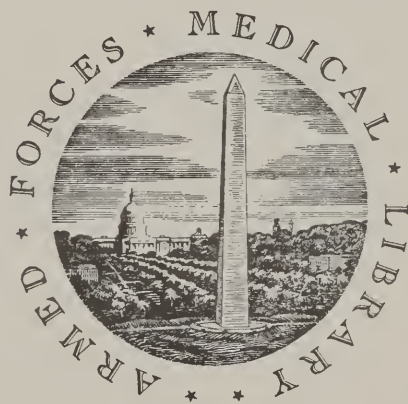


UNITED STATES OF AMERICA



FOUNDED 1836

WASHINGTON, D.C.

B19574

INDEX-CATALOGUE
OF THE
LIBRARY OF THE
SURGEON GENERAL'S OFFICE
UNITED STATES ARMY
(ARMY MEDICAL LIBRARY)

AUTHORS AND SUBJECTS

FOURTH SERIES
VOL. VI
G-GYWAT



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1941

For sale by the Superintendent of Documents, Washington, D. C.
Price \$2.75 (cloth)

Arch.
Z
675.M4
I 38
Ser. 4
v. 6
1941
C. 2

LETTER OF TRANSMITTAL

WAR DEPARTMENT,
ARMY MEDICAL LIBRARY,
June 30, 1941.

Major General JAMES C. MAGEE,
The Surgeon General, United States Army.

GENERAL:

I have the honor to report the completion of the Sixth Volume of the Fourth Series of the Index-Catalogue of the Library of the Surgeon General's Office, the fifty-third volume of the entire series. The volume contains references to medical subjects classified under headings from Gadfly to Gyromonas, and the books of authors whose names begin with G.

In addition to the regular text of the catalogue, this volume also contains a few pages of continuation of the list of abbreviations used in the references. It also includes the First Fasciculus of the Bio-Bibliography of Sixteenth Century Medical Authors prepared by Dr. Claudius F. Mayer, editor of the Index-Catalogue. The first fasciculus of this supplemental bibliography refers to authors whose names begin with A. The scope of the bio-bibliographical supplement, and the method of its preparation is explained in the Introduction of the fasciculus.

Owing to the disturbed state of international scientific life, the publication of a supplemental List of Congresses has been withheld for the present, but information on the new congresses and additional data on those already listed will be published in the seventh volume of the Index-Catalogue.

The Sixth Volume thus forms 876 pages. The following table shows the number of titles in the Index-Catalogue, as far as published:

	Author titles	Subject titles	
		Books	Journal articles
First Series (16 volumes) 1880-95.....	176,364	168,537	511,112
Second Series (21 volumes) 1896-1916	169,812	136,405	645,557
Third Series (10 volumes) 1918-32.....	88,876	57,034	603,600
Fourth Series, 1936- :			
Volume One.....	2,779	4,454	71,168
Volume Two.....	8,892	3,631	79,874
Volume Three.....	4,281	4,302	77,479
Volume Four.....	3,798	4,375	55,950
Volume Five.....	5,499	5,630	88,048
Volume Six.....	5,836	3,125	58,871
Total to date.....	460,137	387,493	2,191,659

The Library now contains 419,451 volumes and 612,559 pamphlets of all sorts, including letters, broadsides and medical theses. During the last year 5,726 works have been purchased or received as gifts, including a collection of 63 Arabic manuscripts. The entire library of the late Dr. S. Adolphus Knopf containing many important publications and other items on tuberculosis was received as a bequest. The Library also acquired more than 200 portraits of medical men, thus increasing its portrait collection to more than 10,000 items. The collection of medical journals was enlarged by 168 periodicals not represented previously in the Library. A large number of photostatic reproductions of extremely rare 16th-century English medical publications has been secured from the Huntington Library.

Outstanding acquisition of the past fiscal year was the purchase of the Arabic manuscripts from a scholar who spent more than forty years collecting them. Some of the manuscripts are unique, and many were copied before the European discovery of the art of printing. The copy of the 5th and 6th book of the al-Háwí of Rází (Rhazes) is dated 1094 A. D.

The Library has begun the unionization of its card catalogues by listing the holdings of other medical libraries in the United States. This project has not advanced very far as yet, but the card catalogues of several libraries have been microfilmed. The establishment of a Union Catalogue of Medical Works required a partial re-cataloging of the holdings of this Library in accordance with modern library methods. The result of this re-cataloging will be seen in the future volumes of the Index-Catalogue.

Very respectfully,

HAROLD W. JONES,
Colonel, Medical Corps, United States Army,
The Librarian, Army Medical Library.

FOURTH ADDITION TO THE LIST OF ABBREVIATIONS FOR SERIAL PUBLICATIONS

Published in the Second Volume, Fourth Series, of the Index-Catalogue

For explanations, see List of Abbreviations, 4. ser., v.2

- | | |
|--|--|
| <p>Aarsskr. Vet. Landbohøjsk., Kbh.</p> <p>Accid. Health Rev., Indianap.</p> <p>Acta endocr., Kharkov</p> <p>Acta oncol., Moskva</p> <p>Acta physiol. scand.</p> <p>Actas Congr. dent. españ.</p> <p>Actas Congr. méd. mil. (Spain)</p> <p>Actas derm. sif., Granada</p> <p>Air Corps News Lett. U. S. A.</p> <p>Algérie méd.</p> <p>Am. J. Ment. Defic.</p> <p>Am. J. Vet. Res.</p> <p>Am. Sociol. Rev.</p> <p>An. Acad. brasil. sc.</p> <p>Anadolu klin., Istanbul</p> <p>An. cirug., Rosario</p> <p>Anesthesiology</p> <p>An. Fac. med. Recife</p> <p>Ann. clin. Osp. incurab., Nap.</p> <p>Ann. Clin. psichiat. Palermo</p> <p>Ann. med. chir., Roma</p> <p>Ann. nevr., Nap.</p> <p>Ann. pharm., Louvain</p> <p>Ann. Rheumat. Dis., Lond.</p> <p>Ann. Soc. belge micr.</p> <p>Annual Rep. All India Inst. Hyg., Calc.</p> <p>Annual Rep. Canton Hosp.</p> <p>Annual Rep. Illinois Dep. Pub. Welf.</p> <p>Annual Rep. Kenya M. Dep.</p> <p>Annual Rep. Maryland Gen. Hosp.</p> <p>Annual Rep. M. Serv. Sierra Leone</p> | <ol style="list-style-type: none"> 1. [Aarsskrift] den Kongelige Veterinaer- og Landbohøjskole. København, 1917-27. 2. Accident (The) and health review. Indianapolis, v.34, No. 1, 1941- 3. Acta endocrinologica. Kharkov, v.8, 1936. 4. Acta oncologica. Moskva, 1935.
Supplement to Vrachebnoe delo. 5. Acta physiologica Scandinavica. Stockholm, v.1, No. 1, 1940- 6. Actas del Congreso dental español. Madrid, 5. Congr. (1909) 1910. 7. [Actas] Congreso médico militar (Spain) Barcelona, 1. Congr., 1939. 8. Actas dermo-sifiliográficas. Granada, v.31, 1939- 9. Air Corps news letter [United States of America] Washington, v.23, No. 2, 1940- 10. Algérie (L') médicale. Alger, v.41, 4. ser., 1937. 11. American journal of mental deficiency. Albany, N. Y., v.45, 1941- 12. American journal of veterinary research. Chicago, v.1, No. 1, 1940- 13. American sociological review. Menasha, Wisc., v.6, No. 1, 1941- 14. Annaes da Academia brasileira de ciencias. Rio de Janeiro, v.12, 1940- 15. Anadolu klinigi. Istanbul, v.8, No. 1, 1940- 16. Anales de cirugía. Rosario, v.6, No. 1, 1940- 17. Anesthesiology; the journal of the American Society of Anesthetists, Inc. Lancaster, Pa., v.1, No. 1, 1940- 18. Anais da Faculdade de medicina do Recife. Recife, v.1, No. 1, 1934- 19. Annali clinici dell'Ospedale degl' incurabili. Napoli, v.1-2, 1835-36; v.5-7, 1839-41. 20. Annali della R. Clinica psichiatrica e neuropatologica di Palermo. Palermo, v.1, No. 1-21, 1899. 21. Annali medico-chirurgici. Roma, v.4, 1840; v.6-7, 1841-42. 22. Annali di nevrologia. Napoli, v.9-45, 1891-1931.
Merged with Rivista di neurologia. 23. Annales de pharmacie. Louvain, v.1-12, 1895-1906. 24. Annals of rheumatic diseases. London, v.1, No. 1, 1939-
Continuation of Rheumatic (The) diseases. 25. Annales de la Société belge de microscopie. Bruxelles, v.27-28, 1900-7. 26. Annual report of the All-India Institute of hygiene and public health, Calcutta. Calcutta, 1939- 27. Annual report of the Canton hospital; Lingnan University. Canton, 1934-35. 28. Annual report of the [Illinois] Department of Public Welfare. Springfield, v.23, 1940- 29. Annual report of the Colony and protectorate of Kenya medical department. Kenya Colony, 1912-37. 30. Annual report of the Maryland General Hospital in the City of Baltimore. Baltimore, 1930-34; 28., 1939. 31. Annual report on the medical service [Sierra Leone] Freetown, 1939- |
|--|--|

- Annual Rep. Squibb Inst. M. Res.
 Annual Rep. Territ. Papua
 An. oft., Méx.
 An. Policlín. enferm. infec., B. Air.
 An. Soc. med. cir. Rio Grande do Norte
 Anuario internac. med. cir., Madr.
 Arb. Inst. exp. Morphogen., Moskva
 Arch. argent. enferm. ap. resp.
 Arch. neur., Bucur.
 Arch. sc. med. fis. toscane
 Arch. Soc. med. leg. S. Paulo
 Arch. ter. méd. quir., Barcel.
 Arch. tisiol., Montev.
 Arch. venezol. Soc. otorinolar.
 Army Navy J.
 Arq. brasil. cir.
 Arq. Inst. Benjamin Baptista, Rio
 Arq. Inst. centr. hig., Lisb.
 Arq. Serv. assist. psicopat. S. Paulo
 Arq. zool. S. Paulo
 Attual. med., Roma
 Austral. Vet. J.
 Bandera homeop. Habana
 Ber. Kongr. exp. Psychol.
 Ber. Verh. Kongr. Internat. Ges. Logopäd.
 Ber. Versamml. Internat. Fed. eugen. Org.
 Bienn. Rep. Carney Hosp., Bost.
 Biokhimia, Moskva
 Biophys. Zbl.
 Bőrgyógy. urol. vener. szemle
 Boie Dent. Rev., Manila
 Bol. Ass. brasil. farm.
 Bol. biol., S. Paulo
 Bol. Lab. Clín. Luis Razetti
 Bol. lar. otol., Madr.
 Boll. Ass. romana med. pedag. anorm.
 Boll. med. Prov. Bolzano
 32. Annual report of the Squibb Institute for Medical Research. New Brunswick, N. J., v.1, No. 1, 1938-
 33. Annual report of the Territory of Papua. Canberra, 1901-
 34. Anales de oftalmología. México, v.1, No. 1, 1898.
 35. Anales de la sala VIII Policlínica de enfermedades infecciosas. B. Aires, No. 2, 1940-
 36. Anais da Sociedade de medicina e cirurgia do Rio Grande do Norte. Natal, v.3, 1940-
 37. Anuario internacional de medicina y cirugía. Madrid, v.15, 1892; v.20, 1894; v.22, 1895.
 38. Arbeiten des Instituts für experimentelle Morphogenese. Moskva, v.2, 1934.
 39. Archivos argentinos de enfermedades del aparato respiratorio y tuberculosis. B. Aires, v.7, No. 1, 1939-
 40. Archives de neurologie. București, v.3, No. 1, 1939-
 41. Archivio delle scienze medico-fisiche toscane. Firenze, v.1, 1840.
 42. Archivos da Sociedade de medicina legal e criminologia de S. Paulo. S. Paulo, v.10, Fasc. 1-3, 1939-
 43. Archivos de terapéutica médico quirúrgica. Barcelona, v.1-3, 1883.
 44. Archivos de tisiología y pneumología. Montevideo, v.1, No. 1, 1940-
 45. Archivos venezolanos de la Sociedad de otorinolaringología-oftalmología-neurología. Caracas, v.1, 1940-
 46. Army [and] Navy journal. Washington, v.77, 1940-
 47. Arquivos brasileiros de cirurgia ortopedia. Recife, v.7, fasc. 4, 1939-
 48. Arquivos do Instituto Benjamin Baptista. Rio de Janeiro, v.6, 1940-
 Continuation of Archivos do Instituto Benjamin Baptista.
 49. Arquivos do Instituto central de higiene. Lisboa, v.1-2, 1913-16.
 50. Arquivos do Serviço de assistência a psicopatas do estado de São Paulo. S. Paulo, v.4, No. 1, 1939-
 51. Arquivos de zoologia do estado de São Paulo. S. Paulo, v.1, 1940-
 Continuation of Revista do Museu paulista.
 52. Attualità medica. Roma, v.1, 1936-
 53. Australian veterinary journal. Sydney, v.15, 1939-
 54. La Bandera de la homeopatía en la Habana. Habana, v.1, 1857.
 55. Bericht über den Kongress für experimentelle Psychologie in Leipzig. Jena, 8. Congr. (1923) 1924.
 56. Bericht über die Verhandlung; Kongress der Internationalen Gesellschaft für Logopädie und Phoniatrie. Wien, 6. Kongr. (1934) 1935.
 57. Bericht der Versammlung der Internationalen Federation eugenischer Organisationen. London, 12. Konf., 1936.
 58. Biennial report of the Carney Hospital. Boston, 1938-39-
 59. Biokhimia. Moskva, v.6, No. 1, 1941-
 60. Centralblatt für die gesamte Biologie: 2. Abteilung, Biophysikalisches Centralblatt. Lpz., v.1-4, 1905/6-1909/10.
 61. Bőrgyógyászati, urológiai, venerológiai szemle és kozmetika. Budapest, v.18, No. 1, 1940-
 62. Boie dental review. Manila, v.1-3, No. 1, 1936-38.
 63. Boletim da Associação brasileira de farmaceuticos. Rio de Janeiro, v.21, No. 1, 1940-
 64. Boletim biológico. São Paulo, v.4, 1939-
 65. Boletim del Laboratorio de la Clínica Luis Razetti. Caracas, v.1, No. 1, 1940-
 66. Boletín de laringología, otología y rinología. Madrid, v.1-6, 1901-6.
 67. Bollettino dell'Associazione romana per la cura medicopedagogica dei fanciulli anormali e deficienti poveri. Roma, v.1-2, 1907-8.
 68. Bollettino medico della Provincia di Bolzano; Etschländer Aerzteblatt. Bolzano, v.6, No. 18, 1927; v.7, No. 22, 1928.
 Continuation of Etschländer Aerzteblatt.

- Boll. sc. Fac. chim. indust., Bologna
- Bol. odont., Bogotá
- Bol. Sanat. Rafael Lavista, Veracruz
- Bol. Soc. mineira med. vet.
- Bol. Soc. mutual. med. farm. Guadalajara
- Bol. Synd. med. norte riogrand.
- Botica, Barcel.
- Brasil cir.
- Britain Today, Lond.
- Brit. Heart J.
- Bull. Acad. sc. URSS
- Bull. Am. Ass. Nurse Anesth.
- Bull. Am. Ass. Univ. Professors
- Bull. Anderson Co. Hosp.
- Bull. Ass. natur. med., Nap.
- Bull. Genitoinfect. Dis.
- Bull. Health Org. League of Nat.
- Bull. Inst. nat. travail, Par.
- Bull. Jackson Mem. Hosp., Miami
- Bull. Minnesota M. Found.
- Bull. Nat. Formulary Com. U. S.
- Bull. N. Hampshire Agr. Exp. Sta.
- Bull. Nurses' Alumnae Ass. Univ. Maryland
- Bull. san., Brux.
- Bull. sc. hist. litt. Dep. Nord
- Bull. Soc. anthrop. Bruxelles
- Bull. Soc. belge otol.
- Bull. Soc. sc. natur. méd. Seine et Oise
- Bull. Soc. sc. vét. Lyon
- Bull. Sta. biol. Arcachon
- Bull. War M., Lond.
- Butl. Ass. catalana antrop.
- Carib. M. J., Trinidad
- Cesk. gyn.
- Chiropody Rec.
- City Missionary, Phila.
- Collect. Papers Dep. Physiol. West. Reserve Univ.
69. Bollettino scientifico della Facoltà di chimica industriale. Bologna, v.18, No. 1-2, 1940-
Continuation of Zymologica.
70. Boletín de odontología. Bogotá, v.6, 1940-
71. Boletín del Sanatorio Dr Rafael Lavista. Veracruz, v.1, No. 1, 1940-
72. Boletim da Sociedade mineira de medicina veterinaria. Belo Horizonte, v.1, No. 1, 1940-
73. Boletín de la Sociedad mutualista medico-farmacéutica de Guadalajara. Guadalajara, v.12, No. 1, 1940-
74. Boletim do Sindicato medico norte-riograndense. Natal, v.1, No. 1, 1936-
75. Botica (La) Barcelona, v.1-2, 1852-53.
76. Brasil cirurgico. Rio de Janeiro, v.2, No. 1, 1940-
77. Britain to-day. London, No. 42, 1940-
78. British heart journal; for the study of cardiology and the circulation. London, v.3, No. 1, 1941-
79. Bulletin de l'Académie des sciences de l'Union des républiques soviétiques socialistes. Moskva, No. 2, 1940-
80. Bulletin (The) of the American Association of Nurse Anesthetists. Cleveland, O. v.9, No. 1, 1941-
81. Bulletin of the American Association of University Professors. Easton, Pa., v.27, No. 1, 1941-
82. Bulletin (The) of the Anderson County Hospital. Anderson, S. Carolina, v.2, No. 8, 1941-
83. Bollettino dell'Associazione dei naturalisti e medici per la mutua istruzione. Napoli, v.1-3, 1870-72.
84. Bulletin of genitoinfectious diseases. Boston, v.3, 1940-
85. Bulletin of the health organization of the League of Nations. Genève, v.6, No. 1, 1937-
Continuation of Quarterly bulletin.
86. Bulletin de l'Institut national d'étude du travail et d'orientation professionnelle. Paris, v.12, No. 1-2, 1940-
87. [Bulletin] Jackson Memorial Hospital. Miami, Fla., v.3, No. 1, 1941-
88. Bulletin (The) of the Minnesota Medical Foundation. Minneapolis, v.2, No. 1, 1940-
89. Bulletin of the National Formulary Committee. Wash., v.9, No. 1, 1940-
90. Bulletin of the New Hampshire Agricultural Experiment Station; University of New Hampshire. Durham, No. 2, 1888-
Incomplete.
91. Bulletin of the Nurses' Alumnae Association of the University of Maryland. Baltimore, 1929-
92. Bulletin sanitaire. Bruxelles, v.1-14, 1901-14.
93. Bulletin scientifique, historique et littéraire du Département du Nord. Lille, v.1, Nos 1-12, 1869; v.4, Nos 1-12, 1872; v.5, Nos 1-12, 1873.
94. Bulletin et mémoires de la Société d'anthropologie de Bruxelles. Bruxelles, v.20-40, 1901-24.
95. Bulletin de la Société belge d'otologie, de laryngologie et de rhinologie. Bruxelles, v.7-12, 1902-07; v.14-17, 1908-12.
96. Bulletin de la Société des sciences naturelles et médicales de Seine et Oise. Versailles, v.18-19, 1906-10.
97. Bulletin de la Société des sciences vétérinaires de Lyon. Lyon, v.1-5, 1898-1902.
98. Bulletin de la Station biologique d'Arcachon. Bordeaux, v.16, (1914) 1915; v.18-20, 1921-23; v.22-24, 1925-27.
99. Bulletin of war medicine. London, No. 1, 1940-
100. Butlletí de l'Associació catalana d'antropologia, etnologia i prehistòria. Barcelona, v.1-2, 1923-24.
101. Caribbean medical journal. Trinidad, v.3, No. 1, 1941-
102. Ceska gynaekologie. Praha, v.19, No. 1, 1940-
103. Chiropody record. Chicago, v.24, No. 1, 1941-
104. City (The) missionary. Philadelphia, v.25, No. 1, 1940-
105. Collected papers from the department of physiology [at head] Western Reserve University; School of medicine [v. p.] v.1, 1919-

- Collect. Papers Dep. Surg. Univ. Edinburgh
Collect. Papers Squibb Inst. M. Res.
- Commun. Conf. internat. lèpre
- Commun. Internat. Congr. Sc. Campaign Cancer
- Congr. pharm. Liège
- Contr. Dep. Path. Iowa Univ.
- Coopération, Brux.
- C. rend. Bur. mun. hyg., Alger
- C. rend. Conf. internat. fruit aliment
- C. rend. Conf. internat. psychotechn.
- C. rend. Congr. internat. palud.
- C. rend. Congr. internat. physiothér.
- C. rend. Congr. internat. radiol. ionis.
- Delaware Health News
Desmos, Fulton
- Detroit M. News
- Deut. tropenmed. Zschr.
- Diár. gen. cienc. méd., Barcel.
- Dis. Nerv. Syst.
- Educ. fis., Rio
- Echo vét., Liège
Erbarzt
Erg. phys. diät. ther.
- Farmacéutico, N. Y.
Filiatre sebezio, Nap.
- Földr. közl.
Fol. microb., Delft
- Food Indust.
Foreign Affairs
- Gaz. méd. Montpellier
- Gaz. odont., Par.
Gaz. san., Par.
- Gazz. toscana sc. med. fis.
- Georgia Malaria Bull.
- Gig. & zdorov.
Gior. farm., Trieste
- Gior. farm. chim., Tor.
106. Collected papers of the department of surgical research of the University of Edinburgh [v. p.] v.1-2, 1935.
107. Collected papers from the Squibb Institute for medical research. New Brunswick, N. J., v.1, 1938-40.
108. [Communications et débats] Conférence internationale de la lèpre, Paris, 3. Conf. (1923) 1924.
109. Communications; International Congress of scientific and social campaign against cancer. Bruxelles, 2. Congr. (1936) 1937.
110. Congrès de pharmacie; Université de Liège. Paris (1934) 1936.
111. Contribution from the Department of Pathology and Bacteriology, College of medicine [University of Iowa] Iowa City, v.1, 1908.
112. Coopération; périodique dentaire. Brux., v.1-2, No. 1, 1936-37.
113. Compte rendu des travaux du Bureau municipal d'hygiène. Alger, 1912-
114. [Compte rendu général] Conférence internationale du fruit-aliment; accompagnée d'une exposition de fruits et de l'industrie du fruit. Paris, 1. Conf. (1933) 1933.
115. Comptes rendus de la Conférence internationale de psychotechnique. Prague, 8. Conf. (1934) 1935.
116. Congrès international du paludisme. Alger, 2. Congr. (1930) 1931.
117. [Comptes rendus et communications] Congrès international de physiothérapie. Paris, 1. Congr. (1905) 1906; 3. Congr. (1910) 1911; 5. Congr. (1930) 1931.
118. Comptes rendus; Congrès international pour l'étude de la radiologie et de l'ionisation. Paris, 1. Congr. (1905) 1906.
119. Delaware health news. Dover, v.1, 1924-
120. Delta Sigma Delta Desmos. Fulton, Mo., v.47, No. 1, 1941-
121. Detroit (The) medical news. Detroit, v.32, No. 23, 1941-
122. Deutsche tropenmedizinische Zeitschrift. Berlin, v.45, Heft 7, 1941-
123. Diálogo general de las ciencias médicas. Barcelona, v.3-4, 1827; v.7-8, 1832.
124. Diseases of the nervous system. Chicago, Ill., v.2, 1941-
125. Educação física; revista de esportes e saude. Rio, No. 35, 1939-
Continuation of Educação physica.
126. Echo (L) vétérinaire. Liège, v.41-42, 1912-13.
127. Der Erbarzt. Leipzig, v.9, Heft 3, 1941.
128. Ergebnisse der physikalisch-diätetischen Therapie. Dresd., v.1, 1939-
129. Farmacéutico. New York, v.16, No. 2, 1940-
130. Filiatre-sebezio; giornale delle scienze mediche. Nap., v.3, 1831; v.9-22, 1835-41.
131. Földrajzi közlemények. Budapest, v.69, No. 1, 1941-
132. Folia microbiologica; Nederlandsch tijdschrift voor mikrobiologie. Delft, v.1-5, 1912-19.
133. Food industries. Albany, N. Y., v.13, No. 2, 1941-
134. Foreign affairs; an American quarterly review. N. Y., v.19, No. 3, 1941-
135. Gazette médicales de Montpellier. Montpellier, v.13-15, No. 1, 1852-54.
136. Gazette odontologique. Paris, v.1-3, 1879-81.
137. Gazette de santé; à l'usage des gens du monde, des curés et des bienfaiteurs des pauvres. Paris, v.1-3, 1833-35.
138. Gazzetta toscana delle scienze medico-fisiche. Firenze, v.7-8, 1849-50.
139. Georgia (The) malaria bulletin. Atlanta, v.3, 1940-
140. Gigena i zdorove. Moskva, No. 1, 1941-
141. Giornale di farmacia; rivista mensile di chimica, farmacia, bromatologia ed igiene. Trieste, v.1-8, 1896-1903.
142. Giornale di farmacia, di chimica e di scienze affini. Torino, v.13-24, 1864-75; v.52-57, 1903-08.

Gior. progr. pat., Venez.

Glasnik Centr. hyg. zav., Beograd

Growth, Ithaca

Harpers Mag.
Health, Mount. View
Health Bull., Hartford
Health Shoes

Human Fertility

Illinois Alumni News

Ind. mil. tschr.

Inform. Serv., N. Y.
Internat. M. Digest

J. Am. Insur.

J. Am. Soc. Psychic. Res.

J. chim. méd., Par.

J. Clin. Endocr.

J. diét., Par.

J. Exp. Podiat.

J. Louisiana Univ. School M.

J. Malaya Brit. M. Ass.

J. méd. Toulouse

J. méd. vét., Lyon

J. M. Soc. Cape May Co. N. Jersey

J. Nat. Cancer Inst.

J. N. Jersey Homeop. M. Soc.

J. Omaha Clin. Soc.

Jornada peru. eugen.

J. Sind. nac. farm., Lisb.

J. traumat., Brux.

Lav. Clin. ocul. Univ. Napoli

Lavoro umano
Life Insur. Courant

Liječ. vjes.
Luftfahrtmed. Abh.

Magy. nőorv. lap.

Maroc méd.

143. Giornale per servire al progressi della patologia e della terapeutica. Venezia, v.15, 1841; 2. ser., v.1-12, 1842-47.

144. Glasnik tsentralnog khigijenskog zavoda [Journal of the central hygienic bureau] Beograd, v.23, 1940-

145. Growth; a journal for studies of development and increase. Ithaca, N. Y., v.4, No. 1, 1940-

146. Harpers magazine. New York, No. 1088, 1941-

147. Health. Mountain View, Calif., v.7, 1940-

148. Health bulletin. Hartford, Conn., v.1, 1936-

149. Health shoes. Boston, v.2, No. 10-15, 1937.
Continuation of Health (The) shoe digest.

150. Human fertility. Baltimore, Md., v.5, 1940-
Continuation of Journal of contraception.

151. Illinois alumni news; University of Illinois Alumni Association. Urbana, Ill., v.17, No. 8, 1939-

152. Indisch militair tijdschrift; maandelijksche uitgave van de Indische krijgskundige vereeniging. Bandoeng, v.71, No. 12, 1940-

153. Information service. New York, No. 4, 1941-

154. International medical digest. Hagerstown, Md., v.38, No. 1, 1941.

155. Journal of American insurance. Chicago, Ill., v.18, 1941-

156. Journal (The) of the American Society for Psychical Research. New York, v.35, No. 1, 1941-

157. Journal de chimie médicale, de pharmacie, de toxicologie, et revue des nouvelles scientifiques nationales et étrangères. Paris, 5. ser., v.1-3, 1965-67; v.5, 1869.

158. Journal (The) of clinical endocrinology. Springf., Ill., v.1, No. 1, 1941-

159. Journal de diététique et de bactériothérapie. Paris, v.1, 1910.

160. Journal of experimental podiatry. New York, v.1, 1940-

161. Journal (The) of the Louisiana State University School of Medicine. New Orleans, v.1, No. 1, 1940.

162. Journal of the Malaya Branch of the British Medical Association. Singapore, v.3, 1940-

163. Journal de médecine, chirurgie et pharmacie de Toulouse. Toulouse, 2. ser. v.5, 1855; 3. ser., v.2-3, 1857; 4. ser., v.1-5, 1862-66.

164. Journal de médecine vétérinaire. Lyon, v.1-22, 845-66.
v.4, 1848; v.18-19, 1862-63 missing.

165. Journal (The) of the Medical Society of Cape May County of New Jersey. Sea Isle City, v.2, No. 11, 1940-

166. Journal of the National Cancer Institute. Washington, v.1, No. 1, 1940-

167. Journal (The) of the New Jersey State Homeopathic Medical Society. Trenton, v.1, No. 1, 1941-

168. Journal (The) of the Omaha Mid-West Clinical Society. Omaha, v.1, No. 1, 1940-

169. Jornada peruana de eugenesia. Lima, 1. Meet. (1939) 1940.

170. Jornal do Sindicato nacional dos farmacêuticos (Sociedade farmacêutica lusitana) Lisboa, ser. 2, v.1, Nos. 1-2, 1940-

171. Journal de traumatologie et des maladies professionnelles. Bruxelles, v.4, No. 1, 1940-

172. Lavori della Clinica oculistica della R. Università di Napoli. Napoli, v.4-5, 1894-98.
Continuation of Ist. Clin. ocul. Univ. Napoli.

173. Lavoro umano. Torino, v.1, Nos. 1-2, 1940-

174. Life insurance courant. Oak Park, Ill., v.46, No. 1, 1941-

175. Liječnički vjesnik. Zagreb, v.62, No. 2, 1940-

176. Luftfahrtmedizinische Abhandlungen. Leipzig, v.1, H. 1-2, 1936-37.

177. Magyar nőorvosok lapja. Budapest, v.3, No. 1, 1940-

178. Maroc médical; journal de la médecine et de la pathologie comparée. Casablanca, v.20, No. 210, 1940-

- Med. Care
- Med. Center News, Wash.
- Med. germ., Rio
- Médicas, N. Y.
- Medicina, B. Air.
- Med. Leaves, Chic.
- Med. Missionary, Phila.
- Med. sport, Tor.
- Mem. Min. san. Venezuela
- Mem. Soc. anthrop. Paris
- Mém. Soc. centr. méd. vét., Par.
- Mem. Soc. sc. natur. méd. Seine et Oise
- Ment. Health Bull., Chic.
- Metrop. Druggist
- Microbiology, Moskva
- Mil. Affairs
- Minutes Internat. Congr. Sc. Campaign Cancer
- Mod. Med., Minneap.
- Montefiore Digest
- Month. Staff Conf. Los Angeles Co. Health Dep. Tuberc.
- M. S. C. Vet., East Lansing
- Nevrasse, Tor.
- North. California Drug News
- Northwest. Univ. Bull.
- Notas anquilost., Caracas
- Novid. med. pharm., Porto
- Nurs. Educ. Bull.
- Nutrit. Res.
- N. York State Dent. Hyg. Q.
- Ny pharm. tid., Kbh.,
- Nyt tskr. abnormvaes., Kbh.
- Observ. proveng. sc. méd.
- Observ. sc. méd.
- Ohio J. Sc.
- Onderzoek. Physiol. Lab., Utrecht
- Optic J.
179. Medical care; economic and social aspects of health service. Baltimore, v.1, No. 1, 1941-
180. Medical (The) center news. Washington, v.1, No. 12, 1939-
181. Medicina (A) germanica. Rio de Janeiro, v.9, No. 7, 1940-
182. Médicas. New York, v.1, No. 2, 1941-
183. Medicina. B. Aires, v.1, No. 2, 1941-
184. Medical leaves. Chicago, v.2, 1939-
185. Medical (The) missionary. Philadelphia, v.15, No. 1, 1941-
186. Medicina dello sport e dell'educazione fisica. Torino, v.3, No. 1, 1940-
187. Memoria y cuenta del Ministerio de sanidad y asistencia social; Estados Unidos de Venezuela. Caracas (1939) 1940.
188. Mémoires de la Société d'anthropologie de Paris. Paris, v.2, 3. ser., Nos. 1-3, 1896-1902.
189. Mémoires de la Société Impériale et centrale de médecine vétérinaire. Paris, v.1-11, 1852-80.
190. Mémoires de la Société des sciences naturelles et médicales de Seine et Oise. Versailles, v.12, 1874-82.
191. Mental health bulletin. Chicago, Ill., v.17, No. 1, 1938-
192. Metropolitan druggist. N. Y., v.4, No. 8-13, 1939.
193. Microbiology. Moskva, v.10, No. 2, 1941-
Continuation of Mikrobiologia.
194. Military affairs. Washington, v.5, No. 1, 1914-
195. Minutes; International Congress of scientific and social campaign against cancer. Bruxelles, 2. Congr. (1936) 1937.
196. Modern medicine. Minneapolis, Minn., v.1, 1932-
197. Montefiore Digest. N. Y. (5 year rep., 1935-39) [1940]
198. Monthly staff conference of the Los Angeles County Health Department, Tuberculosis Division. Los Angeles, 1940-
199. M. S. C. (The) veterinarian. East Lansing, v.1, No. 1, 1940-
200. Nevrasse; fisiopatologia e clinica del sistema nervosa centrale, neurochirurgia, neuroradiologia, psichiatria. Torino, v.1, No. 1, 1940-
201. Northern California drug news. San Francisco, Calif., v.5, No. 70, 1938-
202. Northwestern University bulletin. Chicago, v.3, 1901-
203. Notas sobre anquilostomiasis. Caracas, v.1, No. 1, 1941-
204. Novidades medicas e pharmaceuticas. Porto, v.11-12, 1906-7.
205. Nursing (The) education bulletin. N. York, v.1, Nos. 1-2, 1928; v.2, Nos. 1-2, 1929; n. ser., Bull. 1.
206. Nutrition research. Los Angeles, v.1, No. 1, 1940-
207. New York (The) State dental hygiene quarterly. New York, v.10, 1940-
208. Ny pharmaceutisk tidende. Kjøbenhavn, v.1-15, 1869-83.
Continuation of Pharm. tid.
209. Nyt tidsskrift dor abnormvaesenct omfattede aandssvage-, blinde- og vanføre-sagen Norden. Kjøbenhavn, v.1-10, 1899-1908.
210. L'observateur provençal des sciences médicales. Marseille, v.1-2, 1821.
Continued as L'observateur des sciences médicales.
211. L'observateur des sciences médicales. Marseille, v.3-9, 1822-25.
Continuation of L'observateur provençal des sciences médicales.
212. Ohio (The) journal of science. Columbus, v.40, No. 1, 1940-
213. Onderzoekingen gedaan in het Physiologisch Laboratorium der Utrechtsche Hoogeschool. Utrecht, 5. ser., 1855-1912.
214. Optical (The) journal and review of optometry. Philadelphia, v.78, No. 1, 1941-

- Orvostud. közl.
- Osteopath. Digest
- Otchet Vsesoiuz. inst. eksp. med., Moskva
- Panamerican
- Papers Los Angeles Co. Bur. Communic. Dis.
- Papers M. Soc. S. Elizabeth Hosp., Wash.
- Paradentoz, Ljubljana
- Pharm. tid., Kbh.
- Philos. & Phenom. Res.
- Phys. Cult., N. Y.
- Polytechnia, Lisb.
- Popul. Bull., Wash.
- Porto med.
- Prat. ortognatodont., Bologna
- Proc. Am. Med. Psychol. Ass.
- Proc. Am. Soc. Psychic. Res.
- Proc. Conf. Nat. Soc. Prev. Blindness
- Proc. Massachusetts Tuberc. League
- Proc. Milbank Mem. Fund
- Proc. Panpacific Surg. Conf.
- Proc. Postgrad. Course Aviat. Ophth. George Washington Univ.
- Proc. Univ. Hosp. Oklahoma School M.
- Progr. ter., Milano
- Psychosomat. M.
- Q. Harvard M. Alumni Ass.
- Q. J. Alcohol
- Rapp. Congr. internat. physiothér.
- Recipe, Louvain
- Rep. Conf. Tennessee Health Work.
- Rep. Constit. Meet. Internat. Acad. M. Postgrad. Work
- Rep. Dir. M. Serv. Brit. Guiana
- Rep. Internat. Congr. Sc. Campaign Cancer
- Rep. Penrose Res. Lab.
215. Orvostudományi közlemények. Budapest., v.1, No. 1, 1940-
216. Osteopathic (The) digest; Philadelphia College of Osteopathy. Philadelphia, v.11, 1938-
217. Otchet Vsesoiuzny institut eksperimentalnoi meditsiny A. M. Gorkogo. Moskva (1933-37) 1939.
218. Pan American (The) N. Y., v.1, 1940-
219. Papers by medical staff, Tuberculosis division, Bureau of communicable diseases of the Los Angeles County health department. Los Angeles. 1941.
220. Papers presented before the meeting of the Medical Society of St. Elizabeth's Hospital. Washington, 3. Meet., 1940-
221. Paradentoz. Ljubljana, v.2, Nos. 1-5, 1937.
222. Pharmaceutisk tidende. Kjøbenhavn, v.1-7, 1861-68.
Continued as Ny pharmaceutisk tidende.
223. Philosophy and phenomenological research. Buffalo, v.1, 1941-
224. Physical culture. New York, January, 1941-
225. Polytechnia. Lisboa, v.1-3, 1905-6.
226. Population bulletin. Washington, March, 1940-
227. Porto medico. Porto, v.1-4, 1904-8.
228. Pratica ortognatodontica. Bologna, v.1, Nos 4-6, 1933.
229. Proceedings of the American Medico-Psychological Association. Balt., 76. Meet., 1920.
230. Proceedings of the American Society for Psychical Research, Section B of the American Institute for scientific research. New York, v.9-10, 1915-16; v.14-15, 1920-21.
231. Proceedings of the annual conference of the National Society for the Prevention of Blindness. New York (1935-36) Conf., 1936-37.
232. [Proceedings] Massachusetts tuberculosis league, Inc. Bost., 24. Meet. [1937]
Repr. from N. England J. M.
233. Proceedings of the Milbank Memorial Fund. New York, 13.-14. Conf., 1935-36; 17. Conf., 1939-
234. Proceedings of the Pan-Pacific surgical conference called by the Pan-Pacific Union. Honolulu, 1. Conf., 1929.
235. Proceedings of the post-graduate course in aviation ophthalmology and aviation medicine; the George Washington University School of Medicine. Washington, 1940-
236. Proceedings of the staff meetings of the university hospitals of the University of Oklahoma School of Medicine (The crippled children's hospital) Oklahoma City, v.1, No. 1, 1940-
237. Progresso (Il) terapeutico. Milano, 1902-14.
238. Psychosomatic medicine. Menasha, Wisc., v.2, No.1, 1940-
239. Quarterly (The) of the Harvard Medical Alumni Association. Boston, No. 1-13, 1901-4.
240. Quarterly journal of the studies on alcohol. New Haven, Conn., v.1, No. 3, 1940-
241. Rapport; Congrès international de physiothérapie. Liège, 1. Congr. (1905) 1906; 3. Congr. (1910) 1911; 5. Congr. (1930) 1931.
242. Recipe. Louvain, v.4, 1940-
243. Report of the annual conference of the Tennessee health workers. Nashville, v.5, 1932-
244. Report on the constitutive meeting of the International Academy for Medical Postgraduate Work. Jena, 1938.
245. Report of the Director of Medical Services of British Guiana. Georgetown (1930) 1940-
246. Reports; International Congress of scientific and social campaign against cancer. Bruxelles, 2. Congr. (1936) 1937.
247. Report of the Penrose Research Laboratory. Philadelphia, 1937-

- Rep. Pub. Health Lab., Cairo
- Rep. Saranac Lab. Tuberc.
- Rep. Sun Yat Sen Mem. Canton Hosp.
- Res. Q. Am. Ass. Health
- Rev. argent. otorinolar.
- Rev. argent. reumat.
- Rev. Ass. brasil. farm.
- Rev. brasil. farm.
- Rev. brasil. tuberc.
- Rev. compl. sc. appl. méd., Par.
- Rev. endocr. gin., Cluj
- Rev. estadíst. mun. B. Aires
- Rev. estud. med., Lima
- Rev. Fac. med. vet., S. Paulo
- Rev. homeop., Barcel.
- Rev. homeop., S. Paulo
- Rev. homeop. catalana
- Rev. Hosp. niño, Lima
- Rev. Inst. bact. Chile
- Rev. med. contemp., Madr.
- Rev. méd. Minas
- Rev. neur. psiquiat. S. Paulo
- Rev. otolar. S. Paulo
- Rev. paul. tisiol.
- Rev. Phys. Chem. Japan
- Rev. Policlín. Caracas
- Rev. politéc., S. Paulo
- Rev. psychol., Brux.
- Rev. san. policía, Lima
- Rev. Soc. mex. hist. natur.
- Rev. tuberc., Lima
- Rev. vét., Toulouse
- Riv. med. trop.
- Riv. tisiol.
- Rodriguésia, Rio
248. Reports and notes of the Public Health Laboratories. Cairo, Nos. 1-7, 1918-30.
249. [Report] The Saranac Laboratory for the Study of Tuberculosis of the Edward L. Trudeau Foundation. Saranac Lake, 1935-
250. Report of the Sun Yat Sen Memorial Canton hospital, Lingnan University. Canton, 1930-34.
251. Research (The) quarterly of the American Association for Health, Physical Education, and Recreation. Ann Arbor, v.11, No. 1, 1940-
Continuation of Research quarterly of the American Physical Education Association.
252. Revista argentina de oto-rino-laringología. Buenos Aires, Nos 1-2, 1940-
253. Revista argentina de reumatología. Buenos Aires, v.5, No. 40, 1940-
254. Revista da Associação brasileira de farmacêuticos. Rio de Janeiro, v.21, No. 1-6, 1940-
255. Revista brasileira de farmacia. Rio de Janeiro, v.21, No. 8, 1940-
256. Revista brasileira de tuberculose. Rio de Janeiro, v.9, No. 70, 1940-
257. Revue complémentaire des sciences appliquées à la médecine et pharmacie, à l'agriculture, aux arts et l'industrie. Paris, v.1-6, 1854/55-1859/60.
v.4 missing.
258. Revista de endocrinologie, ginecologie, obstetrică. Cluj, v.4, 1940-
259. Revista de estadística municipal de la ciudad de Buenos Aires. B. Aires, v.43, 1930-
260. Revista de los estudiantes de medicina. Lima, v.4, No. 4, 1940-
261. Revista da Faculdade de medicina veterinaria; Universidade de São Paulo. S. Paulo, v.1, Fasc. 1, 1938-
262. Revista homeopática. Barcelona, v.1-4, 1890-93.
263. Revista de homeopatia. S. Paulo, v.5, Nos 54-55, 1941-
264. Revista homeopática catalana. Barcelona, v.1, No. 1, 1882.
265. Revista del Hospital del niño. Lima, v.1, No. 1, 1940-
266. Revista del Instituto bacteriológico de Chile; boletín de la Sociedad chilena de microbiología e higiene. Santiago, v.1, 1930.
267. Revista de medicina contemporanea. Madrid, v.30-34, 1908-12.
Incomplete.
268. Revista médica de Minas; medicina, cirurgia, ciencias afines. Belo Horizonte, v.7, 1940-
269. Revista de neurologia e psiquiatria de São Paulo. S. Paulo, v.6, No. 6, 1940-
Continuation of Rev. neur. psychiat. S. Paulo.
270. Revista oto-laringologica de São Paulo. S. Paulo, v.6, 1930-
Continued as Revista brasil. otorinolar.
271. Revista paulista de tisiologia. S. Paulo, v.6, No. 5, 1940-
272. Review (The) of physical chemistry of Japan. Tokyo, v.12, No. 1, 1938-
273. Revista de la Policlínica Caracas. Caracas, v.9, No. 51, 1940-
274. Revista politécnica. S. Paulo, v.36, 1940-
275. Revue (La) psychologique. Bruxelles, v.2-5, 1909-12
276. Revista de la sanidad de policía. Lima, v.1, No. 1, 1941-
277. Revista de la Sociedad mexicana de historia natural. México, v.1, No. 4, 1940-
278. Revista de tuberculosis. Lima, v.1, No. 1, 1941-
279. Revue vétérinaire; ancien journal des vétérinaires du Midi. Toulouse, v.72, 1920; v.75, 1923.
280. Rivista medica tropicale e studi di medicina indigena. Roma, v.4, No. 1, 1940-
281. Rivista di tisiologia. Roma, v.18, 1940
282. Rodriguesia. Rio de Janeiro, v.4, No. 13, 1940-

- Roumanie méd.
- Russ. antrop. J.
- San. Bull., Buffalo
Sc. Temperance J.
- Séance pub. Soc. méd. Toulouse
- Sei i kai M. J.
- Sightsav. Class Exch.
- Social Res.
Social Secur.
South. Pharm. J.
- Stomat. glasn.
- Stud. Philos. & Social Sc.
- Surg. Business
Sympos. Quant. Biol.
- Tandheelk. stud. mbl.
- T. C. Resmî gaz., Ankara
Tr. Am. Ass. Dent. Editors
- Tr. Am. Bronchoesoph. Ass.
- Tr. Gistol. konf., Moskva
- Tr. Gosud. nauch. inst. fizioter. Semashko
- Tr. Inst. cerveau, Moskva
Tr. Internat. San. Conf. Am. Repub.
- Tr. Kardiolog. sess., Odessa
- Tr. Kazan. gosud. med. inst.
- Tr. Konf. molod. uchen.
- Tr. Leningr. Inst. epidem. bakt. Pastera
- Tr. Leningr. inst. fizioter.
- Tr. Leningr. nauch. prakt. farm. inst.
- Tr. Moskov. gosud. med. inst.
- Tr. Nauch. issledov. inst. fiziol. Saratov
- Tr. Psikiat. klin. Voronezh. gosud. med. inst.
- Tr. Ukrain. sezd. terapeutov
283. Roumanie (La) médicale. București, v.1, Nos 3-8, 1893; v.2, No. 1, 3-6, 1894; v.7, Nos 1, 3, 1899; v.8, No. 1-2, 1900.
284. Russky antropologicheskyy jurnal. Moskva, v.1-3, 1900-2.
285. Sanitary bulletin. Buffalo, 1927-
286. Scientific temperance journal. Boston, Mass., v.48, 1940-
287. Séance publique de la Société de médecine de Toulouse. Toulouse, 1816-33.
288. Sei i kai medical journal. Tokyo, v.59, 1940.
Continuation of Sei i kai.
289. Sight-saving (The) class exchange. N. Y., No. 70, 1939-
290. Social research. New York, v.8, No. 1, 1941-
291. Social security. New York, v.15, No. 5, 1941-
292. Southern pharmaceutical journal and drug price review. Dallas, Tex., v.33, 1941-
293. Stomatološki glasnik; revue stomatologique yougoslave. Ljubljana, v.3-4, No. 3, 1934-35.
294. Studies in philosophy and social science. New York, v.9, No. 1, 1941-
295. Surgical business. New York, v.4, No. 1, 1941-
296. Symposia on quantitative biology. Cold Spring Harbor, N. Y., v.1, 1933-
297. Tandheelkundig studenten maandblad. Utrecht, v.4, Nos 1-6, 1938.
298. T. C. Resmî gazete. Ankara, Nos 4549-54, 1940.
299. Transactions of the annual meeting of the American Association of Dental Editors. Chicago, 10. Meet., 1940-
300. Transactions of the American Broncho-Esophagological Association. St. Louis, 23. Meet., 1940-
301. Trudy pervoi Gistologicheskoi konferentsii [Works of the 1. Histological Conference] Moskva, 1. Konf., 1935.
302. Trudy Gosudarstvennogo nauchnogo instituta fizioterapii i kurortologii imeni N. A. Semashko [Works of the State scientific institute of physiotherapy and health resorts in the name of N. A. Semashko] Tashkent, v.2, 1934-
303. Trudy; Institut du cerveau. Moskva, v.3-4, 1938-
304. Transactions of the International sanitary conference of the American Republics. Washington, 5. Conf., 1911.
305. Trudy Kardiologicheskaya sessia. Odessa, 1. Congr., 1935.
306. Trudi Kazanskogo gosudarstvennogo meditsinskogo instituta. Kazan, v.9, No. 1-3, 1939.
307. Trudi Konferentsie molodykh uchenykh [Transactions of the Conference of young scientists] Kazan, 1. Conf., v.97, 1937.
308. Trudi Leningradskogo Institut epidemiologii i bakteriologii imeni Pastera [Transactions of the Pasteur Institute of epidemiology and bacteriology in Leningrad] Moskva, v.6, 1938.
309. Trudy Leningradskiy nauchno-issledovatel'skiy institut fizioterapii i kurortologii [Works of the Leningrad Scientific-Research Institute of physiotherapy and health resorts] Leningrad, No. 2, 1935.
310. Trudy Leningradskogo nauchno-prakticheskogo farmatsevticheskogo instituta [Works of the Leningrad scientific-practical pharmaceutical institute] Leningrad, v.1, 1936.
311. Trudy pervogo Moskovskogo gosudarstvennogo meditsinskogo instituta. Moskva, Nos 2-5, 1935-36.
312. Trudy nauchno-issledovatel'skogo instituta fiziologii verkhnikh dykhatelnykh putei [Works of the Scientific-Research Institute on the physiology of the upper respiratory tract] Stalingrad, v.1, 1934.
313. Trudy Psikiatricheskoi kliniki k probleme ekzogennogo faktora v psikiatrii; Voronezhskiy gosudarstvennyy meditsinskiy institut [Works of the psychiatric clinic on the problem of exogenous factors in psychiatry, &c.] Voronezh, v.1, 1934.
314. Trudy Ukrain'skogo sezda terapeutov [Works of the Ukrainian Congress of therapists] [Kharkov] 4. Congr., 1939.

- Tr. Ural. nauch. psikhonevr. inst., Perm
- Tr. Vseross. Konf. patologov
- Tr. Vtor. Leningr. med. inst.
- Tr. West. Sect. Am. Urol. Ass.
- Univ. Pittsburgh Bull.
- Usp. khimii
- Verh. Ber. Kongr. Förd. med. Synthese
- Verh. Konf. Förd. med. Synthese
- Vida méd., Rio
- Vital Statist. Spec. Rep. U. S. Bur. Census
- Votr. Internat. Astrol. Kongr.
- War Med., Chic.
- Water Works & Sewer.
- Wisconsin Bd Health Q. Bull.
- Yale Rev.
- Zöld kereszt
315. Trudy Uralskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta [Works of the Ural scientific research psycho-neurological institute] Perm, v.2, 1935-
316. Trudy Vserossiiskoi Konferentsii patologov [Works of the Pan-Russian Conference of pathologists] Moskva (1934) 1935.
317. Trudy Vtorogo Leningradskogo meditsinskogo instituta [Works of the second Leningrad medical institute] Leningrad, No. 6, 1935.
318. Transactions of the Western section of the American Urological Association. Victoria, B. C., v.9, 1940-Continuation of Transactions of the Western Society of the American Urological Association.
319. University of Pittsburgh bulletin; the Graduate School. Pittsburgh, v.1, 1925-
320. Uspekhi khimii. Moskva, v.10, No. 1, 1941-
321. Verhandlungsbericht; Kongress zur Förderung medizinischer Synthese und ärztlicher Weltanschauung. Dresden, 3. Kongr. (1934) 1935.
322. Verhandlungen der ersten Konferenz zur Förderung medizinischer Synthese. Riga, 1. Konf. (1930) 1931.
323. Vida médica. Rio de Janeiro, v.8, No. 1, 1940-
324. Vital statistics special report, United States Bureau of the Census. Washington, v.1, 1934-
325. Vorträge und Bericht des Internationalen Astrologen-Kongresses, des deutschen Astrologen-Kongresses, Düsseldorf. Düsseldorf, 3. Congr., 1936.
326. War medicine. Chicago, v.1, 1941-
327. Water works and sewerage. Chicago, v.88, No. 1, 1941-
328. Wisconsin State Board of Health quarterly bulletin. Madison, v.6, No. 21, 1941-Continuation of Bull. Bd Health Wisconsin
329. Yale (The) review; a national quarterly. Brattleboro, Vt., v.30, No. 1, 1940-
330. Zöld Kereszt; egészségügyi védőnők lapja [Red Cross; journal of public health nurses] Budapest, v.11, 1940-Supplement to Népegészségügy.

FOURTH ADDITION TO THE INDEX TO ABBREVIATIONS OF PUBLICATIONS OF CORPORATE BODIES

- [Alger] Bureau municipal d'hygiène. 113.
American Association of Dental Association. 299.
American Association for Health, Physical Education, and Recreation. 251.
American Association of Nurse Anesthetists. 80.
American Association of University Professors. 81.
American Broncho-Esophagological Association. 300.
American Medico-Psychological Association. 229.
American Pharmaceutical Association. 89.
American Society for Psychical Research. 156, 230.
American Urological Association, Western section 318.
[Anderson, S. Carolina] Anderson County Hospital. 82.
Arcachon. Station biologique. 98.
Baltimore. Maryland General Hospital. 30.
[Bandoeng] Indische krijgskundige vereeniging. 152.
[Barcelona] Associació catalana d'antropologia, etnologia i prehistòria. 100.
[Belo-Horizonte] Sociedade mineira de medicina veterinaria. 72.
[Beograd] Central Hygienic Bureau. 144.
[Bologna] Facoltà di chimica industriale. 69.
[Boston, Mass.]. Carney Hospital. 58.
[Brasil] Academia brasileira de ciencias. 14.
[Brasil] Associação brasileira de farmacêuticos. 254.
British Guiana. Director of Medical Services. 245.
British Medical Association; Malaya Branch. 162.
Bruxelles. Société d'anthropologie. 94.
Bruxelles. Société belge de microscopie. 25.
Bruxelles. Société belge d'otologie, de laryngologie et de rhinologie. 95.
Buenos Aires. Estadística municipal de la ciudad. 259.
Cairo, Egypt. Department of Public Health. 248.
Calcutta. All-India Institute of Hygiene and Public Health. 26.
Canton, China. Canton hospital. 27.
Canton, China. Sun Yat Sen Memorial Hospital. 250.
[Cape May] Medical Society of Cape May County of New Jersey. 165.
[Caracas] Laboratorio de la Clínica Luis Razetti. 65.
Caracas. Policlínica Caracas. 273.
[Caracas] Sociedad de otorinolaringología-oftalmología-neurología. 45.
Chile. Instituto bacteriológico. 266.
Deutscher Astrologen-Kongress. 325.
[District of Columbia] National Cancer Institute. 166.
[District of Columbia] S. Elizabeth's Hospital. Medical Society. 220.
Edinburgh. University of. Department of Surgical Research. 106.
Edward L. Trudeau Foundation. 249.
[France] Département du Nord. 93.
George Washington University; School of Medicine. 235.
Guadalajara. Sociedad mutualista médico-farmacéutica. 73.
Harvard University; Medical Alumni Association. 239.
Illinois, U. S. A. Department of Public Welfare. 28.
International Academy for Medical Postgraduate Work. 244.
[International] Conférence internationale du fruit aliment. 114.
[International] Conférence internationale de la lèpre. 108.
[International] Conférence internationale de psychotechnique. 115.
[International] Congrès international du paludisme. 116.
[International] Congrès international de physiothérapie. 117, 241.
[International] Congrès international pour l'étude de la radiologie et de l'ionisation. 118.
International Congress of Scientific and Social Campaign against Cancer. 109, 195, 246.
[International] Kongress der Internationalen Gesellschaft für Logopädie und Phoniatrie. 56
Internationale Federation eugenischer Organisationen. 57.
Internationaler Astrologen-Kongress. 325.
International Sanitary Conference of the American Republics. 304.
Iowa, University of. College of Medicine. 111.
[Kazan, U. S. S. R.] Conference of young scientists. 307.
Kazan, U. S. S. R. Gosudarstvennii medicinskii institut. 306.
Kenya Colony. Medical Department. 29.
[Kharkov] Ukrainian Congress of therapeutists. 314.
Konferenz zur Förderung medizinischer Synthese. 322.
København. Veterinaer- og Landbohøjskole. 1.
Kongress zur Förderung medizinischer Synthese und ärztlicher Weltanschauung. 321.
League of Nations. 85.
Leipzig. Kongress für experimentelle Psychologie. 55.
Leningrad. Leningradsky nauchno-issledovately-sky institut fizioterapii i kurortologii. 309.
Leningrad. Medical Institute. 317.
Leningrad. Pasteur Institute of Epidemiology and Bacteriology. 308.
Leningrad. Scientific-practical Pharmaceutic Institute. 310.

- [Liège] Congrès de pharmacie. 110.
 [Lima] Hospital del niño. 265.
 [Lisboa] Instituto central de higiene. 49.
 Los Angeles County Health Department; Bureau of Communicable Diseases; Tuberculosis Division. 198, 219.
 Louisiana State University; School of Medicine. 161.
 Lyon. Société des sciences vétérinaires. 97.
 Malaya Branch of the British Medical Association. 162.
 Maryland. University of; Nurses' Alumnae Association. 91.
 Massachusetts Tuberculosis League, Inc. 232.
 [México] Sociedad mexicana de historia natural. 277.
 [Miami, Fla.] Jackson Memorial Hospital. 87.
 Milbank Memorial Fund. 233.
 Minnesota Medical Foundation. 88.
 [Moskva] Akademia Nauk CCCR. 79.
 Moskva. L'Institut du Cerveau. 303.
 [Moskva] Institut für experimentelle Morphogenese. 38.
 Moskva. Moskovskii gosudarstvennyi meditsinskii institut. 311.
 Moskva. State Medical Institute. 311.
 [Moskva] Vsesoiuznyi institut eksperimentalnoi meditsiny A. M. Gorkogo. 217.
 [Napoli] Associazione dei naturalisti e medici per la mutua istruzione. 83.
 Napoli. Clinica oculistica della R. Università di Napoli. 172.
 Napoli. Ospedale degl'incurabili. 19.
 [Natal] Sindicato medico norte-riograndense. 74.
 New Brunswick, N. J. Squibb Institute for Medical Research. 32, 107.
 New Hampshire Agricultural Experiment Station. 90.
 New Hampshire. University of. 90.
 New Jersey. Homeopathic Medical Society. 167.
 New York. State Dental Hygiene. 207.
 Northwestern University. 202.
 Oklahoma, University of. School of medicine. 236.
 Omaha Mid-West Clinical Society. 168.
 Palermo. R. Clinica psichiatrica e neuropatologica. 20.
 Pan-Pacific Surgical Conference. 234.
 Pan-Russian Conference of Pathologists. 316.
 [Paris] Institut national d'étude du travail et d'orientation professionnelle. 86.
 Paris. Société d'anthropologie. 188.
 [Paris] Société Impériale et centrale de médecine vétérinaire. 189.
 [Perm] Uralsky nauchno issledovatel'sky psiconevrologichesky institut. 315.
 [Philadelphia, Pa.] Penrose Research Laboratory. 247.
 Pittsburgh, Pa. University of. Graduate School. 319.
 [Portugal] Sindicato nacional dos farmacêuticos (Sociedade farmacêutica lusitana) 170.
 Recife. Faculdade de medicina. 18.
 Rio Grande do Norte. Sociedade de medicina e cirurgia. 36.
 [Rio de Janeiro] Instituto Benjamin Baptista. 48.
 [Roma] Associazione romana per la cura medicopedagogica dei fanciulli anormali e deficienti poveri. 67.
 [Russia] Gistologicheskaya konferentsia. 301.
 [Russia] Kardiologicheskaya sessia. 305.
 São Paulo. Serviço de assistência a psicopatas. 50.
 São Paulo. Sociedade de medicina legal e criminologia. 42.
 São Paulo, Universidade. Faculdade de medicina veterinaria. 261.
 Saranac Laboratory for the Study of Tuberculosis. 249.
 Saratov. Scientific Research Institute. 312.
 Seine et Oise. Société des sciences naturelles et médicales. 96, 190.
 [Sierra Leone] Medical Department. 31.
 [Spain] Congreso dental español. 6.
 [Spain] Congreso médico militar. 7.
 [Tashkent] Institut fizioterapii i kurortologii imeni N. A. Semashko. 302.
 Toulouse. Société de médecine. 287.
 United States. Air Corps. 9.
 United States. Bureau of Census. 324.
 [United States] National Society for the Prevention of Blindness. 231.
 [Utrecht] Physiologisch Laboratorium. 213.
 Venezuela. Ministerio de sanidad y asistencia social. 187.
 [Veracruz] Sanatorio Dr Rafael Lavista. 71.
 Voronezh. State Medical Institute. 313.
 Western Reserve University. School of Medicine. 105.
 Wisconsin. State Board of Health. 328.

CATALOGUE

G

GABER

G., L. The Court's apology. 64p. 12° London, 1663.
Bound with **Baco**, Roger. Discovery of the miracle. Lond., 1659.

— The presbyter's plea. p.33-64. 12° London, 1663.
See his **Court's apology**. Lond., 1663.

GAA, Erich, 1906— *Abkennung und Sekundärdentin. 31p. 8° Tüb., E. Göbel, 1930.

GAAB, Erich, 1910— *Die otogene Thrombophlebitis [Heidelberg] 39p. 21cm. Würzb., Gebr. Memminger, 1936.

GABALAOUI, Mansour, 1903— *Contribution à l'étude de la lutte antibilharzienne en Egypte. 94p. 8° Lyon, Bosc frères, 1935.

GABATHULER, Alex[ander] *Die inkarzerierten Hernien der chirurgischen Klinik Basel in den Jahren 1920-25. 15p. 8° Basel, B. Schwabe & Co., 1929.

Also Schweiz. med. Wschr., 1929, 59: 855-9.

GABATHULER, Alois Walter, 1905— *Ueber die Frakturen des oberen Humerusendes an der Zürcher chirurgischen Klinik in den Jahren 1920-35. 61p. 22½cm. Zür., Gebr. Leemann & Co., 1937.

GABBE, Erich. *Ueber die Wirkung von Arzneimitteln auf den respiratorischen Gaswechsel [Würzburg] p.391-465. 8° Berl., J. Springer, 1926.

Also Zschr. ges. exp. Med., 1926, 51:

GABBI, Umberto, 1860-1933. Trattato elementare di patologia esotica. xv, 347p. 2 pl. roy. 8° Roma, G. Bertero & Co., 1915.

For biography see Gior. clin. med., 1933, 14: p. i-iv (C.) Also Riforma med., 1933, 49: 427 (L. Preti) Also Zschr. wiss. Bäderk., 1929-30, 4: 662 (Hirsch)

GABEAU, Joseph Auguste Louis, 1865— *Etude expérimentale et clinique sur des blessures par armes de guerre chez le cheval [Alfort] 18p. 8° Angers, Impr. Progres, 1925.

GABEL, Joseph, 1912— *Génie et folie chez Guy de Maupassant. 36p. 24cm. Par., Jouve, 1940.

GABELKHOVER, Oswald, 1538-1616.

Ruhrah, J. Biography. Am. J. Dis. Child., 1933, 45: 622-5.
Rosenberg, S. L. M. The lure of medical history; 16. century German medicine, Artzneybuch of Hofmedicus Gabelkhauer. California West. M., 1930, 33: 508; 602; 673.

GABELL, Douglas Phillimore, & ALLEN, Arthur G. Gabel's prosthetic dentistry. 2. ed. xi, 239p. illust. 8° Lond., Oxford Univ. Press, 1936.

GABENSKA, Ivanka, 1906— *Diathermie hypophysaire à faible intensité; ses répercussions sur certaines affections gynécologiques. 82p. 8° Par., A. Legrand, 1933.

GABER, Erna Luise, 1910— *Fermentative Spaltung der Harnsäure im Blutserum [Freiburg] 26p. 21cm. Würzb., K. Triltsch, 1936.

GABER, Erwin, & POST, Alfred. Grundriss der Invalidenversicherung. 178p. 23cm. Berl., Langewort, 1938.

GABER, François, 1905— *La perforation de l'entérite ulcéreuse des tuberculeux. 95p. 8° Par., Jouve & cie, 1937.

GABES, Herry, 1904— *Contribution à l'étude de l'étiologie de la stomatite bismuthique; son rapport avec l'insuffisance rénale. 63p. 8° Par., Ed. Véga, 1935.

GABIR, Abu Musa ibn Haiyan al-Azdi [al-Safi] fl. ca. 776. The works of Geber, Englished by Richard Russell, 1678; a new edition with introduction by E. J. Holmyard. xl, 264p. illust. 8° Lond., J. M. Dent & Sons, 1928.

See also **Darmstaedter, E.** Liber Misericordiae Geber; eine lateinische Uebersetzung des grösseren Kitāb alrahma. Arch. Gesch. Med., 1925, 17: 181-97. Also **Ruska, J.** Ueber das Schriftenverzeichnis des Gābir ibn Ḥajjān und die Unechtheit einiger ihm zugeschriebenen Abhandlungen. Ibid., 1923, 15: 53-67. Also Ueber die Quellen von Gābirs chemischem Wissen. Arch. stor. sc., 1926, 7: 267-76.

GABLENTZ, Ilse von der, 1901— *Blutungsformen nach Röntgenkastration [Berlin] 16p. 8° Gütersloh-Westf., Thiele, 1935.

GABLER, Fritz, 1911— *Cholesteatom-eiterung und Pneumatisation des Schläfenbeines (Beobachtungen der Erlanger Klinik aus den Jahren 1920-35) 14p. 8° Erlangen, K. Döres, 1936.

GABLINGER, Fanny. *Quantitative Untersuchungen über den Erfolg der Behandlung accidenteller Wunden mit aseptischem Verband und mit einigen Antiseptics [Zürich] 20p. 8° Brugg, Buchdr. Effingerhof, 1928.

GABORIAU, Helina, 1869— Les trois âges de la femme; puberté, maternité, ménopause. 224p. illust. pl. 20cm. Par., Larousse, 1923.

GABRA, Tewfik Attalla, 1913— *Contribution à l'étude de pyléphlébites chroniques au cours de la maladie de Banti. 150p. 25cm. Lyon, C. Berlioz, 1938.

GABRIEL, Eduard, 1908— *Ueber das Vorkommen mehrfacher Schussverletzungen bei Selbstmord. 31p. 8° Münch., 1932.

GABRIEL, Ernst, & KRATZMANN, Ernst. Die Süchtigkeit, eine Seelenkunde. 283p. diagr. 8° Berl., Neuland-Verl., 1936.

GABRIEL, Gerhard.

See **Loos, Otto, & Gabriel, Gerhard.** Die Röntgendiagnostik und Therapie in der Zahnheilkunde. 64p. 8° Lpz., 1931.

GABRIEL, Herbert, 1906— *Casuistische Beiträge zur Lähmung des Plexus brachialis. 25p. 4 diagr. 8° Königsb., J. Raabe, 1933.

GABRIEL, Pierre, 1904— *Les pinéalomes. 250p. 8° Par., Maloine, 1936.

GABRIEL, William Bashall, 1893— The principles and practice of rectal surgery. vii, 248p. 118 illust. 16 pl. 8° Lond., H. K. Lewis & Co., 1932. Also 2. ed. ix, 363p. illust. 1937.

— Anus diseases. p.643-94. 8° Lond., Butterworth & Co., 1936.

In Brit. Encycl. M. Pract. (Rolleston, H.) 1:

GABRIELIDES, Ananias, 1867— Des conjonctivites. iv, 756p. 31. 8° Constantinople, Impr. Estia Galata, 1921.

GABRIELLE, Maurice, 1910— *Con-sidérations sur le traitement chirurgical des ulcères gastriques à propos de 30 observations recueillies dans le même service. 186p. 2 pl. 8°. Lyon, Bosc frères, 1935.

GABRIELLI, Anna, 1904— *Recherches sur l'action des chlorures de calcium et de magnésium associés en milieu soufré dans le traitement de quelques états neuro-psychiatriques à prédominance alcalosique; essai d'interprétation physio-biologique. 80p. 8°. Par., Jouve & cie, 1934.

GABRIELLI, Pirro Maria, 1643–1705. Rugani, L. [Biography] Riv. stor. sc. med., 1927, 18: 283–91, portr.

GACETA médica de Caracas. Caracas, Venezuela, v.26, 1929— Also Index (for 1893–1938) 1939.

GACETA médica de México. Méx., v.55, 1921—

GACETA médico-militar; órgano de la Asociación mexicana de médicos militares. Méx., v.1–2, 1930–35.

GACETA médico-militar; órgano del Departamento de sanidad militar. Méx., v.1–2, 1933–35.

GACETA peruana de cirugía y medicina. Lima, v.1, 1938—

GACH, Georg Aloisius, 1899— *Die Finnigkeit des Schweinefleisches in historischer Beleuchtung. 40p. 8° Lpz., W. Richter, 1925.

GACHOT, Fernand, 1900— *Contribution à l'étude de la lithiase, sousmaxillaire et parotidienne. 38p. 8°. Par., Vigot frères, 1926.

GACKSTATTER, Georg. *Die Entwicklung der Schlund-Operationen bei den Haussäugetieren [Leipzig] 8p. 8°. Berl., L. Schumacher, 1923.

GACON, René, 1909— *Du collage des vins par les clarifiants usuels et par le ferrocyanure de potassium. 40p. 8°. Par., Vigot frères, 1936.

GAD, Johannes, 1842–1926. Du Bois-Reymond, R. Nekrolog. Med. Klin., Berl., 1926, 22: 1020–2.

GADAIS, Maurice Marcel, 1895— *Des péricardites exsudatives par corps étrangers à évolution atypique [Alfort] 44p. 8°. Par., Ed. Rev. Nos Animaux, 1927.

GADAMER, Johannes, 1867–1928. For Festschrift see Arch. Pharm., Berl., 1927, 265: H. 3–4, portr. For biography see Schmerz, 1928, 1: 261 (H. Wieland)

GADAUD, Robert, 1902— *Du réveil des tuberculoses articulaires par le gonocoque. 46p. 8°. Par., Jouve & cie, 1932.

GADD, Henry Wippell. A synopsis of the British pharmacopoeia, 1932, and of the poison laws. 13. ed. 200p. 32°. Lond., Baillière, Tindall & Cox, 1936.

GADDESSEN, Johannes [Anglicus] de, 1280?–1361. Rosa anglica practica medicinae. 178f. fol. Pavia, Giovantonio Birreta, Jan. 24, 1492.

— The same. Rosa Anglica, seu Rosa medicinae, Johannis Anglici; an early modern Irish translation of a section of the mediaeval medical text-book of John of Gaddesden. Edited with introduction, glossary and English version by Winifred Wulff. lviii, 434p. pl. 8°. Lond., Simpkin, Marshall (1923) 1929.

GADDUM, J[ohn] H[enry] Reports on biological standards; methods of biological assay depending on a quantal response. 46p. diagr. 8°. Lond., H. M. Stat. Off., 1933.

Forms No. 183, Spec. Rep. Ser., Gr. Brit. Privy Council, Med. Res. Council.

GADE, Clara, 1900— *Drei Fälle von Spätinfektion. 12p. 8°. Kiel, C. H. Jeben, 1925.

GADE, F. G. De pathologisk-anatomiske forandringer; i vævene a neurotrofisk oprindelse. 116p. 8°. Kristiania, A. W. Brogger, 1900.

— Undersøkelser over kreaftsygdommene i Norge, paa grundlag av den officielle mortalitetsstatistik 1902–11 samt det av den Norske komité for kreaftforskning samlede materiale 1908–12. 2 p. l. 102p. map. roy. 8°. Kristiania, J. Dybwad, 1916.

For Festschrift see Norsk mag. laegevid., 1927, 88: H. 11.–12. For biography see Norsk mag. laegevid., 1933, 94: 467–9 (P. F. Holst)

GADELIUS, Bror Edvard, 1862–1938. Human mentality in the light of psychiatric experience; an outline of general psychiatry. 2 l. 620p. illust. 8°. Kbh., Levin & Munksgaard, 1933.

For biography see Acta psychiat. neur., Kbh., 1938, 13: 125–9, portr. (V. Wigert) Also Hygiea, Stockh., 1938, 100: 273–84, portr.

GADEV, Nikola, 1909— *Adamantinome ausserhalb der Kiefer. 18p. 8°. Rostock, C. Hinstorff, 1933.

GADFLY.

See Tabanidae.

GADJEV, Dimiter, 1903— *Ueber die Häufigkeit der doppelseitigen chronischen Kieferhöhlenentzündung. 31p. 8° [Lpz., 1930]

GADJEV, Iwan, 1910— *Ueber Wachstumshormone. 32p. 8°. Münch., Rodophi [1933]

GADOLIN, Håkan R. *Klinische Studien über die durch akute Mittelohrentzündung verursachte Sinusthrombose. 300p. 8°. Helsin., Med. Fak. Univ., 1934.

GADOW, Hans Friedrich, 1855–1928. The evolution of the vertebral column; a contribution to the study of vertebrate phylogeny. xiv, 355p. illust. portr. diagr. 8°. Cambr. [Engl.] Univ. Press, 1933.

For biography see Proc. R. Soc., Lond., 1930, s. B., 107: p. i–iii, portr.

GADUS.

See Cod.

GADY, Andrée, 1910— *La forme anémique de la hernie diaphragmatique de l'estomac chez l'enfant. 115p. 25½cm. Lyon, Bosc frères, 1939.

GAEBLER, Horst, 1912— *Die Wirkung von Zahnzementen und gewisser Zusätze auf die Bakterien [Leipzig] 24p. 8°. Würzb., R. Mayr, 1935.

GAECKEL, Johannes, 1904— *Zur Genese der Nebenlungen und intrathorakalen Flimmer-epithelcysten. 30p. 8°. Berl., R. Pfau, 1934.

GAEFKE, Otto [Johann] 1908— *Ueber Mehrlinge auf Grund eines selbst beobachteten Falles von Vierlingen [München] 56p. 8°. Bleicherode a. H., C. Nieft, 1936.

GAEHLINGER, Henri, 1885— Infection intestinale et colibacilloses urinaires. 2 p. l. viii, 151p. 8°. Par., G. Doin & cie, 1932.

See also Pauchet, Victor, & Gaehtgens, H. Hygiène du constipé. 82p. 12° Par., 1932. — Les adhérences. 105p. 8°. Par., 1934. Also in 3 ser. La constipation [&c.] 224p. 8°. Par., 1926.

— & BECART, Auguste. La vaccination par voie buccale dans l'infection intestinale; préface de Victor Pauchet. xv, 165p. 12° Par., G. Doin & cie, 1927.

GAEHTGENS, Gerhard. Der Vitaminhaushalt in der Schwangerschaft mit besonderer

Berücksichtigung der Vitamine A und C. x, 161p. tab. diagr. 8°. Dresd., T. Steinkopff, 1937.

Forms Bd 24. Med. Praxis (L. R. Grote)

— Der Aneurin- (Vitamin B 1-) Haushalt in der Schwangerschaft und im Wochenbett. 76p. diagr. 25cm. Lpz., G. Thieme, 1939.

Bd 2, Zwangl. Abh. Geb. Frauenheilk. (R. Schröder)

GAETGENS, Walter, 1880—, & **SCHULTEN, Hans**. Was muss der praktische Arzt von der Serologie wissen? 62p. 8°. Münch., J. F. Lehmann, 1936.

GAENG, Willy, 1910— *Ergebnisse zur Gelenkempyembildung. 31p. 8°. Freib. i. B., R. Rosswog, 1936.

GAENSEHALS, Otto [August Christian] 1867— *Wirkt Chloralhydrat auf Geruch und Geschmack des Fleisches unserer Schlachttiere ein? [Leipzig] 32p. 8°. Grossenhain, G. Weigel, 1924.

GAERDSTAM, Ragnar. *Ueber Harnsäureausscheidung bei Kreatininbelastung; Untersuchungen am Menschen unter normalen und pathologischen Verhältnissen, mit besonderer Berücksichtigung der Niereninsuffizienz. 296p. 8°. Stockh., P. A. Norstedt & Söner, 1935.

Forms Suppl. 67, v. 85, Acta med. scand.

GAERTE, Wilhelm [Otto] 1890— *Die Beinschutzwaffen der Griechen [Königsberg i. Pr.] 47p. 8°. Dresd., W. u. B. von Baensch, 1920.

GAERTNER, Albert, 1910— *Prädisponiert Leukoplakie der Zunge zu Karzinom? 44p. 8°. Bonn, P. Kubens, 1932.

GAERTNER, August, 1848–1934. Leitfaden der Hygiene für Studierende, Aerzte, Architekten, Ingenieure und Verwaltungsbeamte. 9.–10. Aufl. xi, 436p. 4°. Berl., S. Karger, 1923.

For biography see Zbl. Bakt., 1. Abt., 1928, 107: p. i (Abel)
Also Deut. med. Wschr., 1935, 61: 233 (Konrich)

GAERTNER, Elfriede, 1912— *Tierexperimentelle Untersuchungen über die Behandlung von Streptokokken- und Pneumokokkeninfektionen mit Ommadin unter besonderer Berücksichtigung der Serumbakterizidie. 15p. 8°. Münst. (Westf.) C. J. Fahle [1934]

GAERTNER [Friedrich Gustav] Kurt, 1909— *Experimentelle Untersuchungen über die Wirkung des Tiranals auf die Sensibilität des Dentins. 26p. 8°. Halle, C. F. Rode & Sohn, 1934.

GAERTNER, Gustav, 1855—
Pal [Biography] Wien. med. Wschr., 1925, 75: 2153–5.—
Wagner-Jauregg [Biography] Ibid., 1935, 85: 1077, portr.

GAERTNER, Hans [Gustav Karl Wilhelm] 1902— *Ueber Späthirnsabszesse nach Kriegsverletzungen [Leipzig] 19p. 8°. Bad Essen, F. Schlüter, 1926.

GAERTNER, Herbert [Albert Fritz] 1898— *Ueber die Anwendung und Wirkung von Radiothorium und Thorium-X bei der myeloischen Leukämie im Kindesalter [Berlin] 26p. 8°. Charlottenb., Gebr. Hoffmann, 1925.

GAERTNER, Horst, 1911— *Ueber Adenomyosis externa [Münster] 31p. 21cm. Lengerich, Lenger. Handelsdr., 1936

GAERTNER, Lothar, 1902— *Ueber Mucocoele der Nasennebenhöhlen. 27p. 8°. Münch., 1927.

GAERTNER [Theodor Paul] Alfred, 1880— *Ueber die Verwendbarkeit des Septamid in der Veterinärchirurgie. 35p. 8°. Lpz., A. Edelmann, 1925.

GAERTNER, Ulrich, 1909— *Ueber den Nachweis von Eiweissfäulnisprodukten im Blut

und Harn bei Hautkranken. 40p. 23cm. Berl., R. Pfau, 1938.

GAERTNER, Walther, 1899— *Morphologische Beiträge zur Wirkung der Bromide sowie der Zufuhr grosser Salzengen auf das Zentralnervensystem. [15]p. 8°. Freib. i. B., K. Henn, 1926.

GAERTNER, Wilhelm, 1901— *Zur Actiologie des hohen Gaumens. 35p. 8°. Frankf. a. M., H. Münch, 1927.

GAERTNER, Wilhelm, 1909— *Ueber Paragangliome des Nebennierenmarkes; im Anschluss an einen Fall eines Paraganglioms der rechten Nebenniere mit Ventrikeldurchbruch [Würzburg] 31p. tab. 8°. Borna-Lpz., R. Noske, 1936.

GAERTNER, Wolfgang, 1909— *Verhalten und Beeinflussung der postoperativen Darmparalyse. 15p. 8°. Freib. i. B., Mors & Singler, 1934.

GAERTNER'S bacillus.

See under Salmonella.

GAERTNER Scientific Corp., Chicago. Optical instruments. 80p. illust. roy. 8°. Chic., 1935.

GAETZI, M. Walter. *Recherches sur les valvules veineuses et sigmoïdes du coeur humain et de quelques animaux domestiques [Genève] p. 367–446. Strash., Impr. Alsacienne, 1929.

GAFAFER, W. M.

See Messner, C. T., Gafafer, W. M. [et al.] Dental survey of school children. 248p. 8°. Wash., 1936.

GAFFKYA.

See also Coccaceae; Micrococcaceae.

Bellci, G. & Boschi, E. Sui tetrageni. Bull. sc. med., Bologna, 1898, 7. ser., 9: 456–62.—Bellisari, G. Sulle infezioni generali da micrococco tetragenico. Tonimasi, Nap., 1908, 3: 160–5.—Bertocchi, P. Di un caso d'infezione da micrococco tetragenico. Gazz. osp., 1908, 29: 1544–6.—Ciaramelli, E. Sulla infezione sperimentale da micrococco tetragenico settico. Lav. Congr. med. int. (1904) Roma, 1905, 14. Congr., 511. Also Riforma med., 1905, 21: 533–6.—Dardani, R. Contributo alla conoscenza delle infezioni da tetragenico. Clin. pediat., Mod., 1926, 8: 565–74.—Ferraro, D. Due casi di tetragenemia per assorbimento da lesioni ai piedi. Ann. med. nav., Roma, 1916, 1: 39–49.—Gaucher, Sur un cas de purpura et d'endocardite végétante, produits par le tétragène. J. méd. int., Par., 1909, 13: 115–7.—Götschlich, E. Experimentelle Untersuchungen über die Vererbung der natürlichen Empfänglichkeit beziehungsweise Widerstandsfähigkeit weisser und grauer Mäuse gegenüber der Infektion mit Micrococcus tetragenus. Arch. Hyg., Münch., 1930, 103: 37–48.—Graham, H. G. The micrococcus tetragenus the immediate predecessor of the tubercle bacillus. Lancet-Clinic, 1905, n. ser., 55: 576–82.—Infection (L') tétragénique. Gaz. méd. Paris, 1915, 86: 38.—Kimmerle, A. Zwei Fälle von Tetragenusinfektion; ein Beitrag zu der Frage der Tetragenusinfektion. Fortsch. Med., 1930, 48: 305.—Lewenstern, E. [Inflammation caused by the Micrococcus tetragenus] Przegl. chir., Warsz., 1913, 8: 238–51.—Monteverdi, I. Un caso di bronchite da tetragono; contributo allo studio clinico di queste infezioni. Lav. Congr. med. int. (1898) Roma, 1899, 9. Congr., 353–6.—Pieri, G. Flebite circoscritta da tetragenico. Riforma med., 1934, 50: 112.—Reimann, H. A. Micrococcus tetragenus infection; review of the literature, report of a non-fatal case with septicemia, meningitis and arthritis, and bacteriologic studies. J. Clin. Invest., 1935, 14: 311–9. — Micrococcus tetragenus infection; description of variant forms. J. Bact., Balt., 1936, 31: 385–405. — Micrococcus tetragenus infection; immunologic studies of variant forms, and discussion. Ibid., 407–21. — Variation of Micrococcus tetragenus. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 344. — Micrococcus tetragenus infection. J. Bact., Balt., 1937, 33: 499; 513. Also In Pract. Libr. M. & S. (Appleton) N. Y., 1938, Suppl., 145–8.—Reitani, U. Ricerche su l'associazione batterica di micrococco tetragenico e germi del gruppo Tifo-coli. Gior. batt. immun., 1928, 3: 795–805.—Sacquépée, E. Les fièvres éphémères, manifestations d'infections tétragéniques généralisées. Bull. méd., Par., 1908, 22: 271.—Valdés Lambea, J. Estudios clínicos y experiencias sobre el Micrococcus tetragenus (estudio bacteriológico). Progr. clín., Madr., 1927, 35: 352–4.—Wreschner, H. Untersuchungen über die biologische Bedeutung der Kapsel beim Micrococcus tetragenus. Zschr. Hyg., 1921, 93: 74–86.

GAG.

See Mouth gag.

GAGATKIEWICZ, Walenty, 1750-1805.

Lubkowski [Obituary] *Polska gaz. lek.*, 1932, 12: 431.

GAGE, Asa Franklin.

See Gage, Simon Henry, & Gage, A. F. Mary Gage Day, M. D.; a memorial &c. 33p. 8° Mohawk, N. Y., 1935.

GAGE, F. H.

See Shaxby, J. H., Gage, F. H. [et al.] Report of the Committee upon the Physiology of Hearing. 51p. 8° Lond., 1932.

GAGE, Nina Diadamia, LANDON, John Fitch [et al.] Communicable diseases. xv, 386p. illust. pl. diagn. 22cm. Phila., F. A. Davis Co., 1939.

GAGE, Simon Henry, 1851- The microscope; ultra-violet edition (15th) revised and rewritten with a wholly new chapter on ultra-violet radiation in microscopy. viii, 589p. 9 portr. 8° Ithaca, N. Y., Comstock Pub. Co., 1932. ALSO 16. ed. viii, 617p. illust. diags. 1936.

For biography see *Am. J. Anat.*, 1931, 33: 3-6, portr. (B. F. Kingsbury)

— & **GAGE, Asa Franklin.** Mary Gage Day, M. D.; a memorial tribute, compiled by her brothers. 33p. portr. 8° Mohawk, N. Y., Sun Co., 1935.

GAGE, Simon Henry, & KINGSBURY, Benjamin Freeman. Vertebrate histology, a guide for course 2, Department of microscopy, histology and embryology; Cornell University and the New York State Veterinary College. 137p. 8° Ithaca, N. Y., Comstock Pub. Co., 1899-1900.

GAGE-DAY, Mary, 1857-1935.

Gage, Simon Henry, & Gage, Asa Franklin. Mary Gage-Day, M. D.; a memorial tribute. 33p. portr. 8° Mohawk, N. Y., Sun Co., 1935.

GAGEL, Oskar, 1899- Missbildungen des Rückenmarks. p.182-221. 8° Berl., 1936. In *Handb. Neur.* (Bumke & Foerster) Berl., 1936, 16:

— Neurofibromatose (Recklinghausensche Krankheit) p.289-318. 8° Berl., 1936. In *Handb. Neur.* (Bumke & Foerster) Berl., 1936, 16:

— Siringomyelie. p.319-93. 8° Berl., 1936.

In *Handb. Neur.* (Bumke & Foerster) Berl., 1936, 16: See also Foerster, Otfried, Gagel, O. [et al.] Rückenmark, Hirnstamm, Kleinhirn. 639p. 8° Berl., 1936.

— **MOSER, K. [et al.]** Muskeln und periphere Nerven. vi, 259p. illust. 8° Berl., J. Springer, 1935.

Forms 9. Bd, *Handb. Neur.* (Bumke & Foerster)

GAGER, Leslie Tracy, 1890- Hypertension. xiii, 158p. 8° Balt., Williams & Wilkins Co., 1930.

GAGLIO, Gaetano, 1858-1925.

Baldoni, A. Necrologio. *Biochim. ter. sper.*, 1925, 12: 268-71.—Rippa, G. Necrologia. *Rass. internaz. clin. ter.*, 1925, 6: 191.—Sabbatani, L. Bibliografia dei lavori fatti da Gaetano Gaglio o sotto la sua direzione. *Arch. farm. sper.*, 1926, 41: 7-15.

GAGNAL, Roger, 1913- *Le traitement de l'hallux valgus par la résection de la tête du premier métatarsien. 31p. 25½cm. Lyon, Bosc frères, 1939.

GAGSTAETTER, Theodor, 1905- *Zwei Fälle von Netzhauterkrankungen mit Beziehung zur scheibenförmigen Maculadegeneration [Tübingen] 29p. 22½cm. Böblingen, W. Schlecht, 1936.

GAGZOW, Hans, 1907- *Beiträge zur Entwicklung des tierärztlichen Dispensierrechtes von 1400-1800. 34p. 8° Lucka-Lpz., R. Berger, 1932.

GAHAN, A[rthur] B[urton] 1880- Four new species of Chalcidoidea parasitic on cactus insects. p.481-6. 8° Wash., 1936.

Forms No. 2995, *Proc. U. S. Nat. Mus.*

— A contribution to the knowledge of the Eucharidae (Hymenoptera: Chalcidoidea) p.425-58. 8° Wash., 1940.

Forms No. 3086, v. 88, *Proc. U. S. Nat. Mus.*

GAHAN, Emmanuel, 1903- *Sur les divers traitements des verrues vulgaires. 34p. 8° Par., Jouve & cie, 1929.

GAHBAUER, Alfred, 1912- *Rheumatismus im Kindesalter mit besonderer Berücksichtigung der rheumatischen Herzerkrankungen. 53p. 8° Erlangen-Bruck, M. Krah, 1936.

GAHINET, Maurice Yves, 1910- *Technique d'exérèse du rectum en 2 temps par voies combinées. 112p. 8° Par., L. Arnette, 1938.

GAHL, Alfred, 1903- *Histologische Untersuchungen an Weisheitszähnen. 16p. 8° Würzb., Gebr. Memminger, 1934.

GAHL, Ernst, 1906- *Zur Frage der traumatischen Aetiologie der Gliome. 96p. 8° Marburg-L., H. Bauer, 1935.

GAHLEMANN, Christa, 1910- *Stoffwechselbilanzuntersuchungen bei Säuglingen nach Vigantol und Vogan [Breslau] 16p. 8 tab. 8° Schweidnitz, P. Teusner, 1936.

GAHLEN, Richard [Wilhelm Karl Otto] von, 1892- *Der Einfluss des mensuellen Zyklus auf den onkotischen Druck im Serum und Plasma. 14p. 8° Frankf. a. M., L. Hess, 1928.

GAHR, Willi, 1912- *Ueber den Umfang der Kieferverkrüppelungen unter den Leipziger Volksschulkindern und die Verhütung dieser Schäden [Leipzig] 23p. 21cm. Lengerich, 1936.

GAHRMANN, Helmut, 1894- *Wie verhält sich die Kaufähigkeit des menschlichen Gebisses bei fortschreitendem Lebensalter? (Untersuchung von 2200 Fällen) 32p. 8° [Berl.] 1930.

GAIDÉBOUOF, Marie, 1893- *Essai d'une théorie humorale des fonctions génitales de la femme. 37p. 8° Par., L. Arnette, 1931.

GAIFAMI, Paolo, 1883-1935. Conversazioni e lezioni ostetrico-ginecologiche ad uso dei medici pratici. xi, 543p. 8° Roma, L. Pozzi, 1933.

— *Prontuario di terapia ostetrica.* 3. ed. viii, 320p. illust. 16° Roma, L. Possi [1936] For biography see *Policlinico*, 1935, 42: sez. prat., 2075, portr. (O. Viana)

GAIGER, Sydney Herbert, 1884-1934.

Biography. *Vet. J., Lond.*, 1933, 89: 337, portr.—[Obituary] *Vet. Rec., Lond.*, 1934, 14: 1527, portr.

— & **DAVIES, Gwilym Owen.** Veterinary pathology and bacteriology. viii, 610p. illust., diags. 8° Lond., Baillière, Tindall & Cox, 1932. ALSO 2. ed. x, 712p. illust. tab. 1938.

GAIGERIA.

See also Nematoda; Sheep, Parasite.

Ortlepp, R. J. Observations on the morphology and life-history of *Gaigeria pachyscelis* Raill. and Henry, 1910: a hookworm parasite of sheep and goats. *Onderstepoort J. Vet. Sc.*, 1937, 8: 183-212. — & **Mönnig, H. O.** Anthelmintic tests, chiefly with tetrachlorethylene, for the removal of the hookworm, *Gaigeria pachyscelis* from infested sheep, with observations on the effects of this drug on other parasitic nematodes. *Ibid.*, 1936, 7: 399-417.

GAIGNAIRE, Daniel, 1912- *Indications et résultats de l'histamine intradermique dans les algies. 62p. 24cm. Par., Le François, 1938.

GAIGNEROT, Jean, 1907- *La radiographie dans les tumeurs de la vessie. 72p. 8° Par., Gauthier-Villars, 1937.

- GAILEY, John Knox**, 1850-1926. Obituary. *J. Am. M. Ass.*, 1926, 87: 1759.
- GAILLARD, Albert**, 1910- *Etrangement du grêle derrière une anse d'anastomose gastrique. 63p. 24cm. Par., Le François, 1939.
- GAILLARD, Charly**, 1906- *Les hémianopsies latérales homonymes dans les tumeurs cérébrales. 119p. 8°. Lyon, A. Rey, 1934.
- GAILLARD, Erich**, 1910- *Ueber dopel-seitigen primären Eileiterkrebs. 12p. 8°. Weende, F. Pieper, 1936.
- GAILLARD, René Jean Joseph**, 1908- *Contribution à l'étude des polynévrites graves. 81p. 8°. Par., Ed. Sc. & Ther., 1933.
- GAILLARD, René Roger**, 1901- *Contribution à l'étude de la gangrène pulmonaire à spirochètes. 68p. 8°. Par., Jouve & cie, 1927.
- GAILLARD, Yvonne**, 1910- *L'acidose dans les vomissements graves de la gestation. 66p. 8°. Lyon, A. Rey, 1936.
- GAILLARDIN, Lucine**, 1914- *L'ostéosynthese par voie antérieure trans-crurale dans le traitement des fractures fermées de la diaphyse fémorale. 96p. 24cm. Lyon, Vitte, 1938.
- GAILLARD-LACOMBE, Lucien**, 1845-1936. [Nécrologie] *Bull. Soc. méd. hôp. Paris*, 1935, 3. ser., 51: 1789-91.
- GAINES, Thomas Robert**. Vitalic breathing. 235p. 12°. N. Y., T. R. Gaines [1926]
- GAINEY, P[ercy] L[eigh]** 1887- A study of factors influencing inoculation experiments with azotobacter. 66p. 8°. Topeka, 1930. Forms Techn. Bull. 26, Kansas Agr. Coll. Exp. Sta.
- **SEWELL, M. C.**, & **MYERS, H. E.** Nitrogen—the major cause in the production of spotted wheat fields. 58p. 12°. Topeka, 1937. Forms Techn. Bull. 43, Kansas State Agr. Coll. Exp. Sta.

GAISBOECK'S disease.

- See Erythremia.
- GAISER, Hans**. *Die Linse mit doppeltem Brennpunkt; ein Beitrag zur Kenntnis der progredienten Myopie im Alter [Zürich] p.145-62. 8°. Berl., J. Springer, 1928. Also Arch. Ophth., Berl., 1928, 121:
- GAISSERT, Carl**. *Geschichte des physiologischen Institutes der Universität Zürich. 79p. 8°. Zür., Gebr. Leemann & Co., 1926.

GAIT.

- See also Locomotion; Posture.
- Basler, A.** Ueber das Stehen und Gehen. *Med. Welt*, 1927, 1: 222-4.—**Braun, G. S.** Posture and gait. *Clin. J. Chiropody*, 1937-38, 9: 259.—**Fischer, O.** Der Gang des Menschen. pt 5. *Abh. Math.-phys. Cl. Sächs. Ges. Wiss.*, 1895-1903, 21: 28.—**Magne de la Croix, P.** El bipedismo terrestre. *Rev. Soc. argent. biol.*, 1933, 9: 503-5.—**Matheis, H.** Bewusstes Gehen und Stehen. *Zschr. Orthop.*, 1938, 68: 102.—**Ober, V. H.** Don't drag your feet. *Osteopath. Mag.*, 1935, 22: 19.—**Richardson, L. J.** On walking. *J. Health Phys. Educ.*, 1937, 8: 134-192.—**Smith, C. M.** Gaits. *Clin. J. Chiropody*, 1934, 6: 219-23.
- **Analysis and registration.**
- Baryshnikov, K. I.** [Elements of cyclodiagnosis] *Ark. med. nauk*, 1929, 1: 359-71.—**Basler, A.** Kinematographische Aufnahmen mit gleichzeitiger Registrierung von Kräften. *Arbeitsphysiologie*, 1934-35, 8: 585-90. — Methode zur Bestimmung der auf die einzelnen Sohlenbezirke wirkenden Teilgewichte des menschlichen Körpers. In *Handb. biol. Arbeitsmeth.* (Abderhalden) Berl., 1936, 5: pt 5 A, 559-74.—**Kozyrev, G. S.** [Podokinemograph in examination of the gait] *Ortop. travmat.*, 1937, 11: 86-9.—**Kreezer, G.**, & **Glanville, A. D.** A method for the quantitative analysis of human gait. *J. Genet. Psychol.*, 1937, 50: 109-36.—**Küntsch, G.** Die Methoden der objektiven Gangdarstellung. *Deut. Zschr. Chir.*, 1933, 240: 762-70.—**Lavermicocca, A.** Ritmodinamografo del passo. *Arch. ital. chir.*, 1938, 48: 881.—**Schwartz, R. P.**, & **Heath, A. L.** The pneumographic method of recording gait. *J. Bone Surg.*, 1932, 14: 783. — & **Wright, J. N.** Electrobasographic method of recording gait. *Arch. Surg.*,

1933, 27: 926-34. Also repr.—**Schwartz, R. P.**, **Heath, A. L.** [et al.] Kinetics of human gait; the making and interpretation of electrobasographic records of gait; the influence of rate of walking and the height of shoe heel on duration of weight-bearing on the osseous tripod of the respective feet. *J. Bone Surg.*, 1934, 16: 343-50.—**Schwartz, R. P.**, **Trautmann, O.**, & **Heath, A. L.** Gait and muscle function recorded by the electrobasograph. *Ibid.*, 1936, 18: 445-54.—**Schwartz, R. P.**, & **Vaeth, W.** A method for making graphic records of normal and pathologic gaits; description of a new apparatus, the basograph. *J. Am. M. Ass.*, 1928, 90: 86-9.—**Weisenburg, P. H.** Moving picture illustrations of the gait station, tremors, and general symptoms of various forms of nervous disease. *Tr. Coll. Physicians Philadelphia*, 1911, 3. ser., 33: 207.

Development.

Borcke, H. von. Studien zur Entwicklung des menschlichen Ganges. *Zschr. Orthop.*, 1938, 68: 429-45.—**Hrdlička, A.** Quadruped progression in the human child. *Am. J. Phys. Anthropol.*, 1927, 10: 347-54.—**McGraw, M. B.** From reflex to muscular control in the assumption of an erect posture and ambulation in the human infant. *Child Develop.*, 1932, 3: 291-7.—**Magne de la Croix, P.** Los andares cuadrupedales y bipedales del hombre y del mono. *Sem. méd., B. Air.*, 1929, 36: pt 2, 1581-8. — El andar cuadrupedal de los niños. *Ibid.*, 1933, 40: pt 1, 85-90.—**Mead, C. D.** The age of walking and talking in relation to general intelligence. *Pedag. Semin., Worcester*, 1913, 20: 460-84.—**Sardou, G.** L'enseignement de la démarche humaine. *Prat. méd. fr.*, 1932, 13: 418-23.—**Spitz, H.** Vorstudie zum Entwicklungsablauf des menschlichen Ganges. *Zschr. orthop. Chir.*, 1932, 56: 591-600.—**Variot, G.** La prélocution chez le jeune enfant avant la marche bipède. *Bull. Soc. anthropol. Paris*, 1926, 7. ser., 7: 128-44. Also *Bull. Soc. méd. hôp. Paris*, 1926, 3. ser., 50: 1442-52. Also *Progr. méd.*, Par., 1926, 41: 1607-12. Also *Rev. sc., Par.*, 1927, 65: 70; 109. — & **Goteu, P.** La marche bipède chez le jeune enfant dans ses rapports avec le poids de naissance, le poids actuel, la dentition, l'alimentation et le sexe. *Bull. Soc. anthropol. Paris*, 1927, 7. ser., 8: 23-30.

Disorder.

See also Astasia-abasia; Ataxia; Dysbasia; also names of diseases of the locomotor and nervous system as Encephalitis; Hip-joint, Dislocation; Sciatica, &c.

CASTRO, A. de. *Das desordens da marcha e seu valor clinico. 244p. 4°. Rio, 1904.

Altenburger, H. Beiträge zur Physiologie und Pathologie des Ganges. *Zschr. ges. Neur. Psychiat.*, 1933, 148: 263-71.—**Andersson, D.** [Abnormal gait] *Hygien. Stockh.*, 1905, 2. f., 5: 493-516.—**Baisi, V.** Ulteriori spunti di semeiologia del cammino. *Arch. antrop. crim., Tor.*, 1930, 50: suppl., 1416-9.

Contributo allo studio dell'automatismo del cammino patologico nella pratica medico-legale. *Rass. previd. sociale*, 1932, 19: 47-57. Contributo allo studio del cammino patologico con un semplice metodo grafico. *Arch. antrop. crim., Tor.*, 1933, 53: 1254-7.—**Bériel, L.**, & **Devic, A.** Démonstrations cinématographiques; troubles akinetiques dans une encéphalite chronique; paraplegie spasmodique chez un sujet porteur d'une ancienne paralysie infantile; troubles fonctionnels de la marche chez un pensionné de guerre. *Lyon méd.*, 1924, 134: 296-9.—**Carric, V.** Gehstörungen als Zwangsneurosen. *Eos, Wien*, 1926, 18: 86.—**Colarucci, U.** Delle adulterazioni dell'andatura. *Gazz. med. lombarda*, 1926, 85: 186.—**Cruchet, R.** La kinésie paradoxale des bradykinétiques non parkinsoniens. *J. méd. Bordeaux*, 1926, 56: 321.—**Forest, M.** Ueber die Ursache des Spätaufenlernens beim Kinde. *Strassb. med. Ztg*, 1907, 4: 214-6.—**González-Alvarez, M.** Trastornos de la marcha en el niño y su importancia diagnóstica. *Pediat. españ.*, 1923, 12: 1-15, 3 pl.—**Hunt, E. L.** Gaits from a diagnostic viewpoint. In *Pract. Lect.*, N. Y. (M. Soc. Co. King) (1924-26) 1927, 2. ser., 240-51.—**Lesage & Collin, A.** Troubles passagers de la marche et de la station chez un enfant de 5 ans. *J. méd. Paris*, 1913, 2. ser., 25: 546.—**Matthews, G. W.** Abnormal gaits in children. *Med. Off.*, Lond., 1932, 48: 241.—**Mommsen, F.** Ueber den zeitlichen Ablauf der Schrittfolge und der Fussabwicklung beim Gehen und ihre Bedeutung für die Analyse und Begutachtung von Gangstörungen. *Zschr. orthop. Chir.*, 1932, 57: 1-18.—**Munch-Petersen, C. J.** Les schizobasies. *Rev. neur.*, Par., 1936, 43: pt 2, 693-715.—**Murphy, M.** The relation between intelligence and age of walking in normal and feeble-minded children. *Psychol. Clin., Phila.*, 1933, 22: 187-97.—**Ohm, J.** Ueber die Beziehungen des optokinetischen Nystagmus zu Gehstörungen. *Deut. Zschr. Nerven.*, 1935, 137: 197-215.—**Parnall, E.** Hereditary prance-gait. *J. Am. M. Ass.*, 1937, 108: 1258.—**Patzig, B.** Vererbung von Bewegungsstörungen. *Zschr. induct. Abstamm.*, 1935, 70: 476-84.—**Pfeiffer, R.** Untersuchungen über die Schrittlänge des Menschen (ein Beitrag zur Pathologie des Ganges) *Zschr. orthop. Chir.*, 1933, 60: 310-27.—**Plate, E.** Störungen des Ganges, ihre Ursachen und Folgen. *Wärzb. Abh. Med.*, 1926, 24: 1-43.—**Roderer, C.** L'enfant qui marche les pieds en dedans. *J. méd. Paris*, 1937, 57: 296.—**Salsi, V.** Lo studio del cammino all'indietro nella fisio-patologia del lavoro e nella semeiotica medico-legale. *Arch. antrop. crim., Tor.*, 1933, 53: 1249-54.—**Sbrocchio, A.**

L'atassia nel cammino e nel nuoto. Riv. crit. clin. med., 1916, 17: 13; 25.—**Stewart, D.** Variations from normal gait after muscle section in rabbits. J. Anat., Lond., 1937-38, 72: 101-8.—**Subirana, A.** Etude des troubles de la marche dans le syndrome vestibulo-spinal. Encéphale, 1931, 26: 615-31.—**Un nourrisson qui ne peut marcher les pieds nus!** Rev. gén. clin. thér., 1936, 50: 327.—**Variot, G.** Sur les facteurs normaux et morbides qui peuvent avancer ou retarder le début de la marche bipède chez les jeunes enfants. Bull. Soc. méd. hôp. Paris, 1927, 3. ser., 51: 353-61. Also Méd. inf., Par., 1927, 33: 129-41.

— Disorder: Treatment.

See also **Orthopedics**; also under names of specific disorders of gait as **Astasia-abasia**; **Ataxia**, &c.

Brickner, R. M., & Simons, D. J. The treatment of gait and other disturbances in neurological disease with ergotamine tartrate and benzodrene sulphate. Tr. An. Neur. Ass., 1937, 153.—**Dalmady, Z.** Ein Hilfsgesetz für Gehübungen. Zschr. phys. diät. Ther., 1919, 23: 377.—**Hertzell, C.** Gehübungen unter künstlich vermindertem Körpergewicht (eine neue Behandlungsmethode für Gehstörungen). Münch. med. Wschr., 1918, 55: 511.—**Lavernicocca, A.** Scala orizzontale graduabile per la rieducazione del cammino. Arch. ortop., Milano, 1921, 37: 31-6.—**Mommensen, F.** Die Aenderung des menschlichen Ganges unter der Einwirkung orthopädischer Hilfsmittel. Verb. Deut. orthop. Ges. (1933) 1934, 28. Kongr., 271-84. Die Aenderung des menschlichen Ganges unter der Einwirkung orthopädischer Hilfsmittel; Kasuistik; über die Wirkung von orthopädischen Einlagen auf den Gang und den Gang des Kleinkindes im allgemeinen. Zschr. orthop. Chir., 1934, 61: 1-8.

— Mechanics and kinetics.

ANDERS, P. *Ueber den individuellen Eigenrhythmus beim menschlichen Gange und seine Beziehungen zum Rhythmus der Herz- und Atemtätigkeit. p.287-99. 8° Bresl., 1928.

Also Arch. ges. Physiol., 1928, 220:

CAGUARD, P. J. G. *Etude physiologique sur la marche. 48p. 8° Par., 1904.

FAILLIE, R. *Etude sur la physiologie de la marche en descente. 57p. 8° Par., 1923.

RAUHUT, H. *Ueber die bei der menschlichen Vorwärtsbewegung und bei verschiedenen Berufsarbeiten auftretenden Schubkräfte [Breslau] p.438-53. 8° Würzb., 1936.

Also Arbeitsphysiologie, 1935-36, 9:

WOITZIK, P. *Ueber das Auf- und Abwärtsgehen unter verschiedenen Bedingungen. 11p. 8° Bresl., 1936.

Arx, M. von. Neue Untersuchungen über die Mechanik des Stehens und Gehens nach der Ballontheorie. Zschr. orthop. Chir., 1930, 53: 77-100.—**Basler, A.** Ueber die gewöhnliche Schrittlänge und Geschwindigkeit bei einigen Formen des Gehens. Arbeitsphysiologie, 1928-29, 1: 271-7. Das Gehen quer zu einer geneigten Fläche. Zschr. orthop. Chir., 1932, 56: 55-61. Neue Untersuchungen über die beim Gehen nach abwärts wirkende Kraft (die Lotkraft) Arbeitsphysiologie, 1934-35, 8: 591-4.—**Beattie, S. R.** Mechanics of gait. Clin. J. Chiropody, 1936, 8: 347; 440.—**Blumenthal, A.** Ueber den Einfluss der Kopfhaltung auf die Gehrichtung. Beitr. Anat. Ohr., 1927-28, 26: 390-422.—**Dumoutet, D.** Quelques effets physiologiques de la marche chez les enfants. Arch. méd. enf., 1923, 26: 616-23.—**Elftman, H., & Manter, J.** Chimpanzee and human feet in bipedal walking. Am. J. Phys. Anthropol., 1935, 20: 69-79.—**Elmslie, R. C.** The mechanism of walking. S. Barth. Hosp. J., Lond., 1919-20, 27: 172-6.—**Faillie, R.** Etude sur la physiologie de la marche en descente sur plan incliné. J. physiol. path. gén., 1924, 22: 841-8.—**Langlois, J. P.** Oscillation verticale du centre de gravité du corps pendant la marche en descente sur plan incliné. C. rend. Acad. sc., 1923, 177: 216-8.—**Fischer, K. W.** Der Einfluss des Ganges des Menschen auf Haltung und Fussgewölbe. Hippokrates, Stuttg., 1937, 8: 193-6.—**Galland, M.** La démarche pelvi-ondulante de la femme. Aesculape, Par., 1928, n. ser., 18: 201-10. La démarche féminine pelvi-ondulante sexuelle ou art et orthopédie. Bull. Soc. méd. Paris, 1928, 242-6.—**Glanville, A. D., & Kreezer, G.** The characteristics of gait of normal male adults. J. Exp. Psychol., 1937, 21: 277-301.—**Haan, P. de** [Influence of semicircular canals on gait in man] Ned. tschr. geneesk., 1925, 69: pt 2, 1238-46.—**Hart, V. L.** The mechanism of gluteal gait. Surg. Gyn. Obst., 1930, 51: 727-30.—**Jendrassik, E.** [Further contributions on the physiology of walking] Orv. hetil., 1904, 48: 679; 698; 714; 732. Also Magy. orv. arch., 1906, 4. f., 7: 217-38, pl.—**Kraus, W. M.** Le phénomène de Holt; les effets, pendant la marche, du déplacement en avant du centre de gravité du corps sur la position maxima de support de la jambe; sa signification à l'état normal et dans les conditions pathologiques. Ann. méd., Par., 1924, 15: 67-72.—**Lamy, H.**

Rôle des muscles spinaux dans la marche normale chez l'homme. J. neur., Par., 1904, 9: 356. Also Nouv. iconogr. Salpêtrière, 1905, 18: 49-60.—**Lowman, C. L.** A study of gait. J. Nat. Ass. Chiropod., 1931, 21: No. 2, 5-8.—**Morton, D. J.** The angle of gait: a study based upon examination of the feet of central African natives. J. Bone Surg., 1932, 14: 741.—**Patek, S. D.** The angle of gait in women. Am. J. Phys. Anthropol., 1926, 9: 273-91.—**Robinson, G. W.** A study of gait. J. Kansas M. Soc., 1925, 25: 402-6.—**Schenk, H.** Ueber die bei der menschlichen Fortbewegung auftretende Lotkraft. Arbeitsphysiologie, 1935-37, 9: 489-95.—**Spielberg, P.** Die Aenderungen der Bewegungskoordinationen im Gange während des Arbeitstages. Ibid., 1934-35, 8: 783-800.—**Tiller, G.** Die Hubhöhe des schwingenden Fusses während der Gehbewegung und ihre Veränderung unter verschiedenen Umständen. Ibid., 1935-36, 9: 332-40.—**Wolff, W.** Involuntary self-expression in gait and other movements: an experimental study. Character & Personality, 1934-35, 3: 327-44, 3 pl.

— Metabolism.

STUDER, F. *Der Sauerstoffverbrauch beim Gehen auf horizontaler Bahn. p.105-20. 8° Zür., 1931.

Also Arch. ges. Physiol., 1926, 212:

Benedict, F. G., & Murschhauser, H. Energy transformations during horizontal walking. Proc. Nat. Acad. Sc. U. S., 1915, 1: 597-600.—**Faillie, R., & Langlois, J. P.** Des dépenses d'énergie de l'organisme dans la marche en descente, sur plan incliné. C. rend. Acad. sc., 1923, 177: 353-5.—**Margaria, R., & Piacentini, V.** Il rendimento energetico nella marcia e nella corsa a varie inclinazioni. Boll. Soc. ital. biol. sper., 1937, 12: 576.—**Ogasawara, M.** Energy expenditure in walking and running. J. Physiol., Lond., 1934, 81: 255-64. Also repr.—**Waller, A. D., & Decker, G. de.** Observation comparative de la dépense physiologique de la marche, exprimée en calories: d'après le CO₂ et O₂; d'après le CO₂ seul. C. rend. Soc. biol., 1921, 85: 853.

— in animals.

Coghill, G. E. Early movements of the opossum with special reference to the walking gait. Proc. Soc. Exp. Biol., N. Y., 1938-39, 39: 31-5.—**Colton, H. S.** How bipedal habit affects the bones of the hind legs of the albino rat. J. Exp. Zool., 1929, 53: 1-11.—**Kadletz, M.** Der Formenwechsel der Hinterhandmuskulatur des Pferdes während der Bewegung. Wien. tierärztl. Mschr., 1926, 13: 185-98, 3 pl. Ueber einige Behelfe zur Erkennung der Bewegungsarten des Pferdes. Deut. tierärztl. Wschr., 1933, 41: 433-8.—**Kripp, D. von.** Bau, Funktion und Ableitung des Bewegungsmechanismus der Hinterextremität bei Paarhufern und Unpaarhufern unter besonderer Berücksichtigung der Fusswurzel. Morph. Jahrb., 1935, 76: 259-78.—**Krüger, W.** Ueber die Schwingungen der Wirbelsäule, insbesondere der Wirbelbrücke, des Pferdes während der Bewegung. Berl. tierärztl. Wschr., 1939, 55: 197-203. Ueber den Bewegungsablauf am proximalen Teil der äusseren Vordergliedmasse des Pferdes beim Galopp. Deut. tierärztl. Wschr., 1939, 47: 70-2.—**Magne de la Choix, P.** Emploi de bases latérales bipèdes par les oiseaux. C. rend. Soc. biol., 1933, 114: 740.—**Maier, N. R. F.** The cortical area concerned with coordinated walking in the rat. J. Comp. Neur., 1935, 61: 395-405.—**Manter, J. T.** The dynamics of quadrupedal walking. J. Exp. Biol., Lond., 1938, 15: 522-40.

GAITA, Jean, 1912— *La dépopulation du Banat Roumain. 46p. 8° Par., Vigot frères, 1936.

GAITSKELL, C[harles] E[dward] Radiological terminology. 3 l. 90p. 16° Lond., J. & Z. Churchill, 1935.

GAITZSCH, Hellmuth, 1901— *Ueber die kongenitalen Halsfisteln und Halszysten [Rostock] 24p. 8° Grossenhain, H. Plasnick, 1933.

GAJDOS, Alfred, 1899— *Les lipases sériques en pathologie hépatique. 91p. 8° Par., Vigot frères, 1934.

See also **Delherm, L., Gajdos-Török & Gajdos, A.** L'histamine. 141p. 8° Par., 1935. Also **Fiessinger, N., & Gajdos, A.** Urticaire et histamine. 109p. 25cm. Par., 1937.

GAJDOS-TOEROEK.

See **Delherm, L., Gajdos-Török & Gajdos, A.** L'histamine. 141p. 8° Par., 1935.

GAJER, Czeslaw, 1913— *Traitement de la pseudarthrose du tibia par la greffe osseuse par glissement. 41p. 25cm. Lyon, Paquet, 1939.

GAKKENBUSH, V. M., & Mankovsky, B. N. Editors of Sovremennaya psikhonevrologia. Kiev, v.8-11, 1929-30.

GAL, Felix. Physikalische Therapie der Frauenkrankheiten; kurzes Lehrbuch für praktische Aerzte mit besonderer Berücksichtigung der Indikationen. xii, 236p. illust. 8°. Berl., Urban & Schwarzenberg, 1932.

GALACTAGOGUE.

See **Breast milk**, Secretion: Pharmacology: Galactagogues.

GALACTOCELE.

See **Breast**, Cysts.

GALACTOLIPIDE.

See **Cerebroside**; **Glycolipide**.

GALACTONIC ACID.

Takahashi, T., & Asai, T. On the fermentation products of acetic acid bacteria attached to the fruits; the formation of galactonic and kemic acid from galactose. Zbl. Bakt., 2. Abt., 1935-36, 93: 248-52.—**Tipson, R. S.** The preparation of 3, 4, 5-trimethyl L-galactonic acid. J. Biol. Chem., 1938, 125: 341-4. Also repr.

GALACTORRHEA.

See **Breast milk**, Secretion, excessive.

GALACTOSE.

See also **Carbohydrates**, Types: Monosaccharides; **Chondromucoids**; **Dulcitol**; **Mucilage**; **Pectin**.

Ashmarin, P. A., & Prokofieva, E. G. Katalyse der Umbildungen und Zerlegung von d-Galaktose durch Anionen schwacher Säuren. Bull. biol. méd. exp. URSS, 1936, 2: 280-2.—**Charpentier, J.** Sur l'extraction de l'éthylgalactoside-β en présence de fortes proportions de sucres réducteurs. J. pharm. chim., Par., 1923, 7. ser., 27: 368-71.—**Gale, E. F.** The determination of galactose by the method of Hagedorn and Jensen. Biochem. J., Lond., 1937, 31: 234.—**Levene, P. A., & Meyer, G. M.** The ring structure of diacetone galactose. J. Biol. Chem., 1931, 92: 257-62. Also repr.—**Pirie, N. W.** The preparation of heptaacetyl-dl-galactose by the acetylation of agar. Biochem. J., Lond., 1936, 30: 369-73.—**Wolfson, M. L., Thompson, A., & Georges, L. W.** Ring-chain isomerism in the acetates of galactose oxime. J. Am. Chem. Soc., 1932, 54: 4091.

— Metabolism.

See also **Blood sugar**, Types: Galactose; **Cataract**, nutritional.

Arce, J. A propos de la fixation du galactose. Rev. belge sc. méd., 1931, 3: 860-73.—**Bell, D. J.** Liver glycogen; molecular structure of glycogen formed after ingestion of galactose. Biochem. J., Lond., 1936, 30: 1612-6.—**Bischoff, G.** Die Wirkung der Galaktose auf den Gewichtsansatz des Säuglings. Mschr. Kinderh., 1930, 48: 500-5.—**Bollman, J. L., Mann, F. C., & Power, M. H.** The utilization of galactose following complete removal of the liver. Am. J. Physiol., 1935, 111: 483-91.—**Carpenter, T. M.** The effect of galactose on the human respiratory quotient and alveolar carbon dioxide. J. Nutrit., 1937, 13: 583-600. — **Lee, R. C.** The effect of galactose on the metabolism of ethyl alcohol in man. J. Pharm. Exp. Ther., 1937, 59: 254-63. Also repr.—**Cedrangolo, F.** Sulla formazione di glicogeno nei muscoli in seguito a somministrazione di galattosio. Boll. Soc. ital. biol. sper., 1933, 8: 763-5.—**Corley, R. C.** Factors in the metabolism of galactose. Proc. Soc. Exp. Biol., N. Y., 1926-27, 24: 293.—**Della Maggiore, B.** L'insulina migliora l'utilizzazione del galattosio; ricerche sul fenomeno di Weltmann nell'uomo. Clin. med. ital., 1939, 70: 263-9.—**De Lucia, P., & Cedrangolo, F.** Ricerche sul metabolismo del galattosio. Sunti Congr. internaz. fisiol., 1932, 14. Congr., 63. — Transformation de la galactose en glycogene dans le foie et dans les muscles des rats. Arch. ital. biol., 1935-36, 94: 139-45. Also Arch. sc. biol., Bologna, 1935, 21: 361-7.—**De Lucia, P., & Morelli, A.** Azione delle proteine e del peptone sull'utilizzazione del galattosio. Boll. Soc. ital. biol. sper., 1937, 12: 596-8.—**De Lucia, P., & Torelli, M.** Ricerche sul metabolismo del galattosio. Ibid., 1932, 7: 250.—**Edgecombe, A. E.** The effect of galactose on the growth of certain fungi. Mycologia, Lancaster, 1938, 30: 601-24.—**Fasold, H.** Ueber Galaktose als allseitiges Kohlhydrat in der Säuglingsnahrung. Zschr. Kinderh., 1932-33, 54: 257-60.—**Grant, G. A.** The metabolism of galactose; phosphorylation during galactose fermentation and its relation to the interconversion of hexoses. Biochem. J., Lond., 1935, 29: 1661-76. — The synthesis of lactose by slices of active mammary gland in vitro. Ibid., 1905-9. — The metabolism of galactose. Ibid., 1936, 30: 2027-

35.—**Gugliucci, A.** Azione del galattosio sulla diuresi negli epatopazienti. Fol. med., Nap., 1937, 23: 1061-73.—**Harding, V. J., Grant, G. A., & Glaister, D.** The metabolism of galactose; the behaviour of the rat towards moderate amounts of galactose. Biochem. J., Lond., 1934, 28: 257-63.—**Kosterlitz, H.** Untersuchungen über die Verwertung der Galaktose in physiologischen und pathologischen Zuständen; Methodik. Zschr. ges. exp. Med., 1932, 81: 792-9. — The presence of a galactose-phosphate in the livers of rabbits assimilating galactose. Biochem. J., Lond., 1937, 31: 2217-24. Also J. Physiol., Lond., 1938, 93: suppl. 34. — **Wedler, H. W.** Untersuchungen über die Verwertung der Galaktose in physiologischen und pathologischen Zuständen; das Verhalten der Galaktose am pankreaslosen Hund bei völliger und teilweiser Insulinkarenz. Zschr. ges. exp. Med., 1933, 87: 405-10. — Beitrag zur Frage der Galaktoseassimilation in der Wedler. Ibid., 411-5.—**Meythaler, F., & Gerstenberg, H. W.** Die Wirkung endogenen Insulins auf die Leber bei der Galaktoseassimilation. Klin. Wschr., 1938, 17: 1623.—**Milhaud.** Différences existant a priori entre le métabolisme du galactose et celui des autres sucres. Bull. méd., Par., 1934, 48: 505.—**Roe, J. H., & Cowgill, G. R.** The metabolic fate of galactose in adult dogs and rabbits. Am. J. Physiol., 1935, 111: 531-8. — **Gilman, A.** A study of the oxidation that occurs in the dog after the ingestion of galactose. Ibid., 1934-35, 110: 531-8. — The effect of the ingestion of galactose upon the respiratory quotient of normal and depancreatized dogs. J. Biol. Chem., 1934, 105: p. lxxii.—**Rowe, A. W.** The metabolism of galactose. Arch. Int. M., 1924, 34: 388. — The metabolism of galactose; the influence of disturbed endocrine function. Am. J. M. Sc., 1935, 190: 686-700. — **Chandler, J.** The metabolism of galactose. Endocrinology, 1924, 8: 803.—**Wieruchowski, M.** Intermediärer Kohlenhydratstoffwechsel: intravenöse Galaktoseassimilation unter dem Einfluss der Hormone, des Hungers und der Nahrungsfaktoren. Biochem. Zschr., 1931, 237: 92-102.

— Pharmacology.

De Lucia, P., & De Matthaeis, D. Azione dell'adrenalina e tiroxina sull'utilizzazione del galattosio. Clin. med. ital., 1934, 65: 1157-69.—**De Lucia, P., & Morelli, A.** Azione dell'estratto del lobo posteriore dell'ipofisi sulla utilizzazione del galattosio. Boll. Soc. ital. biol. sper., 1937, 12: 599; 603. — Azione dell'estratto del lobo anteriore dell'ipofisi sulla utilizzazione del galattosio. Arch. sc. biol., Bologna, 1938, 24: 173-81.—**Pollák, L., & Fehér, G.** Ueber den Einfluss von Insulin, Adrenalin und Thyroxin auf die Galaktoseassimilation. Arch. exp. Path., Berl., 1933, 172: 407-28.—**Pollák, L., & Selinger, A.** Ueber den Einfluss von Ergotamin und Atropin auf die Galaktoseassimilation bei Leberkranken und Lebergesunden. Zschr. klin. Med., 1931, 117: 476-99.—**Trimigiozzi, G.** Azione del galattosio e del levulosio sul cuore deregenerato con e senza insulina, con e senza cardiocinetici. Clin. med. ital., 1935, 66: 295-300.

— Tolerance test.

See also **Blood sugar**, Regulation: Functional tests; **Liver**.

BODE, O. *Untersuchungen über die Bedeutung der Galaktoseprobe als Leberfunktionsprüfung. p.165-75. 8°. Berl., 1931.

Also Deut. Arch. clin. med., 1931, 170:

BRENDLER, F. [L. F.] *Kritische Bemerkungen zur Resorption der Galaktose bei der Galaktosebelastung als Leberfunktionsprüfung [Breslau] 27p. 8°. Würzb., 1938.

FREDE, P. F. *Der Wert der alimentären Galaktosurie und Lävulosurie als Funktionsprüfung der Leber ermittelt aus den seit 1921 vorliegenden Krankengeschichten der Kieler Medizinischen Klinik [Kiel] 20p. 8°. Dortmund, 1928.

LA VEGA, H. DE. *Contribution à l'étude de la galactosurie provoquée. 107p. 8°. Par., 1936.

LENNERZ, D. *Ergebnisse der Leberfunktionsprüfung mit Galaktose bei Lebergesunden. 12p. 8°. Tüb., 1937.

LEVIN, A. J. *The galactose tolerance test for hepatic insufficiency. 27p. 4°. Milwaukee, Wis., 1933.

Albeaux-Fernet, M. L'exploration fonctionnelle du foie par l'épreuve des concentrations galactosuriques fractionnées. Rev. méd. chir. mal. foie, 1938, 13: 366-72.—**Balanesco, V. I., & Oeriu, S.** Une nouvelle méthode pour le contrôle de la fonction hépatique: l'épreuve de la galactosurie. C. rend. Soc. biol., 1936, 123: 850-2. — [Simplification of galactose test according to Balanesco-Oeriu method] Rev. st. méd., Bucur., 1939, 28: 1160-2.—**Banks, B. M., Sprague, P. H., & Snell, A. M.** Clinical evaluation of the galactose tolerance test. J. Am. M. Ass., 1933, 100: 1987-93.—**Blanco Soler, C., Villalobos, E., &**

Mataix, E. Valor clínico de la prueba de la galactosuria; exploración funcional del hígado. *Progr. clín.*, Madr., 1933, 41: 246-54.—**Budak, M.** Leberfunktionsprüfung mittels intravenöser Galaktoselösung. *Wien. Arch. inn. Med.*, 1932-33, 23: 379.—**Crosetti, L., & Della Maggiore, B.** Ricerche sopra alcune nuove modificazioni della prova del galattosio nel saggio della funzione glicopessi a del fegato. *Arch. stud. fisiopat. ricambio*, 1935, 3: 415-46.—**Cuny, L.** L'exploration fonctionnelle du foie par l'épreuve de la galactosurie provoquée. *Rev. prat. biol.*, Par., 1933, 26: 33-40.—**Della Maggiore, B.** Sul valore clinico della prova del galattosio. *Arch. stud. fisiopat. ricambio*, 1935, 3: 283-302. — La prova di Bauer per la funzione epatica (galattosuria) nei confronti degli altri indizi clinici e funzionali di sofferenza del viscere. *Clinica*, Bologna, 1936, 2: 668-78.

Recenti sviluppi della prova del galattosio per la diagnostica funzionale del fegato. *Policlinico*, 1937, 44: sez. med., 192-8.—**De Lucia, P., & De Matthaeis, D.** Considerazioni sul significato della prova di carico con galattosio in alcune emopatie. *Riforma med.*, 1938, 54: 215-21.—**Fiessinger, N., & Thiebaut, F.** Les concentrations galactosuriques fractionnées comme méthode d'exploration fonctionnelle du foie dans les icteres. *Bull. Soc. méd. hôp. Paris*, 1931, 3, ser., 47: 1680-2. — **Dieryck, J.** L'épreuve de la galactosurie dans les icteres. *Ann. méd.*, Par., 1931, 31: 219-45.—**Fiessinger, N., Walter, H., & Thiebaut, F.** L'épreuve au galactose chez le sujet normal. *Bull. Soc. méd. hôp. Paris*, 1932, 3, ser., 48: 693-702.—**Fiessinger, N., Walter, H.** [et al.] Les prétendues erreurs de l'exploration fonctionnelle du foie au moyen de l'épreuve des concentrations galactosuriques fractionnées. *Rev. méd. chir. mal. foye*, 1939, 14: 327-47.—**Geill, T.** [Bauer's liver function test by means of galactose] *Hospitalstidende*, 1934, 77: 404-8.—**Halberkann, J., & Köhler, H.** Beiträge zur Leberfunktionsprüfung: Isolierung und Identifizierung der mit dem Harn ausgeschiedenen d-Galaktose. *Klin. Wschr.*, 1926, 5: 992. Also *Zschr. physiol. Chem.*, 1926, 154: 34-8.—**Hollebeke, P.** Les limites normales de la galactosurie provoquée. *Bruxelles méd.*, 1939-40, 20: 674.—**Hollós, L.** [Practical use of the galactose test] *Orv. hetil.*, 1935, 79: mell., 19.—**Jankelson, I. R., & Lerner, H. H.** Intravenous galactose liver function test. *Am. J. Digest. Dis.*, 1934, 1: 310-2. Also repr.—**Jankelson, I. R., Segal, M., & Aisner, M.** Intravenous galactose liver function test. *Ibid.*, 1936-37, 3: 889.—**Jiménez Díaz, C., & Mansera, J.** Estudios de insuficiencia hepática; el metabolismo hidrocarbónico; pruebas de galactosa. *Arch. méd.*, Madr., 1928, 29: 237-45.—**Koehler, A. E., & Hill, E.** Intravenous galactose tolerance. *J. Biol. Chem.*, 1940, 133: Proc., 54.—**Martinetti, R., & Della Maggiore, B.** La doppia somministrazione galattosio+glucosio, per via orale ed endovenosa in soggetti sani ed in epatopazienti. *Policlinico*, 1939, 46: sez. med., 174-88.—**Masek, J.** [The author's experiences with the glycemic curve after galactose as liver function test] *Cas. lék. česk.*, 1937, 76: 593-6.—**Mecznar, L.** [Liver and kidney function and the fractional galactose test] *Orv. hetil.*, 1931, 75: 1144-7. Also *Wien. Arch. inn. Med.*, 1932-33, 23: 401-8.—**Meller, N., & Frisch, E.** [Functional tests of liver, especially by the galactose test] *Polska gaz. lek.*, 1928, 7: 309-12.—**Nissen, N. I.** [Technique of Bauer's galactose test; action of galactose secretion during administration of glucose or diet containing carbohydrates] *Hospitalstidende*, 1937, 80: 1187-203.—**Oliver, E., Montejo, S.** [et al.] Nuevas observaciones sobre la prueba de la galactosa. *Med. ibera*, 1936, 30: pt 2: 193-205.—**Oliver, E., Oliver, A., & Montejo, S.** La prueba de la galactosa. *Siglo méd.*, 1936, 97: 174.—**Paez, E. M.** El valor de la exploración funcional del hígado mediante la prueba de la galactosuria. *Relat. Congr. argent. cir.*, 1937, 9. Congr., 331-9.—**Pollak, F.** Die kombinierte Wasser-Galaktosebelastung als neue Leberfunktionsprobe; ein Beitrag zur Diagnostik der Lebercirrhosen. *Klin. Wschr.*, 1937, 16: 1251-3.—**Pollak, S.** Beitrag zur Leberfunktionsprüfung mittels intravenöser Galaktoselösung. *Wien. Arch. inn. Med.*, 1931, 21: 311-4, tab.—**Popescu, I. M.** [Galactosuria for exploration of the function of the liver] *Cluj. med.*, 1935, 16: 518-30.—**Radvan, I.** [Provoked galactosuria] *Rev. st. med.*, Bucur., 1936, 25: 1585-96.—**Sison, A. B. M.** Galactose tolerance test. *Annual Rep. Nat. Res. Coun. Philippines*, 1938, Bull. No. 22, 42-4.—**Taboada, F. F.** La prueba de la galactosa en la exploración funcional del hígado. *Sem. méd.*, B. Air., 1936, 43: pt 2, 1441-7.—**Uexküll, T. von.** Ueber den diagnostischen Wert der Blutzuckerkurve nach peroraler Galaktosebelastung. *Deut. med. Wschr.*, 1939, 65: 415-9.—**Walter, H., & Gauthier, M.** Les limites de la galactosurie fractionnée. *C. rend. Congr. internat. insuff. hépat.*, 1937, 1. Congr., 157-61.—**Weiss, S.** Utility of the galactose test. *Rev. Gastroenter.*, 1934, 1: 143.

GALACTOSURIA.

See also Galactose, Tolerance test.

Nissen, N. I. [On galactosaemia and galactosuria with acute affection of the liver] *Ugeskr. laeger*, 1937, 99: 427-37.—**Reuss, A.** Spontane Galaktosurie beim Säugling. *Jahrb. Kinderh.*, 1933, 3. F., 89: 219.

GALACTOZYMASE.

See also Yeast; Zymase.

Cattaneo, C. Gewinnung von Phosphoglycerinsäure aus Galaktose und Spaltung von Phosphoglycerinsäure durch Galaktosehfen. *Biochem. Zschr.*, 1933, 267: 456-9.—**Euler, H. von, & Lövgren, T.** Die durch Vorbehandlung hervorgeru-

rufene Gärfähigkeit frischer Hefe für Galaktose und die Konstanz dieser Eigenschaft. *Zschr. physiol. Chem.*, 1925, 146: 44-62.—**Euler, H. von, & Nilsson, R.** Ueber Galaktosevergärung durch Hefe nach Vorbehandlung mit dieser Zuckerart. *Ibid.*, 1926, 152: 249-53.—**Stephenson, M., & Gale, E. F.** The adaptability of glucosylase and galactosylase in *Bacterium coli*. *Biochem. J.*, Lond., 1937, 31: 1311-5.—**Stephenson, M., & Yudkin, J.** Galactosylase considered as an adaptive enzyme. *Ibid.*, 1936, 30: 506-14.

GALACTURONIC acid.

Campbell, H. A., & Link, K. P. Derivatives of d-galacturonic acid; the synthesis of a mercaptal of d-galacturonic acid and aldehyde-tetraacetyl-methyl-d-galacturonate. *J. Biol. Chem.*, 1937, 120: 471-9.—**Levene, P. A., & Christman, C. C.** Conversion of uronic acids into corresponding hexoses; catalytic reduction and deacetylation of the methyl ester of 2,3,4-triacetyl- α -methyl-d-galacturonide. *Ibid.*, 1937-38, 122: 203-5. — Catalytic reduction of the methyl-ester of diacetone d-galacturonic acid. *Ibid.*, 661-4.—**Levene, P. A., & Kreider, L. C.** Oxidation and hydrolysis of polygalacturonide methyl-ester to levo-tartaric acid. *Ibid.*, 1937, 120: 591-5. — The ring structure of α -methyl-d-galacturonide and its derivatives. *Ibid.*, 597-606. — Conversion of uronic acids into corresponding hexoses; conversion of 2,3,4-trimethyl- α -methyl-d-galacturonide methyl ester into 2,3,4-trimethyl- α -methyl-d-galactoside. *Ibid.*, 121: 155-64. — **Tipson, R. S.** Catalytic reduction of the methyl-ester of 2-3-4-trimethyl- α -methyl-d-galacturonide. *Ibid.*, 1937-38, 122: 199-202.—**Link, K. P., & Dickson, A. D.** The preparation of d-galacturonic acid from lemon peptic acid. *Ibid.*, 1930, 86: 491-7.—**Morell, S., Baur, L., & Link, K. P.** Note on the preparation of d-galacturonic acid in large quantity. *Ibid.*, 1934, 105: 15.—**Nanji, H. R.** The preparation of galacturonic acid from plant materials, with a note on some of its derivatives. *Biochem. J.*, Lond., 1933, 27: 1163-5.—**Sell, H. M., & Link, K. P.** Derivatives of d-galacturonic acid; the preparation of the methyl-ester of d-galacturonic acid. *J. Biol. Chem.*, 1938, 125: 229-33. — Derivatives of d-galacturonic acid; the synthesis of the methyl-esters of cholesterol, sitosterol, and ergosterol triacetyl-d-galacturonides. *Ibid.*, 235-40.—**Smolenski, K., & Zlotnik, A.** Réduction de l'acide galacturonique et de l'éther méthylique du méthylgalacturonide. *Bull. internat. Acad. polon. sc.*, 1934, ser. A, 292-303.

GALAIS, Germain Henri, 1913— *A propos d'un cas de maladie ostéogénique généralisée avec syndrome de Bessel-Hagen. 29p. 24cm. Par., A. Laped, 1939.

GALAISSE, René Jean, 1903— *Contribution à l'histoire du mal de lure (pyohémie secondaire à l'agalaxie contagieuse du mouton) [Alfort] 32p. 8°. Bourges, Impr. Orphelins Centre, 1929.

GALAMBOS, A. Kriegsepidemiologische Erfahrungen. vi, 303p. 8°. Wien, A. Holder, 1917.

GALAMBOS, Márton, 1821-92. *Magyar-Kossa, G.* [The life of Márton Galambos] Allat-*orv. lap.*, 1936, 59: 182-5, portr.

GALAMEZ, Jules Victor, 1867— *Contribution à l'étude des quelques fractures des membres chez le cheval [Alfort] 30p. 8°. Par. [n. pub.] 1927.

GALAN, Joseph Marie Raymond, 1911— *Contribution à l'étude du traitement prophylactique des présentations du siège. 101p. 8°. Par., Le François, 1935.

GALAND, Maurice, 1913— *Contribution à l'étude de l'endémicité et de la prophylaxie de la maladie de Hansen. 57p. 24cm. Par., Le François, 1939.

GALANDI, Helmut, 1910— *Ueber die habituelle Schulterluxation nach hinten schnappende Schulter und ihre operative Behandlung [Königsberg] 20p. 8°. Würzb., K. Triltsch, 1935.

GALANSKI, Walter Antonius, 1910— *Wieweit ist eine positive Melanophoren-Reaktion mit Harn verwertbar? [Rostock] 13p. 8°. Borna, R. Noske, 1936.

GALANT, Johann Susmann. Die eingebildete Schwangerschaft; psychopathologisch und klinisch dargestellt. 68p. 8°. Berl., A. Marcus & E. Weber, 1928.

Forms Hft 4, v.5, Abh. Sexforsch.

GALASINSKI, Roman E[dward] 1906—
*Thyroid disease; a study and report of 103 cases [Marquette Univ.] 53p. 8°. Wauwatosa, Wis., 1932.

Typewritten.

GALBIATI, Gennaro, 1776–1844. Lettera apologetica sulla vaccina. 72p. 8°. Nap., G. De Turris, 1803.

GALBRAITH, Anna M., 1859— Hygiene and physical culture for women. xxix, 294p. 8°. N. Y., Dodd, Mead & Co., 1895.

GALBRAITH, Walter Stuart, 1866–1939. **Obituary.** Canad. M. Ass. J., 1939, 41: 314. Also J. Am. M. Ass., 1939, 113: 1147.

GALBRUN, Roger, 1904— *Le pityriasis rosé de Gibert (son étiologie mycosique) 116p. 8°. Par., R. & C. Tamburro, 1936.

GALDIKAITÉ, Monika. *Die innere und äussere Entwicklung des Kindergartens in Deutschland [München] 100p. 8°. Kovno [n. pub.] 1928.

GALDSTON, Iago, 1895— Medicine and mankind; lectures to the laity delivered at the New York Academy of Medicine. vip. 2 l. 216 [lp. illust. diagrs. 8°. N. Y., D. Appleton Century Co., 1936.

— Maternal deaths—the ways to prevention. 5p.; 115p. 8°. N. Y., Commonwealth Fund, 1937.

GALE, Benjamin, 1715–90. **Jenkins, E. H.** [Biography] Yale J. Biol., 1929–30, 2: 257–68.

GALE, D. Tillotson. Rest; or, How to get well. 108p. 16°. Alb., Weed, Parsons & Co., 1880.

GALE, Thomas, 1507–87. **Power, Sir D'A.** Certain works of chirurgie by Thomas Gale, Maister in chirurgie. Brit. J. Surg., 1927–28, 15: 177–81.

GALEA aponeurotica.

See Scalp.

GALEAZZI, Riccardo, 1866— Scritti medici in onore di Riccardo Galeazzi nel XXX anno di direzione del Pio Istituto Rachitici di Milano. 601p. 4°. Bologna, Cappelli, 1934.

Forms v.20, Chir. org. movim.

For biography see Arch. ortop., Milano, 1935, 51: 3–54, portr., 3 ch.

GALEGA [and galegine]

Leclerc, H. Le galéga (Galega officinalis L.) Presse méd., 1928, 36: 1634.—**Müller, H.** Physiologische und chemische Studien über die Tanretische Guanidinbase Galegin. Zschr. Biol., 1925, 83: 239–64.—**Reinwein, H.** Zur Pharmakologie des Galegins. Verh. Phys. med. Ges. Würzburg, 1926, n. F., 51: 118.—**Simonet, H., & Tanret, G.** Sur les propriétés hypoglycémiantes du sulfate de galegine. C. rend. Acad. sc., 1927, 184: 1600; 185: 1616. Also Bull. Soc. chim. biol., Par., 1927, 9: 908–27.

GALEN [Claudius, so-called] 130–200. De morbis oculorum et eorum curis. p.[211]–21. 8°. Par., 1909–33.

In Collect. ophth. veterum auctorum (Pansier, P.) Par., 1909–33, 2: fasc. 7.

— [Εἰ κατὰ φύσιν ἐν ἀρτηρίαις αἷμα, etc.] An secundum naturam in arteriis sanguis continetur [transl. by V. Trincavelli] p.179–205. 32° Lyon, 1550.

In his De nat. fac. Lyon, 1550.

— In Hippocratis Epidemiarum libros I et II; ed. by E. Wenkebach. xxxiii, 410p. 8°. Lpz., B. G. Teubner, 1934.

Forms v.10, pt 1, Corpus medicorum Graecorum.

— In Platonis Timaeum commentarii fragmenta; ed. by H. O. Schröder. xxviii, 112p. 8°. Lpz., B. G. Teubner, 1931.

Forms Suppl. 1, Corpus medicorum Graecorum.

— [Περὶ ἀνομάλου δυσκρασίας] De inaequali intemperie; transl. by T. Linacer. p.175–92. 32° Lyon, 1549.

In his De temperamentis. Lyon, 1549.

— [Περὶ διαφορᾶς πυρετῶν] De differentiis februm.

See Valles, Francisco de. Commentaria in libr. Galeni. Alcala de Henares, 1569.

— [Περὶ δυνάμεων φυσικῶν] De naturalibus facultatibus; transl. by T. Linacer; with epitome of J. Dubois. 219p. 32° Lyon, G. Roville, 1550. Bound to his De elementis. Lyon, 1550.

— [Περὶ κράσεων] De temperamentis. lib. 3 [with introduction of J. Dubois; transl. by T. Linacer] 192p. 16 l. 32° Lyon, G. Roville, 1549.

Bound to his De elementis. Lyon, 1550.

— [Περὶ οὐσίας τῶν φυσικῶν δυνάμεων] De substantia facultatum naturalium; transl. by V. Trincavelli. p.170–8. 32° Lyon, 1550.

In his De nat. fac. Lyon, 1550.

— [Περὶ ὥστων] L'anatomie des os du corps humain [transl. by J. Canappe] 32 l. 8°. Par., Denys Janot, 1541.

— [Περὶ τῶν καθ' Ἱπποκράτην στοιχείων] De elementis lib. 2; transl. by V. Trincavelli. 157p. 32° Lyon, G. Roville, 1550.

— [Περὶ τῶν παρὰ φύσιν ὄγκων] Des tumeurs contre natura [transl. by P. Tolet] p.414–52. 12° Lyon, 1540.

In Paulus of Aegina. La chirurgie. Lyon, 1540.

— [Περὶ φλεβοτομίας θεραπευτικῶν βιβλίων] De la raison de curer par évacuation de sang [transl. by P. Tolet] p.454–546. 12° Lyon, 1540.

In Paulus of Aegina. La chirurgie. Lyon, 1540.

— [Τὰ πρὸς Γλαύκωνα θεραπευτικά] L'art curatoire à Glaucon; 2. livre [transl. by J. Canappe; ed. by E. Dolet] 34 l. 24° Lyon, Guil. de Guelques, 1538.

— [Θεραπευτικὴ μέθοδος] Thérapeutique; ou, Méthode curatoire livr. 3–6; 13. [transl. by J. Canappe; ed. by E. Dolet] 2. éd. 5 pts in 1; 128 l. 8° Lyon, Guil. de Guelques, 1539.

Bound to his L'art curat. à Glaucon. Lyon, 1538.

— The same. 14. livre [transl. by J. Canappe; ed. by E. Dolet] [24] l. 8° Lyon, Guil. de Guelques, 1538.

Bound to his L'art curat. à Glaucon. Lyon, 1538.

— The same. Perioche des 7 premiers livres de la méthode thérapeutique [transl. by G. Crestien] 107 [5] l. 8° Paris, Denys Janot, 1540.

See also Bergsträsser, G. Neue Materialien zu Hunain ibn Ishāq's Galen-bibliographie. 108p. 8° Lpz., 1932. Also Champier. Speculum [medicinae] Galeni. Lyon, 1512. Also Coxe, J. R. The writings of Hippocrates and Galen, epitomized from the original Latin translations. 681p. 8° Phila., 1846. Also Mélin, A. *Galen. 32p. 8° Par., 1932. Also Wenkebach, E. Untersuchungen über Galens Kommentare zu den Epidemien des Hippokrates. 53p. 8° Berl., 1925.

For biography see Burr, C. W. Galen. Tr. Coll. Physicians Philadelphia, 1930, 52: 155–65. Also Ann. M. Hist., 1931, n. ser., 3: 209–17.—**Clarissimus** Galen (130 A. D.–201 A. D.) Clin. M. & S., 1930, 37: 1, port.—**Clendening, L.** Galen, the physician of Rome. In his Behind the doctor, N. Y., 1933, 40–50.—**Cowlishaw, L.** Galen, the medical dictator: his life and influence on the progress of medicine. Med. J. Australia, 1937, 2: 543–52.—**Farreras, P.** Claudio Galeno, 130–201 (?210?) Rev. españ. med. cir., 1931, 14: 225; 279.—**Findley, P.** [Biography] Med. Rev. of Rev., 1935, 41: 192–7.—**Greenwood, M.** Galen. In his Med. dictator, Lond., 1936, 15–35.—**Larkey, S. V.** [Biography] California West. M., 1931, 34: 271; 366.—**Lev, M.** Galen, physician and philosopher. Phi Delta Epsilon News, Menasha, 1935, 26: 14–23.—**Malloch, A.** Galen. Ann. M. Hist., 1926, 8: 61–8.—**Meyerhof, M.** Autobiographische Bruchstücke Galens aus arabischen Quellen. Sudhoffs Arch., 1929, 22: 72–86.—**Prendergast, J. S.** The background of Galen's life and activities, and its influence on his achievements. Proc. R. Soc. M., Lond., 1920–30, 23: Sect. Hist. M., 53–70.—**Walsh, J.** Galen's studies at the Alexandrian School. Ann. M. Hist., 1927, 9: 132–43. — Galen clashes with the medical sects at

Rome. *Med. Life*, 1928, 35: 408-44. — Date of Galen's birth. *Ann. M. Hist.*, 1929, n. ser., 1: 378-82. — Galen's second sojourn in Italy and his treatment of the family of Marcus Aurelius. *Med. Life*, 1930, 37: 473-505. — Refutation of the charges of cowardice made against Galen. *Ann. M. Hist.*, 1931, n. ser., 3: 195-208. — Refutation of Ilberg as to the date of Galen's birth. *Ibid.*, 1932, n. ser., 4: 126-46. — Wiegand, T. Die Lehrstätte des Galenus in Pergamon. *Deut. med. Wschr.*, 1932, 58: 861.

See also **Barbillon**, Galien et le foie. In his *Etude crit. hist. méd.*, Par., 1930, 59-69. — **Barraud**, Galien et l'éducation physique. *Bull. Soc. fr. hist. méd.*, 1938, 32: 164-9. — **Chance**, B. Galen's ophthalmology. *Tr. College Physicians Philadelphia*, 1930, 52: 166-72. — **Gerlach**, W. Meer und Schifffahrt in Bildern und Sprache Galens. *Sudhoffs Arch.*, 1936, 29: 328-33. — **Greenwood**, M. Galen as an epidemiologist. *Proc. R. Soc. M., Lond.*, 1920-21, 14: Sect. Hist. M., 3-16. — **Lulofs**, H. J. [Galen on habits] *Ned. tschr. geneesk.*, 1928, 72: pt 2, 4968-77. — **Prendergast**, J. Galen's view of the vascular system in relation to that of Harvey. *Proc. R. Soc. M., Lond.*, 1927-28, 21: Sect. Hist. M., 79-88. — **Renan**, E. Une lettre de Renan sur un point d'histoire médicale. *Chron. méd.*, 1922, 29: 363. — **Souques**, A. Les connaissances neurologiques de Galien. *Rev. neur.*, Par., 1933, 40: 297-340. — **D'Hérophile** à Galien. *Ibid.*, 1936, 65: pt 1, 489-525. — **Temkin**, O., & **Temkin**, C. L. Some extracts from Galen's *Anatomical Procedures*; Translated by O. & C. L. Temkin. *Bull. Inst. Hist. M.*, 1936, 4: 466-76. — **Walsh**, J. Galen's discovery and promulgation of the nerve function of the recurrent laryngeal nerve. *Ann. M. Hist.*, 1926, 8: 176-84. — Galen's writings and influences inspiring them. *Ibid.*, 1934, n. ser., 6: 1; passim; 1935, 7: 428; 570; 1936, 8: 65; 1937, 9: 34-61; 1939, 3. ser., 1: 525-37. — **Walzer**, R. Uno scritto sconosciuto di Galeno sull'empiria nella medicina. *Riv. stor. sc. med.*, 1938, 29: 258-65. — **Wenkebach**, E. Eine alexandrinische Buchfehde um einen Buchstaben in den hippokratischen Krankengeschichten; ein unveröffentlichtes Galenkapitel. *Sitzber. Preuss. Akad. Wiss.*, 1920, 241-53. — Der hippokratische Arzt als das Ideal Galens. *Quellen Gesch. Naturwiss. Med.*, 1932-33, 3: H. 4, 155-75. — Galens *Protreptikos*-fragment. *Ibid.*, 1933-35, 4: H. 3, 88-127. — Textkritische Beiträge zu Galens *Protreptikos*-fragment. *Sudhoffs Arch.*, 1933, 26: 205-52. — **Wright**, J. Galen's reactions to Aristotle. *Am. Med.*, 1926, n. ser., 21: 169-73. — Galen's ancient fame and his reactions. *Ibid.*, 237-41. — The legacy of Greece to Galen. *Med. J. & Rec.*, 1926, 124: 39; passim.

GALENICAL.

See also **Drug**, Preparing.

GRIVEAU, P. *Etude comparative de quelques formes galéniques des pharmacopées britannique et française [Strasbourg] 147p. 8° Par., 1936.

LANCHON, H. *Etude comparative de quelques formes galéniques des Pharmacopées des Etats-Unis et française [Strasbourg] 100p. 24cm. Par., 1938.

Battegay, A. Pharmacie galénique. In his *Conf. pharm.*, Par., 1910, 177-263. — **Bourquelat**, E. Le codex de 1908; médicaments galéniques. *J. pharm. chim.*, Par., 1908, 6. ser., 28: 262-71. — **Bull**, B. A. The manufacture of the galenical preparations of the B. P. *Pharm. J., Lond.*, 1933, 130: 317. — **Casparis**, P. Die neuen Galenica der Pharmacopoea Helvetica. *Praxis*, Bern, 1933, 22: Beil., 51, 10-3. — **Cervera**, V. P. Sobre la conveniencia de uniformar las dosis de los preparados galénicos. *Siglo méd.*, 1908, 55: 146-8. — **Chater**, A. B. Pharmacy: materia medica; galenical. *Australas. J. Pharm.*, 1930, n. ser., 11: 519. — **Dulière**, W. De l'utilité, pour le pharmacien, d'effectuer lui-même les préparations galéniques [Rapp.] *C. rend. Congr. internat. pharm.* (1910) 1911, 10. Congr., 47-9. — **Duyk**, Sur le titrage des drogues et des préparations galéniques. *Ibid.* (1897) 1898, 8. Congr., 31-61 [Discussion] 395. — **Finne-more**, H. An epitome of the alterations in strength of the Galenical preparations of the British Pharmacopoeia 1914. *Guy's Hosp. Gaz.*, Lond., 1914, 28: 496. — The official galenicals from vegetable drugs. *Australas. J. Pharm.*, 1936, n. ser., 17: 1136. — **Golaz**, H. Etude de l'unification des méthodes de préparation des médicaments galéniques héroïques. *C. rend. Congr. internat. pharm.*, 1395, 12. Congr., 266-84. — **Goris**, A., & **Mascré**, M. Sur l'importance du dosage de quelques médicaments galéniques. *Bull. sc. pharm.*, Par., 1923, 30: 667-9. — Historical development of galenicals; ancient formulae and modern assay methods. *Pharm. J., Lond.*, 1936, 4. ser., 82: 342. — **Hultquist**, L. J. [Comparison between galenic and original preparations] *Sven. Läk. tidn.*, 1938, 35: 726-9. — **Kovalev**, S. G. [Standardization of Galenical preparations] *Voen. med. J. S. Petersburg*, 1907, 220: med. spec. pt, 355; 1911, 230: 475. — **Lavoye**, M. L'endocrinologie galénique; sa situation dans les pharmacopées actuelles. *C. rend. Congr. internat. pharm.*, 1935, 12. Congr., 607-16. — **Lloyd**, J. T. Has enough work been done on galenical preparations? *Nat. Eclect. M. Ass. Q.*, 1938-39, 30: 52-4. — **Mayrhofer**, A. Zur Nomenklatur pharmazeutisch-galenischer Arzneizubereitung. *Med. Klin.*, Berl., 1938, 34: 585-7. — **Mukherjee**, M. K. Ayurvedic galenicals. *J. Ayurveda*, 1938-39, 15: 447-51. — **Perrot**, E. Une nouvelle forme galénique de préparations pharmaceutiques.

Presse méd., 1910, 18: 586. — **Pinxteren**, J. A. C. van [Some Galenical preparations] *Pharm. wbl.*, Amst., 1928, 65: 104-6. — **Ranwez**, F. Sur la composition des médicaments galéniques. *C. rend. Congr. internat. pharm.* (1897) 1898, 8. Congr., 171-80 [Discussion] 376. — **Raubenheimer**, O. Galenicals added to U. S. P. IX. *J. Am. Pharm. Ass.*, 1916, 5: 1335-9. — **Rothenkirchen**, O. Zu einigen galenischen Zubereitungen des Deutschen Arzneibuches. *Deut. Apoth. Ztg.*, 1939, 54: 755-8. — **Rupp**, E. Ueber Gehaltsbestimmungen von galenischen Präparaten des Arzneibuches. *Arch. Pharm.*, Berl., 1906, 244: 536-42. — **Schou**, S. A. [The galenic pharmacy and the future of apothecary pharmacies] *Sven. Läk. tskr.*, 1938, 42: 565-71. — **Tanchoco**, F. Progresos notables en las preparaciones galénicas. *Rev. filip. med. farm.*, 1918, 9: 175-87. — **Tschirsch**, A. [The scientific basis of Galenical pharmacy] *Arch. Pharm.*, Kbh., 1926, 33: 258-62. — **Valeur**, A. Progrès récents réalisés en pharmacie galénique. *Rev. sc.*, Par., 1913, 2: 362-7. — **Zboray**, B. [Ergebnisse der Untersuchungen galenischer Arzneimittell] *Orsz. Közegészs. Int. közl.*, 1934, 7: No. 35. — **Zunz**, M. A propos des doses maxima des préparations galéniques des drogues héroïques. *Bull. Acad. méd. Belgique*, 1935, 5. ser., 15: 192-207.

GALEOPSIS.

Will, H. Herba Galeopsidis und die Verwechslungen und Verfälschungen aus der Spezies Galeopsis. *Deut. Apoth. Ztg.*, 1939, 54: 831-4.

GALEOTTI, Guido. Il regime alimentare del contadino Italiano; inchiesta statistica sull'alimentazioni di quaranta famiglie di contadini italiani. p.1047-1204. 8° Roma, Rcale Accad. Italia, 1935.

Forms Estr. No. 16. Mem. Accad. Italia.

GALES, Jean Chrisanthe, 1783-1854.

Broder, L. Jean-Christanthe Galès: pharmacien de l'Hôpital Saint-Louis. *Paris méd.*, 1933, 88: annexe, 66-74.

GALESIO, Bartolomeo, 17. century. De podagra [2. enl. ed.] [19] l. 316p. [4] l. Bologna, Franc. Catani, 1633.

GALETTE, Oskar, 1907- *Frage der Nervnadel als Fremdkörper in den tieferen Luft- und Speisewegen. 23p. 8° Frankf. a. M., A. Beck, 1935.

GALEWSKI, Alfred, 1899- *Differential-diagnose zwischen diabetischem und hypoglykämischem Coma. 22p. 8° Berl., Michel, 1933.

GALEWSKI, S. *Versuch einer pragmatischen Geschichte der manuellen Hilfe bei der Geburt. 62p. 8° Lausanne, C. Risold & fils, 1937-38.

GALEWSKY, E[ugen Emanuel] 1864-1935.

See **Finkelstein**, Heinrich, **Galewski**, R., & **Halberstaedter**, L. Hautkrankheiten und Syphilis im Säuglinge [&c.] *Atlas*. 76p. 4° Berl., 1922. Also 2. Aufl. 80p. 1924.

For biography see *Bull. Soc. fr. derm. syph.*, 1935, 42: 567 (M. Goucrot)

— **MAYR**, J. K., & **STEIN**, R. O. Haarc und Haarboden. Schweissdrüsen; Talgdrüsen. vii, 468p. 107 illust. 8° Berl., J. Springer, 1932.

Forms Bd 13, T. 1., Handb. Haut- u. Geschlechtskr. (Alexander) Berl., 1927-32.

GALEY, Jean Jacques, 1916- *Les fibromyomes de la portion intra-abdominale des ligaments ronds. 53p. 24cm. Par., M. Vigné, 1939.

GALEZOWSKI, Jean, 1879-1937.

Terrien, F. Nécrologie. *Arch. opht.*, Par., 1937, n. ser., 1: 334.

GALFRE, Edouard V. *Méthode d'ostéosynthèse résorbable [Genève] 46p. 8° Par. G. de Zerman, 1928.

GALHARDO Barreiros, Aurelio. *Tratamento das ulceras da perna pela ligadura de caoutchouc. 55p. 8° Lisb., Minerva Central, 1887.

GALICHERE, Jean, 1909- *Etude documentaire et critique sur l'hypophyse antérieure. 134p. 24cm. Par., Les press. modern., 1939.

GALIGHIER, Albert Edward, 1899- The essentials of practical microtechnique in animal biology. 288p. illust. diagrs. 8° Berkeley, Calif., Lab. Microtechn., 1934.

GALILEI, Galileo, 1564-1642.
Bolton, S. K. [Biography] In her Famous men of sc., N. Y., 1938, 10-30.—**Capparoni, P.** [Biography] In his Profil biobibliogr. med., Roma, 1928, 2: 71-4, portr.—**Laemmel, R.** Untersuchung der Dokumente des Galilei'schen Inquisitionsprozesses. Arch. Gesch. Math. Naturwiss., 1927-28, 10: 405-19.—**Marcolongo, R.** Nel trecentenario dei discorsi sopra due nuove scienze di Galileo Galilei. Scientia, Bologna, 1939, 65: 143-50.—**Vaccaro, L.** [Biography] Ann. M. Hist., 1935, 7: 372-84.—**Galileo, Galilei:** Physician-astronomer. Med. Life, 1933, 40: 294-303.—**Wiener, P. P.** The tradition behind Galileo's methodology. In Ostris, Bruges, 1936, 1: 733-46.

GALIMARD, Henri Paul, 1907-—*Con-
 tribution à l'étude pathogénique des hyper-
 tensions artérielles. 56p. 8° Par., Impr.
 Mouysset, 1932.

GALIMARD, Jacques, 1908-—*Les vacci-
 nées et, en particulier, le Vaccinium myrtillus
 L. en thérapeutique. 56p. 24cm. Par., Jouve,
 1939.

GALIMARD, Pierre, 1912-—*Hippocrate
 et la tradition pythagoricienne. 71p. 24cm.
 Par., Jouve, 1939.

GALIN, Sara, 1911-—*Contribution à
 l'étude de la technique et des indications du
 massage utérin. 63p. 8° Par., Lipschutz,
 1936.

GALINDEZ y Rivero, Jesús. Tratamiento de
 la catarata senil. p.l. 220p. illust. 8° Madr.,
 A. de Huérfanos, 1929.

GALINDO, J. Horacio, 1908-—*Le
 paludisme d'altitude au Guatemala. 39p. 8°
 Par., L. Cario, 1936.

GALINIER, Georges, 1908-—*La gangosa
 et les rhino-pharyngites mutilantes des tropiques.
 87p. 8° Par., Jouve & cie, 1934.

GALINSKY, Ber. *Zwilling- und Mehrlings-
 geburten des Basler Frauenspitales vom 1.
 Januar 1911 bis 1. Januar 1921 [Basel] 32p.
 8° Strasb. [n. pub.] 1926.

GALITZI, Christine Avghi, 1899-—*A
 study of assimilation among the Roumanians in
 the United States [Columbia Univ.] 284p. 8°
 N. Y. [n. pub.] 1929.

GALL, Francis Joseph, 1758-1828.
Brett, G. S. Francis Joseph Gall, and the state of medicine
 at the end of the 18. century. Canad. J. M. & S., 1927, 61:
 63-70.—**Ebstein, E.** Franz Joseph Gall im Kampf um seine
 Lehre auf Grund unbekannter Briefe an Bertuch usw.; sowie
 im Urteile seiner Zeitgenossen. In Essays Hist. Med., Zür.,
 1924, 269-322. 2 portr.—**Hollander, B.** The centenary of
 Francis Joseph Gall, 1758-1828. Med. Press & Circ., Lond.,
 1928, n. ser., 126: 7-10.—**Morin, G.** L'étrange vie de François
 Joseph Gall. Paris méd., 1928, 70: annexe, 388-95. —
 En marge du centenaire de F. J. Gall: les ennemis de la phréno-
 logie. Ibid., 1929, 72: annexe, 163-9.—**Ott, T.** [Biography]
 Zschr. Menschenk., 1927, 4: 193-200.

GALL, Hans, 1909-—*Ueber apikale
 Heilungsvorgänge nach Pulpaexstirpation ohne
 Wurzelfüllung. 32p. 12 pl. 8° Zür., 1936.

GALL, Moses, 1910-—*L'accouchement
 prémature à la maternité de Lariboisière de
 1926 à 1936. 36p. 8° Par., M. Lavergne, 1937.

GALL.

See also Plant, Disease.
Bachmann, E. Die Pilzgallen einiger Cladonien; Blatt-
 gallen und beblätterte Gallen. Arch. Protistenk., 1928, 64:
 109-51.—**Cosens, A.** A contribution to the morphology and
 biology of insect galls. Univ. Toronto Stud., 1912, biol. ser., 9:
 297-387. Also repr.—**Gabriel, C.** Observations sur quelques
 galls de cucurbitacées à Heterodera radicola Greeff. C.
 rend. Soc. biol., 1926, 95: 494-7.—**Gourley, J. E.** One hundred
 plant-galls of western Pennsylvania. Abstr. Theses Univ.
 Pittsburgh, 1933, 9: 318.—**Kendall, J.** The structure and
 development of certain eriophyid galls. Zschr. Parasit., 1929-
 30, 2: 477-501.—**Kostov, D.** Cytology of
 nematode galls on Nicotiana roots. Zbl. Bakt., 2. Abt., 1930,
 81: 86-91. 2 pl.—**Levine, M.** Studies on crown gall trans-
 plants. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 235-7.—
Trotter, A. Di una nuova specie d'acaro [Eriophyes] d'Asia
 minore produttore di galle su tamaris. Atti Ist. veneto sc.,
 1900-01, 8. ser., 3: pt 2, 953-5.

GALLAGHER, Bernard A[lfred] 1880-—
 Diseases of poultry. 40p. 8° Wash., Gov.
 Print. Off., 1923.

Forms No. 1337, Farmers' Bull. U. S. Dep. Agr.

GALLAHER, Harry. History of chiropractic;
 a history of the philosophy, art and science of
 chiropractic and chiropractors in Oklahoma;
 together with a biographical history of the promi-
 nent exponents of the science. vii, 176p. 8°
 [Guthrie, Okla., W. E. Welch & W. H. Pattie,
 1930]

GALLAIS, Georges, 1899-—*Le paludisme
 en France autrefois et aujourd'hui. 107p. 8°
 Par., M. Vigné, 1925.

GALLAIS, Pierre, 1900-—*Oblitération
 du cul-de-sac de Douglas comme complément de
 l'hystéropexie (cloisonnement étagé par ferme-
 ture en bourse) 63p. 8° Par., Jouve & cie,
 1927.

GALLAND, Francis, 1905-—*Fièvre vitu-
 laire et eclampsie; entités morbides distinctes?
 [Alfort] 76p. 8° Par., Ass. Doctorat, 1930.

GALLAND, Fritz, 1903-—*Ueber Gan-
 glioneurome. 46p. 8° Münch. [n. pub.] 1927.

GALLAND, Gaston, 1912-—*Contribution
 à l'étude médico-légale des lésions osseuses par
 coups de feu. 30p. 24cm. Par., A. Lapied, 1939.

GALLAND, Pierre, 1905-—*L'église et
 l'hygiène au Moyen-Age. 220p. 8° Par.,
 Libr. M. Lac, 1933.

GALLANDAT, Louis. *Contribution à l'étude
 des myocardites rhumatismales. 40p. 8° Lau-
 sanne, Impr. Commerciale, 1934.

GALLARDO-DIAZ, José A. *La médecine
 au Mexique pendant la période précoloniale et
 coloniale. 28p. 22cm. Lausanne, C. Risold &
 fils, 1938.

GALLARDO Schencke, Tomas. *Radio-
 diagnóstico de las alteraciones del reborde del
 arco alveolar. 52p. 8° Santiago, C. & M.
 Molina Lackington, 1929.

GALLATI, Josef. *Die relativen Dicken-
 werte von Rinde und Kern der menschlichen
 Linse in verschiedenen Lebensaltern [Basel]
 16p. 8° Berl., S. Karger, 1923.

GALLAUDET, Bern Budd, 1860-—A
 description of the planes of fascia of the human
 body; with special reference to the fascia of the
 abdomen, pelvis and perineum. 75p. 8°
 N. Y., Columbia Univ. Press, 1931.

— & **DIXON-JONES, Charles N.** Surgery;
 a manual for students and practitioners. 301p.
 12° Phila., Lea Bros. & Co., 1893.

GALLAVARDIN, Louis, 1875-—Les an-
 gines de poitrine. 2 p. l. 181p. 8° Par.,
 Masson & cie., 1925.

— & **TOURNAIRE, A.** Le névroses
 tachycardiques. 120p. i p. 8° Par., Masson &
 cie, 1935.

GALLBLADDER.

See also Bile-duct, cystic; Bile-ducts; Liver.
CHIRAY, M. La vésicule biliaire; anatomie,
 physiologie, sémiologie, pathologie, thérapeu-
 tique; avec un exposé de radiologie vésiculaire
 par A. Lomon. 568p. 8° Par., 1927.

— & **PAVEL, I.** La vésicule biliaire et ses
 voies d'excrétion. 2. éd. 863p. 8° Par., 1936.

Hackett, W. L. Surgical anatomy of the gall-bladder
 region. J. Michigan M. Soc., 1927, 26: 26-30.—**Mayo, C. H.**
 Philosophic considerations of the gallbladder. Tr. Am. Surg.
 Ass., 1930, 48: 240-8.—**Milam, E. B.** The gallbladder. J.
 Florida M. Ass., 1939-40, 26: 21-7.—**Perona, P.** La forma e
 la topografia della colecisti in rapporto alla costituzione in-
 dividuale. Gior. clin. med., 1928, 9: 75-80.—**Sherrill, J. G.**
 The gallbladder and the biliary passages. Kentucky M. J.,

1939, 37: 560-4.—**Sistrunk, W. E.** The gallbladder. J. Oklahoma M. Ass., 1932, 25: 499-506.

— Abnormity, deformity, and variety.

See also subheading: double.

DENVIL, P. *A propos de quelques nouveaux cas de malformations hépato-biliaires en pathologie infantile. 34p. 24cm. Par., 1939.

Bársony, T. Die Faltengallenblase. Arch. Verdauungskr., 1929, 45: 89-101.—**Boyden, E. A.** The Phrygian cap in cholecystography; a congenital anomaly of the gallbladder. Am. J. Roentgen., 1935, 33: 589-602.—**Chiray, M., & Lomon, A.** Le cloisonnement transversal congénital de la vésicule biliaire. Presse méd., 1934, 42: 1559-61.—**Crowell, C. V.** Congenital anomaly and extrahepatic ducts of the gallbladder. J. Tennessee M. Ass., 1934, 27: 316-8.—**Poa, A.** Estudios radiológicos sobre las deformaciones de la vesícula biliar. Rev. cir., B. Air., 1931, 10: 71-93.—**García Lagos, H., Ugón, V. A., & Cantón, R. E.** Congenital anomalies of the gallbladder; a review of 148 cases, with report of a double gallbladder. Arch. Surg., 1936, 32: 131-62.—**Hanganut, M., & Popa, R.** Les malformations congénitales de la vésicule biliaire; étude clinique, radiologique et histopathologique. C. rend. Congr. internat. insuff. hépat., 1937, 1. Congr., 491-5.—**Higgins, G. M.** Anatomy of the gallbladder and extrahepatic biliary tract: anatomic abnormalities. In Dis. gallbladder (W. Walters) Phila., 1940, 11-40. — Pancreatic bladders and anomalous gallbladders. Proc. Mayo Clin., 1929, 4: 155.—**Hilt, L. M.** Bilobed gall-bladder (vesica fellea divisa) Radiology, 1937, 28: 233.—**Irger, J. M.** [Case of gall bladder of hour-glass form] Vrach. delo, 1926, 9: 983.—**Judd, E. S., & Castleton, K. B.** Some unusually large gallbladders; a clinicopathologic study. Minnesota M., 1933, 16: 170-2.—**Levine, S.** Congenital malformations of the gallbladder; report of 3 cases observed by cholecystography. Arch. Int. M., 1928, 41: 198-209.—**Lichtenstein, M. E.** Significance of the folded fundus gallbladder. Surg. Gyn. Obst., 1937, 64: 684-8.—**McMahon, D. E.** Bi-locular gall-bladder, with perforations into colon and gall-bladder; a case report. Long Island M. J., 1927, 21: 225-7.—**Mascheroni, H. A., Reussi, C., & Lafage, L. A.** Las deformaciones congénitas de la vesícula biliar. Rev. méd. quir. pat. fem., B. Air., 1939, 13: 37-56.—**Meyer, W. H., Carter, R. P., & Meeker, L. H.** The Phrygian cap deformity of the gallbladder. Am. J. Roentgen., 1937, 27: 786-9.—**Moreau, L.** Vésicule en bonnet phrygien. Bull. Soc. électroradiol. méd. France, 1938, 26: 67.—**Picot, A.** Anomalie rare de forme de la vésicule. Ibid., 1939, 27: 485-7.—**Porta, R., & Piotti, G.** Deformazione congenita ed acquisite delle cistifellea; rilievi colicografici. Radiol. med., Milano, 1937, 24: 939-57.—**Potvin, A. R., & Payeur, L.** Anomalie vésiculaire. Laval méd., 1936, 1: 288-92.—**Schumacher, O.** Ueber einige Veränderungen der Gallenblase. Arch. klin. Chir., 1930, 160: 499-505.—**Sigmund, A.** Les images cholecystographiques des malformations congénitales de la vésicule biliaire. J. radiol. élect., 1934, 18: 113-30.—**Stolkind, E.** Congenital abnormalities of the gall-bladder and extrahepatic ducts; a review of 245 reported cases with reports of 31 unpublished cases. Brit. J. Child. Dis., 1939, 36: 115; passim. Also repr.—**Straus, D. C.** Kinks of the neck of the gall-bladder and the beginning of the cystic duct. Surg. Clin. N. America, 1925, 5: 947-58.—**Ugelli, L.** Su alcune malformazioni congenite della cistifellea. Policlinico, 1935, 42: sez. chir., 423-36.—**Walzel, P.** Zur Möglichkeit der röntgenologischen Beurteilung von Anomalien und Variationen der Gallenblase. Fortsch. Röntgenstrahl., 1930, 42: 635-9.

— Actinomycosis.

FAME, F. *Actinomycose de la vésicule biliaire [Basel] 23p. 8°. Lausanne, 1927. Also Rev. méd. Suisse rom., 1926, 46: 1-16.

Lino, G. L'actinomycosi della colecisti. Clin. chir., Milano, 1934, 37: 418-28.—**Sullivan, R. C., Francona, N. T., & Ragins, A. B.** Actinomycosis of the gallbladder. J. Am. M. Ass., 1939, 113: 408-10.

— Adenoma.

Barbiroli, M. Adenomi sperimentali della cistifellea. Gazz. internaz. med. chir., 1933, 41: 251-60, pl.—**Judd, E. S., & Hoerner, M. T.** Adenoma and adenomyoma of the gallbladder. Surg. Clin. N. America, 1935, 15: 1091-7.—**Király, J.** Gallenblasadenom. Arch. klin. Chir., 1933-34, 178: 780-5. Also Orv. hetil., 1933, 77: 1046.—**Shambaugh, P.** Multilocular papillary cystadenoma of the gall-bladder. Am. J. Surg., 1933, 22: 229-31.—**Vecchi, A.** Polipo adenomatoso della parete della cistifellea di grande volume. Arch. sc. med., Tor., 1929, 53: 188-92, pl.—**Wellbrock, W. L. A.** The occurrence and possible significance of adenoma of the gall-bladder. Am. J. Surg., 1934, 23: 358-60. Also repr.

— Adhesion.

See subheading Pericholecystitis; also Peritonitis.

— Amebiasis.

See also Amebiasis.

RISGALLA, J. *Existe-t-il des cholécystites amibiennes? discussions (arguments cliniques et thérapeutiques) 48p. 8°. Par., 1926.

Abd el Aziz Ismail. Amoebic cholecystitis. C. rend. Congr. internat. méd. trop., 1932, 2. Congr., 4: 1223-8.—**Petzetakis, M.** De la réalité de la cholécystite amibienne: présence d'amibes dans un cas de cholécystite calculeuse purulente. Arch. ital. sc. med. col., 1928, 9: 401-1. Also Rev. méd. chir. nal. foie, 1929, 4: 193-218. Also C. rend. Congr. internat. med. trop., 1932, 2. Congr., 4: 1229-64. — Le cholécystite amibienne primitive. Lyon méd., 1926, 137: 74-8. Les formes cliniques de la cholécystite amibienne. Arch. ital. sc. med. col., 1929, 10: 293-316. — La cholécystite amibienne calculeuse; présence d'amibes dans le pus d'un cas de cholécystite calculeuse purulente. Rev. méd. hyg. trop., Par., 1929, 21: 22-4.—**Sfameni, M.** Esiste una colestiti amebica primaria? Riforma med., 1929, 45: 1547-51.—**Staffieri, D.** La colestiti amibiana. Dia méd., B. Air., 1934-35, 7: 247-50.—**Tanon, L., & Trabaud.** Cholécystites amibiennes primitives. Rev. méd. hyg. trop., Par., 1926, 18: 65-73.

— Aplasia.

BARNSTORF, F. *Zur Agenesie der Gallenblase. p.304-18. 8°. Gött., 1931.

Also Frankf. Zschr. Path., 1931, 42:

GHOZLAND, E. H. *Considérations sur l'atrésie et l'absence congénitales de la vésicule biliaire chez l'homme; leurs rapports avec la dilatation et la lithiase autochtone du cholédoque. 60p. 8°. Par., 1937.

Bower, J. O. Congenital absence of the gall-bladder. Ann. Surg., 1928, 88: 80-90.—**Boyden, E. A.** An inquiry into the cause of congenital absence of the gall bladder. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 86.—**Brack, E.** Ueber das angeborene Fehlen der Gallenblase. Deut. Zschr. Chir., 1929, 221: 283.—**Bruchsaler, F. S.** Congenital absence of the gall-bladder and obliteration of the extrahepatic bile ducts. Arch. Pediat., N. Y., 1939, 56: 731-7.—**Danzis, M.** Congenital absence of the gall-bladder. Am. J. Surg., 1935, 29: 202; 308.—**Golob, M.** Interesting aspects of a case of congenitally absent gallbladder. J. Am. M. Ass., 1927, 89: 691.—**Lintz, W.** Cholecystography and Lyon-Meltzer test in a patient with a congenitally absent gall-bladder. Am. J. M. Sc., 1927, 173: 682-7.—**Lockhart, R. D.** Congenital absence of the gall bladder. J. Anat., Lond., 1927-28, 62: 108.—**Meyer, A. W.** Aplasia der Gallenblase. Deut. Zschr. Chir., 1929, 219: 411-13.—**Michaelsson, E.** [Case of cholelithiasis with congenital defect of the gall-bladder] Sven. läk. tidn., 1933, 30: 843.—**Miller, J. K.** Congenital absence of gall bladder. Am. J. Surg., 1936, 33: 315.—**Patrassi, G.** Aplasia della cistifellea. Patologica, Genova, 1931, 23: 662-7.—**Robertson, H. F., Robertson, W. E., & Bower, J. O.** Congenital absence of the gallbladder, with primary carcinoma of the common duct and carcinoma of the liver. J. Am. M. Ass., 1940, 114: 1514-7.—**Schmidt, L.** Zur Aplasia der Gallenblase. Deut. Zschr. Chir., 1928, 210: 409-15. Also Orv. hetil., 1928, 72: 323-5.—**Stefanelli, C.** Assenza congenita della cistifellea ed iterio ex emotione. Policlinico, 1934, 41: sez. chir., 503-16.—**Tallmadge, G. K.** Congenital absence of the gallbladder. Arch. Path., Chic., 1938, 26: 1060-2.—**Zwicker, K. A.** Die Röntgendiagnose der angeborenen Fehlanlagen der Gallenblase. Fortsch. Röntgenstrahl., 1936, 53: 388-96.

— Bacteria.

See also subheading Inflammation: Bacteriology; also Bile, Bacteriology.

Anardi, T. Influenza della stasi sul microbismo della bile e della cistifellea dei cani. Riv. pat. sper., 1926, 1: 477-89.—**Andrews, E., & Henry, L. D.** Bacteriology of normal and diseased gallbladders. Arch. Int. M., 1935, 56: 1171-88.—**Fedeli, F.** Ricerche sperimentali sul microbismo della cistifellea nelle stenosi intestinali. Ibid., 1929, 4: 329-58, 3 pl.—**Friesleben, M.** Bakteriologische Befunde bei exstirpierten Gallenblasen (mit besonderer Berücksichtigung der Enterokokkenbefunde) Münch. med. Wschr., 1928, 75: 81-3.—**Fuld, J.** Ein Beitrag zur Bakteriologie der Gallenblase. Arch. klin. Chir., 1927, 144: 369-403.—**Gröniger, J.** Zur Bakteriologie der Leichen Gallenblase unter Berücksichtigung der Gundermannschen Befunde. Mitt. Grenzgeb. Med. Chir., 1926-27, 40: 389-98.—**Haase, W.** Untersuchungen operativ entfernter Gallenblasen auf ihren Keimgehalt. Beitr. klin. Chir., 1931, 152: 305-9.—**Hedry, M.** Beiträge zur Bakteriologie der Gallenblase; auf Grund der Untersuchung von 100 operierten Fällen. Ibid., 1925-26, 135: 665-74.—**Jacobsthal, E.** Bakteriologie von Duodenum und Gallenblase. In Balm. & Balneother. Karlsbad (1930) 1931, 12: 189-210.—**Judd, E. S., Mentzer, S. H., & Parkhill, E.** A bacteriology study of gall-bladders removed at operation. Am. J. M. Sc., 1927, 173: 16-23.—**Kliwne, H., & Rose, G.** Bakteriologische Befunde bei Gallenblasenoperationen. Deut. Zschr. Chir., 1929, 216: 78-88.—**Nedzel, A. J., & Arnold, L.** Influence of eggwhite in the duodenum upon the

elimination of bacteria into the gallbladder. *Proc. Soc. Exp. Biol.*, N. Y., 1930-31, 28: 364-6. — Absorption of bacteria from the gallbladder. *Ibid.*, 366. — **Nichols, H. J.** Alkaline treatment of early gall bladder carriers with observations on their detection by aid of the duodenal tube. *J. Am. M. Ass.*, 1917, 68: 958-61. — **Núñez y Portuondo, R., Márquez, R.** [et al.] Contribución al estudio bacteriológico de las vesículas extirpadas quirúrgicamente. Vida nueva, Habana, 1930, 26: 105-27. — **Rasch, K., & Peters, W.** Ueber den Keimgehalt von Gallenblasen erwachsener Rinder. *Zschr. Fleisch Milchwhyg.*, 1931-32, 42: 113. — **Schultze, W. H.** Zur Bakteriologie der operativ entfernten Gallenblasen. *Virchows Arch.*, 1930, 275: 717-22. — **Tedeschi, C.** Sul contenuto batterico della cistifellea. *Patologica, Genova*, 1931, 23: 457-63. — **Teneff, S., & De Palo, A.** Sul tropismo elettivo dei germi isolati dalla colecisti e coltivati su terreni contenenti bile. *Gior. batt. immun.*, 1935, 15: 521-49.

Blood vessels [and diseases]

Bagalà, G. Sulla fine circolazione sanguigna della vescichetta biliare. *Ricer. morf.*, 1934, 14: 447-55. — **Breckoff, K.** Seltener Gallenblasenbefund. *Fortsch. Röntgenstrahl.*, 1928, 37: 60. — **Fishelson, I. M.** [Topography of cystic artery] *Vrach. delo*, 1925, 8: 1297-9. — **Kreider, P. G.** The anatomy of the veins of the gall bladder; their relation to an impacted stone. *Surg. Gyn. Obst.*, 1933, 57: 475-82. — **Letichevsky, B. I.** [The veins of the gall-bladder] *Arch. russ. anat.*, 1939, 20: 225-56. — **Maluschew, D.** Varicnebildungen an der Gallenblase. *Zbl. Chir.*, 1936, 63: 1533. — **Rosenthal, S. R.** Ruptured aneurysm of the cystic artery of the gallbladder as a result of toxic arteritis; report of a case. *Tr. Chicago Path. Soc.*, 1931, 13: 420-33. — **Rubasheva, A.** Die Blutversorgung der Gallenblase. *Fortsch. Röntgenstrahl.*, 1930, 41: 957-65.

calcified [porcelain]

BLATTER, R. *Die Porzellan-Gallenblase im Röntgenbild [Basel] p.169-77. 8° Stockh., 1934.

Also *Acta radiol.*, 1934, 15:

MITTEMAYER, H. [O.] *Ueber die Wandverkalkung der Gallenblase [Frankfurt] 33p. 8° Limburg, 1936.

Bayless, B. W., & Skinner, C. Calcification of gallbladder; case report. *Internat. J. Surg.*, 1925, 38: 305. — **Bigliardi, I.** Calcificazione totale della cistifellea (cistifellea porcellana) *Gior. clin. med.*, 1935, 16: 1412-20. — **Brown, R.** Calcification of the gall bladder. *Tr. West. Surg. Ass.* (1931) 1932, 41: 229-32. — **Chiray, M., & Pavel, I.** La calcification de la vésicule biliaire. *Presse méd.*, 1930, 38: 1588-91. — **Engelstad, R. B.** [Calcareous gall bladder] *Norsk. mag. laegevid.*, 1935, 96: 407-11. — **Flörcken, H.** Die Porzellan Gallenblase (Cholecytopathia chronica calcarea) *Deut. Zschr. Chir.*, 1929, 216: 264-70. — **Goldhamer, K.** Ueber Petrifikation der Gallenblasenwandung. *Fortsch. Röntgenstrahl.*, 1930, 42: 95-102. — **Gurd, F. B.** A case of calcification of the gall-bladder. *Canad. M. Ass. J.*, 1936, 34: 187. — **Herz, F.** Zur Differentialdiagnose zwischen verkalkter Gallenblase und Solitärstein beziehungsweise Zyste. *Röntgenpraxis*, 1931, 3: 307-13. — **Orlandini, L.** Colecistopatia cronica calcarea (cistifellea a porcellana) *Riv. radiol.*, 1932-33, 7: 758-63. — **Pini, R.** Vesicula biliar calcificata. *Bol. Soc. cir. B. Aires*, 1934, 18: 6-18. — **Ratti, A.** Su un caso di cistifellea incrustata e calciosa. *Arch. radiol.*, 1934, 10: 443-6. — **Robb, J. J.** Observations on calcification of the gall-bladder; with the presentation of a case. *Brit. J. Surg.*, 1928-29, 16: 114-9. — **Russum, B. C., & Hill, F. C.** Calcification of the gall-bladder. *Am. J. Surg.*, 1935, 28: 129-34. Also repr. — **Salmon, M.** La calcificatione della cistifellea. *Studium, Nap.*, 1934, 24: 277-81. — **Scopetta, G.** Un caso di calcificazione della cistifellea. *Bull. Acad. med. Roma*, 1933, 69: 361. — La calcificazione della cistifellea (cistifellea porcellana) *Arch. ital. chir.*, 1935, 39: 785-96. — **Véšin, S.** [Petrification of the gall-bladder; aspect of roentgen diagnosis and its clinical value] *Cas. lék. česk.*, 1937, 76: 616-9. — **Westerkamp, H.** Zur Differentialdiagnose der Porzellan Gallenblase. *Röntgenpraxis*, 1935, 7: 751-3.

Calculus.

See also **Biliary calculus.**

Bianchini, A. Considerazioni a proposito di un raro caso di calcolo della cistifellea. *Policlinico*, 1923, 30: sez. chir., 400-11. — **Cameron, A. T., White, F. D., & Meltzer, S.** Calcium carbonate deposits in the human gall bladder. *Canad. M. Ass. J.*, 1938, 39: 441-6. — **Maier, O.** Zur Entstehung des solitären Cholesterinsteines der Gallenblase. *Arch. klin. Chir.*, 1934, 181: 322. — **Riegel, C., Ravdin, I. S.** [et al.] The composition of the gall-bladder bile and calculi in gall-bladder disease. *Surg. Gyn. Obst.*, 1936, 62: 933-40. — **Schiassi, B.** La calcolosa de la vésicule biliaire. *J. chir., Par.*, 1934, 43: 8-33. — Il progresso non si raggiunge solo con lo scoprire il nuovo ma anche col muovere dall'errore verso la verità (a proposito della calcolosi della cistifellea) *Policlinico*, 1934, 41: sez. chir., 53-75. — **Timofeev, N. S.** Eiweißstein der Gallenblase. *Arch. klin. Chir.*, 1933-34, 178: 203-6.

Calculus: Age incidence.

MORIN, E. *A propos de 3 cas anormaux de lithiase vésiculaire chez des sujets jeunes. 45p. 8° Par., 1934.

Biggs, T. J. Cholelithiasis and hydrops of the gall-bladder in a child. *Med. J. Australia*, 1936, 1: 821. — **Hamilton, H. B., & Bisgard, J. D.** Cholecystitis and cholelithiasis of childhood. *J. Am. M. Ass.*, 1934, 103: 829.

Calculus: Complication.

See also subheadings **Cancer**; **Fistula**; **Inflammation, calculus**; **Perforation**; also **Intestine, Occlusion**; **Peritonitis**.

BOUTIN, A. *Contribution à l'étude des perforations de la vésicule biliaire lithiasique en péritoine libre. 76p. 8° Par., 1927.

GARRIGOUX, H. *Les perforations spontanées de la vésicule biliaire lithiasique en péritoine libre. 60p. 8° Par., 1926.

Botteselle, R. Considerazioni sulla eventuale dipendenza da progressa ferità di guerra di una perforazione di colecisti calciosa. *Riv. chir.*, 1925, 4: 10-21. — **Charrier, J.** Hydrocholecyste calculeux avec calcules pelviens. *Bull. méd.*, Par., 1925, 39: 1169. — **Clavel, C., & Riahy, M.** L'occlusion du gros intestin dans la lithiase vésiculaire. *Lyon méd.*, 1931, 147: 253-61. — **Desjardes, R.** Péritonite aiguë généralisée d'origine vésiculaire, sans perforation visible de la vésicule biliaire, chez un vieillard de 68 ans; drainage sous-hépatique et cholecystostomie; guérison. *Ibid.*, 1929, 143: 677-81. — **Echevarria, O.** Peritonitis generalizadas de origen vesicular. *An. Fac. med. Montev.*, 1929, 14: 411-6. — **Esau.** Hämorrhagischer Wandinfarkt der chronischen Steingallenblase mit Blutungen in den Darm. *Arch. klin. Chir.*, 1925, 135: 782-5. — **Fazio, J. M.** Perforaciones de la vesícula biliar en peritoneo libre en el curso de la litiasis biliar. *Sem. méd.*, B. Air., 1929, 36: 140-57. — **François-Dainville, E., & Thin, E.** Vésicule biliaire lithiasique rompue en péritoine cloisonné; poche sous-phrénique péri-vésiculaire ayant fonctionné comme pseudo-vésicule. *Bull. Soc. anat. Paris*, 1922, 92: 115-9. — **Göbl, A.** [Cholelithiasis and perforation of the gall bladder] *Orv. hetil.*, 1927, 71: 522. — **Gosset, A., Desplas, B., & Bonnet, L.** Les perforations de la vésicule biliaire lithiasique. *J. chir., Par.*, 1925, 25: 257-82. — **Herr, E. A.** Cholecystoduodenostomy by nature. *Med. J. & Rec.*, 1925, 122: 279. — **Kadrnka, S.** Amincissement de la muqueuse gastrique (aspect pseudo-atrophique) dans la cholélithiase. *P. verb. Congr. internat. gastroent.*, 1935, 1. Congr., 555-7. — **Lamas, A.** Retroflexión de una vesícula biliar calciosa. *An. Fac. med. Montev.*, 1925, 10: 494-6. — **Panicucci, E. D.** Contributo casistico allo studio dei rapporti che passano tra stimoli irritativi cronici e produzioni neoplastiche nelle cistifellee calciose. *Patologica, Genova*, 1930, 22: 196-200. — **Porzelt, W.** Ueber Durchbruchperitonitis der steingefüllten Gallenblase und Gallensteinwanderung in der Bauchhöhle. *Zbl. Chir.*, 1928, 55: 1933-5. — **Quénou, J., & Routin, A.** Diagnostic et traitement des perforations de la vésicule biliaire lithiasique en péritoine libre. *Gaz. méd.*, 1927, 669-72. — **Santy, P., & Dunet, C.** Lithiase vésiculaire latente; cholecysto-duodéno-anastomose spontanée entraînant une sténose duodénale simulante un néoplasme pylorique. *Lyon méd.*, 1922, 131: 66-8. — **Sebek, A.** [Perforation of the gall-bladder in cholelithiasis] *Bratisl. lek. listy*, 1922-23, 2: 159-63. — **Stoia, I. C., & Stănculescu, P.** [Considerations on neoplasms and biliary calculus] *Rev. şt. med.*, Bucur., 1935, 24: 171-8.

Calculus: Diagnosis.

Chiray, M., Albot, G. [et al.] L'épreuve de la galactosurie dans la lithiase vésiculaire; étude fonctionnelle du foie. *Paris méd.*, 1935, 97: 325-32. — **Darbois.** Radiographie d'une vésicule biliaire ptosée contenant 15 calculs. *Bull. Soc. radiol. méd. France*, 1922, 10: 179. — **Dillenseger & Picot.** Vésicule calculeuse visible à l'écran sans préparation. *J. radiol. élect.*, 1932, 16: 381. — **Gaillard.** Radiographie d'une vésicule biliaire contenant un volumineux calcul. *Bull. Soc. radiol. méd. France*, 1926, 14: 154. — **Hirtz, E. J.** Radiographie d'une vésicule biliaire calculeuse extirpée et comparaison avec le cliché radiologique pris sur le sujet avant l'opération. *Ibid.*, 1922, 10: 32. — **Keller.** Radiographie de calculs de la vésicule avec spasme du duodénum. *Ibid.*, 127. — **Keller, J.** Du bulbe duodénal en fer de lance dans la lithiase vésiculaire. *Arch. mal. app. digest.*, Par., 1923, 13: 482-7. — **Laquerrière, P., & Léonard, D.** Les erreurs d'interprétation dans le radiodiagnostic des calculs de la vésicule biliaires. *Union méd. Canada*, 1935, 64: 1142-9. — **Rugani, L.** Sindrome dolorosa e scoliosi cervicale da colecistite calciosa (valore dell'indagine Röntgen sistemica) *Gior. med. prat.*, 1933, 15: 51-6. — **Zimmer, E. A.** Gallensteine und ihre Erkennung in der nicht kontrastgefüllten Gallenblase. *Röntgenpraxis*, 1934, 6: 723-7.

Calculus, intramural.

Baroni, B. Sulla genesi interstiziale dei calcoli nella cistifellea. *Arch. ital. anat. pat.*, 1934, 5: 76-96. — Studi e ricerche sulla calcolosi intramurale e sulla calcolosi inter-

stiziale della cistifellea. Arch. ital. chir., 1934, 38: 273-337.—**Biancheri, T.** Contributo alla conoscenza della calcocoli intraparietale primitiva della colecisti. Pathologica, Genova, 1933, 25: 46-50.—**D'Agata, G., & Baroni, B.** Contributo alla migliore conoscenza della calcocoli intramurale della cistifellea. In Scritti in onore di E. Burci, Nap., 1930, 201-6.—**Davis, J. E., & Rookmyer, R. H.** Intramural calcification of the gall-bladder. Ann. Surg., 1932, 96: 413-7.—**Gosset, A., Duval, P.** [et al.] Les calculs vésiculaires intramurales; étude anatomique. Presse méd., 1930, 38: 161, 2 pl.—**Gutiérrez, A., & Monserrat, J. L.** Consideraciones sobre dos observaciones de cálculos vesiculares intramurales. Rev. cir., B. Air., 1931, 10: 103-18.—**Razzaboni, G.** Sulla rara possibilità della diagnosi radiologica della calcocoli biliare intramurale. Riv. radiol., 1930, 2: Suppl. 145.—**Rossi, A.** Sulla rara possibilità della diagnosi radiologica di calcocoli biliare intramurale. Ann. radiol., Bologna, 1934, 8: 153-81.—**Rutherford, R.** Specimen of gall-bladder with gall-stones forming beneath the mucous membrane. Proc. R. Soc. M., Lond., 1934, 27: 1483.

Calculus: Manifestations.

Carnot. Les icteres de la lithiase vésiculaire. Rev. gén. clin. théor., 1928, 42: 705-8.—**Cernezzi, A.** Di una particolare sindrome dolorosa, finora non descritta, in talune calcocoli della cistifellea. Gazz. osp., 1929, 50: 908-14.—**Dillenseger & Picot.** Vésicule calculeuse hypertrophiée et ectopisée chez un vieux colonial ne présentant aucune symptomatologie de lithiase. Bull. Soc. radiol. méd. France, 1931, 19: 492.—**Gómez de Rosas, N.** Vesícula y cálculos biliares formando tumor del flanco y fosa iliaca derecha. Rev. méd. cubana, 1924, 35: 284-6.—**Gosset, A.** Sur la lithiase aseptique de la vésicule biliaire. Bull. Acad. méd., Par., 1927, 3. ser., 98: 218-20.—**Perbellini, L.** Colecistopatia cronica calcarea. Riforma med., 1934, 50: 500.—**Rowlands, R. P.** Recurrence of symptoms after removal of gall stones from the gall-bladder. Brit. M. J., 1922, 2: 541.—**Silhol.** Vésicule biliaire calculeuse simulant un ulcère duodénal. Marseille méd., 1922, 59: 1041.

Calculus: Paste and sand.

Enneking, J. [Amorphous mass in the gallbladder shown by Roentgen rays] Ned. tsehr. genesk., 1933, 77: 670-2, 2 pl.—**Freeman, L.** Gallbladder and cystic duct distended with calcium carbonate paste; cholecystectomy. Colorado M., 1927, 24: 210-2.—**Paschetta.** Présentation d'une radiographie de la vésicule biliaire, remplie de boue. Arch. électr. méd., 1926, 36: 391. Also J. radiol. électr., 1926, 10: 404.—**Soleil, G.** Etude de l'évacuation provoquée d'une vésicule contenant du sable biliaire. Ibid., 1937, 21: 364-6.

Calculus: Pathogenesis.

See also **Biliary calculus**, **Pathogenesis**.

KILLIG, R. *Ueber Steinbildung in Gallenblasenmissbildungen [Halle-Wittenberg] 28p. 8°. Kallmünz, 1932.

Bosch Arana & Casanovas. Contribución al estudio de la patogenia de la litiasis vesicular afresada. Sem. méd., B. Air., 1925, 32: 939.—**Delbet, P., & Godard, H.** Inclusion de calculs biliaires humains dans la vésicule chez le cobaye. Bull. Ass. fr. cancer, 1928, 17: 347-61.—**Edelmann, H.** Ueber die Bakteriologie und Anatomie operativ entfernter Steingallenblasen. Beitr. klin. Chir., 1928, 142: 73-82.—**Illingworth, C. F. W.** The formation of gallstones. Edinburgh M. J., 1936, 43: 481-97.—**Newman, C.** Origin of gall-stones. Med. Press & Circ., Dubl., 1936, 192: 567-70.—**Ramond, F., Dimitresco Popovici, J., & Dany, H.** A propos de l'étiologie de la lithiase vésiculaire. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 160-3.—**Schaefer, W.** Zur Physiologie und Pathologie der Gallenblase in Schwangerschaft, Geburt und Wochenbett, unter besonderer Berücksichtigung der Steinentstehung in dieser Periode. Fortsch. Röntgenstrahl., 1933, 47: 42-59.—**Serra, G.** Esperienze di localizzazione elettiva di germi in organi diversi (contributo della calcocoli della cistifellea) Policlinico, 1934, 41: sez. chir., 76: 156.—**Tanaka, A.** Ueber die Bedeutung des Schwefels bei der experimentellen Entstehung der Gallenblasensteine. Tr. Jap. Path. Soc., 1931, 21: 88; 1932, 22: 815-28.—**Westphal, K., Gleichmann, F., & Mann, W.** Gallenwegsfunktion und Gallensteinleiden; die Resorption der Gallenblase unter verschiedener vegetativ nervöser Reizung. Zschr. klin. Med., 1930-31, 115: 372-406.—**Whitaker, L. R., & Pratt, D. W.** Stone formation in the non-contracting gall-bladder. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 414.

Calculus: Pathology.

CAROLI, J. Hépatites icterigènes de la lithiase; contribution à l'étude du foie au cours de la lithiase vésiculaire. 101p. 8°. Par., 1931.

Bérard, L., Mallet-Guy, P., & Vachez, L. Epreuve de Meltzer-Lyon et indications chirurgicales; essai de classification physiopathologique des vésicules lithiasiques. J. méd. Lyon, 1930, 11: 201-7.—**Fiessinger, N., & Laurence, J.** Lithiase vésiculaire à gros calcul unique. Rev. gén. clin. théor., 1924, 38: 617-9.—**Harrison, F. M., & Barber, W. H.** Effect of living gall-bladder on human biliary calculi. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 226.—**Okiniecz, J.** Les migra-

tions transduodénales directes des calculs vésiculaires. Rev. méd. chir. mal. foie, 1928, 3: 199-208.—**Paul, S. C.** Enlarged gall bladder, with a good deal of thickening of its walls, containing 3 large calculi. J. Ceylon Brit. M. Ass., 1914, 11: 83.—**Enpyema of gall bladder with a small stone impacted at the entrance to the cystic duct.** Ibid., 84.—**Potter van Loon, J.** [Patho-geographic observations on the problem of gall-stones; examination of the duodenum in Javanese and Chinese] Genesck. tsehr. Ned. Indië, 1934, 74: 1736-48.—**Szántó, G.** [Histopathological changes in the nervous elements of the gallbladder from cholelithiasis] Orv. hetil., 1936, 80: 967-9.

Calculus: Treatment.

Balice, G. Ulteriori ricerche sulla rigenerazione della vesichetta biliare e rivendicazione di alcuni concetti personali sulla cura chirurgica della litiasi coleistica. Ann. ital. chir., 1932, 11: 1004-15.—**Bérard, L., & Mallet-Guy, P.** Chirurgie et lithiase aseptique de la vésicule biliaire; lithiase vésiculaire sans cholecystite. Presse méd., 1932, 505-7.—**Carrere, J.** Consideraciones sobre el tratamiento de la litiasis biliar. Dfa méd. urug., 1935, 2: 377-80.—**Chabrol, E.** La médication cholérétique; ses indications et contre-indications dans la lithiase vésiculaire. Nutrition, Par., 1932, 2: 485-506. Also Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 157-83.—**Chiray & Pavre, J.** Le traitement médical et hydro-minéral du cholécyste dans la lithiase biliaire. Gaz. hôp., 1932, 105: 1491.—**Dechahomany.** Zwanzig tausend Steine in der Gallenblase. Zbl. Chir., 1930, 57: 875-7.—**Flint, E. R.** Some experiences in gall-stone surgery. Lancet, Lond., 1936, 1: 1469-72.—**Goldhahn, R.** Gallensteine operieren? Münch. med. Wschr., 1936, 83: 1295-8.—**Graef, W.** Gallenblasen-perforation in die freie Bauchhöhle infolge Steinerzümmung. Zbl. Chir., 1925, 52: 1024.—**Juge & Santelli.** Lithiase vésiculaire; extirpation de la vésicule. Marseille méd., 1922, 59: 1049.—**Kirchmayr, L.** Ueber Steinerzümmung innerhalb der Gallenblase. Zbl. Chir., 1924, 51: 2747-51.—**Masnata, G.** Sulla importanza del drenaggio esterno del coledoco e dell'epatico dopo la coledocotomia per calcocoli. Arch. Soc. ital. chir., 1934, 40: 409.—**Mucci, D.** L'operazione di P. Loretta nella calcocoli coleistica. Gazz. internaz. med. chir., 1927, 32: 429-43, 4 pl. — **Intorno alla cura della calcocoli coleistica.** Ann. ital. chir., 1930, 9: 1177-85.—**Papin, F.** Les indications chirurgicales dans la lithiase de la vésicule biliaire. Prat. méd. fr., 1924, 3: 459-67.—**Pasqualis, D. A.** A propos de 2 cas de cholécystostomie d'urgence pour calculs biliaires. Bull. Soc. chir. Paris, 1928, 20: 774-8.—**Princigalli, S.** Sulla cura chirurgica della calcocoli biliare e delle colecistopatie. Ann. ital. chir., 1936, 15: 319-34.—**Verebely, T.** [Surgery for calculus of the gall-bladder] Orv. hetil., 1926, 70: 671-6.

Cancer.

See also **subheading Sarcoma**.

BELSON, H. J. *Primary carcinoma of the gall bladder [Marquette Univ.] 23p. 8°. Milwaukee, 1932.

LANDAU, F. *Ueber die Klinik des Gallenblasen-Carcinoms; an Hand von 73 Fällen der chirurgischen Universitätsklinik Giessen. 23p. 22½cm. Giessen, 1935.

LEE, HSUEH-YU. *Carcinom der Gallenblase [Berlin] 24p. 8°. Carlottenb., 1927.

PAUCHARD, L. *Contribution à l'étude des formes anormales du cancer de la vésicule biliaire [Lyon] 27p. 25½cm. Montceau les Mines, 1939.

ROESSIGER, W. *Ueber Mischkrebs der Gallenblase; zugleich ein Beitrag zur Metaplasiefrage. p.181-204. 8°. [Basel] 1390.

Also Beitr. path. Anat., 1930, 85:

SALMON, A. R. *Le cancer primitif de la vésicule biliaire; étude anatomopathologique et clinique. 101p. 8°. Par., 1930.

Also Rev. méd., Par., 1932, 49: 77-89.

ZSCHAU, H. *Das primäre Gallenblasen-carcinom; eine klinische Studie auf Grund von 44 Fällen aus der chirurg. Universitätsklinik in Leipzig aus den Jahren 1912-24 (Auszug) 11p. 8°. Lpz., 1925.

Abell, I. Jr. Primary carcinoma of the gall bladder. Kentucky M. J., 1939, 37: 299.—**Abernathy, S.** Cancer of gall bladder, ducts and pancreas. Memphis M. J., 1940, 15: 42.—**Awoki, T.** Ueber einen Hornkrebs der Gallenblase. Virchows Arch., 1925, 258: 276-83.—**Ayerza, L., Serp, E., & Castagna, A.** Cancer primitivo de la vesícula biliar. Arch. argent. enferm. ap. digest., 1938-39, 14: 645-51.—**Bastos, E. S.** O cancer primitivo da vesícula biliar. Ann. paul. med. cir., 1934, 27: 353-63.—**Bengolea, A. J., & Suárez, V.** Cáncer primitivo de la vesícula biliar. Bol. Soc. cir. B. Aires, 1927, 11: 139-47. Also

Sem. méd., B. Air., 1927, 34: 1415.—Bicheler. Le cancer de la vésicule biliaire. Bull. méd., Par., 1933, 47: 738.—Boyce, F. F., & McFetridge, E. M. Carcinoma of the gallbladder. Internat. Surg. Digest, 1936, 21: 67-79.—Branco Ribeiro, E. Adenocarcinoma primitivo da vesícula biliar. Ann. paul. med. cir., 1934, 27: 431-45.—Brown, W. L., Brown, C. P., & Murphy, J. L. Primary carcinoma of the gall bladder (case report) Southwest M., 1936, 20: 172-4.—Carra, A. Cáncer de la vesícula biliar. Bol. Inst. clín. quir., B. Air., 1930-31, 6: 167-70.—Carroll, W. C. Carcinoma of the gallbladder. Minnesota M., 1938, 21: 476-8.—Chodkowska, S. [Case of malignant mixed tumor of the gall-bladder] Nowotwory, 1936, 11: 25-34.—Cioffi, A. Adenocarcinoma primitivo della cistifellea. Policlinico, 1931, 38: sez. chir., 541-5.—Cooper, W. A. Carcinoma of the gallbladder. Arch. Surg., 1937, 35: 431-48.—D'Aunoy, R., Ogden, M. A., & Halpert, B. Primary carcinoma of the biliary system, a clinico-pathological analysis of 40 cases. Surgery, 1938, 3: 670-8.—Erdmann, J. F. Malignancy of the gallbladder. Ann. Surg., 1935, 101: 1139-43, pl.—Finsterer, H. Beginnendes Gallenblasenkarzinom. Wien. med. Wschr., 1925, 75: 2833. — Das Karzinom der Gallenblase. Med. Klin., Berl., 1932, 28: 432-6.—Fritz, L. H., & Bench, E. M. Carcinoma of the gallbladder. J. Iowa M. Soc., 1934, 24: 489.—Garré, E. S., & Dominicus, C. F. de. El cancer primitivo de la vesícula biliar. Rev. med., B. Air., 1940, 2: 136-43.—Gioja, E. Sul carcinoma della cistifellea (contributo anatomo-patologico e clinico). Arch. ital. chir., 1931, 28: 603-20.—Hochberg, L. A., & Kogut, B. Primary carcinoma of the gallbladder. Am. J. Surg., 1939, 43: 746-53.—Illingworth, C. F. W. Carcinoma of the gall-bladder. Brit. J. Surg., 1935-36, 23: 4-18.—Jankelson, I. R. Clinical aspects of primary carcinoma of the gall-bladder. N. England J. M., 1937, 217: 85-8.—Judd, E. S., & Baumgartner, C. J. Malignant lesions of the gallbladder. Arch. Int. M., 1929, 44: 735-45.—Judd, E. S., & Gray, H. K. Carcinoma of the gall bladder and bile ducts. Surg. Gyn. Obst., 1932, 55: 308-15.—Kaltenböck, K. Adenokarzinom der Gallenblase beim Rind. Wien. tierärztl. Mschr., 1933, 20: 369-72.—Lam, C. R. The present status of carcinoma of the gallbladder; a study of 34 clinical cases. Ann. Surg., 1940, 111: 403-10.—Larghero Ibarz, P. Cáncer de la vesícula biliar. An. Fac. med., Montev., 1928, 13: 177-94.—Lichtenstein, G. M., & Tannenbaum, W. Carcinoma of the gallbladder; a study of 75 cases. Ann. Surg., 1940, 111: 411-5.—Liebowitz, H. R. Primary cancer of the gall bladder. Am. J. Digest. Dis., 1939-40, 6: 381-7.—Marshall, S. F., & Morgan, E. S. Carcinoma of the gallbladder. Surg. Clin. N. America, 1938, 18: 687-93.—Mohardt, J. H. Carcinoma of the gall bladder. Surg. Gyn. Obst., 1939, 69: Suppl., 44-51.—Morson, C. Two cases of carcinoma of the gall bladder. Tr. M. Soc. London, 1923-24, 47: 88.—Mosto, D. Consideraciones sobre cáncer primitivo de vesícula biliar. Arch. argent. enferm. ap. digest., 1939-40, 15: 139-66.—Moura, P. Neoplasmas malignos da vesícula biliar. Fol. med., Rio, 1932, 13: 412-5.—Nath, V. Primary carcinoma of the gall-bladder. Ind. M. Gaz., 1934, 69: 7-9.—Pederzoli, P. Carcinoma primitivo della cistifellea. Minerva med., Tor., 1938, 29: pt 2, 311-5.—Pelnár [Cancer of the gall-bladder] Cas. lék. česk., 1930, 69: 104-8.—Pessin, S. B., & Dean, J. Squamous cell carcinoma of the gall-bladder. Wisconsin M. J., 1933, 32: 24-9.—Presno, J. A. Neoplasias malignas de la vesícula biliar. An. cirurg., Habana, 1930, 2: 487-93. Also Rev. med. cir. Habana, 1930, 35: 615-23.—Quirno, N., Rottjer, E. A., & Latienda, R. Cáncer primitivo de la vesícula biliar. Prensa méd. argent., 1933-34, 20: 1879.—Rabinovitch, J., & Kieffer, R. S. Squamous cell carcinoma of the gall bladder. Surg. Gyn. Obst., 1931, 52: 831-5.—Rasario, G. M. Ricerche cliniche ed istopatologiche su di un caso di cancro primitivo della cistifellea. Clin. med. ital., 1933, 64: 1133-48.—Ravault, P., Desjardes, R. [et al.] Cancer de la vésicule biliaire chez un homme. Lyon méd., 1940, 164: 39-42.—Repetto, R. L. Cáncer de la vesícula biliar. Dña méd., B. Air., 1939, 11: 307-11.—Rhodes, R. L., & Greenblatt, R. B. Carcinoma of the gallbladder. South. M. J., 1937, 30: 315-8.—Romano, N., Rey, S., & Meiller, E. Cáncer de la vesícula biliar. Rev. As. méd. argent., 1936, 50: 734-42.—Rosenthal, S. R. Melanocarcinoma of the gallbladder. Tr. Chicago Path. Soc., 1931, 13: 419. — Primary melanocarcinoma of the gallbladder. Am. J. Cancer Res., 1931, 15: Suppl., 2288-300.—Sacchetti, A. Cancro primitivo della cistifellea. Gazz. osp., 1939, 60: 952-62.—Salmon, A. R. Les tumeurs malignes primitives de la vésicule biliaire. J. méd. fr., 1930, 19: 280-6.—Sánchez Martínez, J. A., & Menéndez Fraile, A. Cáncer primitivo de vesícula biliar. Progr. clín. Madr., 1933, 41: 266-9.—Savarese, E. Il carcinoma primitivo della cistifellea. Arch. ital. chir., 1936, 43: 297-313. — Un caso di epiteloma corneificante della cistifellea. Ibid., 1939, 56: 595-9.—Shelley, H. J., & Ross, L. I. Primary carcinoma of the gallbladder; report of 19 cases. Arch. Surg., 1932, 25: 65-83. Also repr.—Sherrill, J. G. Carcinoma of gallbladder; a case report. Am. J. Surg., 1925, 39: 310.—Singer, H. A. An unusual case of carcinoma of the gallbladder; demonstration of specimen, clinical history. Tr. Chicago Path. Soc., 1923-25, 12: 159-64.—Stein, J. A propos du problème des épithéliomas hétérologiques spinocellulaires et mixtes de la vésicule biliaire. Arch. internat. méd. exp., Liège, 1938, 13: 239-72.—Strausz, L. [Cancer of the gall-bladder] Gyógyászat, 1929, 68: 550-3.—Thorek, M. Undici casi di carcinoma primitivo della cistifellea. Rass. internaz. clin. ter., 1925, 6: 745-53, 2 pl.—Tyson, W. Hypernephroma of gall-bladder; cholecystectomy. Brit. J. Surg., 1925-26, 13: 757-9.

Cancer: Complication.

HAAG, G. V. *Carcinoma der Gallenblase und äussere Gallen fistel. 15p. 8° Münch., 1936.

Bocca, C. Généralisation à l'intestin grêle d'un cancer de la vésicule biliaire. Lyon méd., 1936, 157: 433-8.—Bengolea, A. J., & Velasco Suárez, C. Epitelioma de la vesícula biliar; metastasis en el confluente hepático. Rev. cir., B. Air., 1931, 10: 541-51.—Bonnet, L. Perforation en péritoine libre d'un cancer de la vésicule biliaire; cholécystostomie d'urgence et cholécystectomie secondaire; guérison. Bull. Soc. nat. chir., Par., 1925, 51: 1112-5.—Cappell, D. F., & Tudhope, G. R. Unrevealed primary carcinoma of the gall-bladder; report of a case with unusual metastases and review of the literature. Glasgow M. J., 1934, 122: 185-93, 2 pl.—Johnson, J. A. Carcinoma of the gallbladder with implantation in the abdominal wall. Minnesota M., 1938, 21: 67.—Miesch, G. Knochenbildung im Gallenblasenkrebs und in seinen Metastasen. Frankf. Zschr. Path., 1932-33, 44: 430-8.—Pic, Delore, R., & Thiers. Paraplégie par métastase vertébrale d'un cancer vésiculaire latent. Lyon méd., 1928, 142: 164-6.—Starkus, A. [Case of primary cancer of the gall-bladder with metastasis of Krukenberg's type in the right ovary] Medicina, Kaunas, 1932, 13: 661-9.—Torday, A. [Cancer of gall bladder with thrombosis of portal vein] Budapesti orv. ujs., 1938, 36: 168-70.

Cancer: Diagnosis.

Luger, A. Zur Symptomatologie des Gallenblasenkarzinoms. Med. Klin., Berl., 1925, 21: 1801.—Pérez Engelbrecht, F., & Marín Sánchez, F. Cáncer de vesícula biliar a evolución latente; hemiplejía por embolia cancerosa cerebral. Arch. Hosp. Pereira Rossell, 1938, 1: 165-73.—Ratcliff, R. A. A case of carcinoma of the gall-bladder simulating subacute hepatic necrosis. Guy's Hosp. Rep., Lond., 1934, 84: 84-7.—Spitzenberger, O. Zur Diagnose exzulierender Gallenblasen-Karzinome mittels des Röntgenverfahrens. Wien. klin. Wschr., 1933, 46: 1421-3.—Zawadowski, W., & Plewniak, W. Gallenblasenkrebs mit Kalkablagerungen und Porzellangallenblase im Röntgenbild. Röntgenpraxis, 1936, 8: 318-21.

Cancer: Pathogenesis.

GOLEMANOV, A. *Ueber den ätiologischen Zusammenhang zwischen Cholelithiasis und Gallenblasenkarzinom. 37p. 8° [Lpz.] 1921.

HIRSCH, H. *Beitrag zur Entstehung des Gallenblasen-Carcinoms [Frankfurt] 39p. 8° Heidelb., 1928.

THIERMANN, E. *Ueber Gallenblasenkarzinom und Leberechinococcuscysten [München] 16p. 8° Dilligen a. Donau, 1930.

Bergeret, Brodin & Salmon, A. R. Un cas de cancer primitif de la vésicule biliaire avec lithiase. Arch. mal. app. digest., Par., 1933, 23: 105-9.—Bertone, G. Papilloma maligno e adenocarcinoma della cistifellea calciosa. Cancro, Tor., 1932, 3: 169-73, pl.—Böttiger, W. F. Die Frage der Beziehungen zwischen der Cholelithiasis und dem primären Krebs der Gallenblase. Arch. klin. Chir., 1938-39, 194: 146-64.—Burrows, H. An experimental inquiry into the association between gall-stones and primary cancer of the gall-bladder. Brit. J. Surg., 1933, 20: 607-29.—Coates, H. W. Cancer of the gall-bladder 7 years after removal of a stone. Clin. J., Lond., 1929, 58: 54.—Coggi, G. Sopra il cancro a cellule piatte della cistifellea con particolare riguardo alla sua istogenesi. Arch. ital. chir., 1935, 40: 253-76.—Cuff, J. R. Cholelithiasis and carcinoma of the gall bladder; a post-mortem review with report of a case. J. Nat. M. Ass., Newark, 1933, 25: 55-61.—Finsterer, H. Gallenblasenkarzinom bei Cholelithiasis. Wien. klin. Wschr., 1925, 38: 1318.—Gabbì, U. Litiasi biliare: cancro della cistifellea. Gior. clin. med., 1922, 3: 536-40.—Genkin, I. I., & Dmitruk, J. D. Zur Frage des experimentellen Carcinoms der Gallenblase. Zschr. Krebsforsch., 1932, 36: 104-14.—Giordano, D. Della comparsa di carcinoma entro a talune colecisti calciose. Riforma med., 1925, 41: 1157-60.—Gottstein, G., & Strauss, L. Steinbildung und Krebs in Gallenblase und Harnsystem. Beitr. klin. Chir., 1931, 154: 94-120.—Gouverneur, R., Geiger, R., & Nemours-Auguste. Sur un cas de panlithiase associée à un cancer de la vésicule biliaire. Arch. mal. app. digest., Par., 1934, 24: 745-7.—Judd, E. S. Gallstones and carcinoma of the gallbladder. Dallas M. J., 1933, 19: 102.—Lentze, F. A. Gallensteine und Gallenblasencarcinom. Beitr. klin. Chir., 1926, 137: 38-62.—Luelsdorf, F. Die Beziehungen zwischen Steinkrankheit und Krebs der Gallenblase. Zschr. Krebsforsch., 1926-27, 24: 395-405.—Matsudaira, M. Experimental studies in the influences of vitamins upon tumours artificially produced in viscera; on the influences of excessive or non-vitamin A upon artificially produced gall-bladder-cancer. Tr. Jap. Path. Soc., 1930, 20: 749-52. — Studies on the influence of both sexual glands upon the artificial production of gall-bladder cancer. Ibid., 1931, 21: 718-22, 2 pl. — & Hosono, S. On the cancerous growth of the remnant of the gall-bladder epithelium on the ligating portion. Tr. Soc. path. jap., 1933, 23: 624-32, 2 pl.—Nakamoto, Y. On the heterotopic proliferation of the epithelial cells of the gall-bladder in guinea pigs.

Tr. Jap. Path. Soc., 1925, 15: 105; 1926, 16: 237.—**Papin, F.** Cholécyctite calculeuse et cancer de la vésicule biliaire. J. méd. Bordeaux, 1929, 59: 315-8. Also P. verb. Congr. fr. chir., 1929, 38. Congr., 892-9.—**Petrov, N.**, & **Krotkina, N.** Experimentelles Gallenblasen- und Lebercarcinom. Zschr. Krebsforsch., 1932-33, 38: 249-63.—**Seide, J.**, & **Geller, W.** Beitrag zur Frage nach dem Zusammenhang von Gallensteinleiden und Krebs der Gallenblase. Arch. Verdauungskr., 1933, 54: 71-8.—**Tremittiera, S.** Adeno-carcinoma della cistifellea e del fegato da litiasi biliare. Rinasc. med., 1938, 5: 867-9, pl.—**Warren, R.**, & **Balch, F. G., jr.** Carcinoma of the gall bladder; the etiological role of gallstones. Surgery, 1940, 7: 657-66.—**Zilocchi, E.** Adeno-carcinoma della cistifellea insorto dopo colecistostomia. Cancro, Tor., 1934, 5: 310-7, 2 pl.

Cancer: Treatment.

See also subheading Surgery.

Aiga, Y. Ueber einen seltenen Fall von operativ dauernd geheiltem Gallenblasenkarzinom. Zbl. Chir., 1935, 62: 212-5.—**Branco Ribeiro, E.** Prevenção do cancer da vesícula biliar. Ann. paul. med. cir., 1936, 31: 325-30.—**Graham, E. A.** The prevention of carcinoma of the gall-bladder. Ann. Surg., 1931, 93: 317-22.—**Gray, H. K.** Squamous cell epithelioma of gallbladder and liver, cholecystectomy and partial hepatectomy: report of a case. Surg. Clin. N. America, 1934, 14: 717-20.—**Lambret, Bizard, G.** [et al.] Cancer de la vésicule biliaire propagé au foie; cholécystomie; hépatectomie partielle. Echo méd. nord, 1935, 3. ser., 3: 567-9.—**Nakajima, T.** Operation for primitive gall-bladder cancer. J. Orient. M. Dairen, 1936, 24: 59.—**Ransom, B. B., jr.** Diagnosis and treatment of cancer of gall-bladder. J. M. Soc. N. Jersey, 1934, 31: 167.

Carcinoid.

ATZBERGER, H. *Ueber das Adenocarcinoid der Gallenblase mit Bericht über eigene Beobachtung [Heidelberg] 21p. 8°. Coburg, 1935.

Gimenez-Reyna, F. Kasuistischer Beitrag zum sogenannten Adenocarcinoid der Gallenblase. Virchows Arch., 1933, 289: 182-5.—**Joel, W.** Karzinoid der Gallenblase. Zbl. allg. Path., 1929, 46: 1-4.—**Takaizumi, M.** Adenokankroid der Gallenblase und Adenom der Papilla Vateri (Demonstrationen) Tr. Jap. Path. Soc., 1924, 14: 280.

Cholesterosis [Strawberry gallbladder]

See also Bile, Cholesterol; Biliary calculus, Pathogenesis: Cholesterol.

FENSTER, E. Untersuchungen über die Entstehung und Bedeutung der Stippchengallenblase [Giessen] 34p. 24cm. Berl., 1938.

Also Beitr. klin. Chir., 1938, 167: 641-72.

HEPP, J. G. *La lipoïdose vésiculaire. 239p. 8°. Par., 1934.

HERRMANN, K. O. *Experimentelle und klinische Untersuchungen über die Stippchengallenblase. 41p. 21cm. Giessen, 1937.

Agueci, A. La colecisti a fragola. Arch. ital. chir., 1933, 33: 764-89.—**Aguinaga, A.**, & **Sampaio, G.** Um caso de cholecystite não lithiasica (cholecystite lipoidica ou vesícula morango). Rev. brasil. med. farm., 1928, 4: 113-8, pl.—**Ahlin, T.** Lipoidosis vesicae felleae; eine statistische Bearbeitung von Sektionsgut. Beitr. klin. Chir., 1938, 167: 555-76.—**Anardi, T.** Contribución clínica al estudio de la colesterosis y de la litiasis colestérica de la vesícula biliar. Rev. cir., B. Air., 1931, 10: 10-37. Also Riv. pat. sper., 1931-32, 7: 61-85, 5 pl.—**Berendes, J.** Die Lipoidspeicherung der Gallenblase. Arch. klin. Chir., 1933, 175: 266-82.—**Bergeret, A.**, & **Dumont, J.** La cholecystite lipoidique. Presse méd., 1927, 35: 177-9.—**Bernhard, F.** Die klinische Bedeutung der Stippchengallenblase. Arch. klin. Chir., 1936, 186: 502-5. — & **Fenster, E.** Besteht die operative Behandlung der Stippchengallenblase zu Recht? ein klinischer Beitrag an Hand von 443 Fällen, deren weiterer Verlauf durch Nachforschungen beziehungsweise Nachuntersuchungen erfasst wurde. Deut. Zschr. Chir., 1936, 247: 145-86.—**Bosch Arana, G.**, & **Casanovas, L.** Contribución al estudio de la vesícula biliar afresada. Prensa méd. argent., 1925-26, 12: 1001-5.—**Castañón, C. A.** Contribución al estudio de la llamada vesícula fresa o colesterosis de la vesícula biliar. Bol. Soc. cir. B. Aires, 1933, 17: 273; 346.—**Chiray, M.**, & **Pavel, I.** La vésicule-fraise; étude pathogénique, clinique et thérapeutique. Ann. anat. path., Par., 1926, 3: 769-86, pl.—**Cholesterosis of the gallbladder.** J. Am. M. Ass., 1937, 108: 2042.—**Cicchella, T.** Ricerche istopatologiche e sperimentali sulla colecistite fragola. Gazz. internaz. med. chir., 1929, 37: 445-56.—**Ciceri, C.** Contributo alla conoscenza della cosiddetta colecisti a fragola. Arch. ital. mal. app. diger., 1932-33, 2: 121-35.—**Ciocca, E.** La cistifellea a fragola. Clin. chir., Milano, 1931, 34: 1057-106.—**Cogniaux, P.** A propos de la formation des vésicules fraise. Arch. mal. app. digest., Par., 1931, 21: 346-59.—**Cooke, H. H.** A pathological study of the strawberry gallbladder. N. York State J. M., 1934, 34: 789-94.—**Dónovan, R. E.** A propósito de contribución al estudio de la llamada vesícula fresa o colesterosis de la vesícula

biliar. Bol. Soc. cir. B. Aires, 1933, 17: 304-11.—**Dumont, J.** La cholecystite lipoidique. Rev. méd. chir. mal. foie, 1927, 2: 328-34.—**Elman, R.**, & **Graham, E. A.** The pathogenesis of the strawberry gallbladder (cholesterosis of the gallbladder). Arch. Surg., 1932, 34: 14-22.—**Fichera, G.** Colecistite senza calcolo, lipoidosi, cistifellea a fragola e litiasi della vesicula biliare (patogenesi, diagnosi, terapia). Arch. ital. chir., 1930-31, 26: 237-354.—**Ghose, A. C.** Cholesterosis of the gall-bladder in Indians; a clinical study in human subjects and an experimental study in rabbits. Ind. J. M. Res., 1933, 20: 939-49.—**Gosset, A.**, **Bertrand, I.**, & **Lewy, G.** La vésicule fraise. Progr. méd., Par., 1928, 43: 1792-802.—**Grasso, R.** Sulla patogenesi della lipoidosi della cistifellea. Policlinico, 1933, 40: sez. chir., 209-23.—**Hamant, A.**, **Cornil, L.**, & **Lacourt.** Considérations anatomiques sur la vésicule fraise; à propos d'un cas. Rev. méd. est, 1928, 56: 205-8.—**Illingworth, C. F. W.** Cholesterosis of the gall-bladder; a clinical and experimental study in rabbits. Brit. J. Surg., 1929-30, 17: 203-29.—**Ivanisovich, O.** La vesícula fresa; un libro interesante del Prof. Navarro. Rev. méd. Rosario, 1939, 13: No. 131, 14-20. Also Rev. mex. cir., 1939, 7: 479-87. Also Rev. méd., Puebla, 1940, 13: No. 115, 24-32.—**Jean & Villechaise.** Cholecystites avec aspect fraise. Gaz. méd. France, 1928, 2: 441.—**Judd, E. S.**, & **Mentzer, S. H.** Cholesterosis of the gall bladder; a clinical study. California West. M., 1927, 27: 337; 487.—**Kopp, J. G.** Die Erdbeergallenblase. Arch. klin. Chir., 1928, 151: 411-29. Also Ned. tschr. geneesk., 1928, 72: 901; 2466.—**Labry, R.**, & **Bouysset.** Syndrome douloureux de cholecystite chronique; vésicule fraise à l'intervention; cholecystectomie; guérison. Lyon méd., 1928, 142: 69.—**Lecène, P.**, & **Moulouquet, P.** Remarques sur les formes de cholecystite légère appelées vésicule fraise. Presse méd., 1926, 34: 49-52.—**Levene, G.**, **Lowman, R. M.**, & **Wissing, E. G.** Roentgen diagnosis of the strawberry gall-bladder. Radiology, 1940, 34: 391-9, pl.—**Loewy, G.** Vésicule et cholestérol. C. rend. Soc. biol., 1932, 110: 1280.—**MacGuire, D. P.** Strawberry gallbladder. Internat. J. M. & S., 1932, 45: 83.—**Mackey, W. A.** Cholesterosis of the gall-bladder: a review, supplemented by personal observations on 87 cases. Brit. J. Surg., 1936, 24: 570-94.—**Mentzer, S. H.** Cholesterosis of the gall bladder. Am. J. Path., 1925, 1: 383-8.—**Milani, E.** I dati coleografici della vesicula a fragola nel vaglio del controllo operatorio. Radiol. med., Milano, 1933, 20: 1384-403.—**Moratti, A.** La stasi linfatica nella genesi della lipoidosi colecistica. Clin. chir., Milano, 1935, 38: 357-82.—**Navarro, A.** La vesícula fresa. Día méd., B. Air., 1939, 11: 984.—**Paliard, F.**, & **Colson, P.** Cholestérinocolie et régime alimentaire. Lyon méd., 1933, 152: 97-104.—**Patey, D. H.** The experimental production of cholesterosis (strawberry) gall-bladder. Brit. J. Surg., 1934, 22: 378-86.—**Picaluga, N.** Sobre vesícula biliar en frutilla. Sem. méd., B. Air., 1925, 32: pt 2, 798.—**Picaluga, N.** Sulla cistifellea a fragola. Arch. ital. chir., 1928, 20: 125-63.—**Ribas Ribas, E.** Contribución al estudio de la vejiga biliar aframbuesada. Rev. cir., B. Air., 1927, 6: 801-6.—**Rossi, A.** Atonic gall-bladder and strawberry gall-bladder. Am. J. Roentg., 1932, 27: 205-24.—**Rousselot, L. M.**, & **Bauman, L.** The experimental production of cholesterosis of the gall bladder, with observations on the cholesterol absorptive properties of the gall-bladder wall. Surg. Gyn. Obst., 1935, 61: 585-90.—**Theodore, D.** [Strawberry gallbladder] Rev. san. mil., Bucur., 1929, 28: 73-5.—**Troell, A.** Beobachtungen bei Cholesterosis vesicae felleae; zugleich einige Reflexionen über die Entstehungsweise von Cholesterinsteinen in der Gallenblase. Arch. klin. Chir., 1936, 185: 211-40. Also Hygiea, Stockholm, 1936, 98: 8-29.—**Velasco Suárez, C.** A propósito de contribución al estudio de la llamada vesícula fresa a colesterosis de la vesícula biliar. Bol. Soc. cir. B. Aires, 1933, 17: 387.—**Colecistitis crónica y colecistitis fresas.** Sem. méd., B. Air., 1929, 36: pt 2, 1563-70.—**Zamp, G.** Sopra alcuni casi di lipoidosi della cistifellea. Boll. Soc. med. chir., Pavia, 1935, 49: 741-79, 8 pl.—**Zanetti, S.** E attualmente possibile la diagnosi radiologica di lipoidosi della cistifellea? Bull. sc. med., Bologna, 1934, 106: 282-7.

Colic.

See subheading Disease: Manifestations.

Contraction.

See subheading Motor activity.

Dilatation, and distention.

See also subheading Dyskinesia.

Beardsley, E. Case of an enlarged gall bladder; read before the N. Haven Medical Society, 1788. Yale J. Biol., 1934, 6: 78-80.—**Bischoff, L.** Zur röntgenologischen Darstellung der pathologisch veränderten (vergrößerten) Gallenblase. Schweiz. med. Wschr., 1925, 55: 731. Also Brit. J. Radiol., 1926, 31: B. I. R. Sect., 506-9.—**Brush, B. E.**, & **Patterson, T. L.** The influence of gall-bladder distention on gastric hunger motility in the dog. Am. J. Physiol., 1939, 126: 449.—**Carter, R. F.** Enlargement of the gallbladder. Ann. Surg., 1935, 102: 194-201.—**Chiray, M.**, & **Malinsky, M.** Sur une signe clinique caractérisant les distensions vésiculaires; la tension vésiculaire provoquée. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 1522-4.—**Fèvre, M.** Distensions vésiculaires douloureuses aiguës et subaiguës chez l'enfant. Bull. Soc. pédiat. Paris, 1933, 31: 391-6.—**Kazda, F.** Zur Bedeutung des Courvoisier'schen

Phänomens. Zbl. Chir., 1935, 62: 1580.—**Melchior, E.** Courvoisier'sches und Pseudo-Courvoisier'sches Phänomen. Ibid., 1934, 61: 2006-8.—**Ramond, L.** Anémie, fièvre et subictère; grosse vésicule biliaire. Presse méd., 1939, 47: 535.—**Rotella, P.** Epatoptosi ed invaginamento del fondo della coleciste in un caso di colecisto-ectasia dolorosa da ingoicchiamento del dotto cistico per epatoptosi. Cult. med. mod., Pal., 1929, 8: 246-52.—**Torrance, L. S.** Acute distension of the gall bladder (mucocele) in a child. Brit. M. J., 1928, 1: 258.—**Villard, Le signe du décollement lombaire dans les distensions vésiculaires.** Lyon chir., 1927, 24: 674-6. — & **Lageze.** Macrocholécyste avec syndrome anatomoclinique d'infection aiguë. Lyon méd., 1927, 140: 224.

Disease.

Abramson, L. Diseases of the gall-bladder. N. Orleans M. & S. J., 1925-26, 78: 138-43.—**Adams, B. S.** Gallbladder disease. Minnesota M. J., 1934, 17: 312-8.—**Alexander, J. S.** Current views on gall-bladder disease. S. Afr. M. J., 1939, 13: 608-10.—**Allen, C. W.** The diseased gall-bladder. N. Orleans M. & S. J., 1928-29, 81: 548-50.—**Andrews, C. F.** Gallbladder disease. Nebraska M. J., 1925, 10: 365-70.—**Armentrout, C. R.** Chronic gall-bladder disease. Med. Rec., San Antonio, 1930, 24: 551-3.—**Bennett, C.** The diseased gall-bladder. Glasgow M. J., 1926, 105: 17-30.—**Bergmann, G. von.** Die Cholezystopathien. Deut. med. Wschr., 1926, 52: 1757; 1801.—**Bettman, R. B.** Two interesting gall-bladder cases. Internat. Clin., 1931, 41, ser., 2: 195-202.—**Beyan-Brown, R. E.** Diseases of the gall-bladder. N. Zealand M. J., 1928-29, 27: 146-53.—**Black, S. O.** Gall-bladder disease. South. M. & S., 1927, 89: 79-81.—**Boland, F. K.** Observations on the gallbladder. Proc. Interst. Postgrad. M. Ass. N. America, 1925, 1: 157-61.—**Brown, A.** The disabled gall-bladder. Illinois M. J., 1932, 62: 336.—**Bruggeman, H. O.** Gall-bladder disease. J. Indiana M. Ass., 1925, 18: 453-9.—**Bullock, H.** Disease of the gall-bladder. Med. J. Australia, 1930, 2: 464-71.—**Cameron, M. H. V.** Gall-bladder disease. N. York State J. M., 1936, 36: 399-402.—**Cannady, J. E.** Gallbladder disease. Internat. J. Surg., 1926, 39: 49-51. Also West Virginia M. J., 1926, 21: 142-4.—**Cheney, W. F.** Diseases of the gall-bladder. In Cyclop. Med. (Priesol-Bortz) Phila., 1939, 9: 185-220, pl.—**Clarkson, F. R.** Synopsis of lecture in symposium on gall-bladder. Bull. Acad. M. Toronto, 1933, 6: 195-8.—**Cole, W. H.** Diseases of the gall-bladder. Proc. Interst. Postgrad. M. Ass. N. America, 1939, 343-6.—**Crump, C.** Gall-bladder disease. West Virginia M. J., 1936, 32: 169-73.—**Davis, B. B.** The diseased gallbladder. Nebraska M. J., 1930, 15: 220; 262.—**Deaver, J. B.** Diseases of the gall-bladder. J. Maine M. Ass., 1926, 17: 203-9. Also Internat. J. M. & S., 1929, 42: 113-9. Also N. England J. M., 1929, 200: 159-64.—**De la Roche, N. L.** The chronic gall-bladder. M. Ass. J., 1928, 18: 666-72.—**Eckhoff, N. L.** Diseases of the gall-bladder. Clin. J. Lond., 1936, 65: 115-9.—**Farinas, P. L.** Colecistopatas crónicas no calculosas. Medicina, Méx., 1933, 13: 471-92.—**Mitrani, M. M.** Colecistopatas crónicas no calculosas. Vida nueva, Habana, 1933, 31: 157-68, 19 pl.—**Fitzwilliams, D. C. L.** Diseases of the gall-bladder. S. Mary Hosp. Gaz., Lond., 1935, 41: 138-44. Also J. R. Nav. M. Serv., 1936, 22: 33-40.—**Foley, E. F.** Gallbladder disease. Med. Clin. N. America, 1931, 15: 693-701.—**Functional gallbladder disease.** Ther. Notes, Det., 1940, 47: 35-40.—**Gordon, A. R. M.** Gall-bladder disease, its diagnosis and treatment. J. Am. Osteopath., 1939-40, 39: 117-22.—**Haeberlin, J. B.** Lesions of the gallbladder. Med. J. & Rec., 1925, 122: 280-4.—**Haggard, W. D.** Diseases of the gall-bladder. Proc. Interst. Postgrad. M. Ass. N. America (1930) 1931, 6: 29-34, 2 pl.—**Hayes, J. M.** Acute conditions of the gallbladder. Minnesota M. J., 1934, 17: 319-23.—**Howard, R. M.** Acute gall-bladder disease. South. M. J., 1931, 24: 709-16.—**Hurst, A. F.** Disorders of the gall-bladder. Guy's Hosp. Gaz., Lond., 1935, 49: 216-23.—**Jennett, H. N.** Some facts on gallbladder diseases. Med. World, 1935, 53: 384.—**Johnston, T. W. J.** Diseases of the gall-bladder. N. Zealand M. J., 1928-29, 27: 136-45.—**Judd, E. S., Eusterman, G. B., & Carman, R. D.** Gall-bladder cases. Proc. Interst. Postgrad. M. Ass. N. America, 1925, 1: 24-37.—**Kaplan, E.** Diseases of the gall-bladder. Ann. Clin. M., 1925-26, 4: 565-71.—**Keegan, A. P.** Gallbladder disease. Med. World, 1939, 57: 427-34.—**Libman, E.** Gallbladder and liver disease. Proc. Interst. Postgrad. M. Ass. N. America, 1932, 340-6.—**Lilly, G. P.** The gall-bladder complex. Am. Med., 1936, 42: 24-6.—**Lowry, N. H.** The gall-bladder. Clinique, Chic., 1926, 47: 289-95.—**MacCarthy, W. C.** The gallbladder and its diseases. Proc. Mayo Clin., 1936, 11: 805; 837.—**McCrae, T.** Gall-bladder disease. Canad. M. Ass. J., 1927, 17: 1010-4.—**MacEwen, E. M.** Symposium on gallbladder diseases; extrahepatic bile tract. J. Iowa M. Soc., 1937, 27: 465-70.—**McNee, J. W.** Diseases of the gall-bladder and bile ducts. In Treat. Gen. Pract., 2. ed., Lond., 1938, 2: 198-206.—**Mayo, W. J.** Foreword, for book by Walters, Waltman & Snell, diseases of the biliary tract. Collect. Papers Mayo Clin., 1938, 30: 934-8.—**Meyer, K. A., Brams, J., & Brams, W. A.** Diseases of the gall-bladder. Cincinnati J. M., 1926-27, 7: 341-5.—**Miller, G. W.** Gall-bladder disease. Univ. Toronto M. J., 1929-30, 7: 113-20.—**Milloy, F. J.** Gall-bladder disease. Southwest. M., 1926, 10: 424-8.—**Mixson, H. J.** Gallbladder disease. Texas J. M., 1931, 27: 379-84.—**Müller, G. P.** Non-calculous disease of the gallbladder. Pennsylvania M. J., 1935-36, 39: 857-60.—**Newman, C. E.** Physiological, pathological, and clinical aspects of diseases of the gall-bladder. Proc. R. Soc. M., Lond., 1934, 27: 1471. — Affections of the gall-

bladder. Lancet, Lond., 1934, 1: 630. — Diseases of the gall-bladder. West London M. J., 1936, 41: 1-8.—**Palmer, W. L.** Gall-bladder disease: remarks on symptoms, diagnosis, and treatment. Internat. Clin., 1935, 45, ser., 1: 111-23.—**Price, C. A.** Gall-bladder disease. Nat. Elect. M. Ass. Q., 1926-27, 18: 36-44.—**Ranson, B. B.** Gall-bladder disease. Am. J. Surg., 1931, n. ser., 13: 570-13. Also repr.—**Riesman, D.** Diseases of the gall-bladder. Proc. Interst. Postgrad. M. Ass. N. America, 1935, 173-6.—**Romine, C. C.** The gallbladder, and some of its common diseases. West Virginia M. J., 1929, 25: 144-8.—**Royster, H. A.** Chapter III in gallbladder disease. Med. J. & Rec., 1930, 132: 232-7.—**Sappington, S. W., & Dickinson, E. H.** Cholecystopathy. Hahneman. Month., 1935, 70: 494-500.—**Stout, B. M.** Gall-bladder disease. West Virginia M. J., 1937, 33: 23-5.—**Verbrycke, J. R., jr.** Some considerations in the diagnosis, treatment and outcome of gall-bladder disease. Virginia M. Month., 1927-28, 54: 364-7.—**Wakeley, G. P. G.** Diseases of the gall-bladder. Brit. M. J., 1935, 2: 241-6.—**Walton, A. J.** Affections of the gall-bladder. Proc. R. Soc. M., Lond., 1934, 27: 1478-82. Also Med. Rev. of Rev., 1935, 41: 97-104.—**Woolf, A. E. M.** Some affections of the gall-bladder. Practitioner, Lond., 1930, 124: 613-27.

Disease: Age incidence.

Bearse, C. Gallbladder disease in patients under 30 years of age. J. Am. M. Ass., 1939, 112: 1923-5.—**Coors, G. A.** Gall bladder disease in the aged. Memphis M. J., 1939, 14: 187-9.—**Davis, N. P.** Gallbladder disease in the young. Pennsylvania M. J., 1934, 37: 742.—**Montgomery, A. H.** Disease of the gallbladder in children. Am. J. Dis. Child., 1932, 44: 372. Also repr.—**Potter, A. H.** Gall-bladder disease in young subjects. Surg. Gyn. Obst., 1928, 46: 795-808. Biliary disease in young subjects. Ibid., 1938, 66: 604-10.—**Shawhan, H. K., & Long, E. C.** Gall-bladder disease in young children. Am. J. Surg., 1933, 21: 43-6. Also repr.

Disease: Clinical aspect.

Abbott, D. P. The medical aspect of gallbladder disease. Surg. Clin. N. America, 1932, 12: 1071.—**Andresen, A. F. R.** The medical aspects of chronic gall-bladder disease. Am. J. Surg., 1927, n. ser., 2: 315-9.—**Boland, F. K.** Observations on the gall-bladder. Emory M. Rev., 1925, 3: 1-7.—**Brown, P. W.** Clinical aspects of cholelithiasis. Nebraska M. J., 1936, 21: 367-72.—**Buchanan, J. A.** Medical aspects of gall bladder disease. Med. Rev. of Rev., 1936, 42: 113-34.—**Burden, V. G.** The clinical behavior of the normal and the diseased gall-bladder. Am. J. Surg., 1927, n. ser., 3: 556-63.—**Castillo, P. A.** Colecistopatas: estudio clínico. Vida nueva, Habana, 1928, 22: 485-569, 12 pl.—**Ching, R. E.** Gall bladder disease, preeminently a medical problem. Memphis M. J., 1940, 15: 43-5.—**Daly, J. F.** Medical aspects of the gall-bladder problem. J. Oklahoma M. Ass., 1936, 29: 278-80.—**Douglass, F. M.** Some phases of gall-bladder disease. J. Indiana M. Ass., 1926, 19: 270-2.—**Forman, J.** The chronically diseased gall-bladder: a review from the viewpoint of the gastro-enterologist. Internat. Clin., 1926, 36, ser., 2: 45-76, pl.—**Gordin, A. E.** Further discussion of the gall-bladder. N. Orleans M. & S. J., 1925-26, 78: 306-18.—**Gordon, A. H.** The physician's interest in gall-bladder disease. Proc. Interst. Postgrad. M. Ass. N. America, 1939, 133-7.—**Gov, A. E.** Medical aspects of gall-bladder disease. Practitioner, Lond., 1938, 140: 665-73.—**Graham, E. A.** The clinical application of some recent knowledge of the biliary tract. Harvey Lect., Balt., 1933-34, 29: 176-203.—**Kaiki, V. M.** Experience with diseases of the gall-bladder. Ind. M. Gaz., 1940, 75: 153-9, pl.—**Kaplan, S. B.** The medical approach to the gall-bladder problem. J. M. Soc. N. Jersey, 1939, 36: 550-3.—**Levy, M. D.** The medical aspects of gall bladder disease. Med. Rec., Houston, 1938, 32: 657-60.—**Mallory, W. J.** Chronic gall-bladder disease; its medical aspects. Virginia M. Month., 1926-27, 53: 41-3.—**Melson, O. C.** Some medical aspects of chronic gallbladder disease. South. M. J., 1939, 32: 637-41.—**Miller, C. J.** Some practical observations on gall-bladder disease. N. Orleans M. & S. J., 1925-26, 78: 228-32.—**Miller, J. L.** The medical aspects of gall-bladder disease. Illinois M. J., 1926, 49: 451-5.—**Motley, L.** The medical aspects of gall-bladder disease. J. Tennessee M. Ass., 1940, 33: 79-83.—**Muller, G. P.** The noncalculous gallbladder. J. Am. M. Ass., 1927, 89: 786-9.—**Norfleet, W. J.** Diseases of the gall-bladder, the medical aspect. Tristate M. J., 1928, 1: 6-9.—**Paulson, M.** Newer aspects of gallbladder disease of practical import. Med. Clin. N. America, 1937, 21: 1489-500.—**Peterson, T.** Gall bladder disease; a critical clinical study. Minnesota M., 1935, 18: 123 7.—**Rehfuß, M. E.** The gallbladder problem. Rev. Gastroenter., 1935, 2: 187-93. — The gall-bladder and the general practitioner. J. M. Soc. N. Jersey, 1937, 34: 95-100.—**Richter, H. M.** Gall-bladder problems. Med. Herald, 1926, 45: 315.—**Robinson, C. M.** Gall-bladder problems. Maine M. J., 1937, 28: 74-6.—**Rudner, H. G.** Gall-bladder disease from the standpoint of the internist. Memphis M. J., 1926, 3: 89-96.—**Smith, F. M.** Concerning the medical aspect of chronic disease of the gallbladder. J. Iowa M. Soc., 1937, 27: 470-3.—**Tayloe, D. T., jr., & Klutz, DeW.** Some phases of gall-bladder disease. South. M. & S., 1931, 93: 747-9.—**Twiss, J. R.** Practical aspects of gall-bladder disease. N. York State J. M., 1937, 37: 1371-4.—**Wieland, F.** Medical aspect of the gall-bladder. Clinique, Chic., 1926, 47: 397-

402.—Wilkie, D. P. D. Some aspects of gall-bladder disease. Brit. M. J., 1928, 1: 481-4, pl.

— Disease: Complication.

See also Angina pectoris; Appendicitis; Colon, Disease; Coronary arteries, Diseases; Diabetes mellitus; Infection, focal; Peptic ulcer, &c.

- Allan, F. N. Gallbladder disease and diabetes. Surg. Clin. N. America, 1937, 17: 743-51.—Beye, H. L. Surgical clinic: gall-bladder and duodenal ulcer. J. Iowa M. Soc., 1931, 21: 533-8.—Bockus, H. L., Stroud, W. D. [et al.] Possible relationship between gall-bladder disease and cardiac disease. Am. Heart J., 1939, 18: [Discussion] 595-7.—Breyfogel, H. S. The frequency of coexisting gallbladder and coronary artery disease; a statistical analysis and biometric evaluation of 1,493 necropsies. J. Am. M. Ass., 1940, 114: 1434-7.—Brooks, C. D., Clinton, W. R., & Ashley, L. B. Gall-bladder disease and diabetes. J. Michigan M. Soc., 1932, 31: 539-41.—Carlson, G. W., & McGrath, E. F. Urinary tract infection and gall-bladder disease; study of 14 cases. Wisconsin M. J., 1928, 27: 256-9.—Douthwaite, A. H. The influence of a diseased gall-bladder. Guy's Hosp. Gaz., Lond., 1935, 49: 478-83.—Epler, C. Some functional disturbances of other organs referable to gall-bladder. Southwest. M., 1928, 12: 555-60.—Feldman, M. A roentgenologic consideration of colopathies associated with gall-bladder disease. Am. J. Digest. Dis., 1939-40, 6: 238.—Ferber, O. Ueber Diabetes mellitus als Zweitkrankheit. Zschr. klin. Med., 1931-32, 119: 81-5.—Fitz-Hugh, T. jr., & Wolfreth, C. C. Cardiac improvement following gall-bladder surgery; electrocardiographic evidence in cases with associated myocardial disease. Ann. Surg., 1935, 101: 478-83. Also In Surgery (Ravdin, L. S.) Phila., 1935, 478-83.—Flint, E. R. The association between gall-bladder lesions and hepatitis in the human subject. Brit. M. J., 1930, 1: 1041-4, pl.—Goldstein, H. L. Relation of gallbladder infection and gallstone disease to myocardial and coronary disease and angina pectoris. Med. Times, N. Y., 1936, 64: 283-9.—Hashim, M. Pathological lesions of the gall-bladder, associated with ulcerations and bilharziasis of the intestine. J. Egypt. M. Ass., 1931, 14: 461-75. Also Tr. R. Soc. Trop. M. Hyg., Lond., 1934, 27: 399-407.—Hofhauser, J. [Abnormal function of the gall-bladder and its sequelae] Orv. hetil., 1940, 84: 3.—Hunter, C. The influence of chronic gall-bladder disease on the heart with the attending diagnostic difficulties. Manitoba M. Ass. Rev., 1935, 15: No. 9.—Jones, D. F. Relation between gall-bladder disease and pancreatitis. N. England J. M., 1928, 199: 716-9.—Katsch, G. Ueber den sekundären Diabetes nach Cholezystopatie. Deut. med. Wschr., 1928, 54: 1508-11.—Lapp, H. C. Common complications in gall bladder disease. Kansas City M. J., 1939, 15: No. 4, 8-10.—Leech, C. B. The association of gall-bladder disease and heart disease. N. England J. M., 1929, 200: 1318-21.—Manici, G. Alterazioni escogee da disfunzioni colecistiche. Boll. anal. orecchio, 1935, 53: 113-20.—Meeker, W. R. Serious complications of gallbladder disease. South. Surgeon, 1937, 6: 330-5.—Rafsky, H. A. The association of gall-bladder affections with peptic ulcer; with remarks on their successful treatment. Am. Med., 1924, n. ser., 19: 511-7.—Robin, W., & Reichert, M. Ueber den klinischen Gallenblase-Appendix-Komplex. Wien. med. Wschr., 1932, 82: 1054.—Seminio, P. Contributo allo studio dei rapporti tra le affezioni della cistifellea e il diabete mellito. Arch. ital. mal. app. diger., 1932-33, 2: 179-90.—Tennant, R. jr., & Zimmerman, H. M. Association between disease in the gall-bladder and in the heart, as evidenced at autopsy. Yale J. Biol., 1931, 3: 495-503.—Thornton, J. W. The relation of gallbladder disease to certain heart conditions. J. Iowa M. Soc., 1937, 27: 573-7.—Wasserthal, D. I. Cholecystopathie et diabète. Arch. mal. app. digest., Par., 1931, 21: 563-71.—Weller, G. L. Clinical aspects of vitamin B-complex deficiency in association with disease of the gall-bladder; report of an instance. Am. J. Digest. Dis., 1936-37, 3: 324.—Wright, T. Complications in surgical biliary diseases. Med. Rec., N. Y., 1937, 146: 262-6.—Zanetti, S. Colecistopatie e scoliosi vertebrali. Radiol. med., Milano, 1934, 21: 1126-35.—Zech, R. L. Intestinal obstruction with associated gall-bladder disease; report of 2 cases. West. J. Surg., 1932, 40: 428-32.—Zimmermann-Meinzingen, O. von. Zusammenhänge zwischen Gallenblasen- und Herzkrankheiten. Münch. med. Wschr., 1937, 84: 803-6.

— Disease: Diagnosis.

See also subheadings Drainage; Examination; Radiology; also Duodenal tube.

GERBER, H. A. *The evaluation of the tetraiodophenol-phthalein test in gall-bladder pathology [Marquette Univ.] 19p. 4°. Milwaukee, 1930.

Bachman, H. W. Diagnosis of cholecystic disease. Virginia M. Month., 1926-27, 53: 576-9.—Bank, J. Evaluation of diagnostic methods in gall-bladder diseases. Southwest. M., 1936, 20: 415-8.—Barksdale, G. H. The diagnosis of gall-bladder disease. West Virginia M. J., 1928, 24: 223-7.—Bárony, T., & Friedrich, L. Beiträge zur Diagnostik der Gallenblasenerkrankungen. Arch. Verdauungskr., 1926, 29: 335-49. Also Orv. hetil., 1926, 70: 1165-7.—Bayer, L. Dünndarmatonie als diagnostisch verwertbares Symptom bei

Erkrankungen des Leber-Gallen-Systems (Gutzeit-Bayer'sches Phänomen) Wien. med. Wschr., 1936, 86: 930.—Bayer, R. Ueber den Phrenicus-Druckpunkt als differentialdiagnostisches Merkmal bei Gallenblasenerkrankungen. Wien. klin. Wschr., 1934, 47: 1117.—Behrend, M. Diagnosis and treatment of gall-bladder disease. Am. J. Surg., 1930, n. ser., 9: 131-4. Also repr.—Bendandi, G., & Pontrandolfi, P. La gastrocromoscopia col rosso neutro nelle affezioni della colecisti. Clin. chir., Milano, 1938, 41: 439-57.—Berg, H. H. Zur Diagnose und Klinik der Gallenblasenerkrankungen, insbesondere der larvierten Formen. Med. Klin., Berl., 1925, 21: 1103. Also Münch. med. Wschr., 1925, 72: 1097.—Bland, W. M. Preoperative diagnosis of gall-bladder disease; through laboratory analysis and fluoroscopic examination of the gall-bladder and duodenum. J. M. Ass. Alabama, 1938-39, 8: 350-2. Also Med. Bull. Veterans Admin., 1939-40, 16: 30-2.—Brooks, B. Diagnosis and treatment of diseases of the gall-bladder. South. M. J., 1929, 22: 233-6.—Bunts, F. E. Some considerations pertaining to the diagnosis and surgical treatment of diseases of the gall-bladder. Ann. Surg., 1925, 82: 232-8. — Certain points regarding the differential diagnosis and the surgical treatment of gall-bladder diseases. Internat. Clin., 1925, 35, ser., 4: 35-43, 2 pl.—Cade, S. Gall-bladder, bile-duct, and pancreas. In Early diagn. malign. dis. (Donaldson, M., Cade, S.) Lond., 1936, 101-7.—Cason, T. Z. Clinical and laboratory diagnosis of disease of the gall-bladder. J. Florida M. Ass., 1925-26, 12: 61-3. — Diagnosis of disease of the gall-bladder. South. M. J., 1926, 19: 176-8.—Chiray, M., & Triboulet, F. La pseudo-tuberculose d'origine cholecystique. Arch. mal. app. digest., Par., 1927, 17: 609-15.—Clark, A. H. Diagnosis of surgical biliary diseases. Med. Rec., N. Y., 1937, 146: 255-8.—Cole, W. H. Diagnosis of diseases of gall-bladder and bile-ducts. In Cyclop. M. (Piersol-Bortz) Phila., 1939, 9: 144-65.—Comfort, M. W. On the diagnosis of some of the more common diseases of the biliary tract. Surg. Clin. N. America, 1939, 19: 899-911.—Connell, W. F. The differential diagnosis of gall-bladder and coronary disease. Canad. M. Ass. J., 1939, 40: 483-6.—David, O. Importancia de la exploración del hígado y el duodeno para el diagnóstico de las enfermedades de la vesícula biliar. Rev. méd. germ. ibér. amer., 1928, 1: 141-6.—Diagnóstico de las colecistopatas. Día méd., B. Air., 1935, 7: 1486.—Durand, G. Le diagnostic des affections vésiculaires en particulier cholecystographie et tubage duodénal. Hôpital, 1927, 15: 209. Also Med. Press & Circ., Lond., 1927, n. ser., 124: 321. — Dimitrescu & Macasdar. Tubage duodénal et cholecystographie dans la recherche du diagnostic des affections de la vésicule biliaire. Arch. mal. app. digest., Par., 1926, 16: 347-58.—Einhorn, M. Further experiences with the direct examination of the duodenal contents in affections of the gall-bladder and allied organs. Tr. Am. Gastroenter. Ass., 1918, 21: 116-31. — De l'importance d'un diagnostic correct dans les affections de la vésicule biliaire; discussion de la valeur de l'épreuve de Meltzer-Lyon. Presse méd., 1925, 33: 1716-8. — Diagnosis and treatment of gallbladder lesions. Med. Rec., N. Y., 1936, 144: 175-7.—Evans, A. Gall-bladder disease; the importance of its early diagnosis and treatment. Westminster Hosp. Rep., Lond., 1934, 22: 136-64.—Fallis, W. E. The gall-bladder in an acute abdomen. Kentucky M. J., 1925, 23: 508-10.—Ferrannini, A. Il sondaggio duodenale e la radioscopia col tetraiodo nelle malattie della cistifellea. Riforma med., 1937, 53: 579-83.—Fox, C. P. Don't forget the gall-bladder. J. Tennessee M. Ass., 1934, 27: 6-9.—Friedrich, H. Kann die Betrachtung des flüssigen Gallenblaseninhalts die Diagnose mancher atypischer Gallenblasenerkrankungen fördern? Arch. klin. Chir., 1928, 152: 207-9 [Discussion] 212.—Friedrich, L. [Diagnosis of diseases of the gallbladder] Gyógyászat, 1927, 67: 390-3.—Fritz, L. H. Diagnosis in gall-bladder disease. J. Iowa M. Soc., 1928, 18: 462-4.—Gatewood, L. C. Gallbladder disease; clinical signs and symptoms; differential diagnosis. Med. Clin. N. America, 1939, 23: 3-15.—Gorman, J. J. Diagnosis and treatment of gallbladder conditions. Southwest. M., 1930, 14: 528-31.—Hall, A. A. A practical approach to the diagnosis and treatment of diseases of the gall-bladder. Ohio M. J., 1939, 35: 593-6.—Hartung, A., & Wachowski, T. J. A modified technique for suspected gall-bladder disease. Illinois M. J., 1935, 67: 71-6.—Heid, I. W., & Gray, I. Differential diagnosis and treatment of gall-bladder disease. Internat. Clin., 1927, 37, ser., 3: 52-108.—Heyd, C. G. The diagnostic significance of the history in disease of the gall-bladder, stomach and appendix. J. M. Soc. N. Jersey, 1920, 17: 155-60.—Hitzrot, L. H., & Andrews, K. S. The value and practicability of duodenal drainage in the study of gall-bladder disease in an outpatient clinic. Mod. Clin. N. America, 1928-29, 12: 1147-55.—Hoesch, K. Ueber neuere Gallenblasendiagnostik. Münch. med. Wschr., 1926, 73: 369-72.—Hoesslin, H. von. Zur Diagnose und Therapie von Gallenblasenerkrankungen. Zschr. ärztl. Fortbild., 1935, 32: 93-6.—Hoffman, M. H. Observations in the diagnosis of gallbladder. Minnesota M., 1932, 15: 144-9.—Hudson, P. L. Diagnosis of gall-bladder disease. South. M. J., 1927, 20: 554-8. — & Lake, W. F. Importance of early diagnosis of gall-bladder disease. Clin. Med., 1927, 34: 253-62.—Hurst, A. Biliary drainage in the diagnosis of gall-bladder disorders. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, Surveys, 48.—Iozefovich, L. B. [Errors in diagnosis and therapy of affections of the gall-bladder] Vrach. delo, 1937, 19: 663-8.—Kharitinov, L. S. [New method in diagnosis of cholecystopathy] Ibid., 1109-

- 12.—**Labbé, M.** Le diagnostic des troubles du cholécyste par le tubage duodénal et la cholécystographie. Arch. mal. app. digest., Par., 1930, 20: 1145-58.—**Levinson, S. A.** Laboratory examination in gallbladder diseases and associated liver damage. Med. Clin. N. America, 1939, 23: 17-26.—**Love, T. R.** Notes on differential diagnosis of gallbladder disease. Nebraska M. J., 1933, 18: 86-91.—**McGuire, S.** Mooted points in the diagnosis and treatment of diseases of the gall-bladder. Virginia M. Month., 1929-30, 56: 715-20.—**Martin, L.** Gallbladder disease; how diagnose it? how treat it? South. M. J., 1936, 29: 492-7.—**Mayer, L.** Progrès dans le diagnostic et le traitement des affections de la vésicule biliaire. P. verb. Congr. fr. chir., 1928, 37. Congr., 972-95. — Progrès dans le diagnostic et le traitement des affections de la vésicule biliaire. Bruxelles méd., 1928-29, 9: 365-78.—**Mayhew, J. M.** The diagnosis and differential diagnosis of gall-bladder disease. Nebraska M. J., 1927, 12: 321-5.—**Milanes Álvarez, F.** A propósito del tratamiento de las colecistopatías; concepto del diagnóstico funcional de las afecciones de la vesícula biliar. An. vias digest., Habana, 1930, 1: 32-44.—**Miller, T. G.** The diagnosis and management of gall bladder disease. Delaware M. J., 1937, 9: 35-42.—**Mogena, H. G.** Diagnóstico de las colecistopatías. Arch. med., Madr., 1931, 34: 421-6.—**Morrison, E. E.** Diagnosis of gall-bladder disease. J. Kansas M. Soc., 1925, 25: 327-30.—**Neumark, I. O., & Borissov, G. B.** [Diagnostic significance of leucocytes in the duodenal contents in diseases of the gall-bladder] Sovet. vrach. gaz., 1934, 38: 342-8.—**Nichols, B. H.** Differential diagnosis in gallbladder disease. Proc. Interst. Postgrad. M. Ass. N. America, 1933, 247-50. Also Med. Clin. N. America, 1934, 17: 1059-69.—**Osselladore, G.** Sul valore del reperto citologico nei campioni di bile ottenuti dalla prova di Meltzer-Lyon, per la diagnosi delle malattie della cistifellea. Atti Soc. med. chir. Padova, 1933, ser. 2, 11: 847-57.—**Overstreet, S. A.** Differentiation between medical and surgical gall-bladder diseases. Kentucky M. J., 1937, 35: 346-8.—**Parkes, W. R.** Diagnosis of gall-bladder lesions. Surg. J., 1925-26, 32: 51-3.—**Phillips, J.** Diagnosis and treatment of gall-bladder disease; medical aspects. Illinois M. J., 1925, 47: 123-8. Also J. Iowa M. Soc., 1925, 15: 649-53. — Some problems in the diagnosis and treatment of gall-bladder disease as seen by the internist. West Virginia M. J., 1925, 20: 343-9.—**Popescu, I. M., & Preotesoiu, S.** [Comparative evaluation of cholecystography and Meltzer-Lyon test in diagnosis of vesico-biliary affections] Cluj med., 1937, 18: 805-19.—**Rachet, J., & Rendu, C.** Contribution au diagnostic des affections vésiculaires; la douleur provoquée par la palpation en un point lombaire droit. Arch. mal. app. digest., Par., 1935, 25: 738-43.—**Ramstad, N. O.** Diagnosis and treatment of gall-bladder disease. J. Lancet, 1925, 45: 561-4.—**Reeve, E. B.** An historical note on Murphy's sign of gall-bladder disease. Guy's Hosp. Rep., Lond., 1939, 89: 364-8.—**Rehfuß, M. E.** The differential diagnosis of gall-bladder disease. Ann. Int. M., 1927, 1: 80-91.—**Riesman, D.** Diagnosis of diseases of the gallbladder. Proc. Interst. Postgrad. M. Ass. N. America (1927) 1928, 3: 482-90.—**Rigney, L. J., Mortensen, W. L., & Miller, T. G.** The diagnostic value of duodenal drainage and cholecystography in gall bladder disease, based on a study of 137 operatively proved cases. Am. J. Digest. Dis., 1938, 5: 1-4.—**Ritchie, W. L., & Rabinowitch, I. M.** On laboratory aids in the diagnosis of disease of the gall-bladder and its passages. Canad. M. Ass. J., 1929, 20: 263-5.—**Robey, W. H.** The differentiation between gall-bladder disease and coronary sclerosis in the middle-aged. Med. Clin. N. America, 1924-25, 8: 1709-18.—**Sanford, C. H.** Diagnosis of chronic gall-bladder disease. Memphis M. J., 1926, 3: 85-9.—**Scheffel, I. N.** Zur Diagnose der Cholezystopathie. Arch. Verdauungskr., 1933, 54: 353-63.—**Schoendube, W.** Ueber moderne Gallenblasendiagnostik. Münch. med. Wschr., 1925, 72: 2169. — Ueber Dysfunktionen stein- und entzündungsfreier Gallenblasen (Untersuchungen an Gallenblasenkranken mit der Pituitrinprobe) Zschr. klin. Med., 1928, 109: 447-91. — & **Kalk, H.** Ueber moderne Methoden in der Diagnostik der Gallenblasenerkrankungen. Med. Klin., Berl., 1925, 21: 1949-52.—**Scott, W. G.** The diagnosis of the stoneless gallbladder. Med. Clin. N. America, 1936-37, 20: 471-81.—**Shay, H., & Riegel, C.** The rôle of the laboratory in the diagnosis of gall-bladder disease. Am. J. M. Sc., 1936, 192: 51-7.—**Scheffel, I. N.** [Diagnosis of cholecytopathy] Klin. med., Moskva, 1932, 10: 141-4.—**Simpson, V. E.** Gall-bladder disease; a consideration from a diagnostic viewpoint. J. Indiana M. Ass., 1930, 23: 305-13. Also repr.—**Snell, A. M.** Problems in the diagnosis and treatment of cholecyctic disease. J. Lancet, 1939, 59: 7-11.—**Summers, J. E.** Tetraiodophenolphthalein as an aid to the diagnosis of gallbladder disease; case report. Tr. West. Surg. Ass. (1925) 1926, 35: 187-203.—**Tedstrom, M. K.** Differential diagnosis of gall-bladder disease. Southwest M. J., 1936, 20: 419-21.—**Trostler, I. S.** The pathologic gallbladder; views on diagnosis and treatment. Clin. M. & S., 1938, 45: 372-4.—**Undeutsch.** Neuere Methoden zur Erkennung von Gallenblasenerkrankungen. Aerztl. Mschr., 1927, 202-12.—**Vauthey, M.** The blood (leucocyte percentage and the Arneith count) as a test of the progress of gallbladder disease. Rev. Gastroenter., 1935, 2: 39-41.—**Voegeli, A.** Die neuere Untersuchungsmethoden bei Gallenblasenerkrankungen. Schweiz. med. Wschr., 1930, 60: 54-63.—**Wear, J. W.** The diagnosis and prognosis of diseases of the gallbladder and duodenum. Med. Insur., 1928, 44: 48-62.—**Weltmann, O.** Zur Diagnose und Therapie der Gallenblasenerkrankungen. Wien. klin. Wschr., 1933, 46: 881-7. Also Aerztl. Prax., Wien, 1934, 8: 48-53.—**Winter, M. D.** Diagnosis of gallbladder disease; a study of 100 unselected cases. Northwest M., 1926, 25: 478-81.—**Witherspoon, J.** The diagnosis of gall-bladder disease. J. Tennessee M. Ass., 1926-27, 19: 95-8.—**Woolf, A. E. M.** Some advances in the diagnosis of diseases of the gall-bladder. Med. Press & Circ., Dubl., 1934, 188: 465-70.—**Zininger, M. M.** A plea for early diagnosis and surgical treatment of acute gall-bladder disease. Ohio M. J., 1933, 29: 229-31.
- **Disease: Diagnosis, radiographic.**
- See also subheading Radiology.
- BEILIN, D. S.** Gall-bladder disease; Roentgen interpretation and diagnosis. 65p. fol. S. Paul, 1929.
- BERNHART, E. L.** *The value of the Roentgen ray in the diagnosis of gall-bladder diseases [Marquette Univ.] 25p. 4°. Milwaukee, 1925-26.
- JUGEL, R. G.** *Die Röntgendiagnostik der Gallenblase und ihre operative Kontrolle [Leipzig] 23p. 8° [Zeulenroda] 1929.
- Altschul, W.** Die Röntgendiagnostik der Gallenblasenerkrankungen. Fortsch. Röntgenstrahl., 1925, 33. Kongr., 117; 693.—**Barrow, S. C.** X-ray findings in chronic gall-bladder disease. Tristate M. J., 1928, 1: 10.—**Bársony, T.** [Unusual gall-bladder diseases] Orv. hetil., 1927, 71: 1173-5.—**Batchelder, P.** The pathological gall-bladder; the X-ray aspect. Rhode Island M. J., 1932, 15: 77.—**Baumeister, R.** Der heutige Stand der röntgenologischen Gallenblasendiagnostik. Zschr. ärztl. Fortbild., 1934, 31: 499-503.—**Beals, J. A.** The X-ray diagnosis of gall-bladder disease; cholecystography after intravenous dye injection. J. Florida M. Ass., 1925-26, 12: 59-61.—**Beilin, D. S.** Cholecystographic diagnosis of gall-bladder disease. Med. Clin. N. America, 1939, 23: 27-31.—**Belden, W. W.** Secondary evidence of gall-bladder disease. Am. J. Roentg., 1926, n. ser., 15: 58-65.—**Bissell, F. S.** The rationale of gall-bladder diagnosis. Radiology, 1927, 9: 209-12.—**Bloom, A. R.** The development of the X-ray diagnosis of gall-bladder disease. J. Michigan M. Soc., 1936, 35: 512-6.—**Boland, S. J.** Radiology in diseases of the gall-bladder. Irish J. M. Sc., 1937, ser. 6, 73-9, 4 pl.—**Bowman, W. B., & Goin, L. S.** The newer methods in the Roentgen diagnosis of gall-bladder lesions. Southwest M., 1926, 10: 253-7.—**Braileford, J. F.** The X-ray diagnosis of pathological conditions of the gall-bladder. Brit. J. Radiol., 1927, 32: B. I. R. Sect., 81-100, 6 pl. Also Brit. M. J., 1928, 1: 484-6, pl.—**Buchem, F. S. P. van** [Roentgen diagnosis of the gall-bladder] Ned. tscr. geneesk., 1936, 80: 3112-20, 2 pl.—**Carman, R. D.** Cholecystography in its application to the diagnosis of cholecyctic disease. Lancet, Lond., 1925, 2: 67-9. Also Minnesota M., 1925, 8: 707-12. Also Brit. J. Radiol., 1926, 31: B. A. R. P. Sect., 163-74, 2 pl. — The roentgenologic diagnosis of disease of the gall-bladder. Radiology, 1925, 5: 101-3.—**Carnevale-Ricci, C.** Il sussidio della colecistografia nella clinica delle malattie delle vie biliari. Radiol. med., Milano, 1927, 14: 249-63.—**Casellas, P. R.** The significance of stasis in roentgen interpretation of gall-bladder pathology. Am. J. Surg., 1939, 44: 526-8.—**Colp, R.** Cholecystography and its correlation with gallbladder pathology. Am. J. Roentg., 1937, 38: 872-80.—**Cramp, G. W.** Roentgen diagnosis of gall-bladder pathology. Med. Times, N. Y., 1931, 59: 97, 101.—**Dressen, H.** Ueber Röntgendiagnostik der Gallenblasenerkrankungen. Vereinsbl. pfälz. Aerzte, 1926, 38: 140-4.—**Durrance, F. Y.** Roentgenology in the diagnosis of gall-bladder disease. Med. Rec., Houston, 1938, 32: 653-6.—**Fariñas, P. L.** Diagnóstico radiológico de las afecciones de la vesícula biliar. Rev. méd. cubana, 1926, 37: 945-58.—**Fouts, R. W.** X-ray diagnosis of gall-bladder disease. Nebraska M. J., 1927, 12: 327-9.—**Friedmann, J.** The roentgenological diagnosis of gallbladder disease. Med. J. & Rec., 1928, 128: 588-90. Also repr.—**Friedrich, H.** Die Röntgendiagnostik der Gallenblasenerkrankungen. Med. Klin., Berl., 1929, 25: 1995-8.—**Gelber, L. J.** Radiographic diagnosis of gall-bladder pathology. J. M. Soc. N. Jersey, 1931, 28: 829-31.—**Geling, J.** Kritisches zur Röntgendiagnostik der Gallenblasenerkrankungen. Deut. med. Wschr., 1931, 57: 881-3.—**Geraghty, J. A.** Recent advances in the Roentgen diagnosis of gall-bladder disease. Irish J. M. Sc., 1925, 5, ser., 508-15, 4 pl.—**Graham, E. A.** Gall-bladder diagnosis from the standpoint of the surgeon. Radiology, 1926, 6: 273-8, pl.—**Heckmann, K., & Winkelmann, H.** Ueber ein Pelotensystem am Bulbus duodeni, verursacht durch die vergrößerte und am Duodenum adhärenzte Gallenblase. Röntgenpraxis, 1935, 7: 523.—**He-d, I. W.** Roentgen diagnosis of gall-bladder disease. Surg. Clin. N. America, 1928, 8: 1123-70.—**Hess, L. R.** The X-ray in the diagnosis of gall-bladder disease. Canad. M. Ass. J., 1933, 29: 391-6.—**Hirsch, I. S., & Taylor, H. K.** A critical review of the roentgenological diagnosis of gallbladder disease. Med. J. & Rec., 1927, 126: 616-20. Also Radiology, 1928, 11: 37-44.—**Hitzrot, L. H.** The correlation of other diagnostic procedures with cholecystography in 250 cases of suspected gallbladder disease. Am. J. M. Sc., 1933, 186: 203-13.—**Hodges, F. J., & Lampe, I.** A comparison of oral cholecystographic

- findings and proved evidences of gallbladder disease. *Am. J. Roentg.*, 1937, 37: 145-53.—**Hodges, F. M.** The Roentgen ray in the diagnosis of diseases of the gall-bladder. *South. M. & S.*, 1926, 88: 297-300.—**Johnson, A. S.** X-rays as an aid in the diagnosis of the pathological gall-bladder. *Med. J. Australia*, 1925, 2: 545-8.—**Kirklin, B. R.** Roentgenologic methods in the diagnosis of diseases of the gallbladder and biliary tract. *Surg. Clin. N. America*, 1939, 19: 913-25.—**Knox, R.** X-rays in the diagnosis of gall-bladder lesions, with special reference to the newer technique. *Postgrad. M. J., Lond.*, 1926-27, 2: 17-22.—**Kopstein, G.** Die Bedeutung der funktionellen Symptomatologie in der Röntgendiagnostik der Gallenblase. *Fortsch. Röntgenstrahl.*, 1937, 56: 84-7 [Discussion] 90.—**Lenk, R.** Seltene Gallenblasenfälle. *Röntgenpraxis*, 1937, 9: 830.—**Levene, G.** Roentgenologic diagnosis of gall-bladder disease. *N. England J. M.*, 1932, 207: 443.—**Levin, A. L.** The clinical value of cholecystography in gall-bladder disease. *South. M. J.*, 1926, 19: 715-8.—**Maitland, D. G.** Cholecystography in disease of the gall-bladder. *Med. J. Australia*, 1936, 2: 645.—**Manges, W. F.** Improvement in the Roentgen-ray diagnosis of gallbladder disease. *Tr. Coll. Physicians Philadelphia*, 1924, 3. ser., 46: 38-53.—**Maver, W. W.** The value of X-ray in gall-bladder disease. *J. M. Soc. N. Jersey*, 1934, 31: 223.—**Menville, L. J.** The roentgen ray diagnosis of gall-bladder disease. *Tristate M. J.*, 1938-39, 11: 2175.—**Nemours-August.** Conceptions actuelles sur le diagnostic radiologique des maladies de la vésicule biliaire. *J. méd. Paris*, 1925, 44: 612-6.—**La radiologie dans le diagnostic des maladies de la vésicule biliaire.** *Monde méd.*, 1926, 36: 511-5.—**Les erreurs dans le diagnostic radiologique des maladies de la vésicule biliaire.** *Bull. Soc. radiol. méd. France*, 1932, 20: 211.—**Nichols, B. H.** Roentgenographical aspects of the differential diagnosis of disease of the gall-bladder. *Ann. Int. M.*, 1927, 1: 92-5.—**Oakman, C. S.** Radiographic diagnosis of gall-bladder disease. *Radiology*, 1926, 7: 201-10.—**Palmer, D.** Methods acceptable for the radiographic diagnosis of gall-bladder disease. *Med. Sentinel*, 1925, 33: 682.—**Pellini, M.** L'importanza dell'indagine coleicistografica nella diagnosi delle coleicistopatie. *Radiol. med.*, Milano, 1932, 19: 215-96.—**Pendergrass, R. C.** Oral cholecystography in the diagnosis of chronic gall-bladder disease. *Am. J. Surg.*, 1931, n. ser., 11: 6-38. Also repr.—**Prat, D., & Cianciulli, M. T.** Sobre un caso de enfermedad de Chiray y Pavel y otro caso de vesícula a visualización directa a los rayos X. *Arch. urug. med.*, 1938, 12: 331-43.—**Quiney, J. J.** Diagnosis of gall-bladder disease by means of X-rays. *J. M. Soc. N. Jersey*, 1929, 26: 311-3.—**Roemer, J.** Roentgenologic diagnosis of gall-bladder disease. *Ibid.*, 1926, 23: 597-608.—**Scheicher, A.** Die Röntgendiagnostik der Gallenblasenerkrankungen. *Radiol. Rdsch.*, 1933, 2: 159-69.—**Schwartz, J.** Ueber die praktische Verwertbarkeit der neueren diagnostischen Methoden bei Gallenblasenerkrankungen. *Deut. med. Wschr.*, 1927, 53: 230-2.—**Soldevila, J. M.** Valor diagnóstico de la coleicistografía en las afecciones de la vesícula biliar. *Ars medica, Barcel.*, 1928, 4: 16-25.—**Stater, W. J.** Advances in the diagnosis of gall-bladder disease. *Med. Sentinel*, 1926, 34: 203-6.—**Street, G. M.** Roentgen diagnosis of gall-bladder disease. *N. Orleans M. & S. J.*, 1930-31, 83: 679-82.—**Teschendorf, W.** Röntgendiagnostik der Gallenblase. *Jahrb. Röntg.*, 1930, 1: 88; 118.—**Valach, L.** [Importance of radiography in diagnosis of gall-bladder diseases] *Cas. l'k. česk.*, 1926, 65: 1191-3.—**Vischia, Q.** Alcuni rilievi coleicistografici nelle associazioni morbose del quadrante destro dell'addome. *Ann. ital. chir.*, 1936, 15: 125-50.—**Yoshii, E. E.** The clinical diagnosis of gall-bladder disease and the value of modern roentgenology. *Keio Roentgenarch.*, 1927, No. 3, 243-76, 2 pl.—**Zdanský, E.** Röntgendiagnostik der Gallenblasenerkrankungen. *Wien. klin. Wschr.*, 1937, 50: 133.
- The relationship of lesions of the cystic duct to gall-bladder disease. *Tr. Am. Gastroenter. Ass.*, 1938, 41. meet., 98-108.—**Crile, G.** Etiology and treatment of gallbladder disease. *Cleveland Clin. Q.*, 1935, 2: 3-8.—**Curb, D. L.** The incidence of gallbladder disease in the Negro. *Bull. John Sealy Hosp.*, Galvest., 1940, 2: 19-21.—**Deaver, J. B.** The etiology of gall-bladder disease. *Pennsylvania M. J.*, 1929-30, 33: 13-5.—**Denton, J.** The mode of origin of gallbladder lesions. *Arch. Surg.*, 1927, 14: 1-13.—**Durfee, H. A.** Gallbladder disease and pregnancy. *Bull. Mary Fletcher Hosp.*, 1933, 1: 1-4.—**Ferguson, L. K., & Priestley, J. T.** The relation of gall-bladder disease to pregnancy; with special relation to the factor of hypercholesterolemia. *Am. J. Obst.*, 1928, 16: 82-9.—**Forrai, E.** Die gemeinsamen familiären Erkrankungen von Magen, Gallenblase und Appendix. *Wien. klin. Wschr.*, 1936, 49: 753-5.—**Good, C. A., jr., & Kirklin, B. R.** The influence of extrahepatic disease on the function of the gallbladder; a cholecystographic study. *Am. J. Roentg.*, 1937, 37: 346-9.—**Haug, H.** Gallenblase und Pankreas. *Med. Korb. Württemberg*, 1927, 97: 515-8.—**Heyd, C. G.** The pathology of the gall-bladder in relation to pregnancy. *Med. Rev. of Rev.*, 1926, 32: 600; 1927, 33: 49.—**Huggins, R. R., Harden, B., & Grier, G. W.** A study of the relationship of pregnancy to disease of the gall-bladder. *Surg. Gyn. Obst.*, 1935, 61: 471-9.—**Kaikini, V. M.** Some aspects of gall-bladder disease as seen in India. *Ind. M. Rec.*, 1930, 50: 50-5.—**Körner, G.** Ueber die familiäre Häufung der Gallenblasenkrankheiten. *Zschr. menschl. Vererb.*, 1936-37, 20: 526-82, 2 ch. Also *Verh. Deut. path. Ges.*, 1937, 29: 126-9.—**Konjetzny, G. E.** Eine anomale Peritonealbildung (Lig. cysto-coleum) als Ursache pathologischer Zustände der Gallenblase und des Duodenum (intermittierende Gallenstauung und Duodenalstenose). *Deut. Zschr. Chir.*, 1930, 228: 28-40.—**Kovács, J.** [Etiology and therapy of affections of the gall-bladder] *Orv. hetil.*, 1927, 71: 805-7.—**Paula e Silva, G. S. de.** Duodenal-entleerungsstörungen und ihre Beziehungen zu den Erkrankungen der Gallenblasen. *Arch. Verdauungskr.*, 1937-38, 62: 274-80.—**Robertson, H. F.** Fair fat, and forty. *Week. Roster, Phila.*, 1938-39, 34: 85.—**Schaare, U.** Canalis spasmus und Cholecystopathie. *Zschr. klin. Med.*, 1936, 130: 734-42.—**Schaefer, W.** Zur Physiologie und Pathologie der Gallenblase in der Schwangerschaft, Geburt und Wochenbett, unter besonderer Berücksichtigung der Steinentstehung in dieser Periode. *Arch. Gyn.*, Berl., 1932, 150: 690-740.—**Scharf, J.** Appendektomie als ätiologischer Faktor von Gallenerkrankungen. *Med. Klin.*, Berl., 1934, 30: 1125-7.—**Snell, J. A.** Gallbladder disease among the Chinese. *China M. J.*, 1933, 47: 331-43.—**Soper, H. W.** Relationship between disease of the gall-bladder and infection in the gastro-intestinal tract. *Ann. Clin. M.*, 1925, 4: 422-4.—**Spirito, F.** Cistifellea e castrazione. *Arch. ostet. gin.*, 1936, 43: 1-16.—**Vignes, H.** Gallenblasenstörungen in der Schwangerschaft. *Geburtsh. & Frauenh.*, 1939, 1: 743-8.—**Wolfer, J. A.** The rôle of the pancreatic juice in the production of gallbladder disease. *Surg. Gyn. Obst.*, 1931, 53: 433-47.—**Pancreatic juice as a factor in the etiology of gallbladder disease.** *Surgery*, 1937, 1: 928-38.—**Further evidence that pancreatic juice reflux may be etiologic factor in gallbladder disease.** *Ann. Surg.*, 1939, 109: 187-92. Also repr.

Disease: Manifestations.

Disease: Etiology.

- BOESE, J.** *Die Cholecystopathien in ihrer Beziehung zu Schwangerschaft, Geburt und Wochenbett. 32p. 8°. Würzh., 1935.
- Hudson, R. J.** *The cause and diagnosis of the acute gall-bladder [Marquette Univ.] 14p. 4°. Milwaukee, 1924-25.
- Aine.** Les affections vésiculaires d'origine cæco-appendiculaire et leur diagnostic pratique. *J. méd. fr.*, 1930, 19: 98-101.—**Andrews, E.** The bile acid factor in gall-bladder disease. *Surg. Gyn. Obst.*, 1935, 60: 239.—**The pathogenesis of gallbladder disease.** *Minnesota M.*, 1936, 19: 131-41.—**Babarczy, M.** Die Bedeutung des Cholesterins in der Diätetik der Cholecystopathien. *Zschr. klin. Med.*, 1937-38, 133: 656-64.—**Badykess, S. O., & Strokov, F. Y.** [Experimental gallbladder diseases and motor function of the gastro-duodenal tract] *Russ. klin.*, 1930, 13: 52-9.—**Barker, W. C.** Reflex disturbances of the gall-bladder. *J. Am. Inst. Homeop.*, 1928, 21: 971-6.—**Bassler, A.** The pathological gall-bladder; what causes it and what to do with it. *Mississippi Doctor*, 1938-39, 16: No. 10, 1-6.—**Bazzocchi, G., & Conti, G.** Coleicistopatie e malattie progressive. *Clin. chir.*, Milano, 1938, 41: 607-18.—**Boland, F. K., jr.** Biliary diseases in the Negro. *J. M. Ass. Georgia*, 1937, 26: 185-7.—**Brodin, P., & Tédesco.** Les réactions de la vésicule biliaire dans l'appendicite chronique et les inflammations du colon droit. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 1220-2.—**Campanacci, D.** Coleicistopatie metapleuritiche. *Minerva med.*, Tor., 1934, 25: pt 2, 757-63.—**Cole, W. H., & Rossiter, L. J.** The relationship of lesions of the cystic duct to gall-bladder disease. *Tr. Am. Gastroenter. Ass.*, 1938, 41. meet., 98-108.—**Crile, G.** Etiology and treatment of gallbladder disease. *Cleveland Clin. Q.*, 1935, 2: 3-8.—**Curb, D. L.** The incidence of gallbladder disease in the Negro. *Bull. John Sealy Hosp.*, Galvest., 1940, 2: 19-21.—**Deaver, J. B.** The etiology of gall-bladder disease. *Pennsylvania M. J.*, 1929-30, 33: 13-5.—**Denton, J.** The mode of origin of gallbladder lesions. *Arch. Surg.*, 1927, 14: 1-13.—**Durfee, H. A.** Gallbladder disease and pregnancy. *Bull. Mary Fletcher Hosp.*, 1933, 1: 1-4.—**Ferguson, L. K., & Priestley, J. T.** The relation of gall-bladder disease to pregnancy; with special relation to the factor of hypercholesterolemia. *Am. J. Obst.*, 1928, 16: 82-9.—**Forrai, E.** Die gemeinsamen familiären Erkrankungen von Magen, Gallenblase und Appendix. *Wien. klin. Wschr.*, 1936, 49: 753-5.—**Good, C. A., jr., & Kirklin, B. R.** The influence of extrahepatic disease on the function of the gallbladder; a cholecystographic study. *Am. J. Roentg.*, 1937, 37: 346-9.—**Haug, H.** Gallenblase und Pankreas. *Med. Korb. Württemberg*, 1927, 97: 515-8.—**Heyd, C. G.** The pathology of the gall-bladder in relation to pregnancy. *Med. Rev. of Rev.*, 1926, 32: 600; 1927, 33: 49.—**Huggins, R. R., Harden, B., & Grier, G. W.** A study of the relationship of pregnancy to disease of the gall-bladder. *Surg. Gyn. Obst.*, 1935, 61: 471-9.—**Kaikini, V. M.** Some aspects of gall-bladder disease as seen in India. *Ind. M. Rec.*, 1930, 50: 50-5.—**Körner, G.** Ueber die familiäre Häufung der Gallenblasenkrankheiten. *Zschr. menschl. Vererb.*, 1936-37, 20: 526-82, 2 ch. Also *Verh. Deut. path. Ges.*, 1937, 29: 126-9.—**Konjetzny, G. E.** Eine anomale Peritonealbildung (Lig. cysto-coleum) als Ursache pathologischer Zustände der Gallenblase und des Duodenum (intermittierende Gallenstauung und Duodenalstenose). *Deut. Zschr. Chir.*, 1930, 228: 28-40.—**Kovács, J.** [Etiology and therapy of affections of the gall-bladder] *Orv. hetil.*, 1927, 71: 805-7.—**Paula e Silva, G. S. de.** Duodenal-entleerungsstörungen und ihre Beziehungen zu den Erkrankungen der Gallenblasen. *Arch. Verdauungskr.*, 1937-38, 62: 274-80.—**Robertson, H. F.** Fair fat, and forty. *Week. Roster, Phila.*, 1938-39, 34: 85.—**Schaare, U.** Canalis spasmus und Cholecystopathie. *Zschr. klin. Med.*, 1936, 130: 734-42.—**Schaefer, W.** Zur Physiologie und Pathologie der Gallenblase in der Schwangerschaft, Geburt und Wochenbett, unter besonderer Berücksichtigung der Steinentstehung in dieser Periode. *Arch. Gyn.*, Berl., 1932, 150: 690-740.—**Scharf, J.** Appendektomie als ätiologischer Faktor von Gallenerkrankungen. *Med. Klin.*, Berl., 1934, 30: 1125-7.—**Snell, J. A.** Gallbladder disease among the Chinese. *China M. J.*, 1933, 47: 331-43.—**Soper, H. W.** Relationship between disease of the gall-bladder and infection in the gastro-intestinal tract. *Ann. Clin. M.*, 1925, 4: 422-4.—**Spirito, F.** Cistifellea e castrazione. *Arch. ostet. gin.*, 1936, 43: 1-16.—**Vignes, H.** Gallenblasenstörungen in der Schwangerschaft. *Geburtsh. & Frauenh.*, 1939, 1: 743-8.—**Wolfer, J. A.** The rôle of the pancreatic juice in the production of gallbladder disease. *Surg. Gyn. Obst.*, 1931, 53: 433-47.—**Pancreatic juice as a factor in the etiology of gallbladder disease.** *Surgery*, 1937, 1: 928-38.—**Further evidence that pancreatic juice reflux may be etiologic factor in gallbladder disease.** *Ann. Surg.*, 1939, 109: 187-92. Also repr.
- TRIBOULET, F.** *Affections de la vésicule biliaire simulant la tuberculose pulmonaire; les fausses tuberculoses d'origine cholécystique. 56p. 8°. Par., 1927.
- Bayer, L.** Dünndarmatonie als diagnostisch verwertbares Symptom bei Erkrankungen des Leber-Gallen-Systems. *Fortsch. Röntgenstrahl.*, 1937, 56: 87-90 [Discussion] 90.—**Bayley, W. A.** The latent gall-bladder. *Am. J. Surg.*, 1930, n. ser., 8: 548-50.—**Blackford, J. M., & Dwyer, M. F.** Gastric symptoms, with particular reference to gallbladder disease. *J. Am. M. Ass.*, 1924, 83: 412-6.—**Campanacci, D.** Aipressia mestruale segno diagnostico differenziale tra febricola coleicistocolitica e febricola tuberculosa. *Minerva med.*, Tor., 1933, 24: pt 2, 337-41.—**Pietrantoni, L.** Sindromi rinofaringee di disfunzione coleicistica. *Policlinico*, 1931, 38: sez. med., 448-76.—**Campbell, A. R.** Gassy indigestion; its significance as a symptom of gall-bladder disease; with a review of 60 cases of cholecystectomy. *Canad. M. Ass. J.*, 1926, 16: 151-4.—**Dupérier, R., Dubarry, J., & Thibaut, P.** De quelques masques cliniques des affections vésiculaires. *Gaz. méd. France*, 1938, 45: gastr. No. 22, 6-11.—**Edelmann, H.** Hämaturie bei Cholecystopathie. *Med. Klin.*, Berl., 1930, 26: 1817.—**Freeman, L.** The neurotic or irritable abdomen. *Ann. Surg.*, 1924, 80: 692-6.—**Friedenwald, J., & Morrison, T. H.** Some observations on the dyspepsia associated with gallbladder disease. *Virginia M. Month.*, 1928-29, 55: 852-7.—**Galindez, A., & Delrio, J. M.** Síndrome pilórico completo por compresión vesicular. *Bol. Soc. cir. B. Aires*, 1930, 14: 874-9.—**Georgievsky, K. N.** [Clinical importance of n. phrenicus phenomenon (symptom Mussy) in gall-bladder diseases] *Vrach. delo*, 1926, 9: 859-61.—**Held, I. W.** Gallbladder disease

with atypical symptoms, including biliary dyskinesia. *Med. Clin. N. America*, 1935, 19: 649-76.—**Hutchins, E. H.** Some gallbladder problems in relation to dyspepsia. *Rev. Gastroenter.*, 1940, 7: 59-64.—**Levin, A. L., & Shushan, M.** Gallbladder disease: an evaluation of the clinical and radiological aspects in 700 cases. *South. M. J.*, 1937, 30: 705-11.—**Pumpelly, W. C.** Indigestion; its relation to gall-bladder disease; the clinical aspect of cholecystic disease. *J. M. Ass. Georgia*, 1928, 17: 514-9.—**Rehfuß, M. E.** History of gall bladder disease; resume of symptoms. *Tr. Am. Gastroenter. Ass.*, 1934, 37. meet., 64-71. Also *Am. J. Digest. Dis.*, 1934, 1: 289; 488.—**Smith, C. T.** The signs and symptoms of gallbladder disease; analysis of 100 cases. *South. M. & S.*, 1927, 89: 695.—**Toland, C. G.** Gastro-intestinal symptoms masking gall-bladder disease. *California West. M.*, 1928, 28: 42-5.—**White, F. W., & Jankelson, I. R.** Gastro-intestinal hemorrhage in disease of the gall-bladder. *N. England J. M.*, 1931, 205: 793-7. Also repr.

Disease: Manifestations, cardiac.

See also Angina pectoris, Differential diagnosis.

Agnoli, R., & Bussa, D. Sulle relazioni tra colecisti e sindromi anginose. *Riforma med.*, 1937, 53: 1691-4.—**Anardi, T.** Sulla genesi della sindrome epigastrica nelle colecistopatie. *Ann. ital. chir.*, 1936, 15: 655-82.—**Bellet, S.** Relationship between heart and gall-bladder disease. *Tristate M. J.*, 1938-39, 11: 2177-9.—**Bieling, O.** Cholecystopathie und Angina pectoris abdominalis; ein Beitrag zur Differentialdiagnose und Therapie. *Med. Welt*, 1937, 11: 537-9.—**Brown, T. R.** Cardiac symptoms in unsuspected gall-bladder disease. *Lihman Annivers. Vol.*, 1932, 1: 265-71.—**Carmichael, J. L.** The relation of gallbladder disease without jaundice to bradycardia and heart disease: case report. *South. M. J.*, 1934, 27: 407-10.—**Constantinescu, M., & Tüchel, V.** Angina-pectoris-artige Anfälle cholecystischen Ursprungs. *Zbl. Chir.*, 1939, 66: 1047-51.—**Dóssola, A. A.** Colecistopatia y síndrome anginoso. *Sem. méd., B. Air.*, 1938, 45: 575-82.—**Gould, L. K.** Gall-bladder disease simulating angina pectoris. *J. Indiana M. Ass.*, 1935, 28: 222-6.—**Miller, C. H.** The gall-bladder and cardiac pain. *Lancet, Lond.*, 1932, 1: 767-72.—**Stroud, W. D., Bockus, H. L.** [et al.] The possible relationship between gall-bladder disease and coronary disease. *Tr. Ass. Am. Physicians*, 1939, 54: 269-76.—**Vest, W. E.** Anginoid symptoms of gallbladder disease; a survey of the literature. *South. M. J.*, 1934, 27: 410-3.—**Weiss, M. M., & Hamilton, J. E.** The effect of gall-bladder disease on the electrocardiogram. *Surgery*, 1939, 6: 893-5.—**Yoell, R. A.** Cholecystic disease simulating angina pectoris. *West. J. Surg.*, 1930, 38: 692-9.

Disease: Manifestations: Pain.

See also Biliary calculus, Pain.

MADON, R. *Les syndromes douloureux vésiculaires d'origine fonctionnelle; fréquence, diagnostic, essai pathogénique. 60p. 25½cm. Lyon, 1938.

Akana, W. I., Greeley, H., Jr., & Farr, C. E. Referred pain in gall-bladder disease with a report of 424 consecutive cases. *Am. J. M. Sc.*, 1927, 173: 23-30.—**Ambrose, A. J.** The treatment of biliary and renal colic in general practice. *Med. Press & Circ.*, 1936, 193: 45-7.—**Bein, G. V.** Nervalgin bei Gallenblasenkoliken. *Munch. med. Wschr.*, 1937, 84: 651.—**Bérard, L., Savy, P., & Mallet-Guy, P.** Du mécanisme de la douleur dans les syndromes vésiculaires pseudo-lithiasiques: vésicules de stase et vésicules intolérantes. *Rev. méd. chir. mal. foie*, 1928, 3: 13-38.—**Blackford, L. M.** Root pain simulating gallbladder disease. *Bull. Fulton Co. M. Soc.*, 1938, 12: No. 9, 5.—**Cernezzi, A.** Le ritenzioni biliari, intermittenti e dolorose della cistifellea (coliche da cistocolostasi). *Arch. ital. chir.*, 1926, 16: 513-38.—**D'Antona, L.** La neurosi della vescichetta biliare e delle vie biliari extraepatiche. *Gior. med. prat.*, 1931, 13: 112-23.—**Degan, E., & Opreanu, I.** [Antispasmodics in painful cholecystopathies]. *România med.*, 1938, 16: 278-80.—**Denier.** Les rayons de Bucky dans les cholecystalgies. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 2: 559.—**Fiessinger, N.** Terapia dei dolori della cistifellea non calcolosa. *Rinasc. med.*, 1938, 15: 274.—**Groves, W. A.** Chloroform to the surgical degree in biliary colic. *Canada Lancet Pract.*, 1929, 72: 208-10.—**Hochman, C. H.** Nonnarcotic control of pain in biliary colic; report of a case emphasizing its advantages. *Med. Rec., N. Y.*, 1936, 144: 559.—**Hutet, G.** L'anesthésie locale intradermique dans les syndromes douloureux vésiculaires; sa physiologie. *J. méd. Lyon*, 1929, 10: 247-54. Also *Rev. méd. chir. mal. foie*, 1929, 4: 42; 140.—**Kharitonov, L. S.** [Criticism of the value of pain zones in cholecystopathy]. *Ter. arkh.*, 1937, 15: 306-15.—**Levene, G.** Reflex tenderness: a sign of gall-bladder disease. *N. England J. M.*, 1931, 305: 403.—**Moutier, F.** Traitement des états vésiculaires douloureux par les eaux sulfatées sodiques faibles. *Arch. mal. app. digest.*, 1930, 20: 847-58.—**Mozor & Parturier, G.** Colique vésiculaire à forme lombaire. *Bull. Soc. méd. hôp. Paris*, 1924, 3. ser., 48: 303.—**Parturier, G.** El síndrome vesicular. *Arch. med., Madr.*, 1926, 23: 193-7. Also *Rev. méd. chir. mal. foie*, 1927, 2: 241-4. — **Blague, G.** Les principales médications phytothérapeutiques des algies de la vésicule biliaire. *J. méd. fr.*, 1932, 21: 188-92.—**Parturier, G., & Feldstein, R.**

Douleurs vésiculaires aberrantes; essai de pathogénie. *Ibid.*, 1935-9. — *Localisations trompeuses dans les cholecystalgies.* *Ibid.*, 176-80. — *Contribution à l'étude de l'irradiation lombaire des cholecystalgies.* *Vie méd.*, 1932, 13: 493-6.—**Parturier, G., & Hutet, G.** La thérapeutique locale dans les syndromes douloureux vésiculaires. *C. rend. Congr. internat. méd. trop.*, 1929, 1. Congr., 2: 863-77.—**Petteau, C.** De l'action sédative de la cure de Capvern dans les syndromes douloureux d'origine vésiculaire. *J. méd. Bordeaux*, 1936, 113: 72.—**Reicher, K.** Zur Therapie akuter Gallenkoliken. *Med. Welt*, 1930, 4: 331.—**Rogers, McL.** The gall bladder in relation to right sided pain. *J. Oklahoma M. Ass.*, 1926, 19: 315-7.—**Saloz, C., & Demole, M.** Les vésicules douloureuses en dehors de la lithiasie biliaire. *Bruxelles méd.*, 1937-38, 18: 790-802. Also *Arch. Verdauungskr.*, 1938, 63: 147-9.—**Sérégé, H.** La colique hépatique vésiculaire contre-indique-t-elle un traitement aux eaux de Vichy? *Gaz. soc. méd. Bordeaux*, 1923, 44: 242-7.—**Stern, M.** Ueber Transposition der Headschen Zone und des Boasschen Druckpunktes bei Cholezystopathien. *Deut. med. Wschr.*, 1931, 57: 361.—**Vignes, H.** Gallenkolik und Schwangerschaft. *Geburtsh. & Frauenh.*, 1939, 1: 399-406.

Disease: Pathology.

Acosta Silva, M. Un estudio sobre patologia vesicular. *Gac. méd. Caracas*, 1935, 42: 49.—**Andrews, E.** Pathologic changes of diseased gall bladders: a new classification. *Tr. West. Surg. Ass.*, 1934, 44: 470-502, ch. Also *Arch. Surg.*, 1935, 31: 767-93.—**Baumgartner, C. J.** Pathological lesions of the gall-bladder. *Surg. Gyn. Obst.*, 1929, 49: 780-7.—**Boyd, W.** Some points in the pathology of the gall-bladder. *Canad. M. Ass. J.*, 1927, 17: 1015-8.—**Cicieri, C., & Gabrielli, S.** Contributo alla conoscenza delle alterazioni anatomicopatologiche della colecisti. *Riforma med.*, 1932, 48: 130-2.—**Cole, W. H., & Rossiter, L. J.** The relationship of lesions of the cystic duct to gall-bladder disease. *Am. J. Digest. Dis.*, 1938-39, 5: 576-86.—**Collins, F. K.** An unusual gallbladder. *Surg. Clin. N. America*, 1930, 10: 1005-10.—**Condon, A. P.** Pathology and treatment of gallbladder lesions. *Nebraska M. J.*, 1934, 19: 121-5.—**Cross, K. S.** An unusual gall-bladder condition. *Med. J. Australia*, 1928, 2: 209-11.—**Deaver, J. B.** Early gall-bladder pathology. *Tr. Coll. Physicians Philadelphia*, 1924, 3. ser., 46: 30-7.—**Einhorn, M.** Einiges zur Pathologie der Gallenblase. In *Baln. & Balneother.* Karlsbad (1930) 1931, 12: 173-88. Also *Arch. Verdauungskr.*, 1931, 49: 144-54. — *A few items regarding gallbladder pathology.* *Med. J. & Rec.*, 1930, 132: 544-9.—**Ganbarov, M. A.** [Pathology of the so-called congested gall-bladder]. *Nov. khir. arkh.*, 1938, 42: 99-102.—**Genkin, I. I., & Dmitruk, J. D.** Ueber die Reaktion des Lebergewebes auf pathologische Prozesse in der Gallenblase. *Zschr. ges. exp. Med.*, 1927, 56: 633-9.—**Martinotti, G.** Trasformazione cistica della cistifellea, radiologicamente diagnosticata. *Ann. radiol., Bologna*, 1934, 8: 295-310.—**Monauni, J.** Bemerkenswerte Befunde von Cholecystopathie. *Wien. klin. Wschr.*, 1932, 45: 205.—**Pilven.** Réflexions sur la pathologie de la vésicule biliaire. *Gaz. méd. France*, 1938, 45: gastr. No. 10-5.—**Priesel, A.** Ueber Pigmentablagerung in der Gallenblasenwand des Menschen. *Zbl. allg. Path.*, 1927, 40: 181-4.—**Puig Sureda, J., & Galiartí Monés, F.** Un cas de vésicule biliaire kystique gigantesque. *Bull. Soc. méd. hôp. Paris*, 1931, 3. ser., 47: 206-8.—**Vecchi, A.** Iperplasia ed eterotopia dell'epitelio in affezioni della cistifellea. *Arch. ital. chir.*, 1927, 19: 109-23.—**Wahl, H. R.** Pathology of the gall-bladder. *Wisconsin M. J.*, 1930, 29: 313-6.—**Walton, A. J.** Specimens illustrating pathological processes in the gall-bladder and stomach. *Tr. M. Soc. London*, 1933, 56: 102-4.

Disease: Physiopathology.

BÉRARDIER, G. *Contribution à l'étude du chimisme gastrique dans les affections de la vésicule biliaire. 72p. 8°. Par., 1929.

CORDOVI, M. *Aciditätsverhältnisse des Magens bei Gallenblasenerkrankungen [Berlin] 33p. 8°. Charlottenb., 1928.

GLAUM, A. *Das Verhalten der inneren Sekretion des Pankreas, untersucht bei 461 Gallen-erkrankungen der chirurgischen Klinik Giessen [Giessen] 20p. 8°. Butzbach, 1938.

LEUN, W. *Beitrag zur Kenntnis der alimentären Lipämie bei Gesunden und Gallen-kranken. p.111-29. 24cm. Giessen, 1937.

Also *Beitr. klin. Chir.*, 1937, 166:

Badylkes, S. O. Experimentelle Cholezystopathien und die sekretorische Funktion des Magens. *Arch. Verdauungskr.*, 1929, 45: 254-64.

Strokow, F. I. Experimentelle Cholezystopathien und die motorische Funktion des gastro-intestinalen Traktus. *Ibid.*, 1930, 47: 222-32.—**Bogges, J. W., Jr.** A consideration of functional disorders in relation to diseases of the gall-bladder. *J. M. Ass. Alabama*, 1936-37, 6: 350-3.—**Chabrol, E., & Bussan, A.** Les réactions vésiculaires; essai clinique et pathogénique. *Presse méd.*, 1938, 46: 41-3.—**Constant, A. B.** The physiopathology of the gall-bladder. *Clin. M. & S.*, 1930, 37: 877-83.—**DeCourcy, J. L.** Iodine content of blood in cholestatic disease. *Arch. Surg.*, 1937, 35:

140-7. — Further study of blood iodine changes in affections of the gall bladder. *Surg. Gyn. Obst.*, 1937, 65: 180-7. — **Dominici, G.** Su alcuni punti di fisiopatologia della colecistite. *Minerva med.*, Tor., 1937, 28: 407-14. — **Galán, J. C.** La fisiopatología de la vesícula biliar; importancia de su estudio para la clínica y la terapéutica. *Rev. As. méd. argent.*, 1927, 40: 450; 644. — **Glénard, R.** Rapport sur un ouvrage du Dr P. R. Baez, intitulé: *nuevas orientaciones sobre la fisiopatología de la vesícula biliar*. *Presse therm. clin.*, 1939, 80: 150. — **Griessmann, H.** Das Verhalten der inneren und äusseren Sekretion der Bauchspeicheldrüse bei Erkrankungen der Gallenwege und ihre Bedeutung für die operative Behandlung. *Beitr. klin. Chir.*, 1938, 168: 284-303. — **Gwein.** The functions of the stomach in diseases of the gall-bladder. *J. Egypt. M. Ass.*, 1933, 16: 939-42. — **Hechtmann, G.** Die gegenseitigen Beziehungen zwischen Gallenblasenerkrankungen und der sekretorischen Funktion des Magens und des Pankreas. *Arch. Verdauungskr.*, 1926, 39: 219-48. — **Hofhauser, J.** [Importance of the reciprocal effect of digestive juices for surgical pathology] *Orv. hetil.*, 1935, 79: 62-6. — **Istomina, K. V.** [The pancreas in cholecystopathy] *Kazan. med. J.*, 1940, 36: 46-50. — **Johnson, J., Ellis, A. L., & Riegel, C.** Studies of gall bladder function; absorption of sodium tetraiodophenolphthalein from the normal and damaged gall bladder. *Am. J. M. Sc.*, 1937, 193: 483-8, 2 pl. — **Laird, S. M.** The state of the heart in gall-bladder disease: a personal investigation. *Brit. M. J.*, 1938, 1: 884-7. — **Landau, A., Glass, B., & Bauer, J.** [Functional disorders of the stomach and pancreas in diseases of the gall-bladder] *Polska gaz. lek.*, 1929, 8: 921-5. — **Lantodub, U. E.** [Gastric secretion in cholecystopathy] *Russ. klin.*, 1930, 14: 97-103. — Die Magensekretion bei Cholezystopathien. *Arch. Verdauungskr.*, 1931, 49: 347-55. — **Mogena, H. G.** Trastornos funcionales de la vesícula biliar. *Progr. clin.*, Madr., 1932, 40: 3-7. — Repercusión de las afecciones vesiculares sobre otros órganos. *Rev. españ. enferm. ap. digest.*, 1935, 1: 765-76. — **Newman, C.** Physiology of the gall-bladder and its functional abnormalities. *Lancet, Lond.*, 1933, 1: 841-8. — **Ohly, A.** Ueber die Säurewerte des Magens bei Cholezystopathie. *Arch. Verdauungskr.*, 1929, 45: 239-54. — **Pólya, J.** [Function of diseased (non-cholelithiasic) gall-bladder] *Orv. hetil.*, 1934, 78: 1196-204. — **Ramond, F.** Quelques considérations sur la physiopathologie du cholécyste. *Bull. Soc. méd. Paris*, 1939, 192-5. — **Roubeau, H. G.** Les réactions vésiculaires au cours de la lithase biliaire; quelques difficultés de diagnostic, traitement. *Hôpital*, 1923, 11: 282-5. — **Schöndube, W.** Zur Kenntnis und Behandlung der dysfunktionalen Beschwerden stein- und entzündungsfreier Gallenblasen. *Med. Welt*, 1929, 3: 1533-6. — **Silverman, D. N.** Gall-bladder disease; its metabolic aspect. *N. Orleans M. & S. J.*, 1925-26, 78: 801-4. — **Van der Elst, L.** Nouvelles données expérimentales sur la physiopathologie de la vésicule biliaire. *Presse méd.*, 1935, 43: 524-7.

Disease: Prognosis.

DUBLIN, L. I., JIMENIS, A. O. [et al.] Factors in the selection of risks with a history of gall bladder disease. 32p. 8° N. Y., 1935.

Also Abstr. Proc. Ass. Life Insur. M. Dir. America, 1935, 21: 34-95.

Carr, E. I. Gallbladder disease as a cause of death. *J. Michigan M. Soc.*, 1930, 29: 102-6. — **Certain** aspects of gall bladder diseases. *Statist. Bull. Metrop. Life Insur.*, 1935, 16: No. 11, 4-6. — **Cole, W. H.** Factors in the prognosis and mortality of gall-bladder disease; collective review. *Surg. Gyn. Obst.*, 1939, 69: suppl., 40-6. — **Colp, R., & Ginzburg, L.** Mortality in surgical diseases of the biliary tract; an analysis of 130 autopsies. *Ann. Surg.*, 1937, 105: 9-32. — **Deaver, J. B.** Rôle of the liver and gall-bladder in the mortality and morbidity of gall-bladder disease. *Tr. Am. Gastroenter. Ass.* (1929) 1930, 32: 463-6. Also *Am. J. Surg.*, 1929, n. ser., 7: 463-6. — **Geill, T.** [Diseases of the gall-bladder and liver from the life-insurance viewpoint] *Hospitalstidende*, 1934, 77: 677-93. — **Wilkie, D. P. D.** Prognosis in gall-bladder disease. *Lancet, Lond.*, 1934, 1: 751.

Disease: Statistics.

HOLVEY, E. H. *Cholecystic disease; a review of 102 consecutive cases. 42p. 4° Milwaukee, 1938.

Amory, O. T. Gall-bladder disease; report of 100 consecutive cases. *Virginia M. Month.*, 1934, 61: 296-9. — **Andrews, E.** Detailed studies of a series of gall-bladder cases. *Surg. Gyn. Obst.*, 1933, 57: 36-50. — **Becker, F. E.** Frequency of gall-bladder disease, and its diagnosis at autopsy; based upon a review of 534 autopsies. *Colorado M.*, 1929, 26: 204-9. — **Bisgard, J. D., & Dornberger, R. G.** A study of 836 cases of gallbladder disease; the results of medical and surgical treatment. *Nebraska M. J.*, 1938, 23: 374-81. — **Blaxland, A. J.** Gall-bladder disease: some observations on a series of 135 cases. *Practitioner, Lond.*, 1926, 117: 365-75. — **Deaver, J. B., & Bortz, E. L.** Gallbladder disease; a review of 903 cases. *J. Am. M. Ass.*, 1927, 88: 619-23. — **Hitzrot, J. M., & Cornell, N. W.** An analysis of 482 gall-bladder cases. *Ann. Surg.*, 1926, 84: 829-32. — **Irwin, F. G., & Ramos Oller, A.** Gall-bladder disease in Puerto Rico. *Puerto Rico J. Pub. Health*, 1938-39, 14: 28-34. — **Johnson, W. O.** One hundred consecu-

tive cholecystectomies; a bacteriological and histological study of gall-bladder lesions together with a histological study of the associated appendices. *Am. J. M. Sc.*, 1925, 170: 181-5. — **Kirklin, B. R., & Blake, T. W.** Cholecystic disease; a comparison of the clinical with the cholecystographic data concerning 500 patients not operated on. *J. Am. M. Ass.*, 1935, 105: 1416-9. — **Leopold, G.** Beobachtungen bei 813 Fällen von Gallenblasenerkrankung und Bemerkungen über deren interne Behandlung. *Deut. med. Wschr.*, 1925, 51: 1106-8. — **Millett, G. W.** Cholecystectomy; clinical and pathologic findings in 200 cases. *Northwest M.*, 1925, 24: 383-5.

Disease: Treatment.

CEPLECHA, S. F. *The management of gall bladder disease. 20p. 4° Wauwatosa, 1938.

REHFUSS, M. E., & NELSON, G. M. The medical treatment of gallbladder disease. 465p. 8° Phila., 1935.

Also Pennsylvania M. J., 1928-29, 32: 13-6.

Andresen, A. F. R. The treatment of chronic gall-bladder disease. *Long Island M. J.*, 1926, 20: 113-9. — **Bessen, A. N., jr.** Medical therapy of gall-bladder disease. *N. Orleans M. & S. J.*, 1928-29, 81: 205-9. — **Bessen, D. H.** The medical treatment of gall-bladder disease. *Am. Med.*, 1926, n. ser., 21: 699-701. — **Binet, M. E.** Les grandes lignes du traitement médical des angio-cholecystites chroniques. *Hôpital*, 1926, 14: 169-72. — Le sport dans les affections de la vésicule biliaire. *Ibid.*, 1933, 21: 90-2. — **Boas, I.** Two important aids in the treatment of cholecystopathies and hepatopathies. *Ars medicæ, Wien*, 1937, 15: 291-3. — **Kritisches und Prinzipielles zur Therapie der Cholezystopathien.** *Wien. med. Wschr.*, 1938, 88: 4; 39. — **Brauchle, A.** Krankheiten der Gallenblase in der naturärztlichen Klinik. *Physiatrie, Berl.*, 1932, 4: 47-52. — **Breuer, M. J.** Gall-bladder disease and physiotherapy. *Am. J. Phys. Ther.*, 1925-26, 2: 203-5. — Physical methods in gall-bladder disease. *Med. Herald*, 1926, 45: 171-3. — **Brown, T. R.** The results of treatment—medical and surgical—in gall-bladder disease from a clinician's viewpoint. *Am. J. Digest. Dis.*, 1934, 1: 221-7. — **Butt, H. R.** Management of special symptoms and complications. In *Dis. gallbladder* (W. Walters) Phila., 1940, 540-62. — **Chamberlain, C. T.** Medical management of gall-bladder disease. *J. Arkansas M. Soc.*, 1937-38, 34: 131-6. — **Clinton, M.** The management of gallbladder disease. *Rev. Gastroenter.*, 1939, 6: 140-6. — **Damrau, F.** The medical treatment of gallbladder affections; based on a study of 16 cases. *Med. Rec., N. Y.*, 1935, 142: 515-7. — **Delherm, A. & Dausset, J.** La physiothérapie sédative des affections vésiculaires. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 1: 214-39. Also *J. radiol. élect.*, 1932, 16: 293. — **Also Nutrition, Par., 1932, 2: 563-81. — **Downing, W. J.** Osteopathic manipulative treatment of nonsurgical gall-bladder. *J. Am. Osteopath. Ass.*, 1939-40, 39: 104-7. — **Eberhard, H. M.** Some important points in the medical management of gallbladder and gall-tract cases. *J. Am. Inst. Homeop.*, 1937, 30: 711-6. — **Fordyce, C. P.** The medical treatment of gall-bladder disease. *Nebraska M. J.*, 1927, 12: 330-3. — **Friedenwald, J., Morrison, S., & Feldman, M.** The medical management of cholecystic disease. *Rev. Gastroenter.*, 1940, 7: 256-62. — **Gemmell, W. F.** The changing conception of gallbladder management. *Pennsylvania M. J.*, 1939-40, 43: 477-80. — **Grisinger, G. F.** The prophylaxis of gall-bladder disease. *West Virginia M. J.*, 1934, 30: 357. — **Grosskopf, M. L.** Zur Therapie der Cholezystopathie. *Wien. med. Wschr.*, 1936, 86: 164. — **Grundzack, I.** [Remarks on Dr W. Robin's paper in reference to 15 years of experience in duodenal administration of olive oil in diseases of the gallbladder] *Warsz. czas. lek.*, 1938, 15: 47. — **Haberland, H. F. O.** Die Therapie der Gallenblasenerkrankungen. *Fortsch. Ther.*, 1925, 1: 132-4. — **Hancock, J. D.** The diagnosis and management of acute gallbladder disease. *South. Surgeon*, 1938, 7: 121-4. — **Hirsch, R.** Diathermie und Gallenblasenerkrankung. *Münch. med. Wschr.*, 1925, 72: 1029. — **K. K. H.** Erkrankungen der Gallenblase und ihre Behandlung. *Mitt. Biochem.*, 1936, 43: 134-7. — **Kimball, A. P.** Problems and management of gallbladder disease. *Southwest J. M. & S.*, 1933, 17: 156-61. — **Knight, B. L.** The gall-bladder in office practice. *Am. Med.*, 1933, 39: 299-306. — **Knott, F. A.** Duodenal intubation in gall-bladder disease. *Guy's Hosp. Rep.*, Lond., 1933, 83: 347-59. — **Kunath, C. A.** The treatment of acute cholecystic disease. *Surg. Gyn. Obst.*, 1937, 65: 79-87. — **Le Go, P.** Les réactions sympathiques paravertébrales de la vésicule biliaire; leur traitement par réflexothérapie électrique. *Clinique, Par.*, 1934, 29: 135-7. — **Lund, F. R.** The importance of medical care and consultation in cases of gall-bladder disease; also the advantage of spinal anesthesia in operations on the gall-bladder. *N. England J. M.*, 1929, 201: 1089-95. — **McGuire, S.** The evolution of the modern treatment of diseases of the gall-bladder. *J. S. Carolina M. Ass.*, 1926, 22: 101-6. — **McVicar, C. S.** Common disorders of the biliary tract; diagnosis and management. *J. Tennessee M. Ass.*, 1929-30, 22: 75-81. — **Marshall, E. A.** Medical management of chronic gallbladder disease. *Ohio M. J.*, 1937, 33: 409-13. — **Mock, H. E.** The management of gallbladder disease. *Wisconsin M. J.*, 1939, 38: 961-7. — **Brown, C. F. G., & Dolkart, R. E.** The conservative treatment of gall-bladder disease. *Surg. Gyn. Obst.*, 1938, 66: 79-87. — **Musser, J. H.** Comments on the medical management of disease of the gall-**

bladder. J. Michigan M. Soc., 1936, 35: 1-10.—**Nadler, W. H.** Indications and contraindications for medical management of gallbladder disease. Med. Clin. N. America, 1939, 23: 43-54.—**Nelson, G. M., & Rehfus, M. E.** Experimental production and specific treatment of gall-bladder disease. Surg. Gyn. Obst., 1939, 69: 129-35.—**Orr, T. G.** Notes on the treatment of gall-bladder diseases. J. Kansas M. Soc., 1931, 32: 47-9.—**Pavel, I.** La médication relâchante de la vésicule biliaire. Nutrition, Par., 1931, 1: 385-96.—**Payzant, C. L.** Physical therapy aspects of gallbladder disorders. Arch. Phys. Ther., 1928, 9: 364-70.—**Piersol, G. M.** The medical aspect and treatment of chronic gallbladder disease. Internat. Clin., 1936, 46, ser., 4: 146-61.—**Portis, S. A.** Symposium on medical management of gallbladder disease; introduction. Med. Clin. N. America, 1939, 23: 1.—**Ravdin, I. S., & Johnston, C. G.** Symposium on diseases of the upper abdomen; the gallbladder; recent advances as applied to treatment. Pennsylvania M. J., 1932, 35: 357-61.—**Reed, F. G.** Types of gall-bladder for medical treatment. J. M. Soc. N. Jersey, 1938, 35: 733-5.—**Rehuss, M. E.** The management of the gallbladder patient. Pennsylvania M. J., 1938-39, 42: 1335-9.—**Robertson, G. H.** The medical management of the acute gall-bladder. N. Zealand M. J., 1937, 36: 230-5.—**Robin, W.** [Fifteen years of duodenal olive-oil administration in affections of the gall-bladder] Warsz. czas. lek., 1937, 14: 889.—**Rudner, H. G.** Medical treatment of gall-bladder disease. Memphis M. J., 1937, 12: 180-3. Also Tristate M. J., 1938-39, 11: 2216.—**Sametinger, E.** Behandlung der Gallenblasenerkrankungen. Zschr. ärztl. Fortbild., 1935, 32: 533-6. El tratamiento moderno de las enfermedades de la vesícula biliar. Rev. méd. germ. ibero-amer., 1936, 9: 285-9.—**Sanders, L. C.** The medical management of chronic gall-bladder disease. J. Tennessee M. Ass., 1939, 32: 47-9.—**Sanovsky, F. G.** [Principles of therapy in gall-bladder disease, past and present. Klin. med., Moskva, 1928, 6: 321-30.—**Scott, A. C., jr.** Modern management of gall-bladder disease. Texas J. M., 1934, 30: 434-7.—**Singer, G.** Welche Behandlungsmethoden der Gallenblasenerkrankungen konservativer Art bewähren sich in der Praxis? Wien. klin. Wschr., 1925, 38: 1224.—**Stern, M.** Quelques résultats thérapeutiques dans les cholécystopathies. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 380-2.—**Tuohy, E. L.** The age factor and intensity or extent of gall tract disease as therapeutic determinants. Minnesota M., 1936, 19: 633-7.—**Vanden Berg, H. J.** A discussion of gall-bladder disease, and its management. J. Michigan M. Soc., 1934, 33: 12-5.—**Walker, A. S.** The medical treatment of gall-bladder disease. Med. J. Australia, 1927, 2: 431-3.—**Yazigi, R., Garcia de Yazigi, V., & Salas, R.** Contribución a la terapéutica médica de las afecciones vesiculares con exclusión del resto de las vías biliares. Rev. méd. Chile, 1939, 67: 1142-51.

— Disease: Treatment: Balneotherapy, and dietetics.

Arany, G. Die innere Behandlung der Gallenkrankheiten mit besonderer Berücksichtigung der Balneotherapie. Wien. med. Wschr., 1936, 86: 1148-50.—**Borgbjærg, A.** Ernährungsbehandlung der Gallenblasenerkrankungen. Acta med. scand., 1934, Suppl. 59, 312-35.—**Diet in gall-bladder disease.** Physician's Bull., 1939, 4: 9-12.—**Einhorn, M.** Diet in gall-bladder diseases. Med. J. & Rec., 1930, 132: 227. Also repr. Also Med. Welt, 1930, 4: 1428.—**Hernando, T.** Le régime alimentaire dans les syndromes vésiculaires. Vie méd., 1933, 14: 751-7.—**Hutet, G.** L'action chologogue de la cure de Châtel-Guyon. Lyon méd., 1934, 154: 316-8.—**Issemin, L., & Blanc, J. J.** De l'emploi de l'huile d'olive par voie duodénale dans les affections vésiculaires. Rev. méd. chir. mal. foie, 1936, 12: 219-28.—**Kellogg, J. H.** Diet for gallbladder disease; gallstones. Good Health, 1938, 73: 363.—**Litczky, A., & Bodrogi, G.** Der Wirkungsmechanismus des Hunyadi János Bitterwassers und der Quellsalzlösungen auf die Gallenblase und Leber sowie die Wirkung der Trinkkuren bei Leber- und Gallenkrankheiten. Wien. med. Wschr., 1938, 88: 726-9.—**Pewsner, J.** L'alimentation thérapeutique dans les affections des voies biliaires. Arch. mal. app. digest., Par., 1937, 27: 397-412.—**Strauss, H.** [What amount of fat and egg yolk can be given to a patient with affected gall-bladder] Warsz. czas. lek., 1933, 10: 193.—**Twiss, J. R., & Greene, C. H.** Dietary and medical management of diseases of the gallbladder; newer points of view. J. Am. M. Ass., 1933, 101: 1841-7. Also repr. Also Nebraska M. J., 1934, 19: 189.—**Walter, H.** La thérapeutique hydro-minérale dans les affections vésiculaires. Presse therm. clim., 1933, 74: 109-13.—**Wohlrabe, A.** Diet in the treatment of gallbladder disease. Minnesota M., 1934, 17: 578-80.

— Disease: Treatment: Drugs.

Baltaceano, G., & Vasiliu, C. A propos de la vésicule biliaire et des sels de mercure. C. rend. Soc. biol., 1936, 121: 1651-4.—**Brown, C. F. G., & Dolkart, R. E.** Kcto-cholanic acids in the medical management of low grade gallbladder disease. J. Am. M. Ass., 1937, 108: 458-61.—**Finkelstein, R., & Lipschutz, E. W.** Final report on the therapeutic effect of oleic acid and bile salts in gall-bladder disease. Clin. M. & S., 1933, 40: 78-80.—**Knott, F. A.** Salicylates in gall-bladder disease. Guy's Hosp. Rep., Lond., 1926, 76: 181-4.—**Levisohn.** Erfahrungen mit dem Organpräparat Cholasal bei Cholezystopathien und Erkrankung des Leberparenchyms. Fortsch. Ther., 1928, 4:

664.—**Markees, S.** Experimentelle und klinische Erfahrungen mit einem neuen Gallenmittel. Deut. med. Wschr., 1938, 64: 778-81.—**Reicher, K.** Erfahrungen mit Gallophysin bei 128 Fällen von Cholezystopathie. Verh. Deut. Ges. inn. Med., 1927, 39. Kongr., 377-9.—**Rodov, I.** [Combined treatment of gall bladder disease] Vrach. delo, 1928, 11: 855-8.—**Ugurel, O.** [Bile salts in treatment of affections of the gall-bladder] Askeri silhiye mecmuasi, 1939, 68: No. 27, 69-72.—**Vladimirov, V. J., & Saffrazbekian, R. N.** [Extract fl. Boldo in treatment of affections of the biliary tract] Sovet. vrach. J., 1936, 1: 1263.

— Disease: Treatment, surgical.

See subheading Surgery: Indications.

— Displacement [including situs inversus]

CARLOTTI, J. P. *Etude radiologique et clinique des vésicules en situation basse. 131p. 8° Par., 1935.

Aimard, J. Sur une prétendue vésicule biliaire fixée en position anormale. J. radiol. électr., 1939, 23: 69.—**Barlos, K.** Abnorme Lagerung der Gallenblase bei Zweilappung der Leber. Arch. klin. Chir., 1931, 164: 280-5.—**Charbonnier & Schauenberg.** Un cas exceptionnel d'inclusion de la vésicule biliaire dans le foie, avec diverticule intrahépatique perforé. Mém. Acad. chir., Par., 1937, 63: 1374-80. Also Rev. méd. Suisse rom., 1938, 58: 284-300.—**Drechsel, J.** Anomalie des Recessus umbilicalis mit Linkslage der Gallenblase. Zschr. ges. Anat., 1. Abt., 1929-30, 91: 638-43.—**Faroy, Deron & Carloti.** Les vésicules biliaires en situation basse. Presse méd., 1935, 43: 1665-9.—**Hesse, F.** Darstellung der Gallenblase bei Situs inversus viscerum totalis. Röntgenpraxis, 1937, 9: 200.—**Imbert, P., & Demouy, E.** Un cas de vésicule à gauche du rachis. Arch. mal. app. digest., Par., 1937, 27: 435-7.—**Lamas, A.** Retroposición de la vesícula biliar. An. Fac. med., Montev., 1925, 10: 852-7.—**McNamee, E. P.** Intrahepatic gallbladder. Am. J. Roentg., 1935, 33: 603-10.—**Schumacher, O.** Ueber eine Dystopie der Gallenblase bei abnormer Aufteilung der V. portae. Anat. Anz., 1930, 69: 453-9.—**Speed, K.** Two cases of intrahepatic gallbladder. Surg. Clin. N. America, 1934, 14: 851-8.—**Surmont, J.** Vésicule à gauche et cloisonnée. J. radiol. électr., 1939, 23: 409-12.

— Diverticulum.

Bärsony, T. Das Röntgenbild eines Gallenblasendivertikels. Münch. med. Wschr., 1927, 74: 546.—**Friedrich, L.** Divertikel der Gallenblase (durch Cholezystektomie verifiziert) Klin. Wschr., 1928, 7: 216. Also Orv. hetil., 1928, 72: 595.—**Beluffi, E. L.** Contributo alla conoscenza delle malformazioni congenite della cistifellea; considerazioni su di un caso di diverticolo intraparietale congenito. Arch. ital. mal. app. diger., 1939, 8: 3-24.—**Catel, W.** Stauungsgallenblase und Gallenblasendivertikel. Mschr. Kinderh., 1938, 73: 29-33.—**Csillag, M.** [Diverticulum of the gallbladder] Orv. hetil., 1930, 74: 85-9.—**Hartmann, H.** Beitrag zur Klinik und Pathologie der Gallenblasendivertikel. Fortsch. Röntgenstrahl., 1935, 52: 30-6.—**Korchow, W.** Ein Fall von Formatio diverticuli artificialis duodeni aus dem Gallenblasenboden. Zbl. Chir., 1928, 55: 2955-7.—**Ledoux-Lebard & Albert Dijan.** Un cas de diverticule apical de la vésicule biliaire. Bull. Soc. radiol. méd. France, 1937, 25: 519-22.—**Nagel, W.** Formveränderungen der Gallenblase durch Divertikelbildung. Röntgenpraxis, 1933, 5: 653-9.—**Pagliani, F.** Contributo allo studio delle malformazioni diverticolari della colecisti. Ann. ital. chir., 1939, 18: 527-42.—**Paillard, H., & Paillard, M. H.** Les diverticules de la vésicule biliaire. Hôpital, 1935, 23: 13-5. Vésicules lobées ou diverticulaires. J. radiol. électr., 1936, 20: 674-6.—**Pertl, A. L.** Diverticulum of the gallbladder. Minnesota M., 1933, 16: 209. Also J. Iowa M. Soc., 1934, 24: 17.—**Rukstinat, G.** Diverticulum of the gallbladder; a report of 3 cases. Arch. Path., Chic., 1936, 22: 336-47.—**Sebening, W., & Schöndube, W.** Grosses Gallenblasendivertikel mit Stenosierung des Magenausganges; Beitrag zu den Wechselbeziehungen zwischen Gallenblase und Magen. Arch. klin. Chir., 1925, 137: 308-14.—**Vastine, J. H.** Diverticulum of the gallbladder. Am. J. Roentg., 1934, 31: 603-6.

— double.

Boyden, E. A. The accessory gall-bladder; an embryological and comparative study of aberrant biliary vesicles occurring in man and the domestic mammals. Am. J. Anat., 1926-27, 38: 177-222, 4 pl.—**Braun, A.** Doppelbildung der Gallenblase. Zbl. Chir., 1926, 53: 1055.—**Braunschweig, W.** Ueber cholezystographisch nachgewiesene Doppelbildung der Gallenblase beim Menschen. Röntgenpraxis, 1933, 5: 594-6.—**Cave, P.** Two cases of double gall-bladder. Lancet, Lond., 1931, 1: 751.—**Corachán, M., Figueras, F., & Faixat, I.** Un caso de vejiga biliar doble diagnosticado radiologicamente. Rev. cir. Barcelona, 1932, 4: 241-8.—**Essau, P.** Doppelbildung der Gallenblase durch entzündliche Vorgänge. Zbl. Chir., 1926, 53: 2971-3.—**Garofalo, F.** Un caso di cistifellea doppia (vesica fellea duplex) Bull. sc. med., Bologna, 1927, 5: 380-5.—**Herrmann, S. F., Hicks, G. S., & Martin, D. L.** Double gallbladder; report of a case. Arch. Surg., 1933, 27: 905-9. Also repr.—**Meyer, A. W.** Doppelte Gallenblase. Deut. Zschr. Chir., 1928, 211: 404.—**Minin, N. I.** [Double gallbladder]

Vest. khir., 1931, 24: 261-5.—Nichols, B. H. Double gall-bladder; report of a case. Radiology, 1926, 6: 255.—Oviedo Bustos, J., & Espósito, M. Vesícula y conducto cístico dobles; colecistitis y coledocistitis litiasica concomitante. Arch. argent. enferm. ap. digest., 1938-39, 14: 314-23.—Priesel, A. Verdoppelung der Gallenblase beim Menschen. Virchows Arch., 1927, 265: 76-83.—Schaferna, K. Ein Fund von zwei getrennten Gallenblasen beim Karpfen. Anat. Anz., 1927, 63: 33-7.—Slaughter, F. G., & Trout, H. H. Duplication of the gall bladder; case report with a review of the literature. Am. J. Surg., 1933, 19: 124. Also repr.—Stal, P. L., & Ruizeveld, S. J. Ein Fall von doppelter Gallenblase bei Lepus cuniculus. Anat. Anz., 1930, 69: 210-3.—Stohr, R. Zur Pathologie der doppelten Gallenblase. Zbl. Chir., 1934, 61: 2202.—Strukow, A. J. Zwei Gallenblasen beim Menschen. Zbl. allg. Path., 1930-31, 50: 420-2.—Wakeley, C. P. G. A double gall-bladder removed by operation. Brit. J. Surg., 1927-28, 15: 334-6.—Wilson, C. L. Double gallbladder with 2 cystic ducts and 2 cystic arteries. Ann. Surg., 1939, 110: 60-6.—Wolfson, W. L. Supernumerary gall bladder. Am. J. Surg., 1929, n. ser., 6: 88-90.

— Drainage.

See also **Bile-duct, common, Drainage; Bile-ducts, Drainage; Biliary calculus, Treatment; Drainage; Duodenal tube.**

Bockus, H. L., & Gershon-Cohen, J. Simultaneous non-surgical drainage of the gallbladder and intravenous cholecystography. Arch. Int. M., 1928, 42: 735-42.—Boyden, E. A., & Saunders, A. M. Duodenal drainage of the human gall-bladder. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 458-62.—Cameron, M. F. V. Continuous biliary drainage. Brit. M. J., 1937, 2: 17.—Fleming, B. L. An investigation of the functions and symptoms of the surgically drained gall-bladder. Ann. Surg., 1931, 93: 730-5.—Forsbeck, F. C. An improved technique for biliary drainage. J. Lab. Clin. M., 1937-38, 23: 310-2.—Joekes, T. Non-surgical drainage of the gall-bladder. Postgrad. M. J., Lond., 1938, 14: 204-10, 2 pl.—Moots, C. W. Drainage of the gallbladder. J. Am. M. Ass., 1925, 85: 1487.—Smith, A. L. Non-surgical gallbladder drainage. Nebraska M. J., 1929, 14: 417-26.—Steel, W. A. Internal drainage of the gall-bladder as a routine operative procedure; report of 100 cases. Surg. Gyn. Obst., 1927, 44: 393-5. Also Pennsylvania M. J., 1930-31, 34: 7-9.—Trommer, K. Klinischer Beitrag zur Gallenblasenreflexfrage und praktische Folgerungen für die Duodenalsondierung. Klin. Wschr., 1927, 6: 678-82.

— Dyskinesia, and stasis.

See also subheadings **Emptying; Motor activity; also Bile-ducts, Stasis; Biliary calculus, Pathogenesis: Stasis.**

BAMBERG, A. *Ueber die sogenannte Stauungsgallenblase. 32p. 8°. Bonn, 1936.

Babarczy, M. [Role of cholesterol in dietetics of spastic gall-bladder diseases] Orv. hetil., 1937, 81: 196-9.—Birch, C. L., & Boyden, E. A. Tonus changes in the gall-bladder induced by faradic stimulation. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 314.—Brown, C. F. G., & Dolkart, R. E. The treatment of biliary tract stasis. Med. Clin. N. America, 1939, 23: 63-74.—Bufano, M. Contributo alla conoscenza delle sindromi determinate da ipertonie e da ipercinesia neurogena della cistifellea. Riforma med., 1931, 47: 1068-71.—Butler d'Ormond, R. de. L'atonie vésiculaire. Clinique, Par., 1925, 20: 418-20.—Carcari, L. Prova di Meltzer-Lyon e discinesie colecistiche. Clin. chir., Milano, 1933, n. ser., 9: 264-87.—Carter, R. F. A discussion of the differential diagnosis of cholecystitis and dyskinesia of the gall-bladder. Med. Rec., Houston, 1940, 34: 421-5. — & Hotz, R. Reflex biliary dyskinesia relieved by appendectomy; report of 3 cases. J. Am. M. Ass., 1939, 113: 399-402.—Ceccarelli, G. La colecistostasi. Diagnosi, 1927, 7: 147-227, 4 pl. — Sindromi dolorose da colecistostasi. Ibid., 1935, 15: 295-313.—Chiray, M., & Lomon, A. Dystonies et dyskinésies vésiculaires (vésicules atoniques, vésicules hyperkinétiques) Arch. mal. app. digest., Par., 1930, 20: 5-25. — La cholécystatonie (atonie ou hypotonie de la vésicule biliaire) J. méd. chir., Par., 1930, 101: 153-67.—Chiray, M., & Pavel, I. L'insuffisance cholécystique. Arch. mal. app. digest., Par., 1925, 15: 921-34. — & Milochевич, M. La cholécystatonie; états hypotoniques et atoniques de la vésicule biliaire. Presse méd., 1925, 33: 1217-20.—Chiray, M., Pavel, I. [et al.] Le problème de la cholécystatonie. Ibid., 1936, 44: 1001-4.—Durante, L. Controlli operatori ed anatomicopatologici ad alcune discinesie ipercinetiche della cistifellea. Arch. ital. chir., 1936, 44: 77-83.—Dysfunctions of gall-bladder (biliary dyskinesia) Brit. M. J., 1936, 1: 542.—Erdheim, S. Ueber die Stauungsgallenblase und ihre Behandlung. Wien. klin. Wschr., 1930, 43: 592-6.—Faroy, G. L'atonie vésiculaire. Rev. crit. path., Par., 1930, 2: 297-306.—Foà, A. Colecistocinesi normale e patologica. Q. radiol., Belluno, 1937, n. ser., 1: 60-5.—Friedrich, H., & Pflaumer, E. Hypertonische Gallenblasen. Fortsch. Röntgenstrahl., 1928, 37: 671-3.—Gerdes, M. M., & Boyden, E. A. Retardation of the gall-bladder in pregnancy. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 393.—Greene, C. H., Twiss, J. R., & Carter, R. F. Biliary stasis. Tr. Am. Gastroenter. Ass., 1936, 39. meet., 6-8. Also Am. J. Digest. Dis.,

1936-37, 3: 622-4.—Guénaux, G. Un cas accentué de vésicule biliaire atonique. Bull. Soc. radiol. méd. France, 1936, 24: 49-51.—Györgyi, G. [Delayed evacuation of gall-bladder; its diagnostic importance] Orv. hetil., 1935, 79: 729.—Henson, C. W. Surgical differentiation of cholecystic and enteric spasm. Am. J. Surg., 1937, 37: 503-5.—Hoffmann, V. Stauungsgallenblase und Schwangerschaft. Klin. Wschr., 1925, 4: 2008-10.—L., C. La atonia vesicular biliar. Dia. méd., B. Air., 1938, 10: 512.—Lambret, O. Traitement chirurgical de la stase vésiculaire. Echo méd. nord, 1933, 37: 361-7. Also Presse méd., 1933, 41: 1097-100.—Lauro, A. A proposito di un caso di discinesia biliare. Policlinico, 1939, 46: sez. chir., 573-84.—Lipschutz, E. W. Biliary dyskinesia; consideration of its roentgenologic and clinical diagnostic criteria. Rev. Gastroenter., 1938, 5: 100-9.—Losio, L. Stasi colecistica a vie pervie. Policlinico, 1938, 45: sez. prat., 1090-4.—Mentzer, S. H. Pseudobiliary dyskinesia. California West. M., 1937, 47: 296-300.—Navarro. Traitement de la stase vésiculaire. Bull. Soc. nat. chir., Par., 1927, 53: 996-8.—Nemours-Auguste. A propos des vésicules dites atoniques. Bull. Soc. radiol. méd. France, 1936, 24: 416-9.—Nuboer, J. F. [Hypertrophy of the muscular coat of the gall-bladder] Ned. tscr. geneesk., 1929, 73: 267-70.—Petrivalsky, J. [Gall-bladder stasis] Bratisl. lek. listy, 1935, 15: 420-7.—Rossi, A. L'atonie della cistifellea nel quadro radiologico. Atti Congr. ital. radiol. med., 1928, 7. Congr., 543-7.—Santy, P., & Mallet-Guy, P. Cholécystostomie et vésicules de stase: l'excrétion alternante de bile et de mucus. Lyon chir., 1930, 27: 750-68.—Scaglia, G. Sulla colecistostasi. Riforma med., 1929, 45: 899-905.—Schmieden, V., & Rohde, C. Die Stauungsgallenblase mit besonderer Berücksichtigung der Aetiology der Gallenstauungen. Arch. klin. Chir., 1921, 118: 14-53.—Schrader, R. Ueber die steinlose Stauungsgallenblase vom chirurgischen Standpunkt aus. Beitr. klin. Chir., 1934, 160: 337-58.—Sharer, R. F. Dyssynergia of the biliary tract. Bull. Guthrie Clin., 1937-38, 7: 69-73.—Vignes, H. La vésicule biliaire pendant la gestation. Progr. méd., Par., 1929, 44: 1730-4.—Vilella Pedras, J., & Rosado, J. Contribuição ao estudo da estase da vesícula biliar; valor diagnóstico e terapêutico das provas de Meltzer-Lyon e de Graham e Colle. Hospital, Rio, 1939, 16: 907-30.—Yazigi, R., & Garcia, V. Ectasia biliar funcional. Rev. san. nav., Valparaíso, 1938, 7: 259-77.—Zanetti, G. Le discinesie biliari; quesiti patogenetici. Clin. med. ital., 1938, 69: 181-93.—Zlotver, E. Z. [Cholecystopathic hypertonica] Vest. khir., 1926, 7: No. 19, 122-31.

— Echinoкокcosis.

Bedarida, N. V. Cisti di echinoкокco unica e primitiva della cistifellea. Arch. ital. chir., 1934, 37: 432-40.—Borzone, A. Sobre un caso de equinoкокcosis primitiva de vesícula biliar. Sem. méd., B. Air., 1934, 41: 281-5.—Kriazhimsky, E. V. [Hydatid cholecystitis] Vest. khir., 1932, 27: 193-5.—Malushev, D. Solitärer Echinoкокkus in der Gallenblase. Wien. klin. Wschr., 1934, 47: 459.—Moisseiev, N. [Case of echinoкокcos of the gall-bladder, simulating cholelithiasis] Vrach. raz., 1927, 31: 1453-5.—Rossi, C. Echinoкокcosi primitiva della cistifellea. Policlinico, 1935, 42: sez. chir., 410-23.—Rudnitsky, J. F. [Echinoкокcos in gall-bladder] Vest. khir., 1928, 13: 346.—Shurinok, A. [Echinoкокcos of the gall-bladder] Ukrain. med. vst., 1929, 5: 199-205.

— Emptying.

See also **Bile, Secretion; Bile-duct, common, Sphincter; Cholecystokinin; Gallbladder, Pharmacy.**

DANY, R. L. H. *Du vidage de la vésicule biliaire et de quelques interdépendances bilioduodénales. 178p. 8°. Par., 1934.

Bársony, T., & Koppenstein, E. Wird die Gallenblase durch die Bauchpresse entleert? Münch. med. Wschr., 1926, 73: 1478.—Bernabeo, E. Sulla svuotamento della colecisti. Bull. sc. med., Bologna, 1933, 105: 543-66.—Boyden, E. A. The effect of natural foods on the distension of the gall-bladder, with a note on the change in pattern of the mucosa as it passes from distension to collapse. Anat. Rec., 1925, 30: 333-56, pl.

A study of the behavior of the human gall-bladder in response to the ingestion of food; together with some observations on the mechanism of the expulsion of bile in experimental animals. Ibid., 1926, 33: 201-39, 8 pl. — Emptying of the gall-bladder in monkeys. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 1104. — & Birch, C. L. Conditions affecting the emptying-time of the human gall-bladder. Ibid., 1926-27, 24: 827-31. — Emptying of gall-bladder in children. Ibid., 1928-29, 26: 312.—Boyden, E. A., & Grantham, S. A., jr. Evacuation of the gall bladder in old age. Surg. Gyn. Obst., 1936, 62: 34-42.—Bronner, H. Studien zur Entleerung der Gallenblase (cholecystographische Normaluntersuchungen) Beitr. klin. Chir., 1928, 142: 48-72.—Buisson, P. Sul problema dell'evacuazione vesicolare. Radiol. med., Milano, 1934, 21: 392-404.—Casati, A. Osservazioni sullo svuotamento della cistifellea. Ibid., 1938, 25: 628-40.—Copher, G. H., & Illingworth, C. F. W. Further studies on the emptying of the gallbladder. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 172. — Mechanism of emptying of the gall-bladder and common duct. Surg. Gyn. Obst., 1928, 46: 459-63.—Copher, G. H., Kodama, S., & Graham,

- E. A. The filling and emptying of the gall-bladder. *J. Exp. Med.*, 1926, 44: 65-73, pl.—**Crandall, L. A., jr.** Mechanisms of the contraction and evacuation of the gallbladder. *Arch. Int. Med.*, 1931, 48: 1217-24. Also repr.—**Friedrich, L.** [Emptying of the gallbladder: experiments made with duodenal tube] *Orv. hetil.*, 1931, 75: 1012-6.—**Galindo, L., Maciel Crespo, F. A., & Vanni, E. O.** Comidas ficticias y evacuación de la vesícula biliar. *Rev. méd. lat. amer., B. Air.*, 1933-34, 19: 1319-24. Also *Crón. méd. mex.*, 1935, 34: 171-4. Also *Ann. Fac. cienc. méd. La Plata*, 1937, 1: 55-61.—**Graham, E. A.** Mechanism of emptying of the gall-bladder. *Surg. Gyn. Obst.*, 1927, 44: 156-61.—**Grailly, R. de, & Daron, P.** Du mode d'évacuation de la vésicule biliaire après ingestion de quelques huiles. *C. rend. Soc. biol.*, 1932, 109: 379-82.—**Grailly, R. de, Guglielmi [et al.]** Du mode d'évacuation de la vésicule biliaire après ingestion d'une solution magnésienne à 20 p.100 ou d'un corps gras; comparaison des courbes. *Ibid.*, 1930, 103: 403-5.—**Grailly, R. de, Lachapelle, A. P., & Wangermez, C.** Du mode d'évacuation de la vésicule biliaire après ingestion de corps gras. *Ibid.*, 1928, 98: 585-8.—**Haberland, H. F.** Der Entleerungsmechanismus der Gallenblase. *Münch. med. Wschr.*, 1926, 73: 1969.—**Die Bedeutung des Entleerungsmechanismus der Gallenblase für die Praxis.** *Zschr. ges. exp. Med.*, 1939, 105: 303-13.—**Hamrick, R. A.** The emptying of the gall-bladder: an experimental study. *Am. J. M. Sc.*, 1927, 174: 168-81, 2 pl.—**Higgins, G. M., & Mann, F. C.** Observations on the emptying of the gall-bladder. *Am. J. Physiol.*, 1926, 78: 339-48. Consideration of the gallbladder with reference to the process of emptying. *Surg. Clin. N. America*, 1926, 6: 1241-55. Effect of pregnancy upon the emptying of the gall-bladder. *Proc. Soc. Exp. Biol. N. Y.*, 1927, 24: 930. Also *Arch. Surg.*, 1927, 15: 552-9. Further studies on the emptying of the gallbladder. *Surg. Clin. N. America*, 1927, 7: 1541-54.—**Higgins, G. M., & Wilhelm, C. M.** The effect of intravenous injections of various emulsions of fat on the emptying of the gall-bladder. *Am. J. M. Sc.*, 1929, 178: 805-13.—**Impallomeni, R.** Il fattore pancreatico nella colelitiasi. *Policlinico*, 1939, 46: sez. prat., 425-33.—**Ischiyama, F.** Experimentelle Untersuchungen über die Funktion der Gallenblase bei der Gallenausscheidung in das Duodenum, insbesondere über ein Hormon in der Gallenblasenwand und über den Wirkungswechsel von Adrenalin auf die Gallenblase. *Mitt. Med. Fak. Univ. Kyushu*, 1925, 10: 61-115, 16 pl.—**Ivy, A. C.** Factors concerned in the evacuation of the gall-bladder. *Harvey Lect.*, 1931-32, 27: 123-53, 2 pl.—**Kodama, S.** A model to simulate the mechanism of emptying of the gall-bladder. *Am. J. Physiol.*, 1926, 77: 385-8.—**Krause, W. F., & Whitaker, L. R.** Effects of different food substances upon emptying of the gall-bladder. *Ibid.*, 1928, 87: 172-9.—**Leaf, E.** Physiology of the gall-bladder: cholecystography shows no psychic emptying. *Radiology*, 1934, 23: 35.—**Likas, A.** Ricerche sperimentali sulla pressione comparata del coledoco e della cistifellea durante il vuotamento della cistifellea con puntura e il suo naturale riempimento. *Ann. ital. chir.*, 1936, 15: 231-72.—**Madriaveitia, J. M.** Contribución al estudio del vaciamiento fisiológico de la vesícula biliar. *Arch. med. Madr.*, 1928, 29: 324-6. Also *Rev. méd. Barcelona*, 1928, 9: 474-7.—**Marrazzi, A. S.** On the emptying of the gall-bladder. *Am. J. Physiol.*, 1932, 102: 293-304.—**Meyers, S. G.** Emptying of the gall-bladder, with special reference to the use of pituitrin. *Am. J. M. Sc.*, 1928, 175: 405-10.—**Morgan, J. E., Crandall, L. A., jr., & Ivy, A. C.** Gall-bladder evacuation by egg yolk in stomach. *Proc. Soc. Exp. Biol. N. Y.*, 1931, 29: 227.—**Nemours-Auguste.** Importance de l'étude de l'évacuation de la vésicule biliaire. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 2: 480-4. *Etude de la voie d'évacuation de la vésicule biliaire.* *Presse méd.*, 1932, 40: 983-90. *Etude de l'évacuation réflexe de la vésicule biliaire.* *Arch. mal. app. digest.*, *Par.*, 1933, 23: 541-6. Also *Presse méd.*, 1933, 41: 1106-9.—**Newcomer, N. B., & Newcomer, E.** Further discussion of the relations of the antrum and cap to the gall-bladder as factors in emptying of the gall-bladder. *Radiology*, 1935, 25: 547-65.—**Conyers, C. A.** The relations of the antrum and cap to the gall-bladder: gastric and duodenal peristalsis as factors in emptying of the gall-bladder. *Ibid.*, 1931, 17: 317-39.—**Pope, C. E.** The effect of gastrointestinal operations on the emptying of the gall-bladder. *Am. J. M. Sc.*, 1929, 178: 48-54.—**Potapov, W.** Einige experimentelle Befunde zur Frage über die Entleerbarkeit der Gallenblase. *Zbl. Chir.*, 1929, 56: 1939-47.—**Ramond, F., & Dimitresco-Popovici, J.** Le facteur duodénal dans le vidage de la vésicule biliaire. *C. rend. Soc. biol.*, 1932, 109: 349-51. Le vidage de la vésicule biliaire: l'importance du facteur duodénal. *Progr. méd.*, *Par.*, 1932, 593-98.—**Royer, M., & Verardo, E. C.** El papel del duodeno en la evacuación vesicular. *Rev. Soc. argent. biol.*, 1935, 11: 539-42. Also *Sem. méd.*, *B. Air.*, 1936, 43: 334-6. Le rôle du duodénum dans l'évacuation vésiculaire. *C. rend. Soc. biol.*, 1936, 121: 360.—**Schöndube, W.** Röntgenologische Beiträge zum Entleerungsmechanismus der Gallenblase. *Fortsch. Röntgenstrahl.*, 1927, 26: Kongr. [Beih.] 85: 603.—**Schreiber, H.** Zum Bau und Entleerungsmechanismus der Gallenblase. *Anat. Anz.*, 1938-39, 87: 257-75.—**Scott, W. J. M., & Whitaker, L. R.** Expulsion of its contents as a function of the gall-bladder. *Proc. Soc. Exp. Biol. N. Y.*, 1927-28, 25: 420-2. Also *J. Am. M. Ass.*, 1928, 91: 9-11.—**Shapiro, P. F., & Kasabach, H. H.** Duodenal ileus; effect of chronic duodenal obstruction on evacuation of the gallbladder. *Arch. Surg.*, 1933, 26: 1084-97.—**Silverman, D. N., & Denis, W.** On the relationship of gall-bladder emptying to ingested fats. *Radiology*, 1928, 11: 45-7.—**Weinberger, H. L.** On the relation of gall-bladder emptying to the ingestion of fats. *Tr. Am. Gastroenter. Ass.* (1928) 1929, 31: 197-202. Also *Am. J. M. Sc.*, 1929, 177: 384, pl.—**Sussman, M. L.** Emptying of the normal gallbladder. *Am. J. Roentg.*, 1937, 38: 867-71.—**Voegtlin, W. L., Greengard, H., & Ivy, A. C.** A further proof that the gall-bladder evacuates via the cystic duct. *Am. J. Digest. Dis.*, 1934-35, 1: 371.—**Whitaker, L. R., & Emerson, W. C.** Emptying of the gall-bladder in pregnancy. *Am. J. Physiol.*, 1928, 84: 516-9.
- **Empyema.**
- See also subheadings Gangrene; Hydrops; Inflammation; Perforation.
- BECKERS, H.** *Ueber das Gallenblasenempyem und seine Behandlung. 40p. 8°. Bonn, 1928.
- BRETÉCHÉ, J.** *Contribution à l'étude du traitement chirurgical des cholécystites aiguës suppurées. 60p. 8°. Par., 1926.
- WILLIMANN, A.** *Ueber metastatische abszedierende Cholécystitis [Zürich] 30p. 8°. Affoltern a. Albis, 1937.
- Behrend, M.** Acute cholecystitis: acute empyema of the gallbladder: when to operate. *Med. Times, N. Y.*, 1936, 64: 213-6.—**Beritens.** Colecistitis supurada. *Med. ibera*, 1935, 29: pt 1, 502.—**Birchett, J. A. K., jr.** Empyema of the gallbladder. *N. Orleans M. & S. J.*, 1935-36, 88: 385.—**Blackenburg, K.** Beitrag zur konservativen Behandlung des Gallenblasenempyems mit Hexastronturan. *Fortsch. Ther.*, 1937, 13: 463-5.—**Chutro, P.** De colecistectomia pro empiema: dificultades y enseñanzas de una operación inoportuna. In his *Lecc. clin. quir.*, *B. Air.*, 1938, 3: 37-53.—**Doran, W. T.** Spontaneous external rupture of empyema of the gall-bladder. *Ann. Surg.*, 1933, 98: 377.—**Einhorn, M.** Foudroyantes Empyem der Gallenblase. *Arch. Verdauungskr.*, 1933, 54: 312-9.—**Harris, R. H.** Empyema of the gall-bladder and cholecystectomy. *Tr. West. Surg. Ass.* (1929) 1930, 39: 287-300.—**Hawk, G. W., & Woodhouse, K. W.** Acute suppurative cholangitis. *Bull. Guthrie Clin.*, 1937-38, 7: 135-7.—**Henschen, C.** Venopathia saltans (sogenannte Thrombophlebitis migrans) als Folgekrankheit eines chronischen Gallenblasenempyems. *Schweiz. med. Wschr.*, 1936, 66: 38-42.—**Hitzenberger, K.** Empyem der Gallenblase unter dem Bilde eines Tumors der rechten Niere. *Wien. med. Wschr.*, 1927, 77: 1759.—**Huguley, G. P.** Empyema of gall-bladder, bronchopneumonia, empyema of the right pleura, pulmonary abscess, in a child aged 9; recovery. *South. M. J.*, 1927, 20: 722.—**Le Gac, R., & Mauvoisin, F.** Sténose sous-pylorique aiguë par cholécystite purulente; cholécystostomie; gastro-entérostomie antérieure précoce; guérison. *Rev. méd. fr.*, 1933, 14: 571-3.—**Martin, E. D.** Complete cholecystostomy vs cholecystectomy in cases of empyema of the gall-bladder. *South. M. J.*, 1926, 19: 198-201.—**Muir, J. B. G.** Acute pancreatitis complicating an empyema of the gall-bladder. *Chin. M. J.*, 1932, 46: 370-6. Chronic empyemata of the gall-bladder and appendix. *Ibid.*, 1934, 48: 144-7, 2 pl.—**Power, R. W., & Johnston, H. W.** A case of ruptured empyema of the gall-bladder associated with Ascaris lumbricoides. *Brit. M. J.*, 1930, 1: 1086-8.—**Schenk.** Seltener Fall von intraabdominaler Abszessbildung nach geplatztem Gallenblasenempyem. *Deut. med. Wschr.*, 1923, 49: 385.—**Schewket, F.** Cholecystostomia transhepatica bei einem Fall von eitriger Cholécystitis (Gallenblasenempyem) *Zbl. Chir.*, 1930, 57: 2430.—**Terplan, K., & Sanes, S.** Acute pyemic cholecystitis; report of a case. *Arch. Path., Chic.*, 1932, 14: 146.—**Vallejo Fernandes, V.** A proposito de um caso de empyema da vesícula biliar. *Fol. med.*, Rio, 1938, 19: 55.
- **Endocrine relations.**
- See also Cholecystokinin; Liver; Ovary; Pancreas.
- SCHARN, W. E.** *Der Einfluss verschiedener Hormone auf die Gallenblasenentleerung. 20p. 21cm. Bresl., 1937.
- Borak, J.** Einfluss von Ovarialhormonen auf Gallenblasenkrankungen. *Mitt. Ges. inn. Med. Wien*, 1932, 31: 126-30.—**Donati, G. S.** Su di un rapporto fra castrazione e modificazioni della colelitiasi. *Boll. Soc. med. chir. Pavia*, 1935, 49: 997-1013.—**Fischer, F.** Hypophysenvorderlappen und Gallenblase. *Klin. Wschr.*, 1932, 11: 1266.—**Lino, G.** Organi genitali e colelitiasi. *Ann. ital. chir.*, 1933, 12: 1229-40.—**Loeper, M., & Binet, E. M.** La sympathie cholécysto-ovarienne. *Progr. méd.*, *Par.*, 1930, 45: 49-54.—**Nissen, K.** Experimentelle und klinische Untersuchungen über die Wirkung von isolierten Hypophysenhinterlappenhormonfraktionen auf die Motilität der Gallenblase. *Zschr. klin. Med.*, 1931-32, 119: 722-6.—**Pribram, B. O.** Ueber ein Verdauungshormon der Gallenblasenwand mit lipolytischer Aktivatorwirkung (Cholezysson) *Münch. med. Wschr.*, 1935, 82: 1823-8.—**Riedl, L.** [New hormone of the wall of the gall-bladder with lipolytic properties] *Cas. lek. česk.*, 1937, 76: 409.

— Examination.

See also subheadings Disease: Diagnosis; Inflammation: Diagnosis; Radiology; also Duodenal tube.

REBOUL, L. *Exploration bilio-pancréatique et acétylcholine. 126p. 8° Par., 1933.

Acosta Silva, M. La prueba de la excreción vesicular provocada. *Gac. méd. Caracas*, 1935, 42: 81-4.—Bayer, R. Ueber das Elektro-Cholecystogramm bei Vagus-Reizung. *Arch. ges. Physiol.*, 1933, 233: 345-56. Ueber das Elektro-Cholecystogramm bei Nahrungsreizen (Boydensche Probe) *Ibid.*, 1936-37, 238: 598-605.—Binet, M. E. La palpation de la vésicule biliaire. *Hôpital*, 1930, 18: 228-30.—Bombi, G. La prova di Meltzer nello studio clinico delle affezioni della cistifellea e l'importanza fisiopatologica delle stasi vescolari. *Osp. maggior. Milano*, 1930, 18: 363-78.—Chiray, M., Lomon, A., & Albot, G. La vésicule biliaire: sa topographie radiologique et clinique; son exploration par le palper abdominal. *Presse méd.*, 1929, 37: 1437-40.—Crossfield, H. C., & Reitter, G. S. The importance of clinical and radiological examinations of the gall-bladder. *J. M. Soc. N. Jersey*, 1937, 34: 487-9.—Diamond, J. S., Siegel, S. A., & Myerson, S. The biliary pigment curve during the secretin test; its diagnostic significance in the non-functioning gall-bladder. *Am. J. Digest. Dis.*, 1940, 7: 133-6.—Doran, W. T., Forster, J. W., & Spier, L. C. B. The value of diagnostic non-surgical biliary drainage as compared with cholecystography; an analysis of biliary drainage findings in 64 operated cases compared with findings by cholecystography in 60 of these cases. *Ibid.*, 1937-38, 4: 821-3.—Feldman, M., & Morrison, S. Newer interpretations of gall bladder function and their diagnostic and therapeutic application. *Tr. Am. Gastroenter. Ass.*, 1935, 38. meet., 121-5. Also *Am. J. Digest. Dis.*, 1936-37, 3: 52-6.—Gundermann, Untersuchungen am Inhalt extirpiert Gallenblasen. *Münch. med. Wschr.*, 1926, 73: 548.—Hollenberg, H. G., & Eikener, W. C. Cholecystoscopy. *Surgery*, 1937, 2: 37.—Jacquelin, C. Un procédé fidèle pour la recherche de la sensibilité vésiculaire: le signe du choc. *Gaz. méd. France*, 1931, 58.—Löhner, L. Ueber das spontane Elektro-Cholecystogramm. *Arch. ges. Physiol.*, 1933, 233: 329-44.—Palmer, D. L. Lecithin-egg yolk emulsion; a substitute for the fat meal in gallbladder study. *Northwest M.*, 1933, 33: 51.—Rossoni, R. La prova della distensibilità della colecisti con il Decholin. *Ann. radiol. Bologna*, 1934-35, 9: 142-59.—Schwartzman, J. Exploración clínica de la vesícula biliar. *Rev. méd. Rosario*, 1937, 11: No. 106, 16-21.—Scott, F. L. Case illustrating the passage of opaque meal to gall-bladder, confirmed at operation. *Austral. N. Zealand J. Surg.*, 1934, 3: 390-2.—Silverman, D. N. The clinical value of an experimental study of the gallbladder. *South. M. J.*, 1934, 27: 46-9.—Stater, W. J. The gallbladder in general, with a consideration of the sodium tetraiodophenolphthalein test in particular. *Northwest M.*, 1926, 25: 183-7.—Surmont, H. Quelques indications pratiques sur l'examen clinique de la vésicule biliaire. *Echo méd. nord*, 1934, 3. ser., 1: 260-71.

— Excision [Cholecystectomy]

See also subheading Surgery: Methods.

Bucalossi, P. Ricerche sperimentali sulla colecistectomia. *Clin. chir.*, Mil., 1933, n. ser. 9: 137-63.—Cordoba, S. Datos para la historia de la cirugía biliar en Venezuela; la primera colecistectomia. *Gac. méd. Caracas*, 1922, 29: 44-51.—Cosio, A. G. Cholecystectomy and its physiopathology. *Mil. Surgeon*, 1933, 72: 104-7.—Galvan, J. Dos observaciones sobre colecistostomía. *Cir. ciruján, Méx.*, 1937, 5: 355-61.—Passalacqua, L. A. La colecistectomia. *Bol. As. méd. Puerto Rico*, 1937, 29: 400-2.—Robnet, A. H. Cholecystectomy and pyelotomy in Guan. *U. S. Nav. M. Bull.*, 1921, 15: 831-4.—Saveri, A. Ricerche sperimentali sulla colecistectomia e sulla colecistostomia. *Clin. chir.*, Milano, 1935, n. ser. 11: 1005-40.—Velasco, S. A. Evolución de las colecistectomías. *Rev. méd. Chile*, 1939, 67: 597.

— Excision: Accidents, and complications.

HUARD, S. *Les plaies du pédicule hépatique dans la cholécystectomie. 116p. 8° Par., 1929.

Aguilar Álvarez, J. Fistula gástrica consecutiva a colecistectomia. *Cir. ciruján, Méx.*, 1938, 6: 242-50.—Barthélemy. Deux séquelles tardives de la cholécystectomie: cholécystite calculeuse à 6 mois de date dans le moignon du cystique; péritonite biliaire par perforation 3 mois après guérison complète. *Bull. Soc. nat. chir.*, Par., 1935, 61: 355-8.—Cave, H. W. Dangers incident to cholecystectomy; an analysis of 575 cases of cholecystectomy and cholecystostomy. *Ann. Surg.*, 1926, 84: 371-8.—Feinblatt, H. M. Hepatic abscess due to reflux of duodenal contents following cholecystectomy. *N. York State J. M.*, 1932, 32: 801.—Guerry, L. G. Shock following removal of gauze drain after cholecystectomy. *Tr. South. Surg. Ass.* (1929) 1930, 42: 129-39.—Hernández Cardenas, O. Accidentes de la colecistectomia. *Tr. Panamer. M. Congr.* (1931) 1933, 3. Congr., 597-605.—Herskovits, E. Irrtümlich abgegebener Choledochus während einer Cholecystektomie. *Röntgenpraxis*, 1938, 10: 459.—Jackson, C., & Babcock, W. W. Achele hepatitis; cessation of biliary function of the liver from chronic obstructive jaundice following cholecystectomy.

Surg. Clin. N. America, 1930, 10: 1273-7.—McLoughlin, F. J. The cause of some unexpected deaths following cholecystectomy. *J. M. Soc. N. Jersey*, 1934, 31: 224.—Mirizzi, P. L. Anomalie de la branche droite de l'artère hépatique au cours d'une cholécystectomie. *Bull. Soc. chir. Paris*, 1934, 26: 297-314.—Niblock, W. McN. Pseudo-pancreatic cyst occurring after cholecystectomy. *Brit. M. J.*, 1936, 2: 14, pl.—Nogueira, R. Bilirragia post-colecistectomia. *Rev. med. cir. Habana*, 1935, 40: 937-40.—Popovici, A. N., & Ghimpezeanu, M. V. Verspatete Ruptur des Gallenblasenganges nach Cholecystektomie. *Zbl. Chir.*, 1936, 63: 2551-4.—Schwartz, A., & Huard, S. Des accidents de la cholécystectomie et des moyens de les éviter. *Bull. Soc. nat. chir.*, Par., 1928, 54: 914-20. Sur les accidents de la cholécystectomie; recherche d'une technique nouvelle permettant de les éviter. *J. chir.*, Par., 1928, 32: 514-26.—Smeaton. Deaths following operations on the gall-bladder or bile-ducts; death after cholecystectomy with distension of the intestines. *Med. Sc. Arch. Adelaide Hosp.*, 1932, No. 12, 31.—Tirezka, C. Cholecystektomie bei Situs inversus totalis. *Zbl. Chir.*, 1934, 61: 1172.—Van der Elst, L., & Langre, M. de. Les petits accidents de la cholécystectomie. *Presse méd.*, 1931, 39: 418-21.—Voneken. Complications de la cholécystectomie. *Arch. méd. belges*, 1927, 80: 248-52. Also *Bull. Soc. nat. chir.*, Par., 1927, 53: 386-9.—Wetti, H. Fistule duodénale consécutive à une cholécystectomie; guérison par aspiration continue au niveau du trajet fistuleux. *Mém. Acad. chir.*, Par., 1939, 65: 470-5.

— Excision: Effects.

ASENJO GÓMEZ, A. *Influencia de la colecistectomía y apendicectomía sobre el funcionamiento gástrico [Chile] 112p. 8° Santiago, 1928.

DAHL-IVERSEN, E. Etude expérimentale de l'influence de la cholécystectomie sur les voies biliaires et la sécrétion gastrique. 92p. 8° Lyon, 1924.

Also *Bibl. laeger*, 1926, 118: 204-17.

Agrifoglio, M. Influenza della colecistectomia sulla funzione e struttura del pancreas e sull'assorbimento alimentare. *Policlinico*, 1928, 35: sez. chir., 397-416.—Amorosi, O. Le modificazioni del coledoco dopo colecistectomia studiate dal punto di vista istologico. *Arch. ital. chir.*, 1930-31, 26: 727-42.—Antonoli, G. M. Sulle modificazioni della flora microbica gastro-duodenale dopo colecistectomia. *Ann. ital. chir.*, 1933, 12: 1159-83, 2 ch.—Balice, G. Influenza della bile sullo stato della flora batterica intestinale negli animali privati della vescichetta biliare. *Policlinico*, 1927, 34: sez. chir., 501-18.

Influenza della estrazione della vescichetta biliare sulla digestione dei grassi e delle sostanze proteiche (ricerche sperimentali) *Morgagni*, 1928, 70: 835-57.—Barbieri, M. Conseguenze della colecistectomia sulla struttura delle vie biliari. *Riv. chir. Nap.*, 1936, 2: 385-90.—Benson, K. W. Dilatation of the bile ducts and its relation to distress after cholecystectomy. *Am. J. Digest. Dis.*, 1940, 7: 1.—Bergh, G. S., Sandblom, P., & Ivy, A. C. Effects of removal of the functioning gall-bladder. *Surg. Gyn. Obst.*, 1936, 62: 811-4.—Bernhard, F., & Eek, T. Experimentelle und klinische Untersuchungen über das Verhalten der Magensaftabsonderung nach funktionellem Ausfall oder operativer Entfernung der Gallenblase. *Beitr. klin. Chir.*, 1938, 168: 1-22.—Canavero, M. L'influenza della colecistectomia sulle vie biliari (ricerche sperimentali) *Policlinico*, 1928, 35: sez. chir., 429-48.—Cantarow, A., Gartman, E., & Riechiuti, G. Hepatic function; the effect of cholecystectomy on hepatic function. *Arch. Surg.*, 1935, 30: 865-74.—Cavazzani, F. Il contegno anatomico delle vie biliari dopo colecistectomia parziale. *Arch. ital. chir.*, 1937, 46: 136-54.—Cox, F. W. Changes in the bile ducts and parietal sacculi following absence of the gall-bladder. *Surg. Gyn. Obst.*, 1932, 55: 168-76.—Halpert, B., Rewbridge, A. G., & Healey, C. Effects of cholecystectomy on the biliary system; a morphologic study in the dog. *Arch. Surg.*, 1933, 26: 589-601. Also repr.—Hartman, H. R., & Rivers, A. B. The effect of cholecystectomy on gastric acidity. *Ann. Int. M.*, 1927-28, 1: 558-62.—Kasahara, S. Zur Frage des Gallenauflusses nach Cholecystektomie. *Verh. Jap. chir. Ges.*, 1929, 30: 36.—Künzler, M. Vikariierende Funktionen bei ausgeschalteter Gallenblase. *Wien. med. Wschr.*, 1934, 84: 517-9. Wie wird bei ausgeschalteter Gallenblase die Kondensationsarbeit der Gallenblase ersetzt? *Klin. Wschr.*, 1939, 18: 1067.—Mairano, M. Studio sperimentale sull'influenza della colecistectomia sulla secrezione gastrica. *Arch. Soc. ital. chir.* (1926) 1927, 33: 488-94. Le modificazioni delle vie biliari dopo la colecistectomia (ricerche sperimentali) *Arch. ital. chir.*, 1928, 20: 468-86.—Pecore, R. Ricerche sperimentali sulla colesterinemia in seguito alla esclusione della cistifellea e alla colecistectomia. *Arch. Soc. ital. chir.*, 1931, 37: 1000-8. Ricerche sul contenuto di colesterina nella bile dei colitici e dei colecistectomizzati. *Ibid.*, 1909.—Popper, H. L. Cholecystektomie und Azidität des Magensaftes. *Wien. klin. Wschr.*, 1927, 40: 1447-9.—Puestow, C. B. Changes in intracholedochal pressure following cholecystectomy. *Surg. Gyn. Obst.*, 1938, 67: 82-6.—Rocha, A. La sécrétion interne et externe du pancréas chez les cholécystectomisés. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 2: 154-7.—Schmidt, C. R., & Ivy, A. C. Effect of cholecystectomy on extra-hepatic ducts in the rabbit and guinea

fig. Proc. Soc. Exp. Biol., N. Y., 1937-38, 36: 89-92.—**Soli, D.** Le conseguenze della colecistectomia sulle vie biliari extra-epatiche; ricerche sperimentali. Arch. ital. med. sper., 1939, 4: 801-18.—**Troitzky, A. A.** [Changes in liver and biliary tract after excision of gallbladder] Omsky med. J., 1929, 4: 21-6.—**Vigyázo, J.** Zur Frage des Gallenflusses nach Cholecystektomie. Arch. klin. Chir., 1927, 144: 18-30.—**Zilveti Caranza, J.** ¿La colecistectomia modifica la secreción gástrica? Rev. cir., B. Air., 1928, 7: 12-5.

Excision: Indications.

Andrews, E. Must we revise our indications for cholecystectomy? Internat. Clin., 1935, 45, ser., 3: 172-9.—**Baker, B. M.** Cholecystectomy versus cholecystectomy. Virginia M. Month., 1925-26, 52: 166-9.—**Bauer, R., & Chinassi Hakki, A.** Trente-neuf cas de cholecystectomie à chaud pour cholécystites aiguës lithiasiques. Rev. chir., Par., 1931, 69: 119-45.—**Benham, F. R.** Indications for cholecystectomy and cholecystectomy. Med. Rev. of Rev., 1932, 38: 13-6.—**Bertone, G.** Sopra un caso di colecistectomia a caldo. Gior. Acad. med., 1925, 4, ser., 31: 132-5.—**Buggenhout, O.** La cholecystectomie d'urgence. Rev. méd., Louvain, 1929, 25-8.—**Cannaday, J. E.** Gall-bladder disease; comparative consideration of cholecystectomy and cholecystostomy. Am. Physician, 1926, 31: 199.—**Cignozzi, O.** La colecistectomia: indicazioni d'intervento e tecnica operatoria. Riforma med., 1928, 44: 587, 2 pl.—**Córdoba, S.** A propósito de un caso de colecistectomia por colelititis crónica calculeosa. Gac. méd. Caracas, 1922, 29: 230.—**DeCourcy, J. L.** Cholecystectomy or cholecystostomy? why the gall-bladder is now being removed more frequently than drained. Internat. J. Surg., 1928, 41: 426-30.—**Desjardins.** Cholecystectomie ou cholecystostomie d'urgence. Bull. Soc. chir. Paris, 1928, 20: 807.—**Elston, L. W.** Cholecystectomy in gall-bladder disease; with an analysis of 104 cases. J. Indian M. Ass., 1925, 18: 286-9.—**Guthrie, D.** Indications for cholecystectomy and cholecystenterostomy. Atlantic M. J., 1925-26, 29: 139.—**Heineck, A. P.** Cholecystectomy and cholecystostomy. West. M. Rev., 1927, 32: 288-93. Also Colorado M., 1932, 29: 166-8.—**Houweninge Grafdijk, C. J. van** [Advantages and disadvantages of cholecystectomy]. Ned. tscr. geneesk., 1936, 80: 2830-7.—**Leriche, R.** A propos de 50 cas de cholecystectomie pour lithiase vésiculaire avec 50 guérisons. Lyon méd., 1921, 130: 894-8.—**Lobingier, A. S., Gilman, P. K.** [et al.] Is removal of the gall-bladder or drainage the operation of choice? why? California West. M., 1925, 23: 1126-8.—**Loveday, G. K., Sanders, A. W., & Lloyd-Wrongsley, W. H.** Cholecystectomy or cholecystostomy? S. Afr. M. J., 1936, 10: 283-7.—**Mallet-Guy, P., & Anthoine, F.** Le problème physiologique de la cholecystectomie; son état actuel d'après les travaux expérimentaux. Lyon chir., 1931, 28: 385-407.—**Muller.** Cholecystectomie et cholécocotomie pour lithiase biliaire avec suture du cholédoque; guérison rapide en 4 semaines. Loire méd., 1931, 45: 305-9.—**O'Donnell, L. D.** The rationale of cholecystectomy in noncalculous gallbladders. Pennsylvania M. J., 1938-39, 42: 1315-9.—**Pauchet, V.** Las colecistectomías difíciles; indicaciones de la colecistectomia parcial. Rev. méd. Barcelona, 1925, 2, ser., 3: 259-62.—**Powell, H. C.** Cholecystectomy vs. cholecystostomy. West Virginia M. J., 1926, 21: 514-8.—**Pressure** in common duct and relief of pain following cholecystectomy. J. Am. M. Ass., 1936, 106: 2242.—**Roussiel, M.** Les indications de la cholecystectomie et de la cholecystostomie. J. chir., Brux., 1926, 25: 13-7.—**Saint, J. H.** Cholecystectomy or cholecystostomy? Clin. J. Lond., 1936, 65: 28-30.—**Schiassi, B.** Le malefatte della colecistectomia in comparazione coi benefici della colelitomiesi. Bull. sc. med., Bologna, 1933, 105: 98-111.—**Shewman, E. B.** Cholecystectomy and cholecystostomy. Nat. Elect. M. Ass. Q., 1920-21, 12: 405-13.—**Sigaud, E.** Das indicaciones da colecistectomia nas afecções crônicas da vesícula e canaças biliares. Tribuna med., Rio, 1922, 28: 121-7.—**Whipple, A. O.** Surgical criteria for cholecystectomy. Am. J. Surg., 1926, 40: 129-31. Also Bull. N. York Acad. M., 1926, 2, ser., 2: 302-6.

Excision: Methods and technic.

DEBRAY, G. *La cholecystectomie sous-séreuse sans drainage; technique et suites opératoires. 85p. 8° Par., 1930.

MIRIZZI, P. L. La cholecystectomia sans drainage (cholécysectomie idéale) 105p. 8° Par., 1933.

Adler, S. [Drainage after cholecystectomy] Gyógyászat, 1931, 71: 517-51. Also Zbl. Chir., 1931, 58: 2743-53.—**Angeletti, E.** Note di tecnica della colecistectomia sottoserosa. Bull. sc. med., Bologna, 1933, 105: 497-505.—**Austoni, A.** Sulla tecnica della colecistectomia ed in particolare della colecistectomia ideale. Clin. chir., Milano, 1930, 33: 630-94.—**Babini, G.** Contributo alla chiusura completa dell'addome nella colecistectomia; colecistectomia secondo la tecnica del Prof. Ortali. Arch. ital. chir., 1939-40, 25: 667-81.—**Baggio, G.** Contributo al problema tecnica della colecistectomia. Policlinico, 1925, 32: sez. chir., 421-7.—**Bakés, J.** Vereinfachung der Cholecystektomie. Zbl. Chir., 1928, 55: 1480.—**Biancheri, T.** Sulla tecnica della colecistectomia (osservazioni in base a cento operazioni) Arch. Soc. ital. chir., 1930, 36: 1051-9.—**Bonaccorsi, A.** Tecnica della colecistectomia. Rass. internaz.

clin. ter., 1929, 10: 731-5.—**Borella, P. A.** La colecistectomia ideale. Osp. maggiore Novara, 1932, 9: 107-17.—**Cadenat, F. M.** A propos de la cholecystectomie. Bull. Soc. nat. chir., Par., 1928, 54: 972.—51-6.—**Chamberlain, D.** Cholecystectomy. Surg. Gyn. Obst., 1929, 49: 181-5.—**Cignozzi.** La cholecystectomie. Rev. méd. chir. mal. foie, 1929, 4: 9-22.—**Corin, J.** La cholecystectomie sous-muqueuse. Paris chir., 1929, 20: 244-6.—**Cotte, G., & Rolland, H.** La cholecystectomie sous-séreuse idéale. Rev. chir., Par., 1931, 69: 1-12. Also Rev. cir., B. Air., 1931, 10: 38-47.—**Coventry, W. A.** Cholecystectomy without drainage. Tr. West. Surg. Ass. (1922) 1923, 32: 385-95.—**Das Gupta, S. C.** Notes on the technique of cholecystectomy. Ind. M. Rec., 1937, 57: 321-4.—**Desgouttes, L., & Ricard, A.** De la cholecystectomie. Presse méd., 1926, 34: 19.—**Desmarest, E.** De la cholecystectomie sous-séreuse sans drainage. J. chir., Par., 1927, 30: 642-9.—**La cholecystectomie sous-séreuse.** Techn. chir., Par., 1938, 30: 75-81.—**Devine, H. B.** Cholecystectomy. Surg. Gyn. Obst., 1927, 44: 85-9, pl.—**Doberer, J.** Beitrag zur idealen Cholecystektomie. Deut. Zschr. Chir., 1926, 195: 38-41.—**Estes, W. L., jr.** Partial cholecystectomy. Tr. South. Surg. Ass. (1929) 1930, 42: 102-9. Also Arch. Surg., 1931, 23: 119; 1938, 36: 849.—**Fasano, M.** Resezione epatica e colecistectomia. Arch. ital. chir., 1925, 14: 301-4.—**Foster, G. S.** The technique of cholecystectomy. Am. J. Surg., 1927, n. ser., 3: 144.—**Fowler, R. S.** Cholecystectomy without drainage. Ann. Surg., 1931, 93: 745-8.—**Gann, D., jr.** Subserous cholecystectomy. Internat. J. M. & S., 1931, 44: 214-6.—**Gatch, W. D.** Chemical cholecystectomy. Tr. South. Surg. Ass. (1929) 1930, 42: 110-4.—**Gibson, C. L.** Aids to cholecystectomy. Ann. Surg., 1926, 83: 618-21.—**Goodman, H. I.** Cholecystectomy under spinal anesthesia. Med. J. & Rec., 1928, 128: 324-8.—**Gullotta, G.** Considerazioni e contributo alla cholecistectomia ideale. Arch. ital. chir., 1930-31, 26: 214-8.—**Hawkes, E. Z.** Technic of cholecystectomy. Surg. Clin. N. America, 1926, 6: 1375-9.—**Hawkins, T. L.** A safer technique in cholecystectomy. J. Lancet, 1939, 59: 47.—**Hortolomei, N.** [Subserous cholecystectomy] România med., 1938, 16: 233.—**Iselin, H.** Zur Cholecystektomie. In Festschr. F. de Quervain, Basel, 1928, 275-80. Also Schweiz. med. Wschr., 1928, 58: 673-5.—**Jones, M. P.** Transillumination of cystic duct in cholecystectomy. Ohio M. J., 1925, 21: 655.—**Jung, G.** [Ideal cholecystectomy]. Orv. hetil., 1936, 80: 441-3.—**Kümmell, H., jr.** Vereinfachende Technik bei Cholecystektomie. Zbl. Chir., 1928, 55: 2114-8. Also Am. J. Surg., 1929, n. ser., 6: 180.—**Lahey, F. H.** Cholecystectomy. Surg. Clin. N. America, 1926, 6: 679-89. The cystic artery in cholecystectomy. N. England J. M., 1929, 201: 522-4.—**Lembo, S.** Colecistectomia; colecistomia sub-totale e totale, costruendo la valvola ileo-colica ed ileo-sigmoidica. Chir. ernia, 1921, 13: 1; 37.—**Leo, E.** La colecistectomia ideale; modo semplice di realizzare la peritonealizzazione, l'emostasi e la coelastasi del moncone cistico e della loggia epatica. Arch. ital. chir., 1931-32, 30: 655-84.—**Léval, J.** [Technique of cholecystectomy] Orv. hetil., 1929, 73: 1017-9.—**McWhorter, G. L.** Critical points in cholecystectomy; importance of anatomical and pathologic changes; use of a soft-jawed clamp for temporary occlusion of the blood vessels or bile ducts. Surg. Clin. N. America, 1934, 14: 893-900.—**Mason, R. L.** An air cushion for cholecystectomy. Ibid., 1928, 8: 95-9.—**Mazza, H. L.** Exclusion fisiológica de la vesícula biliar. Sem. méd., B. Air., 1935, 42: 1312-7.—**Mentzer, S. H.** Cholecystectomy; new methods in its technique. California West. M., 1931, 34: 345-8. Cholecystectomy without drainage. Surg. Gyn. Obst., 1935, 61: 548.—**Woolsey, J. H.** Cholecystectomy; modifications in technique. Ibid., 1929, 49: 76-81.—**Miller, H. A.** Technic in gall-bladder removal. Southwest. M., 1927, 11: 12.—**Mirizzi, P. L.** Cholecystectomie trans-hépatique. Arch. fr. belg. chir., 1927, 30: 921-5.—**La colecistectomia ideale e la colangiografia durante l'operazione.** Arch. ital. mal. app. diger., 1933, 2: 365-80.—**La cholecystectomie ideale e la colangiographie au cours des opérations sur les voies biliaires.** Bull. Soc. nat. chir., Par., 1933, 59: 727-35. Also Dia. méd., B. Air., 1933-34, 6: 7.—**& Olmedo, F. A.** Disecção del conducto cístico en la colecistectomia sin drenaje; técnica de la sutura de los muñones dilatados. Bol. Soc. cir. B. Aires, 1931, 15: 272-82.—**Moore, E. C.** A technique of cholecystectomy and mortality analysis of biliary surgery. Proc. Congr. Pan-Pacific Surg. Ass., 1939, 3. Congr., 89-94.—**Mortimer, E. L.** Subserous cholecystectomy. Am. J. Surg., 1929, n. ser., 6: 83-7.—**Noble, T. B., jr.** A method for reducing the post-operative morbidity of cholecystectomy. Ibid., 1937, 38: 259-65.—**Oliani, E.** Contributo alla cosiddetta colecistectomia ideale. Policlinico, 1929, 36: sez. prat., 1505-8.—**Pankratiev, B. E.** [Technique of one-stage excision of the stomach and cholecystectomy en bloc] Nov. khir. arkh., 1937, 39: 597-601. Also J. chir., Par., 1937, 50: 18-26.—**Pauchet, V.** La cholecystectomie minima. Bull. Soc. méd. Paris, 1928, 331-3.—**Prikhodko, G. M.** [Closing of abdominal wounds after cholecystectomy] Russ. klin., 1925, 4: 446-56.—**Razzaboni, G.** La basi anatomo-tecnice della colecistectomia. Arch. ital. chir., 1938, 54: 137-40.—**Riga, I. T.** Exploration der Gallenwege in der Cholecystektomietechnik. Zbl. Chir., 1937, 64: 921.—**Ritchie, H. P.** A suggestion in the technic of cholecystectomy for the selected case. Proc. Inst. M. Chicago, 1936, 11: 197.—**A suggestion in the technic of cholecystectomy for the complicated case of gallbladder disease.** Surgery, 1937, 1: 581-8.—**Rowlands, R. P.** Cholecystectomy. Surg. Gyn. Obst., 1927, 45: 518-22.—**Scheele, K.**

- Der Keimgehalt der Gallenwege und seine Beziehungen zur Technik der Cholezystektomie. Beitr. klin. Chir., 1922, 125: 377-413.—**Smith, H. F.** Technique of the operation of cholecystectomy. Atlantic M. J., 1925-26, 29: 144.—**Sweek, W. O., Hartgraves, T. A., & Williams, H. G.** Cholecystectomy, subserous, with cystic duct drainage and cholangiography. Am. J. Surg., 1938, 40: 552-9.—**Sweek, W. O., & Patterson, J. H.** A practical addition to the technic of cholecystectomy. Southwest. M., 1928, 12: 336-40.—**Sweek, W. O., & Woodman, T. W.** Cholecystectomy with cystic duct drainage as a routine procedure. Am. J. Surg., 1927, n. ser., 3: 573-6.—**Székely, L.** [Cholecystectomy and drainage] Gyógyászat, 1938, 78: 611-4. Also Zbl. Chir., 1938, 65: 2478-84.—**Tucker, C. F.** A modified cholecystectomy. Brit. M. J., 1938, 1: 336.—**Urrutia, J. M.** Colectestomía ideal y la colangiografía durante el acto operatorio de Mirizzi. Rev. san. mil., B. Air., 1938, 37: 783; 902.—**Verbruyck, J. R., jr.** Cholecystectomy without drainage; report of 86 consecutive cases without mortality. Med. J. & Rec., 1927, 126: 705-8.—**Wangenstein, O. H.** Should the gall-bladder be removed without drainage? Ann. Surg., 1926, 84: 821-8.—**Whitaker, L. R.** Sub-peritoneal cholecystectomy. Boston M. & S. J., 1927, 197: 657. Also Surg. Gyn. Obst., 1928, 46: 851-4. — Subperitoneal cholecystectomy; preliminary clinical report of a new method. Am. J. Surg., 1931, n. ser., 13: 273-80. — Electrosurgical cholecystectomy; experimental observations. N. England J. M., 1935, 213: 596-601. — Electrosurgical cholecystectomy; clinical application. Ibid., 674-81. — Electrosurgical cholecystectomy. Rev. Gastroenter., 1936, 3: 42-4. — High ligation of cystic vessels in subserous cholecystectomy; the use of silver clips. Am. J. Surg., 1938, 40: 407-12.—**Williams, W. W.** Progress of general surgery; cholecystectomy without drainage. Quinby M. Bull., 1935-36, 13: 120.—**Zaorski, J.** [et al.] [Cholecystectomy] Polska gaz. lek., 1927, 6: 257.
- **Excision: Results [including residues of disease]**
- BONNET, G. F.** *Les suites médicales de la cholécystectomie. 227p. 24½cm. Par., 1938.
- DAVID, L. P.** *Etude critique des résultats éloignés dans les cholécystectomies. 117p. 8° Par., 1937.
- LAUN, A.** *Die Beschwerden nach Entfernung der Gallenblase; ihre Ursachen und Behandlung; auf Grund einer Nachuntersuchung von 765 Cholezystektomien der chirurgischen Universitäts-Klinik Giessen aus den Jahren 1909 bis 1915. 40p. 21cm. Giessen, 1935.
- MAUSS, J. K. W.** *Vergleich der Erfolge der Cholezystektomien mit und ohne Drainage. 23p. 8° Berl., 1929.
- POLLACK, G.** *Kolikrezidive nach Cholezystektomie [Leipzig] 32p. 8° Zeulenroda, 1935.
- RABOUTET, J.** *Les troubles du transit intestinal consécutifs à la cholécystectomie. 63p. 8° Par., 1929.
- RÖSING, F. W.** *Beiträge zur Frage der Beurteilung von Rezidiv- und Residualbeschwerden nach Cholezystektomie von Fällen ohne chirurgische Indikationsstellung. 32p. 23cm. Giessen, 1936.
- STALP, K. G.** *Die Spätergebnisse von 1046 Cholezystektomien aus der Giessener Chirurgischen Universitätsklinik mit Nachuntersuchungen (1899-1913) 68p. 22cm. Giessen, 1935.
- STIEHLER, A.** *Beitrag zur Aetiologie der Schmerzrezidive nach Cholezystektomie und ihrer Behandlung [Kiel] 41p. 8° Hannover, 1926.
- TOBOLD, A. T. B. von.** *Nachuntersuchung von Cholezystektomierten mit besonderer Berücksichtigung der Rezidivkoliken [Rostock] 20p. 8° [Wittenb.] 1926.
- TORGO, J.** *Die unmittelbaren Heilresultate der Gallenblasenectomierten mit primärem Bauchdeckenverschluss. 24p. 8° Berl., 1933.
- ULRICH, W.** *Die Fernresultate von 570 Cholezystektomien der chirurgischen Universitätsklinik Giessen aus den Jahren 1920-1922 mit besonderer Berücksichtigung der sekundären Magen- und Pankreasveränderungen [Giessen] 31p. 21½cm. Kassel, 1936.
- ZIMMERMANN, A. [A.]** *Ueber den Dauererfolg der Cholezystektomie und die Ursachen später auftretender Nachbeschwerden. 29p. 22½cm. Giessen, 1935.
- Alfredo, J.** Alguns casos de colecistectomia em fase aguda Rev. méd. Pernambuco, 1939, 9: 192-208.—**Balice, G.** Note critique sulla estirpazione della vescicella biliare. Policlinico, 1928, 35: sez. chir., 557-63.—**Bélère, H.** Le radiodiagnostic des séquelles de la cholécystectomie. J. radiol. électr., 1932, 16: 481. Also Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 117-31, 6 pl.—**Bernardes de Oliveira, A.** Estudo acerca dos resultados tardios dos varios tipos de cholecystectomy (na cholecystite calculosa e não calculosa) Ann. paul. med. cir., 1934, 27: 619-45.—**Bettman, R. B., & Lichtenstein, G.** End-results following cholecystectomy. Am. J. M. Sc., 1937, 194: 788-94.—**Beye, H. L.** Conditions necessitating surgery following cholecystectomy. Tr. West. Surg. Ass., 1934, 44: 450-69. Also Surg. Gyn. Obst., 1936, 62: 191-202.—**Bimler, R.** Behandlung von Restbeschwerden nach Gallenblasenentfernung. Zbl. Chir., 1938, 65: 2181-4. — Ueber die Residualbeschwerden nach der Cholezystektomie und ihre Behandlung mit dem Hormon der Gallenblasenwand, Cholecysmon. Münch. med. Wschr., 1937, 84: 1458-60.—**Blass, G.** Ueber die Behandlung der sogenannten Pseudorezidive nach Cholezystektomie. Wien. klin. Wschr., 1928, 41: 1429.—**Bryan, W. A.** Correlation of symptoms, pathology and results in cholecystectomy; a study of 233 cholecystectomies done in Vanderbilt School of Medicine from 1925 to the middle of May, 1932. Ann. Surg., 1933, 98: 341-7.—**Camara Leal.** Em torno de tres cholecystectomias. Ann. Hosp. centr. exercito, Rio, 1936, 73-84.—**Cattell, R. B., & Kiefer, E. D.** Failures after cholecystectomy. J. Am. M. Ass., 1929, 93: 1270-3 [Discussion] 1277-9. Also Rev. med. chir. mal. foie, 1931, 6: 241-7.—**Clerici, A.** I seguiti della colecistectomia. Gazz. osp., 1927, 48: 529-31.—**Collins, C. U.** Intermittent gastric obstruction following cholecystectomy. Illinois M. J., 1935, 68: 127-30.—**Culmone, G. B.** Sui risultati immediati e lontani della cura chirurgica delle affezioni litiasiche ed alitiasiche della cistifellea, specialmente dopo colecistectomia. Arch. sc. med., Tor., 1937, 64: 761-92.—**Cutler, C. W., jr.** The isoiodekon liver function test as an index of postoperative morbidity in cholecystectomy. Am. J. Surg., 1934, 26: 457-65.—**Danzis, M.** Cholecystectomy; analysis of 215 cases of gall-bladder disease; operation; end-results. Surg. Clin. N. America, 1926, 6: 1397-412.—**Delrez.** Les insuccès de la cholécystectomie. J. chir., Brux., 1926, 25: 14-20.—**Despontin, A. E.** Resultados alejados de una colecistectomia. Sem. méd., B. Air., 1936, 43: 842-5.—**Dickinson, E. H.** End results in cholecystectomy. Hahneman. Month., 1935, 70: 501-3.—**Donnet, J. V.** Pathogeny of the sequelae of cholecystectomy; report presented to the congress on biliary lithiasis at Vichy (France) September 1932. French M. Rev., Par., 1932, 2: 447-52. Also Nutrition, Par., 1932, 2: 377-93. Also Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 11-27. Also J. M. Soc. N. Jersey, 1934, 31: 147-52.—**Donovan, R. E., & Cibils Aguirre, A.** El síndrome doloroso en los enfermos colecistectomizados. Arch. argent. enferm. ap. digest., 1938-39, 14: 639-44.—**Dwyer, M. F., & Dowling, G. A.** Results in cholecystectomy with especial reference to the symptomatology and diagnosis of cholecystitis. J. Am. M. Ass., 1932, 98: 722-6.—**Eiss, S., & Whaley, J. H., jr.** Changes in the biliary system after cholecystectomy; the causes of recurrence of gallbladder symptoms. Ann. Surg., 1935, 101: 921-6.—**Eliaeson, E. L., & North, J. P.** Morbidity following cholecystectomy. Ibid., 1939, 109: 580-7.—**Emerson, E. C.** Recovery from glycosuria following cholecystectomy. J. Am. M. Ass., 1928, 91: 1632.—**Eyherabide, R. A.** Secuelas de colecistectomia. Dia méd., B. Air., 1938, 10: 1137-41.—**Fiessinger, N., Aussannaire, M., & Hutet, G.** Les reprises de coliques hépatiques après cholécystectomie. Rev. gén. clin. thér., 1938, 52: 323-5.—**Friedrich, L.** [Disorders after cholecystectomy and their treatment] Orvosképzés, 1933, 23: 923-34. Also Arch. Verdauungskr., 1935, 57: 251-63.—**Fumagalli, R.** I ritorni dolorosi dopo colecistectomia. Arch. Soc. ital. chir., 1932, 38: 989-95.—**Gallart Mone, F.** Les séquelles de la cholécystectomie. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 147-50.—**Graud, G.** Les séquelles de la cholécystectomie; thérapeutique médicale et hydrologique. Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 77-115.—**Goldberg, R.** Les séquelles de la cholécystectomie. Prat. méd. fr., 1935, 16: 385-98.—**Gosset, A., & Petit-Dutailis, D.** Séquelles de la cholécystectomie; indications chirurgicales. Nutrition, Par., 1932, 2: 405-25. Also Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 47-76.—**Grigsby, G. P.** Cholecystectomy; report of a case; with commentaries. Internat. J. Surg., 1928, 41: 491-5.—**Groszworth, E.** Lebensbedrohliche Corpus luteum-Blutung nach Cholezystektomie. Zbl. Chir., 1932, 59: 417-9.—**Guliani, G., & Feci, L.** Risultati lontani della colecistectomia (ricerche cliniche, chimiche e radiologiche) Arch. ital. chir., 1930-31, 27: 301-32.—**Gundermann, W.** Ueber Rezidive nach Cholezystektomie und die Ergebnisse ihrer Behandlung. Mitt. Grenzgeb. Med. Chir., 1928, 40: 107-26.—**Gutmann, R. A.** Pourquoi certains malades continuent-ils à souffrir après cholécystectomie? Médecine, Par., 1929, 10: 522-9. — Sur les séquelles de la cholécystectomie. Prat. méd. fr., 1933, 14: 107.—**Hahn, T. F.** After cholecystectomy. J. Florida M. Ass., 1935-36, 22: 355-9.—**Hayes, J. M.** The prevention and treatment of complications following cholecystectomy. Wisconsin M. J., 1935, 34: 731-5.—**Herscher & Pymartin, C.** Coliques hépatiques typiques suivies de l'élimination de calculs 10 ans après la cholécystec-

- tomie. Paris méd., 1933, 87: 453-6.—**Hueck**. Kolikrezidive nach Cholezystektomien während der Jahre 1914-1924. Münch. med. Wschr., 1926, 73: 1600.—**Hueck, H.** Zur Frage der Kolikrezidive nach Cholezystektomie. Arch. klin. Chir., 1927, 46: 255-66.—**Iacobovici, I., & Pavel, I.** Sur la prophylaxie chirurgicale et le traitement médical de certaines séquelles de la cholécystectomie, dues à l'angiolite et au spasme du sphincter d'Oddi. Arch. mal. app. digest., Par., 1937, 27: 712-7.—**Jamin, A.** Le traitement médical des cholécystectomies. Lyon méd., 1928, 141: 400-20.—**Kerr, R. W.** A case of infarction of the liver following cholecystectomy. J. Kansas M. Soc., 1933, 34: 175-8.—**Kunath, C. A.** The stoneless gall-bladder; an analysis of 100 cases treated by cholecystectomy. J. Am. M. Ass., 1937, 109: 183-7.—**Lahey, F. H.** External and internal biliary fistulae following cholecystectomy. Ann. Surg., 1930, 92: 649-57.—**Louyot, P., & Guibal, J.** Hypochlorémie et azotémie consécutive à une cholécystectomie. Rev. méd. Nancy, 1939, 67: 237-40.—**Lurje, A. S.** Ueber Gefahren der Cholezystektomie im Zusammenhang mit einigen Einzelheiten des Baues des Gallenblasenbettes. Mitt. Grenzgeb. Med. Chir., 1932-34, 43: 528-32.—**McClure, R. D.** A study of the postoperative complications in 700 cholecystectomies. Tr. South. Surg. Ass., 1928, 41: 149-58. Also Ann. Surg., 1929, 90: 253-60.—**McGowan, J. M., Butsch, W. L., & Walters, W.** The use of glyceryl trinitrate (nitroglycerin) for the control of pain following cholecystectomy. Ibid., 1936, 104: 1013-8.—**McKenna, H.** Post-operative hernia following cholecystectomy. Surg. Clin. N. America, 1925, 5: 985-7.—**Madinaveitia, J. M., & Diaz, N. America.** Sondaje duodenal después de colecistectomía y un caso de formación de cálculos en vesícula. Arch. med., Madr., 1932, 35: 641.—**Malda, G. M.** Por qué se mueren los enfermos colecistectomizados? Gac. méd. México, 1938, 68: 291-309.—**Maynard, C. W.** Cholecystectomy as seen by the surgical pathologist; report of 223 cases. Am. J. Clin. Path., 1933, 3: 339-45.—**Milnes, E.** Después de la colecistectomía. Arch. urug. med., 1934, 4: 243-52, 3 pl.—**Mirizzi, P. L.** Die Cholangiographie während der Operation bei Residualbeschwerden nach Cholezystektomie. Deut. Zschr. Chir., 1933, 241: 68-73.—**Nogueira, R.** Consideraciones sobre 50 colecistectomías. Rev. méd. cubana, 1929, 40: 559-74.—**Contribuciones al post-operatorio en la colecistectomía.** Rev. cienc. méd., Habana, 1939, 2: 69.—**Novi, M.** Considerazioni cliniche sopra 402 casi di colecistectomia. Bull. sc. med., Bologna, 1929, 101: 195-266.—**Nygaard, K. K.** On post-cholecystectomy colics; with report of a case. Acta chir. scand., 1938, 81: 309-22.—**Parsons, W. H.** The immediate and end-results of cholecystectomy. Ann. Surg., 1940, 111: 831-7.—**Pavel, Feissly [et al.]** Les séquelles de la cholécystectomie. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 69-97.—**Petit-Dutaillis, D.** Les séquelles de la cholécystectomie. Bull. méd., Par., 1925, 39: 1170-2.—**Pollok, L. W.** Cholecystectomy; the end results of 100 cases. Texas J. M., 1926-27, 22: 16-9.—**Pólya, J.** Gallenecyste nach idealer Cholezystektomie. Zbl. Chir., 1925, 52: 2341-4.—**Popovici, A. N., & Ghimpeanu, M. V.** [Late choleperitonitis after cholecystectomy] România med., 1936, 14: 155-8.—**Prud'Homme, E.** Après la cholécystectomie. J. Hôtel-Dieu Montréal, 1933, 2: 73-81.—**Robbiani, A.** Estudio del post-operatorio alejado de los colecistectomizados por colecistitis calculosa. Bol. Inst. clín. quir., B. Air., 1928, 4: 85-231.—**Romano, N., & Rey, S.** El drenaje médico en la recidiva de síntomas de los colecistectomizados. Crón. méd. mex., 1928, 27: 367-71.—**Sanders, R. L.** The end results in 500 cases of cholecystectomy. Tr. Ass. Physicians Mayo Clin. (1929) 1930, 10: 62-70. Also Ann. Surg., 1930, 92: 376-87.—**Scigliano, S.** Il domani doloroso dei colecistectomizzati. Rinasce med., 1939, 16: 449.—**Seligman, E.** A case of hematemesis following cholecystectomy; recovery after gastroenterostomy. Week. Bull. S. Louis M. Soc., 1935-36, 30: 353.—**Shelley, H. G.** After-results of cholecystectomy. U. S. Veterans' Bur. M. Bull., 1930, 6: 52.—**Snell, A. M., McGowan, J. M., & Butsch, W. L.** Colics following cholecystectomy; the probable mechanism of their production. Rhode Island M. J., 1936, 19: 113-9.—**Thorek, M.** Sopra alcuni fattori della mortalità dopo la colecistectomia. Riv. chir., Nap., 1936, 2: 1-18.—**Tucker, W. J.** Symptoms following cholecystectomy. Wisconsin M. J., 1936, 35: 280-5.—**Upham, R.** The cholecystectomized invalid. C. rend. Congr. internat. insuff. hépat., 1937, 1. Congr., 544-7.—**Valerio, A.** The sequelae after cholecystectomy. Med. Press & Circ., Lond., 1936, 192: 435-7.—**Villardel, J.** Éxitos y fracasos de la colecistectomia. Arch. med., Madr., 1932, 35: 753.—**Weir, J. F., & Snell, A. M.** Symptoms that persist after cholecystectomy, their nature and probable significance. J. Am. M. Ass., 1935, 105: 1093-8.—**Wilkie, P. D.** The after-results of cholecystectomy. Rapp. Congr. internat. lith. biliaire, 1932, 1. Congr., 1: 31-45.—**Yazigi, R.** Comentarios sobre una de las causas de las secuelas de los colecistectomizados. Rev. méd. Chile, 1939, 67: 598-603.—**Zuckermann, C.** Indicaciones de la colecistectomía y consecuencias de dicha operación. Medicina, Méx., 1930-31, 11: 723-52.
- colica e calcificazione dell'arteria splenica nello stesso soggetto. Radiol. med., Milano, 1934, 21: 1136-46.—**Buisson, P.** Pénétration de pasto opaco e di aria nelle vie biliari in un caso di fistola colecisto-duodenale. Ibid., 1931, 18: 689-701.—**Capua, A.** Contributo allo studio delle fistole coledoco-duodenali. Arch. ital. mal. app. diger., 1932-33, 2: 85-94.—**Delherm, Dalsace, J. [et al.]** Un cas de fistule duodéno-vésiculaire. Bull. Soc. radiol. méd. France, 1931, 19: 33.—**Frugoni, C.** Calcolosi del coledoco e fistola colecisto-duodenale. Policlinico, 1933, 40: sez. prat., 41-50.—**Fülöp, J.** [Spontaneous fistula of the gall-bladder and duodenum] Orv. hetil., 1938, 82: 231.—**Fuller, C. J.** Cholecysto-colic fistula with unusual radiographic findings. Brit. M. J., 1930, 1: 279.—**Gunsett, Sichel & Lewin.** Communication entre la vésicule biliaire et le duodénum. Bull. Soc. radiol. méd. France, 1936, 24: 162.—**Havlicek, H.** Die Gallenblasen-Zwölffingerdarmfistel im Röntgenbilde. Fortsch. Röntgenstrahl., 1925, 33: 944-8.—**Hutter, K.** Zur Anlegung innerer Gallenblasen-fisteln. Arch. klin. Chir., 1927, 146: 332-62.—**Knox, H. E.** Cholecystoduodenal fistula. Ann. Surg., 1935, 101: 958-60.—**Magé, S.** Gastrocholecystic fistula. Ibid., 1936, 104: 146-8.—**Mallet-Guy, P., & Maillet.** Sur le diagnostic radiologique et le traitement des fistules cholécysto-duodénales. Lyon chir., 1939, 36: 602-6.—**Mamikonov, M. I.** [Cholecystoduodenal fistula] Odess. med. J., 1930, 5: 325-8.—**Medelman, J. P.** Cholecystocolic fistula: case report. Am. J. Roentg., 1936, 36: 52-4.—**Oehnell, H., & Lindblom, K.** Air-filled bile-ducts in a case of fistula between duodenum and the common bile-duct. Acta radiol., Stockh., 1929, 10: 121-6, pl.—**Rivers, A. B., & Mason, J. B.** Cholecystoduodenal fistula. Med. Clin. N. America, 1932, 15: 1571-9.—**Sindoni, M.** Fistola colecisto-gastrica consecutiva a colecistias. Rinasce med., 1927, 4: 426.—**Startz, I. S.** Cholecystic-colonic fistula. Am. J. Roentg., 1936, 36: 518-20.—**Vorhaus, M. G., & Rogers, A. E. T.** Cholecystocolic fistula with X-ray demonstration. Am. J. Digest. Dis., 1934-35, 1: 133.—**Zhvanevsky-Zabolotny, A.** [A case of an external fistula of gall-bladder] Odess. med. J., 1928, 3: 668-70.

floating.

Dillengerseger. Vésicule anormalement mobile et visible à l'écran sans préparation. Bull. Soc. radiol. méd. France, 1936, 24: 369.—**Esau.** Die Wandergallenblase und ihre Stieldrehung. Arch. klin. Chir., 1927, 147: 192-4.—**Estiu, M., & Nacif, V.** Particularidades radiológicas de las posiciones de inflexión lateral en la movilidad del colecisto. Rev. As. méd. argent., 1933, 47: 2861-4, 3 pl.

Foreign body.

Baggio, G. Sulla infettabilità della bile cistica del cane per sola presenza di corpi estranei simili a calcoli nella cistifellea. Bull. Accad. med. Roma, 1926, 52: 11-8. Also Arch. Soc. ital. chir. (1926) 1927, 33: 472-9.—**Cardia, A.** Modificazioni gastriche consecutive ad immissione dei corpi estranei asettici nella cistifellea. Policlinico, 1935, 42: sez. chir., 475-99.—**Cooke, H. H.** The reaction to foreign material in the normal and in the inflamed gallbladder: an experimental study. Arch. Path., Chic., 1932, 14: 856-9. Also repr.—**Shelley, H. J.** Lipiodol injection of biliary fistulae with report of a case of a foreign body in the gall-bladder for a period of 18 years. Am. J. Surg., 1932, n. ser., 17: 46-51. Also Medicina, Méx., 1933, 13: 541-52.—**Wallin, I. E.** Watermelon seed in gallbladder. Ann. Surg., 1940, 111: 328-31.

Gangrene.

Gigon, R. *Les nécroses de la vésicule biliaire. 61p. 8°. Par., 1937.

Trochu, F. *Contribution à l'étude des cholécystites gangréneuses aiguës non lithiasiques. 62p. 8°. Par., 1925.

Baumann, J., & Padovani, P. Péritonite biliaire sans perforation avec cystostéatonécrose épiploïque et nécrose histologique de la paroi vésiculaire. Bull. Soc. nat. chir., Par., 1933, 59: 1412-5.—**Branch, C. F.** The pathology of the gangrenous gallbladder. Rev. Gastroenter., 1939, 6: 136-40.—**Cameron, M. H. V.** Acute gangrenous cholecystitis. Canad. M. Ass. J., 1927, 17: 48-51.—**Cieza Rodríguez, M.** Gangrena gaseosa de la vesícula biliar. Bol. Soc. cir. B. Aires, 1935, 19: 272-6.—**Clavel & Déplante.** Cholécystectomie pour cholécystite aiguë gangréneuse liée à la compression des vaisseaux cystiques par un gros calcul obturant le bassin et déterminant l'ischémie du cholécyste. Lyon méd., 1938, 161: 648.—**Clavel & Vincent, E.** Cholécystectomie avec pince à demeure pour cholécystite gangréneuse. Ibid., 649.—**Delagenière, Y.** Péritonite biliaire avec cystostéatonécrose chez un malade ayant subi une cholécystectomie douze ans auparavant; drainage simple du péritoine; guérison. Bull. Soc. nat. chir., Par., 1934, 60: 470-2.—**Desplas, B., & Olivier, H.** Un cas de pécrose oedémateuse aiguë de la vésicule biliaire (thrombose des vaisseaux cystiques) Arch. mal. app. digest., Par., 1934, 24: 199-204.—**Estes, W. L., jr.** Acute gangrenous cholecystitis and the use of partial cholecystectomy in its treatment. Am. J. Surg., 1938, 40: 197-204.—**Fazio, J. M., & Mosto, D.** Perforación por gangrena de la vesícula biliar. Bol. Soc. cir. B. Aires, 1934, 18: 50-60.—**Gravano, L., & Pángaro, J. A.** Colecistitis gangrenosa. Dia méd., B. Air., 1933-34, 6: 695.—**Hofhauser, J.** Ueber die Entstehung der einfachen Gallen-

Fistula.

See also Bile-ducts, Fistula; Gallbladder, Surgery.

Beutel, A. Karzinomatöse Gallenblasenduoanal fistel. Röntgenpraxis, 1932, 4: 326-31.—**Blefari-Melazzi, T.** Reperto radiologico di comunicazione colecisto-duodenale e colecisto-

blasen- und Pankreasnekrose (Experimente und Klinik) Arch. klin. Chir., 1935, 182: 443-54. — **Judd, E. S., & Gray, H. K.** Necrosis of the gall-bladder. Tr. West. Surg. Ass. (1931) 1932, 41: 233-45. Also West. J. Surg., 1932, 40: 64-9. — **Judd, E. S., & Waldron, G. W.** Gangrenous gallbladder. Minnesota M., 1934, 17: 576-8. — **Kirchmayr, L.** Ueber einen Fall von Gasbrand der Gallenblase. Zbl. Chir., 1925, 52: 1522-7. — **Koch, F. E.** Gallenblasen-Gasbrand. Ibid., 1933, 60: 2060-6. — **Lee, A. E.** Non-surgical (natural) separation of the gall-bladder. Med. J. Australia, 1939, 2: 612. — **Lobingier, A. S.** Necrotic oedema of the gall-bladder. Surg. Gyn. Obst., 1931, 53: 395-9. — **Löhr, W.** Gallenblasen-Gasbrand. Zbl. Chir., 1933, 60: 2435. — **Mast, W. B., McDonough, J. P., & Cunningham, T. D.** Meningismus as the predominant symptom of acute gangrenous cholecystitis. Colorado M., 1936, 33: 335-7. — **Mayer, L.** Cholécystite par gangrène aiguë de la vésicule biliaire. Bruxelles méd., 1933-34, 14: 795. — **Napalkov, P. N.** [Sequestration of a gangrenous gall-bladder] Vest. khir., 1929, 16: 109-14. — **Papin, F., & Barroux, R.** Infection gangréneuse d'un volumineux hydrocholécyste ancien et lithiasique; cholécystectomie; guérison. Bordeaux chir., 1939, 10: 191-3. — **Pratt, G. H.** Cholecystectomy and cholecystostomy in acute suppurative and gangrenous cholecystitis. Am. J. Surg., 1933, 22: 46-52. — **Renaud, M.** Cholécystite gangréneuse. Bull. Soc. anat. Paris, 1925, 95: 123. — **Schamoni, H.** Brandige Gallenblasenentzündung bei einem 4jährigen Jungen. Zbl. Chir., 1930, 57: 1340. — **Simon, J.** [Gangrenous gas phlegmon of the gall-bladder; clinical and roentgenological aspect] Cas. lek. česk., 1932, 71: 1156. — **Stavraki, G. V.** [Case of complete gangrene and self-amputation of the gall-bladder] Vest. khir., 1929, 17: 74-8. — **Tempé, G., & Grabar, J.** Bacille II de Ghon et Sachs dans une cholécystite gangréneuse. C. rend. Soc. biol., 1930, 103: 1149-51. — **Trempe, F.** Cholécystite gangréneuse perforée; péritonite généralisée appendiculaire chez un homme de 74 ans. Bull. Soc. méd. hôp. Québec, 1935, 369-73. — **Vest, S. A., jr.** Gangrene of the gallbladder; report of cases. In Internat. Surg. Digest, Hagerst., 1933, 15: 131-60.

Giardiasis.

KIRSZBLUM, R. *Cholécystite à lamblia (giardia) 60p. 8° Par., 1930.

Anissimov, S. A. [Case of cholecystitis caused by lamblia] Omsky med. J., 1928, 3: 19-23. — **Labbé, M., & Nepveux, E.** Le séjour du *Lamblia intestinalis* dans la vésicule biliaire. Arch. mal. app. digest., Par., 1925, 15: 609-14. — **Pappalardo, C.** Lamblasi e colecistite. Riforma med., 1925, 41: 1183-6. — **Renault Leite, M.** Tratamento da cholecystite de origem lamblíatica. Fol. med., Rio, 1937, 18: 220-2. — **Sarukhanov, A. N.** [Experimental treatment of cholecystitis from lamblia with urotropin] Vrach. gaz., 1929, 33: 2299-301. — **Scheidel, H.** Cholecystitis durch *Lamblia intestinalis*. Med. Klin., Berl., 1931, 27: 1220. — **Stürpe, G.** Angio-colecistite cronica con presenza di lamblie nella bile; colecistectomia; esame istologico della cistifellea. Gazz. med. Roma, 1931, 57: 38-50.

Hemorrhage, and infarctus.

MARK, G. *Ueber Gallenblaseninfarkte [Zürich] p.645-68. 23cm. Würzb., 1935. Also Virehows Arch., 1935, 295.

Fieissinger, N., Bergeret, A., & Leveuf, J. Les hémocholécystes. Presse méd., 1937, 45: 1019-22. Also Rev. Gastroenter., 1938, 5: 383-8. — **Heusser, H.** Die blutende Gallenblase. Münch. med. Wschr., 1925, 72: 2007-8. — **Meyer-May & Joyeux, B.** Apoplexie de la vésicule biliaire. Mém. Acad. chir., Par., 1939, 65: 1217-20.

Hernia.

Hinton, D. Hernia of the gallbladder. J. Am. M. Ass., 1928, 91: 395. — **Köhler, M.** Inkarcierung einer Gallenblase in einem Nabelbruch. Zbl. Chir., 1931, 58: 2136. — **Porzelt, W.** Beitrag zum Bilde der Einklemmung dependenden Gallenblase links vom drehrunden Band. Ibid., 1935, 62: 439-41. — **Sholkov, B. V.** [Strangulated hernia of the gall-bladder] Vrach. gaz., 1927, 31: 990.

Histology.

Burruano, C. Modificazioni di struttura della parete delle cistifellea nei rapporti con l'età e con la costituzione. Monit. zool. ital., 1934, 45: Suppl., 274-8. — **Struttura della parete della cistifellea nei vari periodi della vita dell'uomo.** Ricer. morf., 1938, 16: 489-530. — **Erdmann, R.** Epithelstudien; die Züchtung des Gallenblasenepithels. Arch. exp. Zellforsch., 1931, 11: 530-44. 2 pl. — **Gosset, A., Bertrand, I., & Gonnelli, V.** Etudes cytologiques sur la vésicule biliaire. Ann. anat. path., Par., 1931, 8: 97-111. — **Halpert, B.** Morphological studies on the gall-bladder; a note on the development and the microscopic structure of the normal human gallbladder. Bull. Johns Hopkins Hosp., 1927, 40: 390-408. — **Hosono, S.** Cultivation in vitro of the epithelium of the gallbladder from guinea-pigs. Tr. Soc. path. jap., 1933, 23: 447; 1935, 25: 430. — **Jeannin, J.** La disposition du tissu élastique dans la vésicule biliaire à l'état normal et dans quelques cas pathologiques. Bull. histol. appl., Lyon, 1927, 4: 231-6. — **Contribution à l'étude de la disposition du tissu élastique dans la vésicule biliaire de l'homme.** C. rend.

Soc. biol., 1927, 96: 91. — **Nakamoto, Y.** On the heterologous growth of epithelium of gall-bladder of guinea-pigs. Jap. Path. Soc., 1927, 17: 527.

Hydrops, and mucocele.

Austoni, B., & Cestari, A. L'edema della colecisti. Pathologica, Genova, 1932, 24: 832-5, pl. — **Badile, P. L.** Il microbismo nella patogenesi dell'idropo della cistifellea. Rass. internaz. clin. ter. (Scritti in onore di E. Burci) 1930, 9: 93. — **L'evoluzione definitiva dell'idropo sperimentale della colecisti esclusa.** Arch. Soc. ital. chir., 1934, 40: 829-34. — **Björkenheim, E. A.** Hydrops vesicae felleae. Zbl. Gyn., 1930, 54: 597-9. — **Brendolan, G.** Contributo clinico e sperimentale all'idropo della cistifellea. Atti Soc. med. chir. Padova, 1932, ser. 2, 10: 456-9. Also Arch. ital. anat. pat., 1933, 4: 693-728. — **Chutro, P.** De colecistectomia por vesícula hidropica infectada. In his Lecc. clin. quir., B. Air., 1938, 3: 54-80. — **Coro del Pozo, A., & Baldor, J.** Hidropesia vesicular. Vida nueva, Habana, 1929, 23: 77-9. — **Fabião, M.** Hidropisia aguda da vesícula por compressão do ganglio de Mascagni. Fol. med., Rio, 1927, 8: 177. — **Feldmann, Ueber die Stiel-torsion der hydropischen Gallenblase.** Schweiz. med. Wschr., 1926, 56: 849-54. — **Galli, G.** Idropo della cistifellea; calcoli della cistifellea. Rass. med. sarda, 1937, 39: 232. — **Galli, G., & Vecchi, A.** Osservazioni istologiche ed indagini sperimentali sull'idropo della cistifellea. Arch. ital. chir., 1928, 21: 298-308. — **Gianturco, C.** Considerazioni su di un caso di idropo della cistifellea. Riforma med., 1929, 45: 1592-4. — **Harding, H. E.** The secretion of mucus by the epithelial cells of the gall-bladder, and the experimental production of mucocele. Brit. J. Surg., 1934, 22: 355-64. — **Mallet-Guy.** Hydropisie intermittente de la vésicule biliaire et tuberculose sous-hépatique. Lyon méd., 1928, 141: 122-5. — **Marinacci, S.** Torsione della cistifellea; idropo acuto. Policlinico, 1926, 33: sez. prat., 194-6. — **Milch, H.** Hydrops of the gall-bladder in an infant. Ann. Surg., 1926, 84: 415-8. Also repr. — **Mock, H. E.** Hydrops of gall-bladder with cholelithiasis. S. Luke Hosp. Bull., Chic., 1937, 1: 6. — **Popper, H.** Oedem der Gallenblase. Mitt. Ges. inn. Med. Wien, 1934, 33: 92-8. — **Remijnse, J. G.** Case of giant gall-bladder [hydrops] operation, recovery. Ned. tscr. geneesk., 1928, 72: 2965. — **Soto Blanco, J.** Hidropesia de la vesícula biliar. An. Fac. med., Montev., 1928, 13: 867-71. — **Dropsy; case.** Rev. med., Rosario, 1929, 4: 39-42.

Infection.

See subheading, Inflammation.

Inflammation [Cholecystitis]

See also subheading Pericholecystitis.

LIEDBERG, N. Klinische Studien über die akute Cholecystitis. 182p. 8° Lund, 1937.

ROTH, F. D. *Acute cholecystitis. 16p. 4° Wauwatosa, 1933.

Acute cholecystitis. Lancet, Lond., 1934, 2: 1052. — **Andre, C.** Colecistitis. Repert. med. cir., Bogotá, 1926, 18: 140-53. — **B. E.** Colecistitis aguda ¿Por qué esperar? Reforma méd., Lima, 1937, 23: 952. — **Babcock, W. W.** The acutely inflamed gallbladder. Bull. Grace Hosp., Det., 1937, 21: No. 4, 1-6. — **Barnard, F. S.** Cholecystitis. Pacific Coast J. Homoeop., 1931, 42: 114-9. — **Behrend, A., & Gray, H. K.** Acute cholecystitis: problems created by an attempt to correlate its clinical, surgical, and pathologic manifestations. Surgery, 1938, 3: 195-9. — **Blech, G. M.** Cholecystitis; a border-land disease. Med. Herald, 1930, 49: 434-7. — **Brooks, C. D.** Acute cholecystitis. J. Michigan M. Soc., 1937, 36: 154-7. — **Brown, A.** The acute gallbladder. Nebraska M. J., 1928, 13: 244-6. — **Chasovnikov** [Cholecystitis without stones] Vest. khir., 1928, 13: 16-26. — **Cheney, W. F.** Acute cholecystitis. In Cyclop. med. (Piersol-Bortz) Phila., 1939, 9: 185-93. — **Cole, W. H.** Noncalculous cholecystitis. Surgery, 1938, 3: 824-39. — **Crosti, F.** Infezioni delle vie biliari; colecistiti. Arch. Soc. ital. chir. (1923) 1924, 30: 213-76. Also Morgagni (Riv.) 1923, 65: pt 2, 506-9. Also Policlinico, 1923, 30: Sez. prat., 1455-7. Also Rass. internaz. clin. ter., 1923, 4: 574-7. — **Doolin, W.** Infection and the gallbladder. Irish J. M. Sc., 1939, 6, ser., No. 165, 648-53. — **Douglas, J.** Acute inflammation of the gall-bladder and biliary ducts. N. York State J. M., 1937, 37: 1119-27. — **Fallis, L. S., & McClure, R. D.** Acute cholecystitis; a review of 320 cases. Surg. Gyn. Obst., 1940, 70: 1022-8. — **Foster, G. S., & Deitch, J.** Gall-bladder infections. Med. Times, N. Y., 1929, 57: 307-10. — **Giordano, D.** Colecistite e colecistiti comitate. Gazz. internaz. med. chir., 1926, 31: 63. — **Glenn, F.** Acute cholecystitis. Surg. Gyn. Obst., 1939, 69: 431-5. — **Graham, R. R.** Acute cholecystitis. Am. J. Surg., 1939, 46: 585-92. — **Grant, J. W. G.** Cholecystitis. Clin. J., Lond., 1926, 55: 610-2. — **Gundermann, W.** Beitrag zur Klinik der Cholecystitis und Cholangitis; die Coliecholeystitis. Mitt. Grenzgeb. Med. Chir., 1923-24, 37: 601-21. — **Hasskari, W. F.** Cholecystitis. Med. Rec., Houston, 1926, 20: 148. — **Hunt, E. R.** Cholecystitis. Clin. J., Lond., 1927, 56: 217; 233. — **Jones, E. O.** Cholecystitis; a review of cases admitted to Swedish Hospitals during 5 years. Northwest M., 1927, 26: 53-6. — **Judd, E. S.** Clinical versus pathologic cholecystitis. Proc. Interst. Postgrad. M. Ass. N. America, 1925, 1: 81-3. — **Cholecystitis with a consideration of some of the associated problems.** Illinois

M. J., 1926, 49: 460-4. Also Northwest M., 1926, 25: 167; 1927, 26: 377. Also Arch. ital. chir., 1927, 18: 368-77. Also Proc. Internat. Postgrad. M. Ass. N. America (1929) 1930, 5: 375-8. — & Phillips, J. R. Acute cholecystic disease. Ann. Surg., 1933, 98: 771-9. — Lahey, F. H. Acute and subacute cholecystitis. Surg. Clin. N. America, 1933, 13: 595-601. — Lipshutz, B. Acute cholecystitis. Ann. Surg., 1935, 101: 902-11. — Lyon, B. V. The nature, diagnosis and treatment of cholecystitis. Med. J. & Rec., 1927, 126: 620; 660. — McCurrah, H. J. Cholecystitis. Med. Press & Circ., Lond., 1938, 197: 283-7. — McKenty, J. Acute cholecystitis. Canad. M. Ass. J., 1935, 33: 59; 1938, 38: 236. Also J. Internat. Coll. Surg., 1940, 3: 69-72. — McNeely, J. W. Cholecystitis. Brit. M. J., 1937, 2: 731-3. Also Ulster M. J., 1937, 6: 245-7. — Majocchi, A. Colecistiti non calcolose. Osp. maggiore, Milano, 1937, 25: 5-8. — Melo Rego, J. de. Colecistitis agudas e crônicas. Impr. med., Rio, 1939, 15: 253-6. — Miller, R. H. Acute cholecystitis. Ann. Surg., 1930, 92: 644-8. — Moynihan, B. The gall-bladder and its infections. Brit. M. J., 1928, 1: 1-6, pl. Also Bull. Soc. chir. Paris, 1928, 20: 284-97. Also Dña méd., B. Air., 1931-32, 4: 109. — Newman, C. Infections of the gall-bladder. Clin. J., Lond., 1935, 64: 28-32. — Phillips, J. Biliary infection. Ibid., 1936, 65: 321-5. — Pires de Campos, O. Cholecystitis. Ann. paul. med. cir., 1937, 33: 511-5. — Pringle, S. Acute cholecystitis. Irish J. M. Sc., 1934, 6. ser., 606-10. — Rehfuess, M. E., & Nelson, G. M. The problem of gall-bladder infection. Tr. Am. Gastroenter. Ass., 1938, 41. Meet., 93-8. Also Am. J. Digest. Dis., 1938-39, 5: 571-6. — Rhodes, R. L. Acute cholecystitis. Tr. South. Surg. Ass., 1937, 50: 224-8. — Roberts, C. W. Concerning biliary tract disease; special reference to acute cholecystitis. J. M. Ass. Georgia, 1940, 29: 225-32. — Shaw, M. Discussion on cholecystitis. West London M. J., 1931, 36: 146-69. — Stacy, H. S. Gall-bladder and allied infections. Med. J. Australia, 1926, 2: 277-83. — Vance, J. Personal observations of cholecystitis. Southwest M., 1931, 15: 467-70. — Wesson, H. R., & Montgomery, T. R. Acute cholecystitis: report of 87 cases. Proc. Mayo Clin., 1937, 12: 500-1. — Wilkie, D. P. D. Acute obstructive cholecystitis. Practitioner, Lond., 1932, 128: 113-21. — Willis, J. C. Acute cholecystitis. Tristate M. J., 1938-39, 11: 2171. — Wolfson, W. L., & Rothenberg, R. E. Acute noncalculous cholecystitis: a study of 31 cases. J. Am. M. Ass., 1936, 106: 1978-80. — Worthen, T. W. Cholecystitis without cholelithiasis. Proc. Connecticut M. Soc., 1925, 133: 113-23. Also Med. Progr., Louiss., 1926, 42: 1-5.

Inflammation: Bacteriology.

See also subheading Bacteria.

EHRAT, F. *Ueber Cholecystitis acuta im Verlauf von Typhus abdominalis bei Kindern. 53p. 8°. Zürich, 1928.

NOVZARI, I. *Les cholecystitis eberthiennes autonomes. 65p. 8°. Par., 1928.

Agucci, A. Sulle colecistiti tifose. Patologica, Genova, 1932, 24: 34-40. — Aronsohn, H. G. Experimental studies of bacterial cholecystitis. Am. J. Surg., 1936, 32: 18-26. — Blavet di Braga, C. Contributo clinico, batteriologico ed istologico allo studio delle colecistiti. Gior. batt. immun., 1934, 12: 753-800. — Borsoetti, I. Ricerche sperimentali sul tropismo dei germi; studio di alcuni ceppi di stafilococco isolati da colecistiti umane. Boll. Soc. med. chir., Pavia, 1935, 49: 41-68. — Ricerche batteriologiche nelle infezioni della cistifellea. Ibid., 105-20. — Branch, C. F. The bacteriological study of a group of diseased gall-bladders. N. England J. M., 1929, 201: 308-12. — Chiray, M., Liègeois, M., & Albot, G. Etudes bactériologiques récentes relatives aux cholecystitis chroniques. Arch. mal. app. digest., Par., 1931, 21: 5-19. — Curbelo Hernández, A., Insu Cartaya, G., & Toyos Gómez, V. Selectividad tisular bacteriana: disquisición interesante en relación con las colecistitis infecciosas en distintas latitudes. Rev. med. cir. Habana, 1934, 39: 461-85. — García, V., & Roman, J. Fiebre remitente prolongada por colecistitis coli bacilar. Ibid., 1935, 40: 787-91. — Ghose, A. C. On the bacterial infection of the gall-bladder: a clinical study in human subjects and an experimental study in rabbits. Ind. J. M. Res., 1933, 20: 951-6. — Giardina, S. G. La colecistite tifica nel corso della febbre tifoide. Gazz. internaz. med. chir., 1928, 33: 561-4. — Gordon-Taylor, G., & Whitby, L. E. H. A bacteriological study of 50 cases of cholecystectomy, with special reference to anaerobic infections. Brit. J. Surg., 1930, 18: 78-83. — The incidence of anaerobic infections in the gall-bladder. Ibid., 1932, 19: 619-21. — Graef, I., & Sturtevant, M. Cholecystitis due to Bacillus aerogenes-capsulatus; report of a case with 9 cases from the literature. Arch. Surg., 1934, 28: 771-81. — Grondahl, N. B., Thjotta, T., & Hanneborg, O. [Cholecystitis, abscess in the liver and empyema produced by Pneumococcus mucosus]. Norsk. mag. lægevid., 1924, 85: 442-9. — Gundermann, W. Beitrag zur Klinik der Cholecystitis und Cholangitis; die Staphylokokkencholecystitis. Mitt. Grenzgeb. Med. Chir., 1923-24, 37: 581-600. — Hurst, A. F. B. coli cholecystitis. Guy's Hosp. Rep., Lond., 1932, 82: 396-409. — Kliewe, H. Zur Bakteriologie der entzündlichen Veränderungen der Gallenwege, insbesondere der Cholecystitis. Zschr. Hyg., 1922, 96: 243-54. — Kudlich, H. Zur Bakteriologie der Cholecystitis. Zbl. Bakt., 1. Abt., 1933, 128: 223-45. — Liteczky, A., & Bodrogi, G. [Clinical evaluation of bacteriology of A and B bile in cholecystitis]. Gyógyászat, 1937, 77: 17. — Lucchese, G. Sulla colecistite da paratifo B. Arch. ital. chir.,

1936, 42: 473-500. — MacQuiddy, E. L., & Martin, J. W. Cholecystitis due to Brucella melitensis. Nebraska M. J., 1934, 19: 227. — Mallory, T. B., & Lawson, G. M., jr. Chronic typhoid cholecystitis. Am. J. Path., 1931, 7: 71-5, pl. — Meister, M. Gasbakterieninfektion der Gallenblase. Klin. Wschr., 1937, 16: 1044-6. — Nickel, A. C., & Judd, E. S. Cholecystitis; a bacteriologic and experimental study of 100 surgically resected gall-bladders. Surg. Gyn. Obst., 1930, 50: 655-62. — Papke, W. Die Bakterienbefunde bei den Gallenblasen-, Gallengangs- und Duodenalschleimhautentzündungen. Deut. med. Wschr., 1940, 66: 235-8. — Pomeroy, L. A., & Shen, J. K. Acute typhoid cholecystitis 41 years after original infection. Am. J. M. Sc., 1925, 170: 881-3. — Silberstein, M. Chronic cholangitis and cholecystitis lenta (Streptococcus viridans). Med. Rec., N. Y., 1939, 150: 133-5. — Smetana, H. Cholecystitis, hervorgerufen durch Schizosaccharomyzetten. Zbl. allg. Path., 1929, 46: 225-30. — Spitznagel, K. Gasbakteriencholecystitis. Wien. med. Wschr., 1929, 79: 461. — Surmont, H., & Bottiaux, R. Cholecystitis à staphylocoques. Echo méd. nord, 1934, 3. ser., 1: 309-20. — Thorsness, E. T. Bacteriology of cholecystitis; the virulence and spore formation of Clostridium welchii. Surg. Gyn. Obst., 1934, 59: 752-5. — Tsunetsugu, H. Experimental study on the invasion of B. typhosus and V. cholerae into the gall-bladder of the rabbit. Tr. Jap. Path. Soc., 1924, 14: 213. — Wahlberg, K. Die Gasbakterieninfektion der Gallenblase. Münch. med. Wschr., 1927, 74: 2095. — Wilkie, A. L. The bacteriology of cholecystitis; a clinical and experimental study. Brit. J. Surg., 1927-28, 15: 450-65. — Williams, B., & McLachlan, D. G. S. The aetiology of cholecystitis; bacteriological observations. Lancet, Lond., 1930, 2: 342-7.

Inflammation, calculus.

Beltrametti, L. Sopra un caso di colecistite probabilmente calcicola in soggetto con situs viscerum inversus totalis. Gior. clin. med., 1933, 14: 113-9. — Boix Pon, M. Colecistitis litiasica supurada a forma lenta y perforación vesicular. Dia méd., B. Air., 1931-32, 4: 747. — Bolognesi, G. Il fegato nella colecistite calcicola; ricerche istopatologiche. Arch. ital. anat. pat., 1932, 3: 829-74. — Calzavara, D. Contributo alla conoscenza delle colecistiti calcicose perforate. Arch. ital. chir., 1938, 50: 722-49. — Condamin, J. Cholecystite calculeuse avec vésicule particulièrement mobile. Lyon méd., 1926, 138: 425. — Creysse, Cholecystite calculeuse en voie de dégénérescence néoplasique. Ibid., 1924, 133: 621. — D'Agostino, F. Sulla colecistite calcicola (contributo sperimentale). Boll. Soc. eastach., 1924, 22: 116-22. — Deaver, J. B. Chronic calculeous cholecystitis. Surg. Clin. N. America, 1923, 3: 15-20. — & Magoun, J. A. H. Chronic calculeous cholecystitis. Ann. Surg., 1929, 90: 1046-59. — Desmarest, Symptômes, diagnostic et traitement des cholecystitis calculeuses. Sem. hôp. Paris, 1927, 3: 531-9. — Dogarin, V. [Case of calculeous cholecystitis]. Cluj. med., 1929, 10: 648. — Duruy, A. Formes anatomocliniques des cholecystitis calculeuses. Gaz. hôp., 1925, 98: 897; 929. — Estor & Sicard. Cholecystite calculeuse et goutte. Bull. Soc. sc. méd. biol. Montpellier, 1922-23, 4: 387. — Fedeli, F. Le alterazioni del letto epatico della cistifellea nella colecistite cronica litiasica. Patologica, Genova, 1933, 25: 170-9. — Finzi, O. Colecistocoele paromelicale strizzato con colecistite calcicola. Arch. ital. chir., 1922, 4: 449-54. — Fischer, W. Einige Beobachtungen an entzündeten Steingallenblasen. Beitr. path. Anat., 1930, 84: 535-42. — Galdi, F. Diabete e colecistite litiasica. Policlinico, 1934, 41: sez. part., 1121-8. — Giordano, D. Colecistiti calcicose in donne vecchie. Rinasce. med., 1928, 5: 573-6. — Colecistiti calcicose: in gravidanza; con ittero di lunga durata: con glicosuria. Ibid., 1930, 7: 260; 284. — Colecistiti calcicose in donne già operate di appendicectomia. Minerva med., Tor., 1933, 24: 161-5. — Halpert, B., & Lawrence, K. B. Cholecystitis with cholelithiasis; a clinicopathological study of 60 patients. Surg. Gyn. Obst., 1936, 62: 43-9. — Le Filliatre, G. Présentation de 2 vésicules biliaires atteintes de cholecystitis calculeuses. Ann. anat. path., Par., 1926, 3: 856-8. — McGuire, S. Cholecystitis with and without gallstones. Internat. J. Surg., 1925, 38: 211-5. — Malamud, T. El síndrome apendicular agudo como única manifestación de la colecistitis crónica calcicola. Rev. As. méd. argent., 1937, 50: 254-9. — Margreth, G. Su di un raro esito della colecistite calcicola. Minerva med., Tor., 1928, 8: 1138-48. — Philardeau, Etude étiologique et pathogénique de la cholecystite calculeuse. Vie méd., 1923, 4: 411. — Ramirez Corria, C. M. La opacidad comparada de los constituyentes del calculo biliar; apuntes sobre la patología de la colecistitis calcicola. Vida nueva, Habana, 1930, 26: 185-207. — Rebaudi, F. Sul microbismo delle vie biliari nella colecistite calcicola. Arch. biol., Genova, 1930, 7: 29-37. — Siffert de Paula & Silva, G. Cholecystitis and cholelithiasis. Brasil med., 1939, 53: 1111-8. — Vuillème, Leuret, J., & Roy, L. Hémopéritoine mortel par hémorragie hépatique au cours d'une cholecystite calculeuse. Ann. anat. path., Par., 1936, 13: 236-40.

Inflammation, calculus: Diagnosis.

Branisteanu. Sur le diagnostic radiologique de la cholecystite calculeuse. Gaz. méd. France, 1935, 42: gastr., No. 13. 9-11. — Cade, A., & Barrier, J. Les difficultés du diagnostic de la cholecystite lithiasique chronique et de l'ulcus gastroduodénal. Lyon méd., 1924, 133: 581-92. — Docimo, L. Colecistite calcicola a síndrome gastralgica. Riforma med., 1927, 43: 653-5. — Farinas, P. L., & Milanés Álvarez, F. Estudio

comparativo del valor diagnóstico del drenaje biliar y de la colecistografía en las colecistitis calculosas (con referencia especial a los datos derivados de la anamnesis, examen físico y quimismo gástrico de los enfermos) Vida nueva, Habana, 1932, 30: 352-76. ch. Also C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 185-8.—**Giordano, D.** Perchè una malattia, affetta da colecistite calcicola, veniva anche accusando dolori a sinistra? Riforma med., 1931, 47: 323-5.—**González Olaechea, M.** Síndrome gastro-intestinal reflejo por colecistitis calculosa. Crón. méd., Lima, 1924, 41: 203-8.—**Grignani, R.** Sopra un caso di colecistite calcicola con reperto radiológico raro; note cliniche e radiologiche. Boll. Soc. med. chir., Pavia, 1925, 38: 311-31.—**LeSage, J.** La cholecystite calculeuse; valeur du tube duodénal. Union méd. Canada, 1935, 64: 238-45.—**Mauro, G.** Sulla diagnosi e la cura della colecistite calcicola. Gazz. osp., 1933, 54: 893-5.—**Moulouquet, P.** Cholecystite calculeuse avec hématémèse. Bull. Soc. nat. chir., Par., 1929, 55: 15-20.

— Inflammation, calculous: Treatment.

Estor, E. Phlegmon ligneux de la paroi abdominale consécutif à une cholecystite calculeuse; ablation en un seul bloc du phlegmon et de la vésicule. Bull. Soc. nat. chir., Par., 1927, 53: 900.—**Gariépy, L. H.** Cholecystite calculeuse et diabète; opération; résultats. Union méd. Canada, 1934, 63: 434-7.—**Gioja, E.** Colecistite calcicola con migrazione di calcoli nel parenchima epatico: colecistotomia e resezione epatica; guarigione. Boll. Soc. med. chir., Pavia, 1929, n. ser., 4: 17-24. pl.—**Grimault, L.** Cholecystite chronique; volumineux calcul découvert à la radiographie; cholecystectomie; guérison. Bull. Soc. anat. Par., 1923, 93: 835.—**Le Filliatre, G.** Au sujet de quelques observations de cholecystites calculeuses et leur seul traitement. J. méd. Paris, 1927, 46: 211-3. Also Vie méd., 1927, 8: 17-9.—**Papin, F.** L'intervention à chaud dans les cholecystites aiguës calculeuses. Rev. chir., Par., 1921, 59: 648-67.—**Parlaviechio, C.** El raspado de la mucosa de la vesícula biliar como complemento de la colecistostomía en la cura de las colecistitis crónicas especialmente calculosas. Rev. cir., B. Air., 1930, 9: 669-71.—**Petridis, P.** Un cas de cholecystectomie à chaud pour cholecystite calculeuse aiguë. Bull. Soc. chir. Paris, 1922, 48: 213-5.—**Ricard, J.** Cholecystite calculeuse adhérente au duodénum à syndrome d'ulcus pylorique, cholecystectomie. Lyon méd., 1923, 132: 736.—**Robbiani, A.** Estudio del postoperatorio alejado de los colecistotomizados por colecistitis calculosa. An. cirug., Habana, 1930, 2: 373; 461; 511.—**Sloeker, E.** Colecistitis calculosa, absceso hepático sin ictericia, laparotomía sin sutura. Siglo méd., 1920, 67: 121-4.

— Inflammation, chronic.

ARCAYA VARGAS, A. M. *Histopatología de las colecistitis crónicas [Univ. Chile] 60p. 8°. Santiago, 1925.

MAIRESSE, C. *Contribution à la thérapeutique médicale de la cholecystite non calculeuse chronique. 79p. 8°. Par., 1936.

Abrami, P. Le traitement médical des cholecystites non calculeuses chroniques. Bull. gén. théor., 1935, 186: 392-401.—**Albot, G., & Caroli, J.** Les hépatites satellites des cholecystites chroniques. Ann. anat. path., Par., 1931, 8: 223-46.—**Amorosi, O.** La sindrome dolorosa epigastrica o ipocondriaca nella colecistite cronica. Ann. ital. chir., 1931, 10: 703-24.—**Antoine, E.** Le traitement médical des cholecystites chroniques non lithiasiques. Nutrition, Par., 1931, 1: 397-410.—**Baccarani, U.** Le colecistiti croniche non calcicolese. Riforma med., 1929, 45: 1683-5.—**Barata, P.** Cholecystite cronica; cholecystectomia; cura. Arch. brasil. med., 1925, 15: 719-22.—**Barbera, G.** L'importanza del metodo Antoneucci per la diagnosi di colecistite cronica. Policlinico, 1933, 40: sez. prat., 1244-50.—**Béclère, H., Moutier, F., & Goiffon, R.** Cholecystite chronique, périgastrite, déformation biloculaire gênant le passage du tube d'Einhorn. Arch. mal. app. digest., Par., 1925, 15: 1035-8.—**Berghausen, O.** Medical treatment of chronic cholecystitis. Ohio M. J., 1938, 34: 646-8.—**Binet, M. E.** L'angiocholecystite chronique, affection locale ou maladie générale? Union méd. Canada, 1936, 65: 616-29.—**Braune, R.** Zur Behandlung der chronischen Cholecystitiden. Med. Welt, 1936, 10: 1043.—**Brulé, M.** Sur le diagnostic précoce des cholecystites chroniques. Rev. prat. mal. pays chauds, 1938, 18: 157-68. Also Dia méd., B. Air., 1939, 11: 934-6.—**Buizard, C.** Sur 2 symptômes des cholecystites chroniques. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 343-6.—**Buzzi, A., & Lascano-Gonzalez, J. M.** Cholecystite chronique avec adénome. Ann. anat. path., Par., 1930, 943-8.—**Cain, A.** Le diagnostic des cholecystites chroniques non lithiasiques. Bull. méd., Par., 1937, 51: 207-9.—**Carrie, P. A.** Syndromes gastriques et syndromes intestinaux dans les cholecystites chroniques. Ibid., 1927, 41: 113-8.—**Carvalhoes, P.** Les cholecistites chroniques A. Danes. Rev. gastroenter., S. Paulo, 1939, 2: 145-50.—**Cassidy, G. H.** The etiology and treatment of chronic cholecystitis. Tristate M. J., 1934-35, 7: 1454-9.—**Cawadias, A. P.** Treatment of chronic cholecystitis. Med. Press & Circ., Lond., 1935, 190: 542-5.—**Chabrol, E., & Bussan, A.** L'ictère latent des cholecystites chroniques, son intérêt diagnostique et thérapeutique.

Presse méd., 1934, 42: 228-31.—**Cheney, W. F.** Chronic cholecystitis. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 9: 193-208.—**Chernogubov, B. A.** [On the question of the so-called chronic cholecystitis; vegetative affection; its cholecystic form] Ter. arkh., 1938, 16: 401-16.—**Chiray, M., Albot, G., & Malinsky, A.** Ictère hépatolytique prolongé et aggravé au cours d'une cholecystite chronique non lithiasique. Ann. anat. path., Par., 1936, 13: 843-8.—**Chiray, M., Marcotte, A., & Le Canuet, R.** Le traitement médical des cholecystites chroniques. Presse méd., 1934, 42: 977-9.—**Chiray, M., Pavel, I., & Marie, J.** Pathogénie et traitement de la cholecystite chronique non-lithiasique. Ibid., 1926, 34: 1281-3.—**Cole, W. H.** Chronic cholecystitis; present medical and surgical status. J. Michigan M. Soc., 1940, 39: 173-9.—**Common** germs blamed for chronic gall bladder disease; clearing up of infection in teeth and throats is important part of treatment not formerly realized. Science News Lett., 1938, 33: 351.—**Coro del Pozo, A., & Baldor, J.** Colecistitis cronica con hematemesis. Vida nueva, Habana, 1929, 23: 80-2.—**Dassen, R.** El error de diagnóstico en la colecistitis crónica considerado desde el punto de vista de la semiología práctica. Sem. méd., B. Air., 1930, 37: pt 2, 397-410.—**Dazé, F., & Lemieux, J. E.** Un cas de cholecystite chronique avec troubles nerveux fonctionnels. J. Hôtel Dieu Montréal, 1939, 8: 146-56.—**Dodd, H.** The toxic syndrome of chronic cholecystitis. Tr. M. Soc. London, 1932, 55: 140.—**Donaldson, R. D.** Gastric secretion as related to chronic cholecystitis. Pennsylvania M. J., 1938-39, 42: 1058-60.—**Drouineau, J.** Le traitement médical des cholecystites chroniques. J. méd. chir., Par., 1938, 109: 604-11.—**Faroy, G.** Les hépatites des cholecystites chroniques. Rev. crit. path., Par., 1931, 1: 723-32.—**Gálíndez, A., & Delrio, J. M. A.** Relación entre las formas clínicas y anatomopatológicas en la colecistitis crónica. Prensa méd. argent., 1930-31, 17: 1754-63.—**Gaston-Durand & Binet, M. E.** Les typhlo-cholecystites chroniques. Presse méd., 1925, 33: 284-6.—**Gerstein, A. F., & Reiderman, I. A.** [Chronic abdominal pains in children; angiocholecystitis in children] Sovet. pediatri., 1934, No. 12, 28-36.—**Graves, G. Y.** The pathology and physiology of chronic cholecystitis as a basis for diagnosis and treatment. Kentucky M. J., 1932, 30: 308-14.—**Hagyard, C. E.** Chronic cholecystitis. Northwest M., 1930, 29: 230-5.—**Illingworth, C. F. W.** Chronic cholecystitis. Med. Press & Circ., Lond., 1939, 201: 162-4.—**Immerman, S. L.** The symptoms of non-calculous cholecystitis in the absence of colic: the syndrome of chronic cholecystitis. Ann. Surg., 1933, 98: 354-8.—**Jones, L. W., & Palmer, D. L.** Observations upon chronic cholecystitis; with special reference to motor disturbances of the gastrointestinal tract in relation to pre-operative and postoperative symptoms. Am. J. M. Sc., 1930, 180: 531-47.—**King, E. S. J.** A peculiar form of chronic cholecystitis. J. Coll. Surgeons Australasia, 1929-30, 2: 265-8.—**Epithelial proliferation and metaplasia in chronic cholecystitis. Ibid., 1930, 3: 245-56.**—**Levy, M. D.** The etiology and diagnosis of chronic cholecystitis. Med. Rec., S. Ant., 1930, 24: 629-31.—**McCarty, F. B.** The management of chronic cholecystitis. Am. J. Surg., 1927, n. ser., 3: 564-72.—**Machline, E., Grigorenko, V., & Gorbounova, Z.** A propos de 2 méthodes personnelles de traitement des cholecystites chroniques. Presse méd., 1935, 43: 1708-10.—**Madrid, A.** El polimorfismo de las colecistitis crónicas. Rev. As. méd. mex., 1926, 5: 1532-47.—**Magner, W.** Chronic cholecystitis. S. Michael Hosp. M. Bull., Toronto, 1927-28, 3: 46-55. Also Canad. M. Ass. J., 1928, 18: 155-60.—**Maksimadzi, S. O.** [Extract of Fl. Gnaphalii arenarii as a remedy in chronic cholecystitis] Klin. med., Moskva, 1940, 18: No. 2, 135-7.—**Martynova, V. F.** [Comparative value and importance of pain in chronic cholecystitis] Vrach. delo, 1931, 14: 560-2.—**Mason, J. T.** Late results of surgical and medical treatment of chronic cholecystitis. Tr. Am. Surg. Ass., 1931, 49: 367-74. Also Ann. Surg., 1931, 94: 786-93.—**Minet, J.** L'avenir des cholecystites chroniques traitées par l'hexaméthylènetétramine en injections intraveineuses. Rev. méd. chir. mal. foie, 1929, 4: 234-53. Also J. méd. fr., 1930, 19: 354-6.—**Mitrani, M. M.** La colecistectomía en el tratamiento de las colecistitis crónicas no calculosas. Vida nueva, Habana, 1934, 33: 459-76. ch.—**Norman, J. P.** The medical management of chronic cholecystitis. Med. Rec., N. Y., 1939, 149: 267.—**Olech, I. Y.** Chronic cholecystitis; an analysis of 10 cases diagnosed with cholecystography and treated by cholecystectomy, in which the end results were investigated. Am. J. M. Sc., 1927, 173: 368-74.—**Reid, W. L.** Diagnosis and treatment of chronic cholecystitis. Southwest M., 1936, 20: 426-9.—**Rutkevich, K. M.** [Diagnosis of chronic cholecystitis] Russ. klin., 1928, 10: 90-5. Also Arch. mal. app. digest., Par., 1928, 18: 607-16.—**Sabatini, G.** Considerazioni cliniche sulle colecistiti croniche non calcicolese. Gazz. med. ital., 1939, 98: 105-9.—**Singleton, A. O.** Chronic cholecystitis. Tristate M. J., 1938-39, 11: 2173.—**Stevenson, H.** The role of chronic cholecystitis in the production of indigestion. Ulster M. J., 1935, 4: 211-4.—**Tratamiento de la colecistitis crónica. Dia méd., B. Air., 1933-34, 6: 492.**—**Voinov, I. I.** [Etiology and vaccination therapy of chronic cholecystitis] Vrach. gaz., 1930, 34: 870-6.—**Wilkinson, S. A.** Chronic cholecystitis versus irritable colon. J. Am. M. Ass., 1937, 109: 1012-6.—**Womack, N. A.** Pathologic changes in chronic cholecystitis and the production of symptoms. Surgery, 1938, 4: 847-55.—**Young, E. L., jr.** The end results of chronic cholecystitis. Tr. N. England Surg. Soc., 1928, 10: 168-83. Also N. England J. M., 1928, 198: 729-34.

Inflammation: Complication.

MORGNER, W. O. R. *Ueber die Perforation der entzündlich veränderten Gallenblase in die Bauchdecken [Leipzig] 22p. 8° Oschatz, 1925.

Baumgarten, W. The relationship between cholecystitis and the persistence of duodenal ulcer. Med. Clin. N. America, 1927, 11: 473-8.—Bernhard, F. Hyperglykämie und Glykourie bei Pankreasschädigung infolge Gallenblasenentzündung. Beitr. klin. Chir., 1928, 144: 158-60.—Bettman, R. B., & Binswanger, H. F. Cholecystitis associated with situs transversus; report of a case and a brief review of those found in medical literature. Am. J. M. Sc., 1926, 172: 570-3, 2 pl.—Bruce, H. A. Association of cholecystitis with duodenal ulcer. Ann. Surg., 1926, 84: 387-91.—Buizard, C. Vésicule biliaire et infections intestinales. J. méd. Paris, 1928, 47: 659.—Caeiro, J. A. Colecistitis perforadas. Arch. argent. enferm. ap. digest., 1937-38, 13: 176-86.—Carli, C. L'accesso subfrenico extraperitoneale nella colecistite. Policlinico, 1937, 44: sez. chir., 501-10.—Chebotareva, A. I. [Obstruction of the ascending large intestine due to chronic, ulcerous cholecystitis] Khirurgia, Moskva, 1937, No. 8, 143.—Cignozzi, O. Le stenosi duodeno-piloriche estrinseche di origine colecistica. Riforma med., 1925, 41: 844-8.—Collins, A. N. Cholecystitis associated with diabetes. Tr. West. Surg. Ass. (1928) 1929, 38: 383-96.—Colp, H., Gerber, I. E., & Doubilet, H. Acute cholecystitis associated with pancreatic reflux. Ann. Surg., 1936, 103: 67-76.—Csongrády, S. [Perforation in cholecystitis] Bratisl. lek. listy, 1937, 17: 657-63.—Deaver, J. B., & Burden, V. G. The surgical management of the complications of cholecystitis. Ann. Surg., 1926, 84: 379-86.—DeCourcy, J. L. Gastric hemorrhage associated with cholecystitis. J. Med., Cincin., 1926-27, 7: 613.—Desjardes & Corajod. Abcès pelvien au cours d'une cholecystite aiguë. Lyon méd., 1933, 152: 714-6.—Doerfler, H. Ein Fall von tödlicher Embolie nach Abtastung der entzündeten Gallenblase. In his Für Praxis, Münch., 1938, 2: 148.—Donovan, R. E., & Aguirre, A. C. Córteo-hepatitis y colecistitis altísimas (seudotuberculosis). Bol. Soc. cir. B. Aires, 1937, 21: 492-501.—Doré, G. R., & Larchant, F. Hyperazotémie curable, peut-être extra-rénale, par stase duodénale possible, au cours d'une cholecystite aiguë apyrétique. Bull. Soc. méd. hóp. Paris, 1937, 3. ser., 53: 1293-7.—Eliashov, A. I. [Typhlocholecystitis] Sovet. klin., 1931, 16: 331.—Eliason, E. L. Perforation in acute cholecystitis. Ann. Surg., 1935, 101: 797.—Eise, J. E. Complications of cholecystitis. Med. Sentinel, 1929, 37: 276-83.—Fabritius, W. Spontanperforation bei Cholecystitis sine concremento. Wien. med. Wschr., 1925, 75: 2580.—Galli, G. Ricerche sulle infezioni focali; infezione focale e colecistite. Boll. Ist. sieroter. milan., 1935, 14: 947-53.—Garre, E. S. Coleperitônio, apendicitis y colecistitis altísimas sin perforación visible de las vías biliares. Bol. Soc. cir. B. Aires, 1928, 12: 274-6.—Gaston-Durand. La tifo-cholecistitis y las indicaciones de su tratamiento médico y quirúrgico. Arch. med., Madr., 1929, 30: 621-5.—Gubern Salisachs, L., & Pons Tortella, E. Absceso de la fosa ilíaca izquierda de origen vesicular. Rev. cir. Barcelona, 1931, 2: 131-5.—Hartung, E. F., & Steinbrocker, O. Gall-bladder infection and arthritis. Am. J. M. Sc., 1932, 184: 711-6.—Haug, H., & Wöhrmann. Diabetes bei und nach Gallenblasenentzündungen. Deut. med. Wschr., 1929, 55: 1217-9.—Hotz, R. Perforated cholecystitis. Am. J. Surg., 1939, 44: 706-11.—Irgar, J. M., & Dragun, B. G. Appendicitis and Cholecystitis. Arch. klin. Chir., 1927-28, 149: 402-8.—Joekes, T. The gall-bladder as a site of focal sepsis. Postgrad. M. J., Lond., 1940, 16: 42-50.—Johannessen, C. [Acute cholecystitis without stone, with spontaneous perforation of gallbladder] Norsk mag. laegevid., 1927, 83: 593-7.—Judd, E. S., & Phillips, J. R. Perforation of the gall-bladder in acute cholecystitis. Ann. Surg., 1933, 98: 359-61.—Laird, E. G. The co-incidence of cholecystitis and peptic ulcer. N. England J. M., 1935, 213: 764-7.—La Torre, M. Le affezioni del colon prossimale nelle colecistiti. Policlinico, 1925, 32: sez. med., 622-32.—Mazzacava, G. Contributo clinico allo studio delle perigastro-duodeniti da colecistite. Ibid., 1930, 37: sez. chir., 382-99.—Mogena, H. Hepatitis y colecistitis. Dia méd., B. Air., 1933-34, 6: 129.—Nassau, C. F. Chronic cholecystitis and wandering kidney. Surg. Clin. N. America, 1934, 14: 19-21.—Newton, A. Cholecystitis and its complications. Med. J. Australia, 1927, 1: 69-78, 4 pl.—Nordmann, O. Zusammenhänge zwischen akuter Cholecystitis und Pankreatitis. Deut. med. Wschr., 1921, 47: 644.—Ostrovsky, M. B. [Case of perforative cholecystitis] Radianska med., 1939, 4: No. 3, 55.—Piaggio Blanco, R. A., & Piaggio Blanco, R. O. Colecistitis agudas con hepatitis y azoemia extrarenal. Arch. urug. med., 1934, 4: 470-7.—Poenaru-Caplesco, C. Cholecystite et appendicite; appendicetomie, guérison. Rev. chir., Bucur., 1937, 40: 72.—Puestow, C. B., & Morrison, R. B. The relationship of cholecystitis and cholecystectomy to dilatation of the choledochus. In Surgery (Ravdin, I. S.) Phila., 1935, 599-602.—Ricci, F. Considerazioni sopra un caso di stenosi pilorica da colecistite. Riforma med., 1927, 43: 819-21.—Rusk, H. A., & Neber, E. N. Rupture of the gallbladder without associated cholecystitis. J. Am. M. Ass., 1938, 110: 1826.—Sbrozzi, M. Contributo alla chirurgia delle vie biliari: la colecisto-appendicite cronica. Ann. ital. chir., 1926, 5: 1065-72. Also Arch. Soc. ital. chir. (1926) 1927, 33: 520-7.—Schwartz, M., & Herman, A. The association of cholecystitis with cardiac affections; a study based on 109 cases. Ann. Int. M., 1930-31, 4: 783-94.—Sciuti, M. Colecistite e malattie mentali. Riv. sper. freniat., 1937, 61: 1153.—Sveins-

son, J. Ein Fall von Cholecystitis und Appendicitis gangraenosa perforativa. Zbl. Chir., 1929, 56: 1750.—Vila, E. L., & Nuñez, G. F. Colecistitis aguda; perforación de la vesícula biliar; peritonitis. Sem. méd., B. Air., 1926, 33: pt 2, 1627-9.—Wilkie, D. P. D. The gall-bladder in relation to focal infection. Brit. M. J., 1929, 2: 37.—Willius, F. A., & Fitzpatrick, J. M. The relationship of chronic infection of the gall-bladder to disease of the cardio-vascular system. J. Iowa M. Soc., 1925, 15: 589-92.—Woolf, A. E. M. Cholecystitis and calcified suppurating hydatid cyst of the liver. Tr. M. Soc. London, 1925-27, 49: 81-3.

Inflammation: Diagnosis.

Bain, W. The diagnosis and treatment of subacute cholecystitis. Lancet, Lond., 1929, 1: 495.—Barenghi, G. Il valore diagnostico del sondaggio duodenale nelle colecistiti non calciose. Gazz. med. ital., 1939, 98: 118-22.—Bárony, T. [Fold of the gall-bladder caused by cholecystitis] Orv. hetil., 1929, 73: 149-52.—Bronner, H., & Schüller, J. Cholecystitis und negativer cholecystographischer Schatten; eine experimentelle Studie unter besonderer Berücksichtigung der Gallenblasenresorption. Klin. Wschr., 1930, 9: 1625-8.—Buchbinder, J. R. Diagnostic problems of early cholecystitis. Surg. Clin. N. America, 1927, 7: 795-9.—Chiray, M., Pavel, L., & Lomon, A. Valeur relative de la cholecystographie et de l'épreuve d'excrétion vésiculaire provoquée dans le diagnostic des cholecystites. Presse méd., 1935, 43: 1265-7.—Cignolini, P. Radiodiagnostica delle colecistiti non calciose. Gazz. med. ital., 1939, 98: 122-5.—Cole, P. F. X-ray examination in determining gall-bladder infection. Radiol. Rev., 1930, 52: 219-23.—Delbet. Les cholecystites et l'exploration fonctionnelle des voies biliaires. Rev. gén. clin. théér., 1926, 40: 340.—Dworak, H. Cholecystitis, Cholelithiasis und Appendicitis. M.-chir. Geburtsh. Gyn., 1937, 105: 47-53.—Ehmark, E. Urobilinuria as a test of the liver function in acute cholecystitis. Acta chir. scand., 1936, 78: 251.—Giordano, D. Per la conoscenza delle colecistiti: malattie che le complicano o le simulano. Riforma med., 1928, 44: 1581. ——— Supposizioni in occasione di un caso di cancro del fegato scambiato per colecistite. Ibid., 1929, 45: 179-81.—González Campo, J. Diagnóstico diferencial entre la colecistitis y las úlceras del estómago y del duodeno. Arch. med., Madr., 1929, 31: 424-32. Also Rev. españ. med., 1929, 12: 748-55.—Graham, E. A. Le diagnostic des cholecystites et le mécanisme de vidage de la vésicule biliaire. Rev. méd. fr., 1927, 8: 119-27, 4 pl.—Gutmann, R. A. Quelle est la valeur de la cholecystographie pour l'étude des cholecystites? Presse méd., 1928, 36: 756-9.—Hadjès, A. Un cas de cholecystite aiguë et d'hépatite syphilitique associées; valeur diagnostique et thérapeutique du tubage duodénal. Rev. gén. clin. théér., 1926, 40: 568.—Hoffmann, V. Ueber larvierte (rezidivierende) Cholecystitis sine concremento. Beitr. klin. Chir., 1927, 139: 507-16.—Jacquet, P., & Thieffry, S. Cholecystitis masquées et colibacilliose. Presse méd., 1935, 43: 625.—Krecke, A. Die Untersuchung der Kranken mit Gallenblasenentzündung. Münch. med. Wschr., 1933, 80: 1280-3.—Laschi, G., & Rusconi, M. I vecchi segni della colecistite alla luce della colecistografia. Arch. radiol., Nap., 1928, 4: 497-509.—Lawson, J. D. The relative values of cholecystography and gastrointestinal series in the diagnosis of cholecystitis. Am. J. Roentg., 1927, n. ser., 18: 249-53.—Leb, A. Die gefährdete Dichte des cholecystographischen Gallenblasenschattens als Symptom der Gallenblasenentzündung. Fortsch. Röntgenstrahl., 1937, 56: Tagungsh., Beih. 2, 45-9.—Ledoux-Lerard, R., & Garcia-Calderon, J. Radiodiagnostic de la cholecystite non lithiasique et de la péricholecystite. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 484-93.—Liedberg, N. [Sedimentation reaction in acute cholecystitis] Hygiea, Stockh., 1933, 95: 280-2. Also Chirurg, 1934, 6: 578-81.—McClure, C. W. Diagnosis of peptic ulcer and cholecystitis. Med. Clin. N. America, 1924-25, 8: 1753-63.—McClure, R. D. The diagnosis and treatment of cholecystitis. J. Michigan M. Soc. 1939, 38: 1035-44.—McWhirter, R., & Gillespie, H. W. Discussion on cholecystitis. Proc. R. Soc. M., Lond., 1939-40, 33: Sect. Radiol., 315-22.—Malda, G. M. Formas disfrazadas de las colecistitis. Rev. méd. cubana, 1929, 40: 437-41.—Mielke, E. F. The diagnosis of cholecystitis. Wisconsin M. J., 1927, 26: 507-10.—Mitrani, M. M., & Fernández, D. A propósito del diagnóstico radiológico de las colecistitis no calciosas. Vida nueva, Habana, 1935, 35: 291-4, 9 pl.—Nemours-Auguste. Sur le diagnostic radiologique de la cholecystite non calculeuse et de la péricholecystite par la cholecystographie. Presse méd., 1930, 38: 469.—Podestà, V. L'indagine radiologica nelle sindromi tifo-duodenale-colecistiche. Arch. radiol., Nap., 1929, 5: 692-744.—Polacco, E. La importancia del sondeo duodenal en los colecistiticos. Rev. cir., B. Air., 1931, 10: 141-51.—Popescu Urlueni, M., & Ionescu Movila, V. [Cholecystography and duodenal intubation in diagnosis of cholecystitis] Rev. chir., Bucur., 1938, 41: 17-23.—Prokofiev, N. N. [Diagnostic significance of duodenal examination in cholecystitis] Vest. khir., 1937, 52: No. 7, 95-100.—Reynolds, H. W. Cholecystitis and cholecystogram. J. M. Ass. S. Africa, 1930, 4: 375.—Roch. Cholecystite non calculeuse ou rhumatisme vertébral? Presse méd., 1937, 45: 1533.—Sardana, M. N. Unsuspected cholecystitis. Ind. M. Gaz., 1934, 69: 81.—Skvirsky, P. [Differential diagnosis of cholecystitis] Vrach, gaz., 1927, 31: 1417-9.—Smith, H. Cholecystitis and cholecystography. Mil. Surgeon, 1930, 67: 929-32.—Valkányi, R. Cholecystitis vortäuschender Echinkokkus. Wien. klin. Wschr., 1935, 48: 592-4.—Walter &

Chioni [Leucocyte reaction in cholecystitis] Rev. st. med., Bucur., 1934, 23: 263-72.—Zink, O. C. A clinical study of cholecystitis with the aid of cholecystography. Radiology, 1926, 6: 286-91.

Inflammation: Etiology.

ALBEAUX FERNET, M. C. *Contribution à l'étude des cholecystites toxiques. 180p. 8° Par., 1935.

Amerting, K. [Endotoxic cholecystitis] Cas. lék. česk., 1935, 74: 1397; 1435; 1459. Also Arch. mal. app. digest., Par., 1937, 27: 248-65.—Andrews, E., & Aronsohn, H. G. Possible chemical cholecystitis. Proc. Inst. M. Chicago, 1936-37, 11: 140.—Andrews, E., & Hrdina, L. Hepatogenous cholecystitis. Tr. West. Surg. Ass. (1930) 1931, 40: 379-404. Also Arch. Surg., 1931, 23: 201-14. Also repr.—Antoniazzi, E. Sulla etiologia e patogenesi delle colecistiti. Pathologia, Genova, 1930, 22: 72-8.—Aronsohn, H. G., & Andrews, E. Studies on non-bacterial cholecystitis; protein injection into gall-bladder and reaction of gall-bladder in anaphylaxis. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1631-4. —Bile salt cholecystitis. Ibid., 1935-36, 33: 87-9.—Bendandi, G. Colecisti e apparato genitale femminile; colecistite e gravidanza. Riv. ital. gin., 1937, 20: 517-43.—Biehl. Traumatiche Cholecystitis. Zbl. Chir., 1939, 66: 2164-6.—Brams, J., & Darnbacher, L. The effect of X-rays on the gall-bladder; experimental production of an X-ray cholecystitis. Radiology, 1929, 13: 103-8.—Brulé, M., & Garban, H. Les hépatites et les cholecystites d'origine intestinale. Presse méd., 1923, 31: 205-7.—Büdingen, K. Die Cholecystitis mechanica als Folge von Entwicklungsfehlern der Gallenblase. Wien. klin. Wschr., 1929, 42: 477-81.—Chabrol, E. Les cholecystites abusives. Progr. méd., 1938, 875-80.—Fieissinger, N., & Albeaux-Fernet, M. Les cholecystites toxiques. Presse méd., 1935, 43: 521-4.—Flörcken, H. Ueber akute Entzündung der Gallenblase nach Magenresektionen. Beitr. klin. Chir., 1925, 134: 527-9.—Fogliani, U. Sulla patogenesi della colecistite filtrante. Boll. Soc. med. chir. Modena, 1934, 34: 290-309.—Glinchikov, V. I. [Symptomatic cholecystitis] Vrach. gaz., 1930, 34: 830-4.—Griffith, J. P., & Kipp, H. A. Remarks on the etiology and treatment of cholecystitis. Pennsylvania M. J., 1932, 35: 362-7.—Hépatites et cholecystites d'origine intestinale. Monde méd., 1923, 33: 563-5.—Ivanov, L. M. [Etiology and pathogenesis of benign cholecystitis and duodenitis] Klin. med., Moskva, 1930, 8: 1221-30.—Korhov, A. P. [Obscure malarial conditions as cause of cholecystitis] Omsky med. J., 1927, 2: 30-6.—Koster, H. Cholecystitis during pregnancy. Med. J. & Rec., 1925, 122: 587-9.—Macaggi, G. B. Contributo clinico allo studio delle colecistiti da malformazione. Policlinico, 1929, 36: sez. chir., 433-44.—Moench, G. L. Cholecystitis in gynecologic patients. Clin. M. & S., 1935, 42: 340.—Mussio Fournier, J. C., Bertolini, A. [et al.] Cholecystite aiguë pré-typhoïdique. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 960-2.—Norsa, G. Colecistiti tossiche e da colibacillo. Gazz. osp., 1935, 56: 929-32.—Parturier, G. La cholecystite traumatique existe-t-elle? Presse méd., 1930, 38: 1173-5.—Ritter, C. Die Entstehung der Gallenblasenentzündung. Beitr. klin. Chir., 1936, 163: 130-8.—Rutherford, R. An unusual route of infection in cholecystitis. Lancet, Lond., 1930, 2: 351.—Strausz, L. Cholecystitis luetica. Wien. klin. Wschr., 1929, 42: 269-71.—Vilardelli, J. Zur Pathogenese der Cholecystitis (die Rolle der Hepatitis) Arch. Verdauungskr. 1932, 51: 207-26.—Wilkie, D. P. D. The etiology of gall-bladder infections. Proc. Interst. Postgrad. M. Ass. N. America (1929) 1930, 5: 373. —Discussion on the etiology of gall-bladder infection. Tr. M. Soc. London, 1930, 53: 105-21. Also Med. Press & Circ., Lond., 1930, 129: 107.

Inflammation, experimental.

Andrews, E., & Hrdina, L. Experimental hepatogenous cholecystitis. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 116.—Aronsohn, H. G., & Andrews, E. Studies on non-bacterial cholecystitis; a non-traumatizing technique for study of chemical cholecystitis. Ibid., 1934-35, 32: 1629-31. —Experimental cholecystitis. Surg. Gyn. Obst., 1938, 66: 748-68.—Barber, W. H. Hyperglycaemia following experimental cholecystitis. Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 101-4.—Darnbacher, L., & Sacks, J. The effect of experimental cholecystitis on the concentrating function of the gall-bladder. Radiology, 1931, 17: 53-41.—Donati, D. Studio sul comportamento della colecisti del coniglio in seguito alla introduzione di calcoli di catrame cancerigeno. Ann. ital. chir., 1937, 16: 41-52.—Gory, Dalsace [et al.] Anatomie pathologique de la cholecystite expérimentale. Ann. anat. path., Par., 1927, 4: 207-11.—Lombardi, R. Colecistiti acute sperimentali. Ann. ital. chir., 1933, 12: 1147-58.—Magner, W., & Hutcheson, J. M. Cholecystitis; a bacteriological and experimental study. Canad. M. Ass. J., 1932, 27: 469-77.—Meyer, K., & Löwenberg, W. Ueber experimentelle Enterokokkeninfektion der Gallenblase. Zschr. ges. exp. Med., 1926, 51: 81-90.—Morone, G. Colecistiti micotiche sperimentali. Arch. ital. chir., 1930-31, 26: 109-68.—Murphy, G. T. The effect of acute experimental cholecystitis on the emptying of the gallbladder. Proc. Mayo Clin., 1929, 4: 198. Also Arch. Surg., 1930, 21: 300-12. Also repr. —Bollman, J. L. The concentrating activity of bile in the gall-bladder following restoration from acute experimental cholecystitis. Surg. Clin. N. America, 1931, 11:

917-9.—Murphy, G. T., & Higgins, G. M. The emptying of the gallbladder following restoration from acute experimental cholecystitis. Arch. Surg., 1930, 20: 756-61. Also repr.—Patey, D. H., & Whitby, L. E. H. The paths of gall-bladder infection: an experimental study. Brit. J. Surg., 1933, 20: 580-601.—Prussia, G. Le alterazioni istologiche del fegato nelle colecistiti sperimentali da Oidium. Pathologica, Genova, 1935, 27: 470-7.—Rehfuss, M. E., & Nelson, G. M. The problem of infection in gall-bladder disease with a report on the experimental production of cholecystitis. Am. J. Digest. Dis., 1934-35, 1: 759-68.—Sterling, J. A. Agglutinins in the serum and bile of dogs following cholecystitis produced by injections of typhoid bacilli. Surgery, 1939, 5: 663-9.—Stulz, E., & Bauer, R. Recherches expérimentales sur le rôle possible du suc pancréatique dans la production de certaines cholecystites aiguës. Presse méd., 1933, 41: 1928.—Zeze, M. Ueber die bakteriologische Bedeutung der Galle und die experimentelle Erzeugung der Cholecystitis. Fukuoka acta med., 1930, 23: 43-5.

Inflammation: Manifestations.

GOURDET, A. *La crise douloureuse hépatobiliaire; sa signification et ses rapports avec la cholecystite. 154p. 8° Par., 1935.

Anginal attacks with gallbladder infection. J. Am. M. Ass., 1935, 105: 1704.—Baccarani, U. Una particolare reazione colica da colecistite acuta; il riflesso colecistico-colico. Riforma med., 1934, 50: 801-3.—Berezkin, P. [Phrenic phenomenon as indication of cholecystitis] Klin. med., Moskva, 1927, 5: 665-75.—Carmalt-Jones, D. W. Tender rib-cartilage as a sign of cholecystitis. Lancet, Lond., 1932, 1: 615.—Cintra do Prado, F. A dor na cholecystite. Ann. paul. med. cir., 1934, 28: 447; 561.—Dever, F. J. Symptomatology of cholecystitis. Atlantic M. J., 1925-26, 29: 143-5.—Doumer, E. Les réactions douloureuses précordiales dans les cholecystites. Echo méd. nord, 1934, 3. ser., 1: 286-96.—Forrai, E. Signes d'insuffisance hépatique au cours des cholecystites chroniques larvées. C. rend. Congr. internat. insuff. hépat., 1937, 1. Congr., 438-41.—Gisselbrecht. Les douleurs de l'hypocondre gauche dans les cholecystites. Gaz. méd. France, 1938, 45: gastr. suppl., No. 21, 8-10.—Grasso, R. Stati anemici del tipo ipocromico nei colecistiti. Arch. ital. chir., 1935, 39: 813. Also Arch. Soc. ital. chir., 1935, 41: 527-34.—Guillaume, A. C. La douleur limitée sacro-lombaire et la cholecystite. Arch. mal. app. digest., Par., 1935, 25: 951-3.—Jahiel, M. Crises de foie et cholecystites. Presse méd., 1937, 45: 78.—Langeron, L. Cholecystite subaiguë à forme angineuse. Bull. Soc. méd. hôp. Paris, 1934, 3. ser., 50: 407.—Marini, G. Sulle varie localizzazioni del dolore nella colecistite. Med. prat., Nap., 1925, 10: 416-23.—Mentzer, S. H. The acute gall-bladder manifesting few signs or symptoms. Surg. Gyn. Obst., 1932, 55: 709-16.—Mostkov, A. I. [Diagnostic value of Skvirsky's paravertebral symptom in cholecystitis] Klin. med., Moskva, 1929, 7: 29-35.—Parasini, G. Lo zolfo neutro nelle urine dei colecistiti. Rass. clin. ter., 1934, 33: 187-204.—Parturier, G., & Felstein, R. Retentissement appendiculaire des cholecystites. J. méd. fr., 1932, 21: 181-7.—Ramond, F., & Chêne, P. Quelques irradiations douloureuses peu connues au cours des cholecystites. Presse méd., 1929, 37: 813.—Ritter, C. Zur Entstehung des Schmerzes bei der Gallenblasenentzündung. Beitr. klin. Chir., 1935, 161: 1-7.—Ryan, W. J. Diagnosis and differential diagnosis of diseases of the gall-bladder; symptoms and signs of cholecystitis. Surg. Clin. N. America, 1934, 14: 185-97.—Schaverdova, F. A. [Frequency of symptom of Mussy in cholecystitis] Vrach. gaz., 1926, 30: 434.—Szilard, Z. Quelques signes nouveaux se rapportant au diagnostic des cholecystites. C. rend. Congr. internat. insuff. hépat., 1937, 1. Congr., 466-9.—Wodnon-Dufrane, R. Les réactions pyloro-duodénales dans les cholecystites. Arch. mal. app. digest., Par., 1929, 19: 122.—Young, R. E. S. Symptomatology of infectious gallbladder disease. Ohio M. J., 1939, 35: 727-9.

Inflammation: Pathology.

CHARTIER, L. P. M. *La périduodéno-cholecystite; contribution à l'étude des péri-viscérités du carrefour sous-hépatique. 115p. 8° Par., 1925.

Alvarez, H. Colecistitis discante exfoliativa. Arch. urug. med., 1937, 11: 464-72.—Cavarzere, E. Alterazioni istologiche della vescicella biliare nelle colecistiti. Minerva med., Tor., 1934, 25: pt 2, 606-11.—Cogniaux. Les lésions hépatiques au cours de la cholecystite. Arch. mal. app. digest., Par., 1932, 22: 1014.—Colp, R., Douillet, H., & Gerber, I. E. The relation of cholecystitis to pathologic changes in the liver. Ann. Surg., 1935, 102: 202-17.—Dimitriu, V., Teodorescu, M., & Grigorescu, I. [Acute hemorrhagic cholecystitis] Spitalul, 1930, 50: 263-7.—Dóczy [Cholecystitis dissecans] Gyógyászat, 1938, 78: 552.—Dominici, L. Le alterazioni del parenchima epatico nelle colecistiti acute. Arch. Soc. ital. chir. (1923) 1924, 30: 379-89.—Donati, G. S., & Barbieri, D. Studi sulle colecistiti. Boll. Soc. med. chir., Pavia, 1937, 51: 829-903.—Dónovan, R., & Pierini, A. Tres nuevas observaciones de colecistitis filtrantes. Bol. Soc. cir. B. Aires, 1938, 22: 791-800.—Else, J. E., Rosenblatt, M. S., & Geyer, A. B. Further studies in the relationship of hepatitis to cholecystitis. Northwest M., 1931, 30: 209-13.—

Fabre, P. C. A propos d'un cas de cholécystite aiguë. *Ann. anat. path.*, Par., 1934, 11: 866-8.—**Fabris, U.** Contributo allo studio della colelitite poliposa. *Gazz. internaz. med. chir.*, 1925, 30: 271-3.—**Feinblatt, H. M.** The infrequency of primary infection in gallbladder disease; a study of 400 gallbladders removed at operation. *N. England J. M.*, 1928, 199: 1073-8. Also *Tr. Am. Gastroenter. Ass.* (1928) 1929, 31: 203-7.—**Gallassi, A.** Considerazioni sui rapporti fra appendicite, colelitite ed ulcera gastrica e duodenale (osservazioni cliniche e sperimentali) *Arch. ital. chir.*, 1928, 22: 385-418.—**Genkin, I.** Pathologisch-anatomische Veränderungen in Leber und Gallenblase bei chronischer Cholezystitis ohne Steine. *Arch. klin. chir.*, 1927, 144: 752-66.—**Goni Moreno, I.** Colelititis filtrante; una nueva observación. *Bol. Soc. cir. B. Aires*, 1933, 22: 704-12. Also *Dña méd.*, B. Air., 1939, 11: 559-61.—**Goumain & Poinot.** Une forme rare de cholécystite aiguë: l'hémocholécyste. *Bordeaux chir.*, 1939, 10: 169-74.—**Hustin, A.** Cholécystite et hémorragies vésiculaires récidivantes. *Bull. Soc. méd. hôp. Paris*, 1932, 3. ser., 48: 1190-4.—**Hingworth, C. F. W.** Types of gall-bladder infection; a study of 100 operated cases. *Brit. J. Surg.*, 1927-28, 15: 221-8.—**Irwin, F. G.** Unusual types of cholecystitis; a consideration of unusual gallbladder cases seen at the Presbyterian Hospital during the past 3 years. *Bol. As. méd. Puerto Rico*, 1936, 28: 109-13.—**King, E. S. J.** The surgical significance of epithelial proliferation in cholecystitis. *Melbourne Hosp. Clin. Rep.*, 1934, 5: 60-4, 4 pl.—**MacCallum, P.** Cholecystitis glandularis proliferans (cystica) *Brit. J. Surg.*, 1931, 19: 310-23.—**Lawrence, K. B., & Warren, S.** Cholecystitis and hypertrophy of the muscularis of the gallbladder. *Arch. Path.*, Chic., 1938, 26: 449-55.—**Lehman, E. P.** Our changing conception of inflammatory disease of the gallbladder. *West Virginia M. J.*, 1931, 27: 145-53.—**Lombardi, R.** Colelititi acute e lesioni epatiche. *Ann. ital. chir.*, 1933, 12: 1509-16.—**Malda, G.** Formas disfrazadas de la colelititis. *Actas Congr. As. méd. panam.* (1928-29) 1930, 1. Congr., 159-67.—**Manzini, C.** Seröse oder plasmorrhagische Cholecystitis. *Zbl. allg. Path.*, 1939, 72: 359-60.—**Matthews, A. A.** Pathology and diagnosis of cholecystitis. *Northwest M.*, 1926, 25: 171-8.—**Mirotti, A.** La ipertrofia e la iperplasia della tonaca muscolare della coleciste nelle colelititi. *Arch. ital. chir.*, 1931-32, 30: 109-57.—**Pettinari, V.** Alterazioni epatiche nelle colelititi. *Arch. Soc. ital. chir.*, 1932, 38: 1011-4.—**Radice, L.** Contributo alla conoscenza delle colelititi filtranti. *Ann. ital. chir.*, 1933, 12: 303-14.—**Schmidheiny, M. L.** Ueber die Veränderungen des Gallenblasenbettes bei Cholelithiasis und Cholecystitis *Arch. klin. Chir.*, 1927-28, 149: 548-55.—**Schmidt, E. A.** Emphysematous cholecystitis and pericholecystitis. *Radiology*, 1938, 31: 423-7.—**Solomine, S. P.** [Cholecystitis and the respiratory organs; relation of the respiratory organs to the organs of the abdominal cavity] *Belaruss. med. misl.*, 1928, 4: 172-4.—**Vespignani, A.** La deformazione del ginocchio superiore del duodeno nella colelitite. *Atti Congr. ital. radiol. med.*, 1925, 6. Congr., 121. Also *Arch. ital. chir.*, 1927, 17: 361-70.—**Vilardell, J., & Corachan Llort, M.** Estudio histológico del hígado (por biopsia) en las colelititis y ulcus gastroduodenal. *Rev. méd. Barcelona*, 1932, 17: 225-36.—**Watkins, A.** Findings in a series of cases of cholecystitis. *J. Arkansas M. Soc.*, 1926-27, 23: 71-5.—**Watt, C. H.** Cholecystitis; an analysis of 100 cases. *J. M. Ass. Georgia*, 1935, 24: 41-3.

Inflammation: Physiopathology.

Montt Martínez, V. *Contribución al estudio de la colelititis; el quimismo y motilidad gástrica de esta afección [Univ. Chile] 38p. 8°. Santiago, 1925.

Aronsohn, H. G., & Andrews, E. Non-bacterial cholecystitis; the mechanism of acidification of bile in the gall-bladder. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 89-91.—**Cantarow, A.** Hepatic function; noncalculous and calculous cholecystitis. *Arch. Int. M.*, 1934, 54: 540-51.—**Chiray, M., & Marcotte, A.** Les sels biliaires de la bile au cours des cholécystites. *Bull. Soc. méd. hôp. Paris*, 1930, 3. ser., 46: 696-710.—**Eitel, H.** Die glykämische Kurve nach peroraler Glukosebelastung bei entzündlichen Erkrankungen der Gallenblase und der Gallenwege. *Deut. Zschr. Chir.*, 1930, 226: 368-75.—**Faroy, G., & Ferroir, J.** Les réactions duodénales des cholécystites. *Progr. méd.*, Par., 1936, 425-30.—**Lombardi, R.** Il pancreas nelle colelititi acute non calcolose. *Ann. ital. chir.*, 1934, 13: 64-70.—**Michetti, G.** L'apparato digerente nelle colelititi. *Gazz. med. ital.*, 1939, 98: 114-7.—**Olmer, J., & Benrekassa, R.** Recherches sur l'insuffisance pancréatique au cours des cholécystites chroniques. *C. rend. Soc. biol.*, 1933, 113: 102.—**Pérez Diaz, G., & Giménez, B.** El metabolismo basal en las colelititis crónicas. *Med. libera*, 1936, 30: pt 2, 216.—**Poli, E.** Sul comportamento della idrofilia tissulare e della massa di sangue nella colelitite e nell'ittero catarrale. *Clin. med. ital.*, 1936, 67: 641-52.—**Influenza del carico idrico sulla massa sanguinaria circolante in condizioni normali, nella colelitite e nell'ittero catarrale.** *Ibid.*, 803-15.—**Rosenberg, R. I.** [Changes in the acidity of the gastric juice in cholecystitis] *Klin. med.*, Moskov, 1936, 14: 661.—**Roversi, A. S., & Poli, E.** La funzionalità pancreatica nella colelitite. *Arch. stud. fisiopat. ricambio*, 1934, 2: 487-541.—**Scarpello, A.** La riserva alcalina nelle colelititi. *Ann. ital. chir.*, 1930, 9: 780-95.—**Solé, R.** El estado del hígado en las colelititis. *Sem. méd.*, B. Air., 1935, 42: pt 2, 1501-27.—**Tomita, T.** Experi-

mentelle Beiträge zur Leberfunktion bei der Cholecystitis. *Arch. klin. Chir.*, 1937, 188: 339-67.—**Van der Elst, L.** Le réentissement pancréatique des cholécystites. *Clinique*, Par., 1935, 30: 341-4.—**Wodon-Dufrane, R.** Des réactions pyloro-duodénales dans les cholécystites. *Bruxelles méd.*, 1928-29, 9: 651-7.—**Zanardi, F., & Previtera, A.** Contributi allo studio funzionale ed anatomico del fegato nelle malattie delle vie biliari extraepatiche; il fegato nelle colelititi calcolose croniche e nelle colelititi non calcolose. *Arch. ital. chir.*, 1936, 42: 273-318.

Inflammation: Prognosis.

Blackford, J. M. Late results of cholecystitis. *Tr. Am. Gastroenter. Ass.*, 1933, 36. Meet., 344-51.—**King, R. L., & Sherwood, K. K.** Cholecystitis; study based on follow-up after from 5 to 15 years of 200 patients not operated on. *J. Am. M. Ass.*, 1933, 101: 910-3. Also repr.—**Bryan, W. A.** Causes of death in cholecystitis. *South. M. J.*, 1925, 18: 524-9.—**Else, J. E.** Neglected cholecystitis. *Surg. Clin. N. America*, 1931, 11: 957-66.—**Hotz, R.** Acute cholecystitis; with discussion of factors in morbidity and mortality. *Am. J. Surg.*, 1939, 44: 695-705.

Inflammation: Treatment.

Cailloux, J. E. E. *Contribución à l'étude des cholécystites non lithiasiques et à leur traitement par l'urotropine intra-veineuse. 45p. 8°. Par., 1934.

Pierre, J. L. M. *Contribución à l'étude clinique et thérapeutique de la diarrhée prandiale au cours de la cholécystite. 48p. 8°. Par., 1930.

Amerling, K. [Treatment of endotoxic cholecystitis] *Cas. lék. česk.*, 1936, 75: 642-8.—**Anca, E.** [Treatment of inflammation of the gall-bladder] *Rev. st. med.*, Bucur., 1926, 15: 1140-4.—**Moga, R.** [Choleval treatment for cholecystitis] *Cluj. med.*, 1926, 7: 178-81.—**Behrend, M.** Symptoms and treatment of acute inflammation of the gall-bladder. *Med. Rec.*, N. Y., 1938, 147: 500-4.—**Bello, E.** El tratamiento de la colelititis. *Dña méd.*, B. Air., 1938, 10: 170.—**Bettman, R. B.** Diagnosis and treatment of acute cholecystitis. *Surg. Clin. N. America*, 1939, 19: 215-26.—**Binet, M. E.** Le traitement hydrominéral des typhlo-cholécystites. *Progr. méd.*, Par., 1927, 42: 759-61.—**Bohland, K.** Die Behandlung der akuten Cholecystitis mit Prontosil. *Fortsch. Ther.*, 1938, 14: 358-60.—**Bonnet, G. F.** Le régime alimentaire des cholécystites. *Gaz. méd. France*, 1938, 45: 87-91.—**Branch, C. D., & Zollinger, R.** Acute cholecystitis; a study of conservative treatment. *N. England J. M.*, 1936, 214: 1173-7. Also repr.—**Budarin, P., & Dragol, A.** [Rôle of diathermy in treatment of cholecystitis] *Russ. klin.*, 1930, 13: 329-36.—**Bussi, A.** Intorno al trattamento termale idropinico-balneo-lutoterapico ed al regime alimentare nelle colelititi ed epatopatie. *Gazz. osp.*, 1937, 58: 681-3.—**Cahill, J. A., jr.** The management of acute cholecystitis. *Med. Ann. District of Columbia*, 1940, 9: 127-9.—**Carp, J.** [Agolition in the treatment of cholecystitis] *Cluj. med.*, 1929, 10: 159-62.—**Chiray, M., & Binet, M. E.** Les possibilités médicales dans le traitement des cholécystites non calculieuses. *C. rend. Congr. internat. méd. trop.*, 1929, 1. Congr. 2: 731-8.—**Clute, H. M.** The diagnosis and management of acute cholecystitis. *J. M. Ass. Georgia*, 1939, 28: 186-92.—**Cofer, O. S.** Treatment of cholecystitis. *Bull. Fulton Co. M. Soc.*, 1936, 10: 3-5.—**Coppleston, V. M.** Acute cholecystitis: a study of a series of cases in which conservative methods of treatment were used. *Med. J. Australia*, 1939, 2: 274-84.—**Cottalorda, J.** Remarques anatomiques, cliniques et thérapeutiques sur les cholécystites aiguës. *Gaz. méd. France*, 1934, suppl. gastr., No. 10, 12-6.—**David, E.** Traitement de la cholécystite par le bactériophage et par le vaccin anticolicibacillaire. *Bull. méd.*, Par., 1929, 43: 855-8.—**Dehogues, M.** Contribución al tratamiento de las colelititis agudas y crónicas. *Crón. méd. quir. Habana*, 1930, 56: 160-3.—**Doumer, E., Buttiaux, R., & Cuvelier, R.** Cholécystite aiguë due au *B. proteus* guérie par instillation intraduodénale d'un antivirus spécifique. *Arch. mal. app. digest.*, Par., 1935, 25: 292-300.—**Durand, G., & Binet, E.** Traitement médical et indications opératoires dans les typhlo-cholécystites. *J. méd. fr.*, 1930, 19: 102-7.—**Foley, E. F.** The medical treatment of gallbladder infections. *Med. Clin. N. America*, 1939, 23: 55-62.—**Graham, R. R.** The diagnosis and management of acute cholecystitis. *Canad. M. Ass. J.*, 1935, 32: 283-7.—**Hamant & Drouet, P. L.** Cholécystite aiguë avec icterus prolongé; drainage médical des voies biliaires; guérison. *Arch. mal. app. digest.*, Par., 1930, 20: 529-32.—**Hurst, A. F.** Treatment of cholecystitis and the prevention of gall-stones. *Med. Brief*, 1926, 54: 382-90.—**Hexamine in the treatment of biliary infections.** *Brit. M. J.*, 1936, 2: 782.—**Joly, M.** La kérafine, adjuvant de la diathermie dans les cholécystites douloureuses. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 2: 548.—**Källmark, F.** [Treatment of cholecystitis in the Torsby Clinic in 1925-30] *Sven. läk. tidn.*, 1932, 29: 721-7.—**Kalk, H.** Die Behandlung der entzündlichen Gallenblasen- und Gallenwegserkrankungen. *Ther. Gegenwart*, 1936, 77: 433-9.—**Lobacz, S.** [Hemthysal in treatment of inflammation of the gall-bladder and biliary ducts] *Med. prakt.*, Poznań, 1936, 10: 235-8.—**Lomakin, P. F., Sulimovskaia, N. A., & Kerner, E. L.**

- [Cholosas in treatment of cholecystitis] Sovet. vrach. J., 1937, 41: 1394.—**Lyons, G.** Le diagnostic et le traitement des cholécystites. Bull. méd., Par., 1935, 49: 829-35.—**McClure, R. D.** Diagnosis and management of cholecystitis. J. Indiana M. Ass., 1939, 32: 129-33.—**Malory, W. J.** The medical treatment of cholecystitis. Am. J. Digest. Dis., 1938-39, 5: 694-700.—**Manghi, V.** Il bilaterale nella cura della colecistite. Boll. spec. med. chir., 1931, 5: 321-6.—**Mason, J. T., & Blackford, J. M.** The conservative treatment of cholecystitis. J. Am. M. Ass., 1932, 99: 891.—**Miller, T.** Medical treatment of cholecystitis. Texas J. M., 1934, 30: 442-5.—**Palečková, B., & Hynek, L.** [Anti-phlogistic treatment of calculous and noncalculous cholecystitis] Cas. lék. česk., 1936, 75: 1266-70.—**Pancrazio, F.** Osservazioni pratiche sulle colecistiti e valore della terapia medica. Minerva med., Tor., 1930, 21: 922-5.—**Pennoyer, G. P.** Results of conservative treatment of acute cholecystitis. Ann. Surg., 1938, 107: 543-57.—**Salomon, H.** La eficacia del régimen escoriáceo en la colecistitis-colangitis. Sem. méd., B. Air., 1937, 44: pt 2, 598.—**Santucci, G.** La terapia delle colecistiti non calcolose. Gazz. med. ital., 1939, 98: 109-13.—**Smith, H. F.** Treatment of acute cholecystitis. Pennsylvania M. J., 1934, 37: 574-9.—**Syllaba, J.** [Balneotherapy of cholecystitis] Vest. česk. fysiat. spol., 1938, 18: 199-209.—**Tiegel, W.** Behandlung der chronischen Gallenblasenentzündungen. Hippokrates, Stuttgart, 1936, 7: 27.—**Totten, H. P.** The treatment of acute cholecystitis. Am. J. Surg., 1938, 41: 29-34.—**Tsu, A. P. L.** The effect of methenamine on biliary infection, with special reference to the Hurst regimen. Guy's Hosp. Rep., Lond., 1937, 87: 199-204.—**Wakeley, C. P. G.** The treatment of acute and chronic cholecystitis. Med. Press & Circ., Lond., 1937, 195: 439-43. Also J. Ceylon Brit. M. Ass., 1938, 35: 19-28, 4 pl.—**Walters, W.** Newer concepts in the management of acute cholecystitis. Surg. Clin. N. America, 1937, 17: 961-9.—**Walton, J.** The treatment of acute cholecystitis. Med. Press & Circ., Lond., 1939, 201: 426-9.—**Wilkie, D. P. D.** The treatment of cholecystitis. Ibid., 1935, 191: 294-6.—**Young, J. S.** Cholecystitis; tetraiodophenolphthalein in the treatment of certain selected cases. J. Missouri M. Ass., 1935, 32: 374-7.
- **Inflammation: Treatment, surgical.**
- See also subheading Surgery: Indications.
- ALEXANDRU, M.** *Ueber Operationserfolge bei steinfreien Gallenblasenentzündungen. 20p. 8°. Lpz., 1936.
- GIRARD, M.** *Contribution à l'étude du traitement chirurgical des cholécystites aiguës. 92p. 8°. Par., 1937.
- ROGAN, A. E.** *Du traitement des cholécystites aiguës par la cholécystectomie à chaud, à propos de 18 cas opérés. 55p. 24cm. Par., 1939.
- SCHENCK, F.** *Die chirurgische Behandlung der Cholelithiasis und von Gallenblaseninfektionen [Kiel] 35p. 22½cm. Freib. i. B., 1934.
- VAN DER ELST, L.** *Les indications de la cholécystectomie dans les cholécystites aiguës. 61p. 8°. Par., 1933.
- Adams, L. P.** Cholecystitis: a report of 2 unusual cases. Surg. Clin. N. America, 1934, 14: 1297-302.—**Albo, M., & Capurro, R.** Colecistectomía en las colecistitis agudas. Arch. urug. med., 1934, 5: 463-70. Also Crón. méd. mex., 1935, 34: 166-70.—**Allende, C. I.** Colecistectomía de urgencia en las colecistitis agudas, graves. Bol. Soc. cir. B. Aires, 1935, 19: 120-4.—**Alperovich, A.** Colecistectomía-ostomía y coledocotomía de urgencia por colecistitis aguda, síndrome coledociano y coma hepático; diagnóstico y conducta terapéutica. Sem. méd., B. Air., 1938, 45: pt 2, 425-37.—**Anzilotti, G.** Colecistite primitiva purulenta de bacillo di Eberth; considerazioni sulla cura chirurgica dei portatori di bacillo del tifo. Arch. Soc. ital. chir. (1922) 1923, 29: 113-9.—**Bass, H. L., & Bird, C. E.** Delayed operation in acute cholecystitis; report of 134 operations on the biliary tract, covering a period of 5 years. Am. J. Surg., 1936, 32: 241-6.—**Behrend, M.** Acute inflammation of the gall-bladder; conservative operative treatment. Ann. Surg., 1934, 99: 925-9.—**Bell, F. G.** The surgical management of acute cholecystitis. N. Zealand M. J., 1937, 36: 236-40.—**Bengolea, A.** Consideraciones sobre las colecistitis agudas graves y su tratamiento operatorio. Sem. méd., B. Air., 1925, 32: pt 2, 197-201. — A proposito de colecistectomía de urgencia en las colecistitis agudas graves. Bol. Soc. cir. B. Aires, 1935, 19: 254.—**Benham, F. R.** Cholecystitis with and without cholelithiasis. Am. J. Surg., 1930, n. ser., 9: 126-30. Also repr.—**Bergh, G. S.** A critical review of the treatment of acute cholecystitis. Surg. Gyn. Obst., 1938, 66: Suppl., 29-37.—**Blos, E.** Die chirurgische Heilung der Infektionen am Gallensystem durch die innere Dauerdrainage der Cholecistoduodenostomie. Aertzl. Mitt. Baden, 1925, 79: 17-22.—**Boyd, P. L.** The operative mortality of cholecystitis. N. England J. M., 1938, 218: 1045-50.—**Bruggeman, H. O.** Treatment of acute cholecystitis. Tr. West. Surg. Ass. (1927) 1928, 37: 331-52. Also Ann. Surg., 1928, 87: 423-7.—**Burckhardt.** Röntgenuntersuchung eines operierten Falles von Gallenblasenentzündung. Zbl. Chir., 1938, 65: 148-50.—**Cameron, M. H. V.** Cholecystitis; treatment after operation. Canad. J. M. & S., 1934, 75: 48-50.—**Cave, H. W.** Immediate or delayed treatment of acute cholecystitis. Surg. Gyn. Obst., 1938, 66: 308-13.—**Chauvenet, A.** Sur le traitement chirurgical des cholécystites aiguës. Progr. méd., Par., 1937, 737-46.—**Clute, H. M., & Lembright, J. F.** Immediate surgery in acute cholecystitis. Tr. N. England Surg. Soc., 1937, 20: 70-80. Also N. England J. M., 1938, 218: 72-5.—**Clymer, C. E.** The treatment of acute cholecystitis; immediate or delayed surgery. South. M. J., 1939, 32: 1238-43.—**Cresson.** Cholécystectomie pour cholécystite aiguë, en voie de perforation, chez une femme de 78 ans. Bull. Soc. chir. Paris, 1933, 25: 220.—**Elkin, D. C.** Cholecystitis; indications for operation. J. M. Ass. Georgia, 1939, 28: 275-8. Also Kentucky M. J., 1939, 37: 60-3.—**Finocchio, R., & Pasman.** Sobre colecistitis agudas graves y su tratamiento operatorio. Prensa méd. argent., 1925-26, 12: 228.—**Finsterer, H.** The surgical treatment of acute cholecystitis and common duct obstruction. Surgery, 1939, 6: 491-506.—**Gage, M.** The surgery of acute cholecystitis. N. Orleans M. & S. J., 1938-39, 91: 607-20.—**Glenn, F.** The early surgical treatment of acute cholecystitis. Am. J. Surg., 1938, 40: 186-91.—**Gómez de Rosas, N.** Colecistectomía o coledocostomía en la colecistitis aguda. Crón. méd. quir. Habana, 1929, 55: 159-63. Also Rev. méd. cubana, 1929, 40: 707-11.—**Graham, H. F.** The value of early operation for acute cholecystitis. Ann. Surg., 1931, 93: 1152-5. — & **Hoeft, M. E.** Acute cholecystitis; the results of operation within 48 hours of the onset of symptoms. Tr. Am. Surg. Ass., 1938, 56: 379-81. Also Ann. Surg., 1938, 108: 874-6.—**Graham, H. F., & Waters, H. S.** Important factors in the surgical treatment of cholecystitis. Ibid., 1934, 99: 893-9.—**Grimes, A. E., & Massie, F. M.** Is delay justifiable in the surgery of acute cholecystitis? Kentucky M. J., 1939, 37: 73-6.—**Haines, W. D.** Surgical aspect and management of cholecystitis. Cincinnati J. M., 1925-26, 5: 326-30.—**Hamrick, R. A.** Early surgical intervention in acute cholecystitis. J. M. Ass. Alabama, 1938-39, 8: 98-104.—**Hartung, H.** Cholecystitis und die Anzeigstellung zur Operation. Med. Welt, 1928, 2: 1022-5.—**Hawe, P.** Early operations in cases of acute cholecystitis. Liverpool Med. Chir. J., 1934, 42: pt 2, 162-9.—**Heineke, A. P.** The surgical indications of inflammatory diseases of the gall-bladder. West. M. Times, 1925-26, 45: 349-58. Also Chicago M. Rec., 1926, 48: 65-75. Also Elect. M. J., 1926, 86: 171-83. Also Med. Times, N. Y., 1926, 54: 120; 128. Also Am. Med., 1928, 23: 122. — Complications incident to the operative treatment of inflammatory diseases of the gall-bladder. Chicago M. Rec., 1926, 48: 255-65. Also Internat. J. Surg., 1926, 39: 305-13. Also Med. Progr., Louisv., 1926, 42: 201-5.—**Heuer, G. J.** The surgical aspects of acute cholecystitis. Tr. South. Surg. Ass., 1936, 49: 128-34. Also N. York State J. M., 1936, 36: 1643-50. Also Ann. Surg., 1937, 105: 758-64.—**Ibos & Legrand-Desmons.** Deux cas de cholécystite chronique non lithiasique sans lésion apparente de la vésicule; guérison radicale par cholécystectomie. Bull. Soc. nat. chir., Par., 1929, 55: 181-3.—**Jackson, A. S.** Cholecystitis; conclusions based on a study of 500 operations. Wisconsin M. J., 1933, 32: 678-84.—**Kostromov, I. A.** [Excision of the gall-bladder in cholecystitis] Sovet. vrach. gaz., 1933, 37: 1198-200.—**Krecke, A.** Schwere akute Cholecystitis; keine Operation; Tod an Sepsis. In his Beitr. prakt. Chir., Münch., 1934, 496.—**Lenhart, C. H.** Indications for the surgical treatment of cholecystitis and cholelithiasis. Ohio M. J., 1938, 34: 987-90.—**Luz Filho, F.** Tratamento cirúrgico da colecistites. Impr. med., Rio, 1939, 15: 86-99. Also Rev. med. Bahia, 1939, 7: 43-56.—**McCloskey, J. F., & Lehman, J. A.** The surgical management of acute cholecystitis. Rev. Gastroenter., 1940, 7: 176-83.—**Mackey, W. A.** Cholecystitis without stone; an investigation of 264 operated cases from the clinical, radiological, and pathological aspects; an attempt to determine the factors of service in estimating prognosis. Brit. J. Surg., 1934, 22: 274-95.—**Madina-veitia, J. M., & Carpio, J. M.** Nota sobre algunos trastornos pancreáticos postoperatorios en colecistitis. Progr. clín., Madr., 1931, 39: 339-43.—**Masciottra, R. L.** Colecistectomía de urgencia en colecistitis agudas graves. Bol. Soc. cir. B. Aires, 1935, 19: 53-64.—**Mason, R. L.** A liver pack following cholecystectomy for acute cholecystitis. Surg. Gyn. Obst., 1925, 41: 839.—**Melentjeva, A. I.** Prophylaktische Massnahmen bei der Operation der akuten Cholecystitis. Zbl. Chir., 1935, 62: 1527-9.—**Mentzer, S. H.** Acute cholecystitis; its surgical treatment. California West. M., 1930, 32: 224-31.—**Migliaccio, A. V.** Early versus late operations in acute cholecystitis. Rhode Island M. J., 1939, 22: 1-4.—**Molodaia, E. K.** [Operative treatment of cholecystitis] Arkh. biol. nauk, 1938, 52: No. 3, 29-36.—**Orlov, I. I.** [Indications for operative treatment of cholecystitis] J. profil. subtop. klin. med., Tashkent, 1934, 4: 117-38.—**Petrén, G.** Ueber die Operationsindikationen bei akuter Cholecystitis. Chirurg, 1928-29, 1: 15-20.—**Pototschnig, G.** L'intervento immediato nelle colecistiti acute. Arch. Soc. ital. chir. (1927) 1928, 34: 789-96.—**Prozorsky, E. N.** [Indications for operation and method of operation in cholecystitis and cholelithiasis] Nov. khir., Moskva, 1926, 3: 134-48.—**Quénu, J., & Jacquelin, C.** Indications et résultats du traitement chirurgical dans les cholécystites. J. méd. chir., Par., 1930, 101: 173-89.—**Robinson, R. H. O. B.** Short circuit operations in the treatment of cholecystitis. Lancet, Lond., 1930, 1: 673-8.—**Romani, A., & Slaviero, A.** Contributo anatomo-patologico e clinico-operatorio allo studio delle colecistiti. Arch. ital. chir., 1930-31, 26: 426-53.—**Ross, J. C.**

The symptomatic end-results of operations for cholecystitis; a review of 153 cases. *Brit. M. J.*, 1932, 1: 1026-8.—**Rowlands, R. P.** The surgical treatment of cholecystitis. *Clin. J.*, Lond., 1931, 60: 397-401.—**Royster, H. A.** Shall we operate on the acutely inflamed gall-bladder? *South. M. & S.*, 1931, 93: 739.—**St. Jacques, E.** Des cholesties; cholécystotomie ou cholécystectomie? *Union méd. Canada*, 1933, 62: 557-60.—**Schmechel, A.** Spätresultate operierter steinfreier Gallenblasen (cholecystitis sine concremento) *Zbl. Chir.*, 1934, 61: 685-7.—**Schwartz, J. P.** The surgical treatment of cholecystitis. *J. Am. Osteopath. Ass.*, 1936-37, 36: 327-9.—**Shoulders, H. H.** Indications for operation in cases of cholecystitis. *J. Tennessee M. Ass.*, 1935, 28: 68-73.—**Sipos, E.** Subseröse Elektrocholecystektomie bei Gallenblasenentzündungen. *Zbl. Chir.*, 1939, 66: 1825-32.—**Smith, M. K.** Treatment of acute cholecystitis. *Tr. Am. Surg. Ass.*, 1933, 51: 287-91. Also *Ann. Surg.*, 1933, 98: 766-70. Also *Am. J. Surg.*, 1938, 40: 192-6.—**Sosnovsky, A. G.** [Remote sequelae and relapse symptoms following operations for cholecystitis and its complications] *Nov. khir. arkh.*, 1938, 42: 247-76.—**Soupault, R., & Thalheimer, M.** Cholécystectomie ou cholécystostomie dans les cholesties aiguës? *Bull. méd.*, Par., 1925, 39: 1174-6.—**Stone, H. B., & Owings, J. C.** The acute gall-bladder as a surgical emergency. *Tr. Am. Surg. Ass.*, 1933, 51: 281-6. Also *Ann. Surg.*, 1933, 98: 760-5.—**Thompson, F. N., & Courtney, C. B.** The surgical management of cholecystitis and cholelithiasis. *Virginia M. Month.*, 1939, 66: 390-5.—**Tijtjat, G.** La cholécystectomie précoce est-elle le traitement de la cholécystite aiguë? *Bull. Acad. méd. Belgique*, 1931, 5. ser., 11: 163-72. Also *Strasbourg méd.*, 1931, 91: 313-6.—**Touroff, A. S. W.** Acute cholecystitis; a study of 75 proven cases with subsiding or subsided clinical manifestations at the time of operation. *Ann. Surg.*, 1934, 99: 900-13.—**Verbrycke, J. R.** Postoperative treatment of peptic ulcer and cholecystitis. *Med. Rec.*, N. Y., 1916, 89: 774-7.—**Viannay, Deux** cas de cholécystite aiguë traités par la cholécystectomie à chaud; 2 guérisons. *Loire méd.*, 1938, 42: 20-6.—**Wilkie, D. P. D.** The acute obstructive cholecystitis. *Collect. Papers Dep. Surg. Univ. Edinburgh*, 1935, 1: No. 50.—**Woytek, G.** Zur Frage der operativen Behandlung der akuten cholecystitis. *Beitr. klin. Chir.*, 1928, 142: 41-7.—**Zinniger, M. M.** The surgical treatment of acute cholecystitis. *Ann. Surg.*, 1932, 96: 406. — The value of early operation in acute cholecystitis. *J. Med.*, Cincin., 1934, 15: 143-7.

— Inflammation—in childhood.

SPIRO, H. *Die Cholecystitis im Kindesalter. 15p. 8°. Giessen, 1929.

Bitner, W. Ueber die akute maligne Cholezystitis im Kindesalter. *Arch. Kinderh.*, 1931-32, 95: 158-62.—**Gatewood.** Acute cholecystitis in an 11-year-old boy. *Surg. Clin. N. America*, 1931, 11: 95-7.—**Grekov, I. P.** [Cholecystitis in children] *Russ. klin.*, 1925, 4: 578-99.—**Lowenborg, H., & Mitchell, A. G.** Cholecystitis in childhood. *J. Pediat.*, S. Louis, 1938, 12: 203-8.—**Mohr, M.** Acute cholecystitis in childhood. *Am. J. Dis. Child.*, 1931, 42: 372-5. Also repr.—**Müller, W.** Eine Beobachtung von akuter Cholezystitis bei einem 4jährigen Kinde. *Zbl. Chir.*, 1926, 53: 3092-4.—**Radu, C., Petrescu, I.** [et al.] [Observations on the study of angiocholecystitis and cholangitis in children] *Cluj. med.*, 1937, 18: 145-62.—**Sobel, I. P.** Cholecystitis and cholelithiasis in childhood; report of case. *Arch. Pediat.*, N. Y., 1938, 55: 669-81.—**Stammler.** Akute, operativ geheilte Cholezystitis bei einem 5jährigen Knaben. *Mscrh. Kinderh.*, 1927, 35: 481-5.—**Stavoren, C. van** [Acute cholecystitis in a young child] *Ned. tschr. geneesk.*, 1939, 83: 4115-7.—**Vollmer, H.** Cholezystitis im Kindesalter. *Zschr. Kinderh.*, 1930, 49: 200.—**Zelditch, Wurmman** [et al.] Des cholesties chez les enfants. *Rev. fr. pédiat.*, 1936, 12: 351-69.—**Zeligs, M.** Acute typhoid cholecystitis in children; report of a case treated with mercurochrome. *Arch. Pediat.*, N. Y., 1926, 43: 485-8.

— Injury.

See also Gallbladder, Inflammation: Etiology.
GRIGAT, R. [A. J.] *Ueber Verletzungen der Gallenblase. 27p. 8°. Königsb., 1933.

Andersson, L. Ueber traumatische Ablösung der Gallenblase von der Leber. *Acta chir. scand.*, 1925, 59: 369-79.—**Revel, J.** Syndrome de perforation de cholécystite calculeuse due à une ancienne blessure de guerre. *Bull. Soc. nat. chir. Par.*, 1932, 58: 1547.

— Innervation.

Alexander, W. F. The innervation of the biliary system. *J. Comp. Neur.*, 1940, 72: 357-70.—**Bratiannu, S., Stefanescu, C., & Bratiannu, M.** Contributions à l'étude morphologique du système nerveux intra-mural de la vésicule biliaire de l'homme et de différents animaux. *Bull. Acad. méd. Roumanie*, 1936, 1: 539-45.—**Galli, G., & Di Natale, L.** Eneervatione del collo della cistifellea e del cistico (ricerche sperimentali) *Arch. Soc. ital. chir.* (1927) 1928, 34: 595-8.—**Harting, K.** Ueber die feinere Innervation der extrahepatischen Gallenwege; über die mikroskopische Innervation der Gallenblase. *Zschr. Zellforsch.*, 1930-31, 12: 518-43.—**Kopstein, G., & Popper, H. L.** Beitrag zur motorischen Innervation der menschlichen Gallenblase. *Med. Klin.*, Berl., 1933, 29: 1242.—**Kusnezow, N. W., & Michailowa, S. I.** Ueber die

Frage des Gallenblasenreflexes. *Arch. Verdauungskr.*, 1930, 47: 199-222.—**Sabussow, G. H., & Ssuskilow, A. F.** Experimentell-morphologische Analyse der autonomen Innervation der Gallenblase der Säugetiere. *Zschr. Anat. Entw.*, 1936-37, 106: 739-48.—**Szántó, G.** Ueber pathologisch-histologische Veränderungen am intramuralen Nervenapparat der Gallenblase. *Deut. Zschr. Chir.*, 1935-36, 246: 326-42.—**Van Campenhout, E., & Grenade, A.** Contribution à l'étude de l'innervation de la vésicule biliaire. *Bull. histol. appl.*, Lyon, 1936, 13: 309-18.

— Luschka ducts.

Halpert, B. Morphological studies on the gall-bladder; the true Luschka ducts and the Rokitsky-Aschoff sinuses of the human gall-bladder. *Bull. Johns Hopkins Hosp.*, 1927, 41: 77-103, 7 pl.—**Ikeda, M.** Zur Histogenese der Luschkaschen Gänge. *Tr. Jap. Path. Soc.*, 1928, 18: 394.

— Motor activity.

See also subheadings Dyskinesia; Emptying.
CALLEGARI, H. *Action de quelques excitants neurovégétatifs et endocriniens sur la contraction de la vésicule biliaire chez l'homme. 52p. 8°. Par., 1926.

Kob, H. *Die Einwirkung paravertebraler Segmentausschaltung auf die Bewegungsvorgänge der Gallenblase [Königsberg] 24p. 8°. Tilsit, 1934.

Baltacéano, G., & Vasiliu, C. Les mouvements de la vésicule biliaire. *C. rend. Soc. biol.*, 1933, 114: 1346-9.—**Bayer, R., Günther, T., & Löhrer, L.** Zur Analyse der Muskelkontraktionen der Säugergallenblase. *Arch. ges. Physiol.*, 1935, 236: 239-50.—**Bazzocchi, G.** Alterazioni della parte contrattile della parete della colecisti in varie forme di colecistopatia. *Ann. ital. chir.*, 1938, 17: 23-80.—**Benassi, E.** Dimostrazione radiologica della funzione motoria della cistifellea. *Boll. Soc. biol. sper.*, 1926, 1: 225-7. — Ricerche radiologiche sperimentali sulla funzione motoria della cistifellea e sulle sue prove farmacodinamiche; la funzione motoria normale. *Arch. radiol.*, Nap., 1928, 4: 833-58. — Le prove farmacodinamiche; la stimolazione elettrica del vago; la diatermia. *Ibid.*, 1929, 5: 117-46.—**Boyden, E. A.** Sex differences in the contraction rate of the human gall bladder. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 353-8.—**Brüning.** Kann sich die Gallenblase aktiv zusammenziehen? *Deut. med. Wschr.*, 1927, 53: 2032.—**Burgmann, W.** Die Bewegungsfähigkeit der Gallenblase. *Ibid.*, 1939, 65: 1244-6.—**Cace, M.** Sul potere di contrazione della vescichetta biliare con il pasto di Bronner e sui punti di partenza dello stimolo che ne provoca lo svuotamento. *Ann. med. nav.*, Roma, 1931, 37: 144-63, 4 pl.—**Campanacci, D., & Gropali, M.** Beitrag zur Motilität der Gallenblase (Ergotaminreflex) *Klin. Wschr.*, 1926, 5: 1639.—**Cannavà, A.** Ricerche farmacologiche sulla motilità della vescichetta biliare isolata di cavia e di cane. *Arch. internat. pharm. dyn.*, Par., 1938, 59: 105-27.—**Chiray, M., Lebon, J., & Callegari, H.** Action de certains excitants neurovégétatifs et endocriniens sur la contraction de la vésicule biliaire chez l'homme. *Bull. Soc. méd. hôp. Paris*, 1926, 3. ser., 1: 103-15.—**Chiray, M., & Le Canuet, R.** A propos du rôle des contractions de la vésicule dans la chasse biliaire duodénale. *Arch. mal. app. digest.*, Par., 1936, 26: 64-8.—**Chiray, M., & Lomon, A.** La contraction de la vésicule biliaire prise sur le fait. *Presse méd.*, 1929, 37: 1605-8.—**Chiray, M., & Pavel, I.** La contractilité de la vésicule biliaire; étude expérimentale. *J. physiol. path. gén.*, 1925, 23: 319-31, 2 pl. — La contractilité de la vésicule biliaire; étude physio-pathologique. *Ibid.*, 593-605.—**Dubois, F. S., & Kistler, G. H.** Concerning the mechanism of contraction of the gall-bladder in the guinea pig. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 1178-80.—**Eisler, F.** Hypermotilität der Gallenblase. *Wien. med. Wschr.*, 1933, 83: 1226-8.—**Ersen, H., & Damm, E.** Ueber die Kontraktilität der Gallenblase. *Klin. Wschr.*, 1927, 6: 1382.—**Georges-Rosanoff, & Daviot, A.** A propos de la contractilité de la vésicule biliaire. *Arch. mal. app. digest.*, Par., 1937, 27: 186-93.—**Godard, H., & Koliopoulos, A.** Cholécystographie et contractions vésiculaires. *Presse méd.*, 1932, 40: 818.—**Guidi, G.** Studio sperimentale su la contrattilità della cistifellea. *Arch. ital. mal. app. diger.*, 1936, 5: 553-72.—**Herrnheiser, G.** Dauerkontraktion oder Kompression der Gallenblase? *Fortschr. Röntgenstrahl.*, 1928, 38: 669-72.—**Higgins, G. M.** Contraction of the gallbladder in the common bullhead (*Ameiurus nebulosus*) *Arch. Surg.*, 1928, 16: 1021-38.—**Horsters, H.** Ein einfache Versuchsanordnung zur Beobachtung der Gallenblasenkontraktion in vitro. *Arch. exp. Path.*, Berl., 1931, 161: 641-5. — Ueber die hormonale Beeinflussung der Gallenblasencontraction. *Verh. Deut. Ges. inn. Med.*, 1932, 44. Kongr., 373-81.—**Ivy, A. C.** A hormone mechanism for gall-bladder contraction and evacuation. *Am. J. Surg.*, 1929, n. ser., 7: 455-9. Also *Nebraska M. J.*, 1929, 14: 267-71. Also *Proc. California Acad. M.*, 1930, 87-97, pl. Also *Tr. Am. Gastroenter. Ass.* (1929) 1930, 32: 455-9. — **Oldberg, E.** Observations on the cause of gall-bladder contraction and evacuation. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 251. — A hormone mechanism for gall-bladder contraction and evacuation. *Am. J. Physiol.*, 1928, 86: 599-

613.—**Kopyrin, S. A.** [Effect of functional disorder of the sex glands on the motor activity of the gall-bladder] *Bull. eksp. biol. med.*, 1940, 9: 140-2.—**Kurtsin, I. T.** [Motor function of the gall-bladder in man] *Ark. biol. nauk*, 1939, 54: No. 2, 37-52.—**Lattuca, M., & Nascia, S.** Influenza di alcune sostanze (salicilato di sodio, boldo) sulla contrattilità delle pareti della vescichetta biliare. *Boll. Soc. ital. biol. sper.*, 1926, 1: 566-8.—**Legillon, A.** La fonction contractile de la vésicule biliaire; les cholécystokinétiques. *Echo méd. nord.*, 1935, 3. ser., 4: 882-8.—**Levene, G.** The study of gall-bladder contractions; as an aid in the Roentgen diagnosis of gall-bladder disease. *Am. J. Roentg.*, 1931, 26: 87-91.—**Levine, S.** Contractions of gallbladder seen in man. *Arch. Int. M.*, 1927, 40: 420-33.—**Moser, E.** Zur Frage der selbsttätigen Bewegung der Gallenblase. *Deut. med. Wschr.*, 1928, 54: 744.—**Numis, L.** Contributo anatomico allo studio del potere contrattile della cistifellea. *Studium, Nap.*, 1933, 23: 329-37.—**Ravdin, I. S., & Morrison, J. L.** Gallbladder function; the contractile function of the gallbladder. *Arch. Surg.*, 1931, 22: 810-28. Also repr.—**Spirito, F.** Cistifellea a gravidanza. *Atti Accad. fisiocrit. Siena*, 1935, 11. ser., 3: 651-87.—**Takács, L.** Cistifellea e gravidanza; modificazioni della attività contrattile. *Ann. ostet. gin.*, 1936, 58: 1315-28.—**Taylor, N. B., & Wilson, M. J.** Observations upon the contractions of the gallbladder. *Am. J. Physiol.*, 1925, 74: 172-80.—**Villaret, M., Justin-Besançon, L., & Marcotte, A.** Technique d'enregistrement des mouvements rythmiques de la vésicule biliaire isolée. *C. rend. Soc. biol.*, 1931, 160: 720-2.—**Voegtlin, W. L., McEwen, E. G., & Ivy, A. C.** On the humoral agents concerned in the causation of gall-bladder contraction. *Am. J. Physiol.*, 1933, 103: 121-30.—**Zampa, G.** Sulla funzione motoria della cistifellea. *Arch. ital. chir.*, 1935, 40: 389-424.

— Myoma.

Biancalana, L. Un caso di adenomioma della cistifellea. *Arch. ital. chir.*, 1926, 16: 539-48.—**Eisner, P.** Adenomyome der Gallenblase. *Virchows Arch.*, 1938, 302: 717-23.—**Hromada, G.** Ein Fall von Myom der Gallenblase. *Zbl. Chir.*, 1933, 60: 2254; 1935, 62: 790.—**Nicod, J. L.** L'adénomyome du fond de la vésicule biliaire. *Ann. anat. path., Par.*, 1927, 4: 133-9.—**Weidinger, E.** Fibromyoadenom des Gallenblasenfundus. *Arch. klin. Chir.*, 1928, 153: 180-2.

— Obstruction, and stricture.

See also **Bile-duct, cystic.**

Baccarini, L. L'occlusione sperimentale del cistico in rapporto alle alterazioni anatomico-patologiche ed istologiche della cistifellea e del fegato. *Arch. ital. chir.*, 1939, 55: 317-30.—**Horine, C. F.** Stricture of the gall-bladder; case report. *South. M. J.*, 1925, 18: 685.—**Saries, R., & Garcin, J.** La vésicule exclue; son diagnostic par le tubage duodénal et la cholécystographie. *Arch. mal. app. digest., Par.*, 1931, 21: 324-45.—**Torres Marty, L.** El síndrome de obstrucción vesicular. *Ars medica, Barcel.*, 1933, 9: 410-2.

— Papilloma.

Bobbio, A. Contributo allo studio dei papillomi della cistifellea. *Arch. ital. chir.*, 1938, 50: 467-86.—**Brown, F. R., & Cappell, D. F.** Multiple villous papillomata of the gall-bladder. *Brit. J. Surg.*, 1936-37, 24: 703-7.—**Egyedi, L.** [Polypus of gall-bladder] *Gyógyászat*, 1934, 74: 596-9.—**Hefke, H. W.** Die Diagnose von Papillomen der Gallenblase mittels Cholezystographie. *Röntgenpraxis*, 1931, 3: 871-3.—**Helvestine, F. J., & Richards, L. G.** Multiple papilloma of the gall-bladder; report of a case associated with duodenal ulcer. *Virginia M. Month.*, 1928-29, 55: 640-2.—**Kerr, A. B., & Lendrum, A. C.** A chloride-secreting papilloma in the gall-bladder; a tumour of heterotopic intestinal epithelium containing Paneth cells and enterochromaffin cells and associated with massive chloride loss: with a critical review of papilloma of the gall-bladder. *Brit. J. Surg.*, 1935-36, 23: 615-39.—**Kirklin, B. R.** Choleystographic diagnosis of papillomas and other tumors of the gallbladder. *Proc. Mayo Clin.*, 1930, 5: 336.—**Choleystographic diagnosis of papillomas of the gall-bladder.** *Am. J. Roentg.*, 1931, 25: 46-50.—**Lauritzen, G. K.** Zwei Fälle von Papillom (Fibroepitheliom) in der Gallenblase. *Acta chir. scand.*, 1936-37, 79: 105-18.—**Mariani, G.** Il papilloma solitario benigno della cistifellea. *Diagnosi*, 1937, 17: 132-49.—**Moore, C.** Choleystographic diagnosis of papillomas and tumors of the gallbladder. *Am. J. Roentg.*, 1935, 33: 630-5.—**Phillips, J. R.** Papilloma of the gall-bladder. *Am. J. Surg.*, 1933, 21: 38-42.—**Risak, E.** Ueber polypöse Tumoren der Gallenblase. *Beitr. klin. Chir.*, 1926, 138: 382-90.—**Romantsev, N. I.** [Benign papillomata of the gallbladder] *Vest. khir.*, 1924, 4: No. 12, 250-3.—**Vallée, A.** Adeno-papillome de la vésicule biliaire. *Bull. méd. Québec*, 1929, 30: 302-5, pl.

— Parasites.

See also subheadings Amebiasis; Echinococcosis; Giardiasis; also **Bile-ducts, Parasites.**

OFFER, E. *Bandwürmer in der menschlichen Gallenblase und ihre etwaige Beziehung zu

Gallensteinbildungen. p.193-206. 8° Berl., 1930.

Also *Virchows Arch.*, 1930-31, 279:

Carini, A. Myxidium lindoyense, n. sp., parasita da vesicula biliar de batrachos do Brasil. *Rev. biol.*, S. Paulo, 1932, 3: 83.—**Castronuovo, E.** Sindrome coleistica da ascariidi e prova coleistografica negativa. *Radiol. med.*, Milano, 1928, 15: 469-72.—**Croce, P.** Colecistite da strongiloide intestinale rivelata attraverso il sondaggio del duodeno. *Osp. maggiore Novara*, 1938, 15: 242-9.—**Eisenklam, I.** Ein Bandwurm als Inhalt der Gallenblase. *Wien. klin. Wschr.*, 1929, 42: 1051.—**Feissly, R.** Un cas de parasitisme humain par le Fasciola hepatica. *Arch. mal. app. digest., Par.*, 1936, 26: 324-30.—**Michaelowski, E.** [Case of ascariosis of the gall-bladder] *Polska gaz. lek.*, 1929, 8: 295.—**Morton, C. B.** Ascariasis of the gallbladder; literature and case report. *Arch. Surg.*, 1928, 17: 324-30. Also repr.—**Ruditzky, M. G.** [Distomatosis, as etiological factor in stoneless cholecystitis] *Russ. klin.*, 1927, 7: 382-90.—**Woolcock, V.** Chloromyxum priptophori, a new species of Myxosporidia parasite in the gall-bladder of Priptophorus cirratus (saw-shark). *Parasitology, Lond.*, 1936, 28: 72-8, 2 pl.

— Perforation, and rupture.

See also subheadings Calculus; Empyema; Inflammation.

DÄHNERT [H.] H. *Perforationen der Gallenblase; Erfahrungen an 82 Kranken der Leipziger Chirurgischen Klinik 1924-1934. 24p. 8° Lpz., 1936.

FLIMM, W. *Die freien und gedeckten Perforationen der Gallenblase. 43p. 8° Giessen, 1937.

LANGENBUCH, E. A. [W.] *Gallenblasenperforation und -Gangrän [Kiel] 24p. 8° Lübeck, 1933.

McELIGOTT, J. A. *Ruptured gall-bladder: conclusions based on clinical study of 5 cases and 348 cases from the literature [Univ. Wisconsin] 19p. 4° Oshkosh, 1931.

WILLIENCOURT, J. A. DE. *Des perforations spontanées de la vésicule biliaire en péritoine libre. 86p. 8° Par., 1930.

Alexander, E. G. Acute perforation or rupture of the gall-bladder. *Ann. Surg.*, 1927, 86: 765-70.—**Bartlett, W., jr., & Bartlett, R. W.** Perforation of the gallbladder, with massive intraperitoneal hemorrhage. *J. Am. M. Ass.*, 1936, 106: 615.—**Beck, D.** Subphrenic abscess secondary to unrecognized perforation on the gall-bladder. *J. Mount Sinai Hosp. N. York*, 1934, 1: 125-7.—**Bertone, C.** Note sopra un caso di rottura spontanea della colecisti. *Riforma med.*, 1926, 42: 32-4.—**Bodley, J. W.** Perforation of gall-bladder; early gangrene of common duct; report of case. *Am. J. Surg.*, 1936, 34: 97-100.—**Bodnár, T.** [Perforation of gallbladder in typhoid fever of children] *Orv. hetil.*, 1936, 80: mell., 209.—**Bonamy, R.** Trois cas de rupture de la vésicule biliaire. *Paris chir.*, 1927, 19: 62-5.—**Brizio, G. V.** Rottura traumatica della cistifellea. *Osp. maggiore, Milano*, 1931, 19: 673-6.—**Chantriot, P.** Péritonite sous-hépatique par perforation de la vésicule biliaire; rôle des lamblas et de colibacille. *Arch. mal. app. digest., Par.*, 1932, 22: 881.—**Cole, A. V.** Traumatic rupture of the gall-bladder; report of a case. *J. Indiana M. Ass.*, 1935, 28: 590.—**Costa, A. J.** Perforación de vesícula biliar en peritoneo libre. *Prensa méd. argent.*, 1928-29, 15: 1531.—**Costa, A., & Salazar de Sousa, C.** Perfuração tífica da vesícula biliar numa criança de 6 anos. *Med. contemp., Lisb.*, 1932, 50: 251.—**D'Abreu, A. L.** Acute free perforation of the gall-bladder. *Brit. M. J.*, 1935, 2: 1150-2.—**Daraigne, J., & Brun, F.** Traitement chirurgical des ruptures traumatiques intraabdominales de la vésicule biliaire. *J. méd. Bordeaux*, 1925, 55: 818.—**Donnat, P.** Péritonite aiguë par rupture de vésicule biliaire; intervention chirurgicale; mort. *Arch. méd. nav., Par.*, 1907, 88: 145-50.—**Eliason, E. L., & McLaughlin, C. W.** Perforation of the gall-bladder. *Ann. Surg.*, 1934, 99: 914-21.—**Errard, Cholépéritoine consécutif à la perforation spontanée d'une vésicule biliaire.** *Bull. Soc. anat. Paris*, 1921, 91: 519.—**Fiffeld, L. R.** Perforation and rupture of the gall-bladder. *Brit. M. J.*, 1926, 2: 635.—**Finkelstein, B. K.** [Diffuse peritonitis caused by non-traumatic perforation of the gall-bladder] *Russ. vrach.*, 1907, 6: 397-401.—**Garipey, L. J.** Rupture of gallbladder through abdominal wall. *J. Am. M. Ass.*, 1929, 92: 981.—**Georg, C., jr.** Rupture of the gall-bladder; report of a case with operation and recovery. *J. Michigan M. Soc.*, 1925, 24: 595-7.—**Greene, E. L., & Coe, G. C.** Acute free perforation of the gall-bladder occurring twice in the same patient. *Surgery*, 1940, 7: 396-400.—**Grimault, P.** Perforation de la vésicule biliaire en péritoine libre. *Bull. Soc. nat. chir., Par.*, 1928, 54: 1302-6.—**Hall, E. M., jr.** Perforation of the gall-bladder. *Hosp. News, Wash.*, 1940, 7: No. 2, 16-25.—**Huang, Chia-sau.** Perforation of the gallbladder in children. *Chin. M. J.*, 1939, 56: 564-8.—

Jeanneney. Deux cas de perforation de la vésicule biliaire. *Bordeaux chir.*, 1934, 5: 226-9.—**Larget, M., & Lamare, J. P.** Perforation de la vésicule biliaire en péritoine libre; interventions; guérison. *Bull. Soc. nat. chir., Par.*, 1929, 55: 150-3.—**Le Grand, J.** Péritonite biliaire par perforation microscopique de la vésicule. *Ibid.*, 1925, 51: 105-8.—**Liège, R., & Folliasson, A.** Etude médico-chirurgicale des perforations de la vésicule biliaire au cours de la fièvre typhoïde chez l'enfant. *Arch. méd. enf.*, 1931, 34: 581-606.—**Madinaveitia, J. M.** Un caso de perforación de la vesícula biliar. *Arch. med., Madr.*, 1926, 22: 385-9.—**— & Martínez Avial, J.** Perforación de la vesícula biliar. *Ibid.*, 1933, 36: 747-9.—**Mailer, R.** Spontaneous rupture of the gall-bladder with massive intraperitoneal haemorrhage. *Brit. J. Surg.*, 1939-40, 27: 91-9.—**Meade, R. H., jr.** Spontaneous intraperitoneal rupture of the gallbladder in a child. *Ann. Surg.*, 1935, 101: 950.—**Mitchell, E. D., jr.** Hidden perforation of the gall-bladder. *Ibid.*, 1928, 88: 200-3.—**Moreau, J., & Cogniaux, P.** Perforation de la vésicule biliaire; cholecystectomie; guérison. *J. chir., Brux.*, 1928, 27: 52-7.—**Negrete Herrera, J.** Un caso de perforación de la vesícula biliar. *An. clin. Hosp. Juárez, Méx.*, 1931, 1: 134-6.—**Niemeier, O. W.** Acute free perforation of the gall-bladder. *Ann. Surg.*, 1934, 99: 922-4.—**Norton, M. W.** Ruptured gall-bladder. *New Rochelle Hosp. M. Staff Bull.*, N. Y., 1938, 1: 11-3.—**Overholt, R. H.** Silent rupture of gallbladder producing huge subdiaphragmatic abscess. *Surg. Clin. N. America*, 1932, 12: 611-7.—**Placintianu, G.** Perforation traumatique de la vésicule biliaire: cholécystite, cholécystorrhagie; guérison. *Lyon chir.*, 1928, 25: 168-75.—**Pozzi, E.** Las perforaciones de la vesícula biliar en peritoneo libre. *Rev. cir. B. Air.*, 1929, 8: 122-8.—**Ranglaret, A.** Deux cas de perforation de la vésicule biliaire. *J. méd. fr.*, 1930, 19: 407.—**Roberts, M. A. W.** Traumatic rupture of the gall-bladder with report of a case. *East Afr. M. J.*, 1937-38, 14: 283-7.—**Sanders, R. L.** Perforation of the gall bladder; analysis of 46 cases. *Tr. West. Surg. Ass.*, 1936, 46: 389-413. Also *Surgery*, 1937, 1: 949-58.—**Skinner, H. L.** Discussion of article Perforation of the gall-bladder. *Hosp. News, Wash.*, 1940, 7: No. 2, 25.—**Solimano, O.** Ruptura espontánea de la vesícula biliar, con hemorragia interna y sin bilirrubia. *Bol. Soc. cir. B. Aires*, 1929, 13: 843-9.—**Stone, W. W., & Douglass, F. M.** Perforation of the gall-bladder. *Am. J. Surg.*, 1939, 45: 301-3.—**Tallafiero, F.** Un caso de rotura de la vesícula biliar durante el embarazo. *Bol. Soc. obst. gin. B. Aires*, 1934, 13: 859-65.—**Vasconcelos, M. de.** Perfuração da vesícula biliar em peritônio livre. *Lisboa méd.*, 1928, 5: 582-5.—**Waters, E. G.** Perforation of the gallbladder with intraperitoneal hemorrhage; report of a case. *Med. J. & Rec.*, 1926, 123: 11. Also repr.—**Wyse, L. L.** Perforation of the gall-bladder (with a case report) *Canad. M. Ass. J.*, 1934, 31: 50.

Pericholecystitis.

See also Peritoneum, Adhesion.

FOUASSIN, P. *Remarques sur la séméiologie radiologique des péricholécystites. 57p. 24cm. *Par.*, 1938.

Boltanski, E. Les péricholécystites d'origine digestive. *J. méd. fr.*, 1930, 19: 65-8.—**Chiray, M., Pavel, L., & Georges, P.** La péricholécystite plastique. *Ann. méd. Par.*, 1927, 21: 1-18.—**D'Amato, H. J.** El signo de las adherencias intrahepáticas. *Sem. méd. B. Air.*, 1926, 33: 1385-90.—**Dumolard, P.** Périduodéno-cholécystite (inversion du duodénum). *J. radiol. élect.*, 1927, 11: 410-6.—**Guyot, J., & Simon, E.** Sur un cas de lithase vésiculaire avec péricholécystite suppurée; opération en 2 temps. *J. méd. Bordeaux*, 1926, 103: 760.—**Krecke, A.** Pericholecystitis. In his *Beitr. prakt. Chir.*, München, 1934, 497.—**Martin, A., & Halipré, A.** Lithase vésiculaire; absence d'ictère; péricystite et adhérences à la paroi; cholecystectomie; guérison. *Normandie méd.*, 1921, 32: 99.—**Perona, P.** Contributo allo studio radiologico delle deformazioni pericolecistiche. *Arch. radiol., Nap.*, 1932, 8: 719-65.—**Tarigo, E. J.** Evolución de una pericolecistitis calculosa. *An. Fac. med., Montev.*, 1922-23, 8: 1049-54.—**Titone, M.** Rapporti tra pericolecistite calclosi biliare e colecistite. *Riforma med.*, 1934, 50: 483-6.—**Whitaker, L. R.** Congenital adhesions of the gall-bladder. *Ann. Int. M.*, 1937, 11: 379-86. Also In *Joseph Hershey's Anniv. Vol.*, 1937, 317-24.

Permeability.

See also subheading Resorption.

Gundermann, W. Zur Durchlässigkeit der Gallenblasenwand. *Beitr. klin. Chir.*, 1927, 140: 26-31.—**Wilkie, A. L., & Doubilet, H.** The passage of cholesterol through the gall-bladder mucosa; a preliminary report. *Canad. M. Ass. J.*, 1932, 26: 582. Also *Arch. Surg.*, 1933, 26: 110-21.—**Winkender, W. L.** A study of resorption from the biliary tract, with especial reference to the morphology and permeability of the cystic epithelium. *Bull. Johns Hopkins Hosp.*, 1930, 46: 272-95.

Pharmacology.

See also Bile, Secretion; Choleric agents; Duodenal tube.

Adami, E. Ricerche sperimentali sull'azione delle acque sulfuree sulla colecisti isolata. *Arch. ital. se. farm.*, 1939, 8:

289-323.—**Aronsohn, H. G., & Andrews, E.** Effect of varying pH on toxic effect of bile salts on the normal gall-bladder. *Proc. Soc. Exp. Biol.*, N. Y., 1936, 34: 763-5.—**—** Relative toxicity of different bile salts on the normal gall-bladder. *Ibid.*, 765-7.—**Bassin, A. L., & Whitaker, L. R.** Pharmacodynamic effects upon the gallbladder. *N. England J. M.*, 1930, 202: 311-8.—**Benassi, E.** L'azione di alcuni farmaci sulla funzionalità della cistifellea studiata con la colecistografia. *Bol. Soc. ital. biol. sper.*, 1926, 1: 534-8.—**Boyden, A. E., & Birch, C. L.** Reaction of gall bladder to stimulation of gastro-intestinal tract; response to substances injected into the duodenum. *Am. J. Physiol.*, 1930, 92: 287-300.—**Flechner, J., Bruger, M., & Wright, I. S.** Autonomic drugs and the biliary system; the action of acetyl-β-methyl-choline chloride (methylol) and benzyl-methyl-carbinamine sulphate (benzedrine sulphate) on the gall-bladder. *J. Pharm. Exp. Ther.*, 1938, 62: 174-8.—**Gondard, L.** Excrétion vésiculaire provoquée par instillation intraduodénale de léthine. *Arch. Soc. sc. méd. biol. Montpellier*, 1939, 20: 473-6.—**Grailly, Guglielmi & Mandillon.** Du mode d'évacuation de la vésicule biliaire après injection de 100 cc. d'une solution magnésienne à 20 p. 100. *Bordeaux chir.*, 1930, 1: 77.—**Grailly, R. de, & Wangermez, C.** Comparaison des courbes traduisant l'évacuation de la vésicule biliaire après ingestion de corps gras et de 100 cc. d'une solution magnésienne à 20 p. 100. *Ibid.*, 77.—**Grüneis, P.** Doryl Merck (der salzsäure Carbauiusäurecholinester) als Mittel zur Auslösung einer Gallenblasenkontraktion. *Münch. med. Wschr.*, 1938, 85: 181-3.—**Higgins, G. M., & Deissler, K.** Gallbladder rhythm and the effects of certain drugs. *Proc. Mayo Clin.*, 1934, 9: 631.—**— & Mann, F. C.** Tonus rhythm in the isolated gall-bladder and the effect of certain drugs. *Am. J. Physiol.*, 1935, 112: 461-7.—**Houssay, B. A.** Pharmacodynamie de la vésicule biliaire en survie par greffe au cou. *C. rend. Soc. biol.*, 1932, 111: 457-9.—**— & Rubio, H. H.** Farmacología de la vesícula biliar injertada. *Rev. Soc. argent. biol.*, 1932, 8: 379-94.—**Ivy, A. C., & Oldberg, E.** Contraction and evacuation of the gallbladder by a purified secretin preparation. *J. Am. M. Ass.*, 1928, 90: 445.—**Larru, E.** Valor de la colecistorradiografía para el estudio de la evacuación de la vesícula biliar y de los colecisto-quinéticos. *Ann. Hosp. S. José, Madr.*, 1933-34, 5: 21-38.—**—** Evacuación de la vesícula biliar; comprobación del valor colecistoquinético de algunas sustancias y del sondaje duodenal, por el método colecistorradiográfico. *Arch. med., Madr.*, 1934, 37: 465-7.—**Lattuca, M., & Nascia, S.** La contractilité de la vésicule biliaire; influence du salicylate de soude et de la boldine. *Arch. internat. physiol., Liège*, 1927, 28: 96-9.—**Loeper, M., Lemaire, A., & Dany, H.** Influence de l'holimbinisation sur les réponses de la vésicule biliaire à l'adrénaline et à l'éphédrine. *C. rend. Soc. biol.*, 1933, 113: 1476.—**—** Influence de l'atropinisation sur la réponse vésiculaire à l'acétylcholine. *Ibid.*, 1478.—**Loeper, M., Lemaire, A., & Tauzin, J.** L'influence de quelques agents pharmacodynamiques sur la motricité de la vésicule biliaire. *Nutrition*, *Par.*, 1931, 1: 367-74.—**Lueth, H. C., Orndoff, B. H., & Ivy, A. C.** Effect of histamine on gall-bladder evacuation. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 311.—**Piery & Milhaud.** Action des eaux minérales sur le contenu de la vésicule biliaire. *Nutrition*, *Par.*, 1932, 2: 529-62. Also *Rapp. Congr. internat. lith. biliaire*, 1932, 1. Congr., Suppl., 1-40.—**Rathery, F., Violle, P. L., & Wolff, R.** Etude de l'action d'une eau sulfatée-calcique et d'une eau bicarbonatée sodique sur l'écoulement biliaire par fistule vésiculaire chez deux cholécystostomisés. *Presse therm. clim.*, 1933, 74: 572-8.—**Sato, T.** Ueber die Wirkung der Spinat- und Organextrakte auf die Bewegung der Gallenblase. *Nagoya J. M. Sc.*, 1935, 8: 151-72.—**Schube, P. G., Myerson, A., & Lambert, R.** Human autonomic pharmacology; the effect of acetyl-beta-methylcholine chloride on the gall-bladder. *Am. J. Digest. Dis.*, 1938-39, 5: 687-90.—**—** The effect of benzedrine, benzedrine and atropine, and atropine on the gall-bladder. *Am. J. M. Sc.*, 1939, 197: 57-61.—**Schube, P. G., Ritvo, M.** [et al.] Human autonomic pharmacology; the effect of benzedrine sulfate on the gallbladder. *N. England J. M.*, 1937, 216: 694-7.—**Tudoranu, G., Herescu** [et al.] Action de quelques eaux minérales de Roumaine sur la vésicule biliaire. *C. rend. Congr. internat. lith. biliaire*, 1932, 1. Congr., 387-90.—**Voegtlin, W. L., & Ivy, A. C.** An investigation concerning certain substances reported to affect the motility of the gall-bladder. *Am. J. Digest. Dis.*, 1934-35, 1: 174-7.—**Zanetti, S.** Osservazioni intorno ad una nuova sostanza ad azione cosiddetta colecistocinetica; il doryl; considerazioni sul problema del meccanismo di vuotoamento vescicolare. *Ann. radiol., Bologna*, 1939, 13: 443-55.

Physiology.

GORHAM, F. W., & IVY, A. C. General function of the gall-bladder from the evolutionary standpoint. p.159-213. 21½cm. *Chic.*, 1938.

STAHL, A. *Die Konzentrationsfähigkeit der Gallenblase bei fieberhaften Erkrankungen. 27p. 8°. *Frankf. a. M.*, 1927.

Bachmann, G. Physiology of the biliary system. *Bull. Fulton Co. M. Soc.*, 1938, 12: No. 18, 4.—**Baltacéano, G., & Vasiliu, C.** La corrélation fonctionnelle entre la vésicule biliaire et le duodénum. *C. rend. Soc. biol.*, 1934, 115: 676-8.—**Bauer, R., & Chinassi Iakki, A.** Le mucus de la vésicule biliaire. *Presse méd.*, 1932, 40: 650-3.—**Birch, C. L., & Boyden, E. A.** Reaction of gall-bladder to faradic stimulation of stomach.

- Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 466. Also Am. J. Physiol., 1930, 92: 301-16.—**Blond, K.** Zur Gallenblasenphysiologie und -pathologie. Klin. Wschr., 1927, 6: 1606-8.—**Boilman, J. L.** Physiology of the gallbladder. In Dis. gallbladder (W. Walters) Phila., 1940, p.41-54.—**Bonhomme, C.** Sur un point particulier de la muécinogénèse de l'épithélium cholécystique. Arch. Soc. sc. méd. biol. Montpellier, 1939, 20: 494-8.—**Boyden, E. A.** An analysis of the reaction of the human gall-bladder to food. Anat. Rec., 1928, 40: 147-89, pl. — Concerning the prevalent denial of functions long attributed to the gall-bladder. Surg. Gyn. Obst., 1928, 46: 30-41. — Reaction of the gall-bladder to stimulation of visceral nerves. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 647. — Behavior of human gall-bladder during fasting and in response to food. Ibid., 1926-27, 24: 157-62. — & **Fuller, A. H.** Anatomy and physiology of the gallbladder in children; a cholecystographic study. Am. J. Dis. Child., 1934, 48: 565-79.—**Boyden, E. A., & Parmacek, L.** Reflex inhibition of the human gall-bladder. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 462-4.—**Boyden, E. A., & Rigler, L. G.** A cholecystographic and fluoroscopic study of the reaction of the human gall-bladder to Faradic stimulation of the stomach and duodenum. Anat. Rec., 1934, 59: 427-47.—**Broussy, J., & Samadi, A. G.** Sur quelques points particuliers de l'histophysiologie de l'épithélium de la vésicule biliaire du cobaye. Arch. Soc. sc. méd. biol. Montpellier, 1933, 14: 473-82.—**Brummelkamp, R.** [Physiology of gall-bladder] Ned. tschr. geneesk., 1929, 73: 3261-71.—**Buisson, P.** Le reazioni della cistifellea agli stimoli psichici. Radiol. med., Milano, 1934, 21: 44-52.—**Campbell, J. A.** Gas tensions in the gall-bladder. J. Physiol., Lond., 1932-33, 77: 6P-8P.—**Cascao de Anciers, J. H.** Sur la fonction des glandes de la muqueuse de la vésicé biliaire. C. rend. Soc. biol., 1933, 113: 735-737.—**Chiray, M., & Pavel, I.** Physiologie de la vésicule biliaire. Presse méd., 1925, 33: 713-6. Also In Traité physiol. norm. path. (Roger, G. H. & Binet, L.) Par., 1928, 3: 253-310.—**Clauser, F.** La cistifellea in gravidanza. Riv. ital. gin., 1929-30, 9: 677-720.—**De Bernardis, M.** Ulteriori ricerche sperimentali per lo studio del complesso anatomico e funzionale cistico-zona colletto-cistico; cistifellea. Arch. sc. med., Tor., 1937, 64: 851-900.—**Dreier, J. F., Crellin, W. N., & Rehfuess, M. E.** The physiology of the gallbladder. Rev. Gastroenter., 1934, 1: 24-32.—**Eaton, A. G.** The physiology of the gall-bladder. Tristate M. J., 1938-39, 11: 2168-70.—**Elman, R., & Taussig, J. B.** The cholesterol function of the gall-bladder. J. Exp. M., 1931, 54: 775-87.—**Fortunato, A.** La funzione della vescicetta biliare alla luce dei più moderni studi. Morgagni, 1931, 73: 459-70.—**Gaudentia, M.** Anatomy and physiology of the biliary tract. X-ray Technician, 1937-38, 9: 179.—**Gorham, F., & Ivy, A. C.** Evolutionary contributions to the general function of the gall-bladder. Am. J. Digest. Dis., 1937-38, 4: 792-6.—**Graham, E. A.** New developments in our knowledge of the gall-bladder. Proc. Inst. M. Chicago, 1926, 6: 88-107. Also Am. J. M. Sc., 1926, 172: 625-43.—**Halpert, B.** The gallbladder, its functions and some of their disturbances in the light of recent investigations. Arch. Surg., 1929, 19: 1037-60. Also repr. — & **Hanke, M. T.** Observations on the function of the gall-bladder; experiments with methylene blue on rabbits. Am. J. Physiol., 1929, 88: 351-61.—**Halpert, B., & Lewis, J. H.** Experiments on the isolated whole gall-bladder of the dog. Ibid., 1930, 93: 506-20.—**Harding, H. E.** The functions of the epithelium of the gall-bladder. Guy's Hosp. Rep., Lond., 1934, 84: 186-96.—**Heckmann, K.** Die Funktion der Gallenblase als Regulator des entero-hepatischen Kreislaufes und als entgiftendes Organ; ein Beitrag zur Cholecystographie und ihre biologischen und chemischen Grundlagen. Klin. Wschr., 1934, 13: 760-6. — Ueber die Funktion der Gallenblase. Wien. med. Wschr., 1936, 86: 211-4.—**Held, I. W., & Goldbloom, A. A.** Functions of the gall-bladder. Med. Clin. N. America, 1929, 13: 515-56.—**Hoesch, K.** Beiträge zur Funktion der Gallenblase. Deut. Arch. klin. Med., 1926-27, 154: 313-26.—**Holland, A. L.** The gall-bladder function as affected by the operation of gastro-enterostomy. Med. Clin. N. America, 1928, 12: 557-60.—**Huggins, C. B., & Sammet, J. F.** Function of the gall-bladder epithelium as an osteogenic stimulus and the physiological differentiation of connective tissue. J. Exp. M., 1933, 58: 393-400, 3 pl.—**Imanaga, H., Harada, H., & Wakamatu, H.** Experimentelle Untersuchungen über den Füllungsmechanismus der Gallenblase. Arch. klin. Chir., 1937, 188: 432-48.—**Ivy, A. C.** The newer physiology of the gall-bladder. Proc. Interst. Postgrad. M. Ass. N. America, (1929) 1930, 5: 378-82, 9 pl. Also Physiol. Rev., 1934, 14: 1-102. — & **Goldman, L.** Physiology of the biliary tract. J. Am. M. Ass., 1939, 113: 2413-7.—**Kalk, H., & Schöndube, W.** Ueber die Funktion der Gallenblase; Untersuchungen an Normalen an Hand der Pituitrin-, beziehungsweise Hypophysinprobe. Zschr. ges. exp. Med., 1926, 53: 461-83.—**Leb, A.** Beitrag zur Röntgenphysiologie der Gallenblase. Wien. med. Wschr., 1936, 86: 911-3. Also Fortsch. Röntgenstrahl., 1937, 56: 5.—**Levy, L.** A brief review of the physiology of the gall-bladder. N. York State J. M., 1932, 32: 61-3.—**Löhner, L.** Neuere Forschungen und Anschauungen über Gallenblasen-Funktionen. Mitt. Ver. Aerzte Steiermark, 1928, 65: 181-5.—**Milnes, E.** Nota previa a un trabajo de contribución al estudio de la fisiología normal y patológica de la vesícula biliar. Dña méd., B. Air., 1932-33, 5: 235.—**Miyake, S.** The function of the gall-bladder. J. Orient. M., Dairen, 1931, 14: 21-4.—**Mogena, H. G.** La función de la vesícula biliar. Arch. med., Madr., 1927, 27: 427-31.—**Nechetes, H.** A study of gall-bladder function. Tr. Am. Gastroenter. Ass., 1938, 41. Meet., 90-3. Also Am. J. Digest. Dis., 1938-39, 5: 568-71.—**Newman, C.** Physiology of the gall-bladder and its functional abnormalities. Lancet, Lond., 1933, 1: 785; 896.—**Pfuhl, W.** Beitrag zur physiologischen Anatomie der Gallenblase. Arch. klin. Chir., 1927, 147: 490-8.—**Polya, J.** [Function of the gall-bladder] Orv. hetil., 1939, 83: 533-7.—**Potapov, V. G.** [Function of the gall-bladder] Russ. klin., 1929, 12: 544-51.—**Potter, M. G.** Observations of the gallbladder and bile during pregnancy at term. J. Am. M. Ass., 1936, 106: 1070-4.—**Rapant, V.** Contribution à l'étude de la fonction régulatrice du vésicule biliaire. C. rend. Soc. biol., 1935, 119: 653.—**Remyse, J. G.** The physiological significance of the gall-bladder. Surg. Gyn. Obst., 1926, 43: 181-4.—**Rewbridge, A. G., & Halpert, B.** Roentgen-physiological studies on the gall-bladder; experiments with lipiodol and brominol-light on the dog. Am. J. Roentg., 1930, 24: 634-9. — & **Hanke, M. T.** Further observations on the function of the gall-bladder; experiments with methylene blue on the dog. Am. J. Physiol., 1930, 95: 511-8.—**Schmidt, C. R., & Ivy, A. C.** The general function of the gall-bladder; do species lacking a gall-bladder possess its functional equivalent? the bile and pigment output of various species of animals. J. Cellul. Physiol., 1937, 10: 365-83.—**Shell, W. T.** Recent advances in the physiology of the liver and gallbladder and their relation to gallbladder surgery. Texas J. M., 1929-30, 25: 349-53.—**Silverman, D. N., & Mcnville, L. J.** Certain phases of gallbladder function; their clinical value. N. Orleans M. & S. J., 1927-28, 80: 730-2.—**Stern, R. F.** The physiology of the gall-bladder. M. & S. Rep. Episc. Hosp., Phila., 1930, 6: 117-27.—**Sules, J.** [Significance of the function of the gall-bladder for the secretory activity of the pancreas and gastrointestinal tract] Latv. Univ. rak., 1931, 1: 241-64.—**Sweet, J. E.** The function of the gall-bladder. Ann. Surg., 1929, 90: 939-47.—**Whitaker, L. R.** The mechanism of the gall-bladder. Am. J. Physiol., 1926, 78: 411-36. Also repr. — Problems in normal and in abnormal physiology of the gallbladder. Arch. Surg., 1929, 18: 1783-802. — & **Walker, B. S.** An atraumatic method for the study of gallbladder secretion. Rev. Gastroenter., 1935, 2: 129-32.
- porcelain.
See Gallbladder, calcified.
- Ptois.
See also Gallbladder, floating.
Feldman, M. The ptosed gall-bladder; a roentgenological study. Radiology, 1934, 22: 603-9.—**Pribram, B. O.** Ueber fixierte Cholecystoptose. Zbl. Chir., 1925, 52: 2002-5.
- Radiology.
COGHLAN, E. H. *Estudio radiológico de la vesícula biliar. 81p. 8° Santiago, 1929.
EISLER, F., & KOPSTEIN, G. Röntgendiagnostik der Gallenblase. 153p. 8° Lpz., 1931.
HIRSCH, E. *Contribution à l'examen radiologique de la vésicule et des voies biliaires. 75p. 8° Par. (1936) 1937.
LOCHNER, H. [M.] *Ueber die Kontrastdarstellung der Gallenblase. 36p. 8° Halle, 1927.
MULLEN, R. A. *Gall-bladder visualization [Marquette Univ.] 13p. 4° Milwaukee, 1925-26.
WEIER, F. H. K. *Ueber die Darstellung der Gallenblase im Röntgenbilde. 28p. 8° Greifsw., 1930.
Anderson, C. C. The X-ray examination of the gall-bladder. N. Zealand M. J., 1925, 24: 201-9, 2 pl.—**Barron, W. M.** Roentgenological study of the gallbladder and bile ducts. Texas J. M., 1938-39, 34: 846-8.—**Böfinger, A.** Die röntgenologische Darstellung der Gallenblase. Med. Kor. Bl. Württemberg, 1928, 98: 575-8.—**Burden, V. G.** The X-ray gall-bladder; a surgical opinion. Am. J. Surg., 1933, 22: 60-3.—**Davidson, W.** The radiographic investigation of the gall-bladder. Newcastle M. J., 1937, 17: 17-22.—**Feissly, P.** Présentation de radiographies de la vésicule biliaire. Arch. mal. app. digest., Par., 1926, 16: 815-8.—**Fermin, H. E. A.** [Roentgen examination of the gall-bladder] Ned. tschr. geneesk., 1939, 83: 1559-64.—**Friedman, J. C., Strauss, A. A., & Arens, R. A.** A clinical radiological study of the gall-bladder. Radiology, 1925, 5: 93-100.—**Gianturco, C., & Kirklin, B. R.** Visualization of the walls of the gall bladder, an experimental study. Am. J. Physiol., 1933, 106: 46.—**Gillies, C. L.** The X-ray examination of the gallbladder. J. Iowa M. Soc., 1937, 27: 473-5.—**Graham, E. A.** The roentgenological examination of the gall-bladder. Canad. M. Ass. J., 1927, 17: 1019-23.—**Hodgson, H. G.** The radiology of the gall-bladder. Proc. R. Soc. M., Lond., 1934, 27: 1473-8, 2 pl.—**Holmes, G. W.** The roentgen examination of the gall bladder. N. England J. M., 1933, 209: 1039-41.—**Kirklin, B. R.** X-ray examination of gall-bladder. In Cyclop. Med. (Piersol-Bortz) Phila., 1940, 13: 60-3.—**Kommerell, B.** Welche Anforderungen müssen

heute an eine Röntgenuntersuchung der Gallenblase gestellt werden? Klin. Wschr., 1936, 15: 277-9.—Lange, S. The gallbladder as revealed by the Roentgen ray. J. Am. M. Ass., 1925, 85: 2021-3.—Lannan, E. L. Gallbladder visualization. West Virginia M. J., 1931, 27: 62-6.—Lazeanu, E., & Hillel, A. [Roentgenologic examination of the gall-bladder] Rev. st. med., Bucur., 1926, 15: 745-60.—Lebermann, F. Ueber die röntgenologische Darstellung der Gallenblase. Fortsch. Med., 1926, 44: 531-7.—Ludin, M. Die Röntgenuntersuchung der Gallenblase. Schweiz. med. Wschr., 1928, 58: 450-3.—McDeed, W. G. Visualization of the gall-bladder. Texas J. M., 1926-27, 22: 449-51.—Madinaveitia, J. M., & Pérez Ricarte, M. Radioscopia de la vesícula biliar. Arch. med., Madr., 1926, 24: 158-64.—Menville, L. J. X-ray examination of the visualized gall-bladder. N. Orleans M. & S. J., 1926-27, 79: 553-7.—Nemours-Auguste. L'examen radiologique de la vésicule biliaire. Bull. Soc. chir. Paris, 1931, 23: 459-68.

Est-il utile de faire l'examen radiologique de la vésicule biliaire? Hôpital, 1931, 19: 504.—La radiologie de la vésicule biliaire. Bull. Soc. méd. Paris, 1935 244.—Palugay, J. Ueber die derzeitigen Ergebnisse der Gallenblasenröntgenologie. Wien. klin. Wschr., 1927, 40: 869-73.—Pfribram, B. O. Die Darstellung der Gallenblase im Röntgenbild. Umschau, 1925, 29: 991-4.—Pfribram, Grunenberg & Strauss, O. Der röntgenologische Nachweis der Gallenblase. Med. Klin., Berl., 1925, 21: 1102.—Ramos Casellas, P. Aspecto radiológico de la vesícula biliar. Bol. As. méd. Puerto Rico, 1939, 31: 33-40.—Rowe, E. W. Radiology of the gallbladder. Nebraska M. J., 1929, 14: 107-12.—Schmidt, F. Darstellung der Gallenblase im Röntgenbilde. Med. Welt, 1927, 1: 1254.—Spangler, D. Nine years' experience with gallbladder visualization. South. M. J., 1935, 28: 144-8.—Street, G. M. The Roentgenologic study of the gallbladder. Surg. J., 1927-28, 34: 10-3.—Vignal, W. Les notions actuelles sur la radiologie de la vésicule biliaire. Paris méd., 1926, 61: 387-93.—Walsh, E. L., & Ivy, A. C. Gall-bladder visualization and jaundice. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 382.—Waterhouse, R. G. Radiological studies of the gall-bladder. Virginia M. Month., 1926-27, 53: 798-801.—Watkins, W. W. X-ray examination of the gall-bladder. Southwest. M., 1926, 10: 428-34.—Weisz, A. [Roentgen examination of the gall-bladder] Gyógyszer, 1926, 66: 424-7.—Wilkinson, W. Gallbladder visualization. J. M. Ass. Alabama, 1935-36, 5: 13.—Zdansky, E. Röntgenologie der Gallenblase. Wien. med. Wschr., 1936, 86: 596-8.

Radiology: Cholecystography.

See also Bile-ducts, Roentgenography.

LACHMANN, H. *Die röntgenologische Darstellung der Gallenblase mit Kontrastmitteln (Cholecystography) 46p. 8° Lpz., 1928.

SETA, P. R. *De la cholécystographie. 64p. 8° Par., 1936.

Akaiwa, H., & Komori, H. Ueber die Cholecystographie. Arch. klin. Chir., 1938, 192: 405-35.—Bätzner, W. Die röntgenographische Darstellung der Gallenblase mit Kontrastmitteln [by contrast effect] Tunghil med. Mschr., 1926-27, 2: 46-54. Also Rev. med. Hamburgo, 1926, 7: 179-83.—Banu, N. D. [Cholecystography] Rev. st. med., Bucur., 1936, 25: 1-18.—Benassi, E. Colecistografia e funzionalità della cistifellea (nota preventiva) Radiol. med., Milano, 1926, 13: 339-47.—Boine, J. La cholécystographie. Rev. méd., Louvain, 1925, 324-7.—Cadé, J. B. Cholecystography. Bull. Guthrie Clin., 1936, 6: 21-6.—Davis, D., & Talley, D. D., jr. Cholecystography and gastric acidity. J. Am. M. Ass., 1929, 92: 110.—Dette, Ueber die Kontrastdarstellung der Gallenblase. Klin. Wschr., 1926, 5: 1394.—Eisler, F., & Nyiri, W. Die Röntgenuntersuchung der kontrastgefüllten Gallenblase. Wien. klin. Wschr., 1925, 38: 1123-5.—Fariñas, P. L. Colecistografia clinica. Actas Congr. As. méd. panamer. (1928-29) 1930, 1. Congr., 173-94.—Furst, N. J., & Gelber, L. J. A comparative roentgen study of oral cholecystography. J. M. Soc. N. Jersey, 1937, 34: 315-20.—Galla, B. [Cholecystography] Gyógyszer, 1938, 78: 548.—Gallart, F., Pinós, A., & Vilardell, J. Estudio radiológico de la vejiga biliar por el método de los colorantes ópacos. Rev. méd. Barcelona, 1926, 2. ser., 5: 589-607.—Graham, E. A. The present status of cholecystography and remarks on the mechanism of emptying of the gall-bladder. Surg. Gyn. Obst., 1927, 44: 153-62.—Ide, M. Cholecystographie. Rev. méd., Louvain, 1928, 373-81.—Jacotot, P., & Lachapèle, A. L'obstruction de la vésicule biliaire par la cholécystographie. Bull. Soc. radiol. méd. France, 1930, 18: 381-9.—Jagues & Wangermez. Contribution à l'étude de la vésicule biliaire normale et pathologique au moyen de la cholécystographie par voie buccale. Arch. électr. méd., 1927, 37: 417-27.—Jenkins, E. L. Cholecystography. J. Am. M. Ass., 1936, 107: 755-7.—Hunter, A., & Roberts, E. W. Cholecystography. S. Luke Hosp., Chic., 1937, 1: 11-4.—Kartal, S. Röntgenologische in vitro-Versuche über das Zustandekommen der Kontrastfüllung der Gallenblase Fortsch. Röntgenstrahl., 1928, 37: 715-7.—Kirklin, B. R. Cholecystography in its 15th year. South. M. J., 1939, 32: 822-4. Also In Dis. gallbladder (W. Walters) Phila., 1940, 109-17.—Kornblum, K. Medical economics of cholecystography. Am. J. Roentg., 1939, 42: 529-31.—Laquerrière & Morel-Kahn. Etude radiologique de la vésicule biliaire la

choléocystographie. J. méd. Paris, 1926, 45: 549.—Lomon, A., & Laurent-Gérard, P. Remarques sur l'épreuve de la visibilité vésiculaire après absorption de la tétraiodophenolphthaleine par voie digestive. Presse méd., 1926, 34: 1060.—Lyons, C. G. Cholecystography. Mil. Surgeon, 1939, 85: 61-5.—Markovits, I. [Contraindications of cholecystography] Orv. hetil., 1936, 80: mell., 8.—Meisezahl, W. Ueber die Darstellung der normalen Gallenblase. Beitr. klin. Chir., 1927, 140: 330.—Newcomer, N. B., Newcomer, E., & Conyers, C. A. Gallbladder visualization by administration of radio-opaque substances. Colorado M., 1926, 23: 94-102.—Odelberg, A. Roentgen investigations of contrast-filled gall-bladders. Acta radiol., Stockh., 1926, 7: 220-8.—Olin, H. A. Cholecystography; history of roentgen gall-bladder diagnosis and recent advances. Illinois M. J., 1934, 65: 57-64.—Pendergrass, E. P. Some practical considerations of cholecystography; from the roentgenologic aspect. Pennsylvania M. J., 1933-39, 42: 787-90.—Rachwalsky, E. Die röntgenologische Darstellung der Gallenblase bei oraler Darreichung des Kontrastmittels. Klin. Wschr., 1926, 5: 66.—Roch, M., & Katzenbogen, S. Radiographie de la vésicule biliaire rendue visible par le sel de sodium de la tétrabromphénolphthaleine. Rev. méd. Suisse rom., 1926, 46: 215-20.—Sessa, P., & Porta, R. Contributo allo studio roentgenologico della cistifellea con la coleocistografia. Radiol. med., Milano, 1927, 14: 192-208.—Scigliano, L. La coleocistografia. Athena, Roma, 1936, 5: 214-8.

Radiology: Cholecystography: Diagnostic value.

GÜLICH, K. G. *Die Cholezystographie und ihre diagnostische Bedeutung für die Chirurgie. 32p. 8° Jena, 1937.

Barker, W. C. Diagnostic value of X-ray examination of the gallbladder after the intravenous injection of tetraiodophenolphthalein. Med. J. & Rec., 1925, 122: 369-73.—Bársony, T. Cholezystographische Erfahrungen; störende Pleura- und Lungenschatten in der Projektion der Gallenblase. Röntgenpraxis, 1934, 6: 281.—Baštecký, J. [Experiences with cholecystography of gall-bladder by Graham's method] Cas. lek. česk., 1927, 66: 53-5.—Bélot, J., & Nahan, L. La radiologie du praticien: cholélithase (t cholécystoradiographie. Presse méd., 1936, 44: 1679.—Blond, K. Cholecystographie und Funktion der Gallenblase. Fortsch. Röntgenstrahl., 1930, 41: 571-81.—Bronner, H. Die cholezystographische Motivitätsprüfung der Gallenblase und ihre Ergebnisse. Ibid., 1929, 39: 23-76.—Busos, F. M., & Wybert, A. Indicaciones y resultados del método de Pfribram. Arch. argent. enferm. ap. digest., 1936-37, 12: 389-93.—Carranca & Trujillo, R. Valor clínico de la coleocistografia. Rev. radiol. bioter., Chic., 1934, 1: No. 3, 16-20.—Case, J. T. The relative value of cholecystography and the so-called direct and indirect methods of roentgenologic examination of the gall-bladder. Am. J. Roentg., 1926, n. ser., 16: 238-50.—Chandler, L. R., & Newell, R. R. Cholecystography and pathologic changes in gallbladder; correlation as observed in a study of 50 consecutive cases. J. Am. M. Ass., 1927, 88: 1550-2.—D'Amato, G. Ergebnisse der röntgenologischen Darstellung der Gallenblase mittels Kontrastfüllung (Cholezystographie) Erg. med. Strahlenforsch., 1928, 3: 487-545.—Feissly, R. Note sur de nouvelles recherches sur la cholécystographie: ses applications au diagnostic et à l'étude de la physiologie du foie et du cholécyste. Rev. méd. Suisse rom., 1927, 47: 912-8.—Ferguson, A. N., & Palmer, W. L. Cholecystography: its clinical evaluation; a study of 2,070 cases. J. Am. M. Ass., 1933, 100: 809-12.—Fogelson, S. J. Cholecystography as an aid in determining gall-bladder stasis in pregnancy. Am. J. Obst., 1929, 17: 613-20.—Fraikin, A., & Burill, I. M. Etude cholécystographique et valeur des procédés modernes de coloration de la vésicule biliaire. Presse méd., 1927, 35: 820-5.—Friedman, L. J., & Friedman, P. S. A historical review of the roentgen studies of the gall-bladder and newer concepts of diagnostic criteria based on 1,000 cholecystographies; 81 operated on. Am. J. Roentg., 1938, 39: 548-63.—Garcin, J. Technique et valeur des différentes méthodes d'opacification de la vésicule biliaire d'après une statistique de 1,174 cholécystographies. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 460-4.—George, A. W. The practical value of the Graham-Cole method in the diagnosis of gall-bladder disease, as compared with the older method. Radiology, 1926, 6: 292-9.—Harding, D. B. Cholecystography; a review of 34 cases with operative findings. Kentucky M. J., 1930, 28: 596-8.—Hodges, F. J. The practical value of cholecystography in surgery of the gallbladder. Am. J. Surg., 1938, 40: 146-51.—Kaznelson, P., & Reimann, F. Erfahrungen über die röntgenologische Darstellung der Gallenblase mittels Tetrabromphenolphthalein nach Graham-Cole. Klin. Wschr., 1925, 4: 1390-5.—Kirklin, B. R. Cholecystography as an aid to diagnosis. J. Arkansas M. Soc., 1937-38, 34: 137-9.—Lutz, W., & Seyfried, H. Zur Wertung der oralen Cholezystographie. Klin. Wschr., 1938, 17: 933-5.—Milani, E. Considerazioni sul valore pratico della coleocistografia. Policlinico, 1939, 46: sez. prat., 1491-8.—Monari, A. Considerazioni su 500 coleocistografie. Arch. ital. mal. app. diger., 1937, 6: 566.—Moore, S. Cholecystography; appraisal after 15-year period. Northwest M., 1940, 39: 43-53.—Newcomer, N. B., Newcomer, E., & Conyers, C. A. Conclusions based upon the routine intravenous administration of sodium tetraiodophenolphthalein in gall-bladder diagnosis.

Radiology, 1928, 11: 56-71.—Olsson, O. [On the reliability of peroral cholecystography] Nord. med., 1939, 3: 2896-900.—**Palefski, I. O.** The clinical significance of visualization of the gallbladder with tetraiodophenolphthalein of sodium. Med. J. & Rec., 1925, 123: 590-2.—**Risolia, A. J., & Triaca, J. A.** Consideraciones sobre un error de diagnóstico colecistográfico. Sem. méd., B. Air., 1937, 44: pt 2, 608-10.—**Tudoranu, G.** [Erroneous interpretation of cholecystography] România med., 1938, 16: 291.—**Ungar, E.** Technische Mängel als Ursache der Nichtdarstellbarkeit der Gallenblase bei der peroralen Cholezystographie. Röntgenpraxis, 1934, 6: 184-6.—**Verbruyck, J. R., Jr.** Cholecystographic gall-bladder diagnosis. Tr. Am. Gastroenter. Ass. (1926) 1927, 29: 284-8.—**Vespignani, A.** Nuovi elementi per la valutazione della motilità e del tono della colecisti mediante la colecistografia. Atti Congr. ital. radiol., 1928, 8. Congr., pt 2, 160-2.

— Radiology: Cholecystography: Dye, and its administration.

DRIEDGER, W. *Die Resorption des rectal einverleibten Farbstoffes bei der röntgenographischen Darstellung der Gallenblase. 37p. 8°. Königsb., 1928.

HAMILTON, W. P. *Oral cholecystography. 22p. 8°. S. Paul, 1936.

SCHÜNEMANN, K. W. *Ueber die diagnostische Füllung der Gallenblase mittels Oraltetragnost und ihre Entleerung auf Eigelb [Rostock] 28p. 8°. Düsseldorf, 1935.

TOUSIGNANT, A. N. *Sodium salt of tetra-bromophenolphthalein as an aid in roentgenological diagnosis of cholecystic disease [Marquette Univ.] 10p. 4°. Milwaukee, 1924-25.

Barcia, P. A., Menéndez, C., & Leborgne, F. E. El estudio radiográfico de la vesícula biliar por medio de la tetraiodofenolfaleína; por vía intravenosa y por vía digestiva. An. Fac. med., Montev., 1925, 10: 763-82, 17 pl.—**Benzi, T.** Somministrazione orale di bromuri e visibilità radiologica della cistifellea. Boll. Soc. med. chir., Pavia, 1925, 38: 619-22.—**Brockmann, F., & Schenck, V.** Oral-Tetragnost, ein neues Präparat zur Darstellung der Gallenblase im Röntgenbild. Deut. med. Wschr., 1929, 55: 1380.—**D'Amato, G.** Sulla visibilità della vescichetta biliare a mezzo delle iniezioni di tetrabromofenolfaleína. Radiol. med., Milano, 1926, 13: 39-55.—**Di Piero, V.** Gli effetti della colecistografia con la tetrabromofenolfaleína. Ann. ital. chir., 1937, 16: 149-68.—**Engels, H.** Ueber ein sehr zuverlässiges Kontrastmittel zur oralen Gallenblasendarstellung. Röntgenpraxis, 1929, 1: 258-60.—**Feldman, M.** Cholecystography; the single-dose versus the double-dose methods of administering the dye. Radiology, 1939, 32: 155.—**Fouts, R. W.** The value of dye in gall-bladder examinations. Arch. Phys. Ther., 1927, 8: 468-72.—**Glassman, I.** Modified method of oral administration of gallbladder dye for satisfactory cholecystography. Med. Rec., N. Y., 1939, 149: 56-8.—**Grailly, R., & Mandillon, G.** L'ombre de la vésicule biliaire suivie radiographiquement, après préparation au Poriod et ingestion de teinture de Boldo. C. rend. Soc. biol., 1934, 117: 1114-6. Also Bordeaux chir., 1935, 6: 50.—**Grilli, A.** Esplorazione radiologica delle vie biliari mediante iniezione di contrasto attraverso fistole e drenaggi; su un caso di visualizzazione del Wirsung. Atti Congr. ital. radiol., 1934, 11. Congr., pt 2, 285-92.—**Hartlieb, H. O.** Zur Technik der Cholezystographie (Doryl oder Fildotter?) Deut. med. Wschr., 1939, 65: 1002.—**Heuser, E.** Röntgenographie der Gallenblase, der kleinen Nierensteine nach der intravenösen Einspritzung von Tetraiodophenolphthalein. Fortsch. Röntgenstrahl., 1925, 33. Kongr., 125.—**Holtmann, N.** Ein Fall von schwerstem Kollaps nach Injektion von Tetraiodophenolphthalein Merck zur Röntgendarstellung der Gallenblase. Münch. med. Wschr., 1926, 73: 851.—**Johnson, J., & Hitzrot, L. H.** Caesium tetraiodophenolphthalein; a new salt for gall-bladder visualization. J. Pharm. Exp. Ther., 1935, 54: 358-66.—**Kopelman, S. L., Ioffe, B. M., & Negovsky, N. Y.** [Oral cholecystography by means of tetragnost of Soviet manufacture] Vest. rentg., 1939, 23: 33-8.—**Kreňák, V.** [Cholecystography with Sombrachol] Cas. lék. česk., 1938, 77: 690.—**Lueth, H. C., & Ivy, A. C.** Attempts to visualize the gall-bladder of the rabbit with tetraiodophenolphthalein. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 184.—**Lutz, W.** Ueber die Resorption von oral verabreichtem Tetraiodophenolphthalein. Klin. Wschr., 1938, 17: 1180-3.—**Seyfried, H.** Gefahren der intravenösen Cholezystographie. Münch. med. Wschr., 1938, 85: 1019.—**Menees, T. O., & Robinson, H. C.** Magnesium tetraiodophenolphthalein in oral cholecystography. Am. J. Roentg., 1938, 39: 373-6.—**Newell, R. R.** Roentgenographic estimation of concentration of tetraiodophenolphthalein in the gall-bladder. Ibid., 1927, n. ser., 17: 443-6.—**Briggs, R.** Cholecystography: optimum voltage; tetrabrom- versus tetraiodophenolphthalein. Radiology, 1940, 34: 568-70.—**Nordin, G. T.** The intravenous administration of the gall-bladder dye for diagnosis. J. Lancet, 1931, 51: 41-3.—**Orator, V., & Walchsofer, F.** Zwei Beiträge zur Cholezystographie; tierexperimenteller Vergleich der verschiedenen Gallenblasen-

Kontrastmittel. Deut. Zschr. Chir., 1927, 205: 86-91.—**Pfriem, B. O.** Ueber ein neues Kontrastmittel zur röntgenologischen Darstellung der Gallenblase. Deut. med. Wschr., 1926, 52: 1291.—**—** Zur Technik der röntgenologischen Darstellung der Gallenblase mit Dijodatophan (Biloptin) Ibid., 1927, 53: 367.—**—** Ueber ein neues Kontrastmittel zur Röntgendarstellung der Gallenblase (Choleselectan) Versuche über die Beziehungen zwischen chemischer Konstitution und Hepatotropie. Münch. med. Wschr., 1936, 83: 1838-40.—**Radice, L.** Azione della tetrabromo- e tetraiodofenolfaleína (ricerche sperimentali) Ann. ital. chir., 1928, 7: 113-41. Also Arch. radiol. Nap., 1928, 4: 519-33.—**Roseno, A.** Sind die peroralen Mittel zur röntgenologischen Gallenblasendarstellung zuverlässig? Deut. med. Wschr., 1926, 52: 1949.—**Saralegui, J. A.** Inyector colecistodisométrico, modelo del Dr J. A. Saralegui para la técnica de las colecistografías; descripción y uso del aparato. Sem. méd., B. Air., 1925, 32: pt 2, 308-11.—**Schwarz, G.** Vergiftung mit Dijodatophan (Biloptin) Wien. med. Wschr., 1927, 77: 259.—**Sendtner-Voelckendorf, T.** Neuere Erfahrungen über intravenöse und perorale Methode der Gallenblasenfüllung. Med. Klin., Berl., 1927, 23: 1374.—**Stewart, W. H., & Illick, H. E.** Las ventajas de la colecistografía oral intensificada. Rev. radiol. fisioter., Chic., 1936, 3: 111-7. Also Rev. Gastroenter., 1937, 4: 20.—**Tabanera, J. A.** Contribución al estudio de la colecistografía oral. Sem. méd., B. Air., 1937, 44: pt 2, 713-6.—**Thom, B.** Die orale Gallenblasendarstellung im Röntgenbild. Röntgenpraxis, 1931, 3: 17-33.—**Weigel, E.** Injection au lipiodol des canaux biliaires par une fistule après cholécystectomie. Bull. Soc. radiol. méd. France, 1936, 24: 752-4.—**Wright, H. E.** A study of the comparative values of the oral and intravenous methods of gall-bladder visualization. South. M. J., 1931, 24: 375-8.—**Zabludovich, S.** Oral colecistografia con grandes ingestiones de glucosa tardía y fraccionada. Día méd., B. Air., 1938, 10: 1149-51.

— Radiology: Cholecystography: Interpretation of data.

Adler, A. Ueber die Entleerung der mit Tetraiodophenolphthalein gefüllten Gallenblase. Mitt. Grenzgeb. Med. Chir., 1926-27, 40: 196-204.—**Bárony, T.** Cholecystographische Erfahrungen; Steinnachweis erst in der kontrahierten Gallenblase. Röntgenpraxis, 1934, 6: 92.—**—** Cholecystographische Erfahrungen; die kontrahierte Gallenblase. Ibid., 146.—**Bermond, M.** Il fenomeno della stratificazione endocolecistica della bile nel rilievo radiologico e suo significato nella fisiopatologia della cistifellea. Ann. radiol., Bologna, 1938, 12: 350; 509, pl.—**Bernstein, A.** Ueber funktionelle Cholecystographie; ein Beitrag zum Studium der konzentrischen Gallenblasenfunktion mit Hilfe der schnellen Cholecystographie. Klin. Wschr., 1933, 12: 1966-8.—**Bollman, J. L.** The concentration of cholecystographic mediums and of bilirubin by the gallbladder. Proc. Mayo Clin., 1927, 2: 70-2.—**Buisson, P.** Ancora sull'interpretazione del mancato opacamento colecistico dopo Graham-Cole. Ann. radiol., Bologna, 1937, 37: 591-37.—**Chessa, F.** Valore semeiologico radiologico e clinico del mancato opacamento della colecisti. Gazz. osp., 1940, 61: 51-61.—**Crossen, R. J., & Moore, S.** Cholecystographic studies in pregnancy. Am. J. Obst., 1928, 16: 840-4.—**De Giulii, G.** Studi sulla colecistografia nel normale. Radiol. med., Milano, 1940, 27: 109-20.—**Elfasz, E.** Zur Deutung des zarten Gallenblasenschattens im Cholezystogramm. Deut. med. Wschr., 1933, 59: 404.—**Feldman, M.** The effect of pyloric obstruction on the filling and emptying of the gall-bladder in cholecystography. Am. J. Digest. Dis., 1938-39, 5: 785.—**—** The effect of peptic ulcer in cholecystography. Am. J. Roentg., 1940, 43: 58-60.—**Frafini, C.** Funzioni e disfunzioni della vescichetta biliare nella indagine colecistografica. Atti Congr. ital. radiol., 1934, 11. Congr., pt 2, 293.—**Friedrich, H.** Die Konzentrationschwache Gallenblase (ihre Beziehungen zur Cholecystographie) Deut. Zschr. Chir., 1926, 198: 1-10.—**Frigyér, L.** Ueber die Röntgenuntersuchung der Gallenblase in Normalfällen mit Tetraiodophenolphthalein. Klin. Wschr., 1926, 5: 1369-71.—**Gallart Monés, F., & Pinós, A.** Repuesta de la vesícula biliar a diferentes estímulos con ayuda de la colecistografía. Actas Congr. nac. med., B. Air. (1931) 1932, 4. Congr., No. 2, 7-10.—**Giacchè, N.** Influenza del sistema neurovegetativo sui risultati colecistografici in gravidanza; tesi di specializzazione in radiologia e terapia fisica. Monit. ostet. gin., 1938, 10: 504-44.—**Impalomeni, R.** Sul significato della stratificazione intravescicolare della bile; nota critica. Q. radiol., Belluno, 1939-40, n. ser., 4: 395-401.—**Kaulich, L.** Die Erklärung für das Ausbleiben der Füllung der Gallenblase bei der Cholecystographie. Deut. Zschr. Chir., 1930, 222: 97-101.—**Kirklin, B. R., Caylor, H. D., & Bollman, J. L.** The concentration of cholecystographic mediums and bilirubin by the gall-bladder. Radiology, 1927, 9: 463-9.—**Leb, A.** Experimenteller Beitrag zum cholecystographischen Füllungsaußfall der Gallenblase bei Ulcus duodeni. Fortsch. Röntgenstrahl., 1931, 44: 16-27.—**Levy, L., Beck, E. C., & Aaron, A. H.** Further cholecystographic studies in the late months of pregnancy. Am. J. Roentg., 1933, 30: 774-8.—**Madrazo, M. F.** Consideraciones a propósito de la interpretación de las colecistografías. Cir. ciruján., Méx., 1937, 5: 403-9.—**Maitland, D. G.** A summary of cholecystography: the normal and pathological gall-bladder. Med. J. Australia, 1933, 2: 745-52.—**Monari, A.** Alcuni dati sulla colecistografia stazione eretta. Arch. ital. mal. app. diger., 1939, 8: 307.—**Nemours-Auguste.** Erreur de

technique dans l'administration du tétraïode; intolérance; visibilité prolongée de la vésicule biliaire. Bull. Soc. électro-radiol. méd. France, 1938, 26: 14.—**Orator, V.** Zwei Beiträge zur Cholezystographie; mangelnde Gallenblasen-Kontrastfüllung bei Geschwulstkranken als häufiges Fehlergebnis. Deut. Zschr. Chir., 1927, 205: 82-6.—**Scott, W. G., & Moore, S.** Consideration of faint gall-bladder shadows in intravenous cholecystography. Am. J. Surg., 1938, 40: 157-61.—**Unverricht, W., & Freude, E.** Zur Wertung der Gallenblasendarstellung; Verhalten der Cholezystographie bei funktionellen Störungen. Wien. klin. Wschr., 1932, 45: 326-8.—**Uslenghi, J. P., & Abad, R. S.** Colecistograma negativo. An. Inst. clín. méd., B. Air., 1935, 16: 141-61.

— Radiology: Cholecystography: Technic.

RAZMILIC KRALJEVIC, D. *Contribución al estudio de la colecistografía por el método oral fraccionado [Chile] 64p. 26½cm. Santiago, 1938.

Adamowicz, P. [Cholecystography by means of fractional doses] Polski przegl. radiol., 1938, 13: 123-37, 3 pl.—**Antonucci, C.** La colecistografia rapida. Nuntius radiol., Siena, 1935, 3: 191-219.—**Armani, L.** Osservazioni di tecnica colecistografica. Arch. ital. chir., 1938, 50: 124-9.—**Baetzner, W.** Die perorale Röntgendarstellung der Gallenblase. Zbl. Chir., 1929, 56: 1035.—**Barbieri, D., & Faeci-Tosatti, F.** Ulteriori ricerche sulla colecistografia rapida. Arch. pat., Bologna, 1937, 17: 78-108.—**Beets, J.** [X-ray examination of gallbladder by means of contrast filling] Geneesk. tsschr. Ned. Indië, 1928, 68: 382-4, pl.—**Bernstein, A.** Die Schichtung der Galle als Ausdruck der muskulären und resorptiven Funktion der Gallenblase; zugleich ein Beitrag zur schnellen Cholezystographie. Fortsch. Röntgenstrahl., 1934, 49: 68-84.—**Chessa, F.** Sul modo di evitare le turbe intestinali conseguenti alla somministrazione orale di mezzi opacizzanti usati nella colecistografia e su particolari tecnici di questa indagine. Policlinico, 1938, 45: sez. prat., 1603-6.—**Chiray, M.** A propos de l'exploration de la région duodéno-vésiculaire (la choleystographie per os avec ou sans radiographie duodénale en série) Bull. Soc. méd. hôp. Paris, 1925, 3. ser., 1: 115-22.—**Cohen, H., & Roberts, R. E.** Radiology and the gall-bladder by Graham's method. Brit. M. J., 1925, 2: 54-7.—**Cohn, M.** Die Röntgen-Untersuchung der Gallenblase nach der oralen Methode. Med. Klin., Berl., 1927, 23: 635-7.—**Collins, E. N., & Root, J. C.** Elimination of confusing gas shadows during cholecystography by the use of pitresin. J. Am. M. Ass., 1936, 107: 32, 2 pl. — Newer developments in cholecystography. Cleveland Clin. Q., 1937, 4: 85-97. — Cholecystography; further observations on the use of pitresin and evaluation of other procedures. Radiology, 1937, 29: 216-26.—**Cortés Lladó, M.** La visualización radiológica de la vesícula biliar por medio de la tetracloro-fenoltaleína. Rev. méd. Barcelona, 1925, 2. ser., 3: 515.—**Dixon, F. L.** Oral cholecystography using pitresin for elimination of intestinal gas. X-ray Technician, 1937-38, 9: 145-9.—**Dondoli, C.** Sulla colecistografia rapida. Ann. radiol., Bologna, 1937, 11: 373-96.—**Feldman, M.** The roentgenologic importance of the left oblique position in cholecystography. Radiology, 1937, 29: 89-94.—**Fregonara, G.** Colecistografia rapida coll'acetilcolina. Osp. maggiore Novara, 1938, 15: 173-84.—**Gallari, F., Pinós, A., & Taure, M.** Visualización radiológica de la vejiga biliar por la técnica de los colorantes opacos por ingesta. Rev. méd. Barcelona, 1930, 13: 196-205.—**Gelber, L. J.** Roentgen physiology of oral cholecystography. Am. Med., 1936, 42: 347.—**Graham, E. A., Cole, W. H., & Copher, G. H.** Roentgenological visualization of the gall-bladder by the intravenous injection of tetrabromphenolphthalein. Tr. Am. Surg. Ass., 1924, 42: 128-41.—**Grebe, A.** Zur Verbesserung der oralen Methode der Gallenblasendarstellung im Röntgenbild. Verh. Deut. Röntg. Ges., 1929, 20. Kongr., 59 [Discussion] 61-5.—**Hardman, T. G.** Cholecystography: the efficiency of the Graham-Cole test. Brit. M. J., 1937, 2: 733.—**Herman, J.** Die röntgenologische Darstellung der Gallenblase nach der Methode Graham's (Choleystographie) Fortsch. Röntgenstrahl., 1925, 23. Kongr., 128.—**Hsieh, C. K., & Liu, S. H.** Cholecystography; roentgen visualization of gall-bladder after the Graham method. Nat. M. J. China, 1928, 14: 382-8. pl.—**Impallomeni, R.** Osservazioni e ricerche per un perfezionamento dell'indagine colecistografica. Boll. Accad. med. Roma, 1938, 64: 7-13. — Per una più fisiologica indagine colecistografica. Radiol. med., Milano, 1938, 25: 583-97. — Colecistografia sotto stimolo. Policlinico, 1939, 46: 1-14.—**Kennedy, M. B.** Condenser discharge exposures in cholecystography. X-ray Technician, 1938-39, 10: 181.—**Kestel, J. L.** A carbohydrate meal instead of the fat meal in cholecystography. Radiology, 1936, 27: 672-4.—**Kirklín, B. R., & Seedorf, E. E.** A clinical study of the reactions following employment of pitresin in cholecystography. Am. J. Roentz., 1939, 42: 811-9.—**Kommerell, F.** Fortschritte der Cholezystographie. Fortsch. Röntgenstrahl., 1937, 56. Kongr., 47-9 [Discussion] 49-51.—**Laroche, G., & Huët, J. A.** De l'importance de la préparation des malades en vue d'un examen de la vésicule biliaire après ingestion des sels de tétraïode. Bull. Soc. radiol. méd. France, 1928, 16: 207.—**Levene, G., & Whitaker, L. R.** New methods for the clinical study of the gall-bladder; an elaboration of cholecystography with simultaneous examination of the stomach and duodenum. N. England J. M., 1930, 202: 203-14, ch.—**Lucerini, T.** Nuovi saggi di colecistografia rapidissima e studi sul problema della

funzione motoria della cistifellea. Q. radiol., Belluno, 1937, 8: pt 2, 352-71.—**Lutz, W.** Leberzelleistung und enterohepatischer Kreislauf; ein Beitrag zum Mechanismus der Schnell-choleystographie. Wien. klin. Wschr., 1939, 52: 590-3.—**McIntyre, C. H.** Combined cholecystography and liver function determination following the intravenous administration of iso-iodikon. Am. J. Surg., 1938, 40: 152-6.—**MacLean, A. B.** Cholecystography; the X-ray visualisation of the gall-bladder by means of sodium tetraiodophenolphthalein (Graham's method) Tr. R. Med. Chir. Soc. Glasgow, 1926, 20: 185-90, 2 pl. Also Glasgow M. J., 1926, 106: 153-8, 2 pl.—**Madinaveitia, J. M.** Medidas hepáticas y vesícula biliar (con el empleo de la tetraiodofenoltaleína) Progr. clín., Madr., 1928, 36: 727-53.—**Masson, J.** A propos de la choleystographie orale fractionnée. J. radiol. électr., 1937, 21: 494-8.—**Moller, E., & Ottosen, D.** [Roentgenological examination of the gall-bladder according to Graham and Cole] Ugeskr. læger, 1926, 88: 313-22.—**Morel-Kahn & Desgrez.** La choleystographie: nouvelle méthode d'examen de la vésicule biliaire. Prat. méd. fr., 1926, 5: 427-31.—**Morrison, T. H., & Feldman, M.** Gall-bladder visualization by the oral administration of tetraiodophenolphthalein. Tr. Am. Gastroenter. Ass. (1926) 1927, 29: 259-70. Also Ann. Clin. M., 1926-27, 5: 330-9.—**Négré, L.** L'examen radiologique de la vésicule biliaire par les méthodes d'opacification. Arch. méd. pharm. nav., 1935, 125: 381-111.—**Philips, H. B.** Recent advances in diagnosis from and technic of cholecystography. Radiology, 1937, 29: 602-11.—**Puigvert Gorro, A.** Technique et résultats de la vésiculographie. J. urol. méd., Par., 1934, 37: 193-205.—**Requero López, U.** Un nuevo método de investigación tetraiodica de la vesícula biliar. Arch. med., Madr., 1934, 37: 162. Also Siglo méd., 1934, 93: 171.—**Reviglio, G. M.** A proposito della rapidità della prova di Graham e Cole. Ann. radiol., Bologna, 1937, 37: 510-8.—**Rossi, A.** Colecistografia rapida e prova del Graham. Nuntius radiol., Siena, 1934, 2: 423-50, 18 pl.—**Rudisill, H., jr., & Hemingway, M. W.** Urinary test as index of absorption of gallbladder dye when given orally. J. Am. M. Ass., 1933, 101: 593.—**Sabatini, G., & Milani, E.** Visibilità radiologica de la vésicule biliaire après administration per os de bromures alcalins. Presse méd., 1925, 33: 1160.—**Schnürpel, E.** Beitrag zur Gallenblasendarstellung im Röntgenbild durch Injektion mit Tetraiodophenolphthalein-Merck. Münch. med. Wschr., 1926, 73: 1237.—**Schöndube & Kalk.** Grahamfüllung und Pituitrinprobe der Gallenblase, ein Vergleich. Klin. Wschr., 1926, 5: 1995.—**Skinner, E. H., & Lockwood, I. H.** The X-ray visualization of the gall-bladder following oral administration of tetraiodophenolphthalein. Month. Bull. Kansas City Clin. Soc., 1925-26, 2: No. 8, 22-6. Also Med. Herald, 1926, 45: 255-8.—**Søgaard, F.** [Technique of cholecystography] Hospitals-tidende, 1936, 79: 467-74.—**Stieda, A., & Schmidt, F.** Die Darstellung der Gallenblase im Röntgenbilde (bei peroraler Darreichung des Kontrastmittels) Fortsch. Röntgenstrahl., 1926, 35: 74-7.—**Taterka, H.** Ueber eine Verbesserung der Röntgendiagnostik der Gallenblase. Med. Welt, 1930, 4: 1722.—**Vilaseca Sabater, J. M., De Vega Goicoechea, S., & Pares Vilahur, J. M.** Colecistografía oral por el método de Sandstroem. Med. iber., 1936, 30: 21.—**Zabludovich, S.** Colecistografia oral, con dosis fraccionadas y masivas del colorante, y grandes ingestiones de glucosa. Rev. As. méd. argent., 1938, 52: 854-60.—**Zappalà, G.** La colecistografia secondo il metodo Antonucci. Policlinico, 1933, 40: sez. chir., 541-64.

— Radiology: Interpretation of data.

SCHEFFLER [M.] K. *Die Röntgendiagnostik der Gallenblase und ihre operative Kontrolle. 51p. 8° Lpz., 1933.

Bársony, T. Seltene Gallenblasenbefunde. Fortsch. Röntgenstrahl., 1927, 36: 759-65.—**Becker, R.** Die tätige Gallenblase im Röntgenbild. Deut. med. Wschr., 1931, 57: 846-8.—**Bernstein, A.** Die Gallenschicht und das Symptom der horizontal schwimmenden Steinschicht. Fortsch. Röntgenstrahl., 1937, 55: 570-86.—**Blumberger, K.** Eindellungen an Bulbus und Antrum durch die Gallenblase. Röntgenpraxis, 1937, 9: 543-8.—**Case, J. T.** Some pseudo-vesicular shadows and other pitfalls in gallbladder roentgenology. Radiology, 1928, 11: 1-6.—**Dieterich, W.** Die Gallenblase im Röntgenbild; Darstellung und praktische Auswertung. Med. Welt, 1927, 1: 833-5.—**Edwards, J. G.** Folded gall-bladder. Med. J. Australia, 1936, 1: 367, pl.—**Eisler, F.** Symptomatische Bedeutung deformer Gallenblasenbilder. Wien. klin. Wschr., 1930, 43: 945-7.—**Foa, A.** Sullo strato orizzontale trasparente. Q. radiol., Belluno, 1937, 8: pt 2, 279-82.—**Foyer, L.** L'intérêt de la radiographie de la vésicule biliaire en clinique. C. rend. Congr. internat. lith. biliaire, 1932, 1. Congr., 2: 525-8. Also Ned. tsschr. geneesk., 1933, 77: 38-41, 2 pl.—**Friedrich, H., & Pflaumer, E.** Ueber die Ursache röntgenologisch nachgewiesener Gallenblasenschneurfurchen. Fortsch. Röntgenstrahl., 1928, 37: 669-71.—**Goosmann, C.** The value of X-ray examination of the gall-bladder. Cincinnati J. M., 1926-27, 7: 196-202.—**Grebe, A.** Der diagnostische Wert der Gallenblasendarstellung im Röntgenbild. Münch. med. Wschr., 1927, 74: 1269. — Warum ist der fehlende Gallenblasenschatten unbrauchbar, dem deutlichen Schatten dagegen differentialdiagnostischer Wert in hohem Grade beizumessen? Ibid., 1928, 75: 299-302. — Ueber den Vergleichswert der verschiedenen Methoden der Gallenblasendarstellung im Röntgenbild; Kritik der Ergebnisse. Mitt.

Grenzgeb. Med. Chir., 1930-31, 42: 332-56.—**Grunenberg, K.** Die röntgenologische Darstellung der Gallenblase, ihre klinische Bedeutung und praktische Verwertbarkeit. Jahrbuch. ärztl. Fortbild., 1926, 17: H. 3, 19-23.—**Gutmann, R. A.** Quelles indications fournit au médecin la radiologie de la vésicule biliaire? Arch. électr. méd., 1929, 39: 49-76.—**Hunt, H. B.** The gallbladder: an evaluation of roentgen findings in 297 cases. Nebraska M. J., 1936, 21: 372-6.—**Leopold, G.** Gesichtspunkte zur Röntgenbeurteilung der Gallenblase. Zschr. ärztl. Fortbild., 1931, 28: 81-5.—**Naegeli, T.** Röntgenuntersuchungen der Gallenblase in der Gravidität und im Puerperium. Schweiz. med. Wschr., 1929, 59: 267-9.—**Nemours-Auguste.** Les erreurs dans le diagnostic radiologique de la vésicule biliaire. Bull. Soc. méd. Paris, 1929, 161-4.—**Odischaria, S.** Ueber den Luftbefund in der Gallenblase und seine diagnostische Bedeutung. Röntgenpraxis, 1929, 1: 809.—**Palugay, J.** Ergebnisse der Gallenblasenröntgenologie. Wien. med. Wschr., 1927, 77: 393.—**Pribram, B. O., Grunenberg, K., & Strauss, O.** Die röntgenologische Darstellung der Gallenblase und ihre klinisch-praktische Bedeutung. Deut. med. Wschr., 1925, 51: 1429-32, pl.—**Rendich, R. A.** The present day study of the pathological gallbladder by radiographic means. Med. Times, N. Y., 1929, 57: 271-3.—**Roncoroni, I.** La motilità della fellea e la visibilità dei dotti escretori. Ann. radiol., Bologna, 1936, 10: 415-45.—**Stayton, C. A.** Clinical application of roentgenology of the gall-bladder. J. Indiana M. Ass., 1934, 27: 298-301.—**Vespignani, A.** Interpretazione della impronta della cistifellea sul duodeno e sullo stomaco. Atti Congr. ital. radiol. med., 1925, 6. Congr., 120.—**Sulle variazioni dell'impronta della cistifellea nell'immagine radiologica dello stomaco e del duodeno.** Arch. ital. chir., 1927, 17: 289-302.—**Viviani, R.** Sul significato dell'impronta colecistica. Radiol. med., Milano, 1928, 15: 1087-110.—**Weigel.** Aspect varié de la vésicule biliaire après Forioid. Bull. Soc. radiol. méd. France, 1934, 22: 57.

Radiology: Methods, and technic.

MARINOT, J. *La radiographie de la vésicule biliaire en position debout. 46p. 8° Par., 1924.

Allen, B. M. Results of gall-bladder examinations by varying X-ray technique. Delaware M. J., 1937, 9: 43-5.

Anzilotti, A. Sulla visibilità della cistifellea senza sostanze di contrasto. Riv. radiol., 1931, 5: 225-40.—**Arcelin, F.** L'exploration radiographique de la vésicule biliaire. Lyon méd., 1931, 148: 469-72.—**Arisz, L.** [Roentgen examination of gall-bladder.] Ned. tschr. geneesk., 1930, 74: 1675-8.

Artau, M. R. A new combined technic for radiological exploration of the gallbladder. Am. J. Surg., 1930, n. ser., 8: 661. Also repr.—**Baetzner, W.** Zur röntgenologischen Darstellung der Gallenblase. Med. Klin., Berl., 1926, 22: 18.

Behrend, C. M. Ueber die Darstellung der Gallenblase im Röntgenbild. Arch. Verdauungskr., 1925, 36: 232-73.

Borchardt, M., & Rabau, E. Zur röntgenologischen Darstellung der Gallenblase. Ibid., 1926, 37: 54-8.—**Bouton, E.** Contribution à l'examen radiologique de la vésicule et des voies biliaires. Bull. Soc. radiol. méd. France, 1937, 25: 316-20.

Carter, L. J. Value of the functional gall-bladder (iodelikon) test, as checked by operative findings in 70 cases. Radiology, 1933, 21: 37-41.—**Determann, A.** Zur Technik der Gallenblasendarstellung. Röntgenpraxis, 1933, 5: 611.—**Eisler, F.** Darstellung der Gallenblase. Wien. med. Wschr., 1925, 75: 1427.—**Elias, E.** Neuere Gesichtspunkte bei der röntgenologischen Funktionsprüfung der Gallenblase. Fortsch. Röntgenstrahl., 1932, 46: 402-13.—**Ettinger, A.** The value of the upright position in gall-bladder examinations. Radiology, 1940, 34: 481-8.—**Etzler, W.** Ein Beitrag zur kombinierten Gallenblasen-Duodenaluntersuchung. Röntgenpraxis, 1937, 9: 35.—**Fliessinger, N., Bergeret, A., & Gajdos, A.** Opacification radiologique de la vésicule biliaire par la bile noire. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1023-8.—**Flores, L.** Preparación y técnica para el examen radiográfico de la vesícula biliar. An. clin. Hosp. Juárez, Méx., 1931, 1: 137-9.—**Geling, J.** Zur Verbesserung der röntgenologischen Darstellung der Gallenblase. Deut. med. Wschr., 1928, 54: 2055; 1929, 55: 1220.—**Grebe, A.** Ein neuer Weg zur Erhöhung der differentialdiagnostischen Sicherheit der Gallenblasendarstellung. Münch. med. Wschr., 1927, 74: 2016-8.—**Harrod, C. P.** Procedure for the X-ray examination of the gall-bladder. U. S. Veterans Bur. M. Bull., 1928, 4: 859, pl.—**Kürten, H.** Zur Darstellung der Gallenblase im Röntgenbild. Münch. med. Wschr., 1926, 73: 1844-6.—**Ledoux-Lebard, R.** La visibilité de la vésicule biliaire normale. Bull. Soc. radiol. méd. France, 1930, 18: 243.—**Matscher, H.** Die röntgenologische Darstellung der Gallenblase. Etschland. Aertztbl., 1927, 6: 61-5.—**Mazzini, O. F., & Gotta, G.** Sombra radiológica de la vesícula biliar por la bilis. Bol. Soc. cir. B. Aires, 1938, 22: 855-9.—**Nemours-Auguste.** Sur la standardisation de l'examen radiologique de la vésicule biliaire. Bull. Soc. radiol. méd. France, 1934, 22: 564.—**Pillmore, G. U.** The technique of gall-bladder examinations. Am. J. Roentg., 1928, n. ser., 20: 530-44.—**Prévôt, R.** Zur Röntgenagnostik der Gallenblase. Röntgenpraxis, 1937, 9: 689-95.—**Roseno, A., & Hartoch, H.** Das Pneumoradiogramm des Nierenlagers bei der Gallenblasendarstellung; ein neuer Weg zu verfeinerter Diagnostik. Deut. Zschr. Chir., 1926, 198: 250-8.—**Schöndube, W.** Weitere röntgenologische Beiträge zum Entleerungsmechanismus der Gallenblase; eine neue kombinierte Röntgenuntersuchung zur Funktionsprüfung des Magens und der

Gallenblase. Fortsch. Röntgenstrahl., 1929, 39: 865-71.—**Sicard, Chaptal & Montagne.** Visibilité radiologique de la vésicule biliaire par le procédé de Sabatini et Milani. Bull. Soc. sc. méd. biol. Montpellier, 1925-26, 7: 207-10.—**Sommer, H.** Un metodo perfezionato per l'esame radiografico della cistifellea. Rass. internaz. clin. ter., 1935, 16: 1263-5.—**Spillman, R.** The value of radiography of the gallbladder in the upright position. Radiology, 1939, 33: 77.—**Stegemann, H.** Die Sichtbarmachung der Gallenblase auf dem Röntgenbild. Münch. med. Wschr., 1925, 72: 1999-2001.—**Viatti, M.** Esame radioscopico e radiografico della colecisti in posizione eretta. Radiol. med., Milano, 1927, 14: 508-23.—**Walton, A. J.** Gallbladder technique. Radiography, Lond., 1940, 6: 81.

Regeneration.

See also subheading Excision: Results.

Anardi, T., & Rossi, A. Ricerche sperimentali sulla rigenerazione anatomica e funzionale della cistifellea dopo colecistectomia parziale. Ann. radiol., Bologna, 1938, 12: 397-438.—**Arpino, G.** Ulteriori studi sulla pseudorigenerazione della vesicula biliare. Arch. zool. ital., 1933, 19: 1-15, pl.—**Baccarini, L.** Ricerche sperimentali sulla rigenerazione della cistifellea. Arch. ital. chir., 1938, 49: 413-25.—**Balice, G.** La rigenerazione della cistifellea; ricerche sperimentali e risultati pratici in rapporto alla cura chirurgica della litiasi colecistica; nota personale sulla cistidensi. Policlinico, 1931, 38: sez. chir., 213-27.—**Gohrbandt, E.** Gibt es eine Neubildung der Gallenblase? Arch. klin. Chir., 1927, 145: 286-98.—**Latteri, S.** Rigenerazione sperimentale della cavità della coleciste. Arch. Soc. ital. chir. (1923) 1924, 30: 623-8.—**Milies, E., Goyena, B., & Castro, B. E.** Sobre regeneración de la mucosa vesicular. Arch. urug. med., 1938, 12: 40-5.—**Pirelli, L.** Riproduzione della coleciste. Clin. chir., Milano, 1934, n. ser., 10: 1158-66.

Resorption, and concentration of bile.

Andrews, E., & Hrdina, L. Absorption of calcium from the gall bladder. Am. J. M. Sc., 1931, 181: 478-82.—**Chabrol, E., Charonnat, R.** [et al.] La résorption complète du chlore dans la vésicule biliaire du chien. C. rend. Soc. biol., 1933, 113: 1347.—**Frey, J.** Chlorresorption der Gallenblase und intravesiculer Druck. Zschr. ges. exp. Med., 1934, 94: 785-9.—**Halpert, B., O'Connor, P. A., & Thompson, W. R.** Rates of resorption in the gall-bladder, further experiments with methylene blue on rabbits. Am. J. Physiol., 1935, 112: 383-5.—**Halpert, B., Thompson, W. R., & Marting, F. L.** Rates of resorption in the gall-bladder; estimates based on experiments with methylene blue on rabbits. Ibid., 111: 31-4.—**Hermann, H. E.** Tierexperimentelle Studien über Resorption und Ausstossung des Gallenblaseninhaltes. Zschr. ges. exp. Med., 1939, 106: 531-42.—**Johnston, C. G.** Studies on gall-bladder function; the absorption of sodium tetradolphenolphthalein from the gallbladder. J. Clin. Invest., 1931-32, 10: 9-17.—**Ravdin, I. S.** [et al.] Studies on gall-bladder function; the absorption of calcium from the bile-free gall-bladder. Am. J. Physiol., 1932, 99: 648-55.—**Lewy, G.** Vésicule et cholestérol; absorption ou sécrétion. Arch. mal. app. digest., Par., 1932, 22: 937-55.—**Mirvish, L., Sacks, G., & Schrie, T.** The absorption of calcium from the gall-bladder. J. Physiol., Lond., 1930, 70: 434-40.—**Murphy, G. T., & Bollman, J. L.** The bile-concentrating activity of the gall-bladder following restoration from acute experimental cholecystitis. Proc. Mayo Clin., 1931, 6: 214.—**Nakashima, K.** Absorption of dyes in the gallbladder of the rabbit. Acta Scholae med. Univ. Kioto, 1926, 9: 225-35.—**Ravdin, I. S., Johnston, C. G.** [et al.] Studies of gall-bladder function; the absorption of chloride from the bile-free gall-bladder. Am. J. Physiol., 1932, 99: 638-47.—**Riegel, C., Ravdin, I. S., & Johnston, C. G.** Studies of gall-bladder function; the absorption of bile salts and cholesterol from the bile-free gall-bladder. Ibid., 656-65.—**Royer, M.** Absorption de la bilirubine de la bile par la vésicule biliaire. C. rend. Soc. biol., 1938, 127: 697-701.—**Valdini, P.** Studi sul potere di assorbimento della cistifellea normale e patologicamente alterata. Policlinico, 1930, 37: sez. chir., 8-32.—**Westphal, K., Gleichmann, F., & Soika, G.** Tierexperimentelle Beobachtungen über nervös bedingte Resorptionsschwankungen der Gallenblase mit teilweiser Berücksichtigung des Lebergallenflusses. Arch. ges. Physiol., 1931, 227: 204-19.

Sarcoma.

See also subheading Cancer.

Barbier, Bertrand & Bourret. Lymphosarcome de la vésicule biliaire. Lyon méd., 1938, 162: 474-6.—**Brendolan, G.** Dei tumori primitivi della cistifellea, con esposizione di un caso clinico di sarcoma. Ann. ital. chir., 1926, 5: 592-611.—**Brunschwig, A.** Primary sarcoma of the gallbladder. J. Am. M. Ass., 1931, 96: 680. Also repr.—**Büttner, A.** Ueber ein Sarkom der Gallenblase. Zschr. Krebsforsch., 1936, 44: 59-65.—**De Gaetani, G.** Contributo allo studio dei sarcomi della cistifellea. Pathologica, Genova, 1932, 24: 541.—**Dyrenforth, L. Y., & Jelks, E.** Sarcoma of the gallbladder; report of a case. South. M. J., 1937, 30: 49-51.—**Lindvall, S.** [Case of sarcoma vesicae felleae] Sven. läk. tidn., 1935, 32: 1032-6.—**Oesterlin, E. J.** Report of a case of sarcoma of the gall-bladder. Ohio M. J., 1939, 35: 603-6.—**Ragins, A. B.** Pleomorphic-cell sarcoma of the gallbladder; report of 2 cases. Am. J. Cancer, 1937, 29:

722-8.—**Sammartino, R.** Sarcoma leiomioblastógeno de la vesícula biliar. *Dia méd.*, B. Air., 1939, 11: 752-5.—**Schmidt, H. J.** Primäres Leiomyosarkom der Gallenblase. *Frankf. Zschr. Path.*, 1939, 53: 439-49.

Spasm.

See subheading Dyskinesia.

strawberry.

See subheading Cholesterosis.

Surgery.

See also subheadings Excision; Inflammation: Treatment, surgical.

LACOSTE, J. J. M. *Indications, technique et résultats de la cholécystostomie. 113p. 8°. Par., 1934.

MAINGOT, R. Gall-bladder and bile-ducts. p.627-722. 8°. N. Y., 1936.

Abell, I. Surgery of the gall-bladder. *South. M. J.*, 1927, 20: 89-92.—**Benham, F. R.** Surgery of the gall-bladder. *Med. Times, N. Y.*, 1931, 59: 428-30.—**Binney, H.** Gall-bladder surgery. *J. Nat. M. Ass.*, Newark, 1930, 22: 5-9.—**Blumenthal, N. L.** [Data on surgery of the biliary tract] *Khirurgia*, Moskva, 1937, No. 5, 63-71.—**Brooks, B.** & **Wyatt, T. E.** Surgery of the gallbladder. *Ann. Surg.*, 1939, 109: 334-50.—**Brooks, C. D.** Surgery of the gall-bladder. *Am. J. Surg.*, 1928, n. ser., 5: 134-44.—**Caldbeck, S. L.** Surgery of the gallbladder. *Northwest M.*, 1926, 25: 483-6.—**Cohn, I.** Reflections on surgery of the gallbladder and biliary tract. *Rev. Gastroenter.*, 1940, 7: 71-9.—**Cutler, E. C.** & **Zollinger, R.** Surgery of the gall-bladder and extrahepatic bile ducts. *Am. J. Surg.*, 1940, 47: 185-260.—**Daly, R.** The surgery of the gallbladder. *S. Afr. M. Rec.*, 1926, 24: 466-73. Also *Med. J. S. Africa*, 1926-27, 22: 84-8.—**Eliason, E. L.** & **North, J. P.** Surgery of the gall-bladder and biliary ducts. In *Cyclop. Med. (Piersol-Bortz)* Phila., 1939, 9: 231-45.—**Enderlien, L.** La cirugía de la vesícula biliar. *Rev. méd. germ. iber. amer.*, 1931, 4: 257-72.—**Erdmann, J. F.** Surgery of the gall-bladder. *N. England J. M.*, 1928, 199: 703-6. Also *Surg. Clin. N. America*, 1928, 8: 227-34. Also *Pennsylvania M. J.*, 1929-30, 33: 9-13.—**Garipey, L. J.** Gall-bladder surgery. *Rep. Wayne Co. M. Soc.*, 1930-31, 70-4.—**Gray, H. K.** & **Mackenzie, W. C.** Progress in the surgery of the biliary tract during 1936. *Internat. Clin.*, 1937, 47, ser., 2: 283-97.—**Henry, C. K. P.** Surgery of the extrahepatic biliary tract. *N. England J. M.*, 1939, 221: 333-5.—**Heyd, C. G.** Surgery of the gall-bladder. *Canad. M. Ass. J.*, 1927, 17: 1023-9.—**Hudson, F. A.** Gall-bladder surgery. *J. Oklahoma M. Ass.*, 1939, 32: 405-12.—**McGuire, E. K.** Problems in gall-bladder surgery. *Ann. Surg.*, 1926, 84: 366-70.—**Mayo, W. J.** Surgery of the gallbladder. *Illinois M. J.*, 1926, 49: 303-5. Also *Surg. Gyn. Obst.*, 1926, 43: 46-9.—**Pate, J. C.** Present status of surgery of the gall-bladder. *J. Internat. Coll. Surgeons*, 1939, 2: 130-7.—**Pickhardt, O. C.**, **Bernhard, A.** & **Kohn, I. L.** The significance of the cholesterol partition of the blood serum in surgery of the gallbladder. *Tr. Am. Surg. Ass.*, 1939, 57: 277-98. Also *Ann. Surg.*, 1939, 110: 701-22.—**Puestow, C. B.** Surgery of the gall-bladder and bile ducts. *Illinois M. J.*, 1937, 71: 54-8.—**Ranson, F. T.** Gall-bladder surgery. *Chin. M. J.*, 1936, 50: 259-67.—**Ravdin, I. S.** Problems in gall-bladder surgery. *J. Med.*, Cincin., 1927-28, 8: 384-9.—**Reder, F.** The gallbladder and the surgeon. *J. Missouri M. Ass.*, 1927, 24: 254-8.—**Robertson, C. H.** Gall-bladder surgery. *N. Zealand M. J.*, 1928-29, 27: 154-60.—**Seelye, W. C.** Gall-bladder surgery. *Boston M. & S. J.*, 1925, 193: 1100-2.—**Seleman, F.** Surgical treatment of the gallbladder and its ducts. *Dallas M. J.*, 1940, 26: 31-4.—**Smith, R.** A consideration of gall-bladder surgery. *Surg. Clin. N. America*, 1928, 8: 1521-4. Also *U. S. Nav. M. Bull.*, 1928, 26: 55-7.—**Strode, J. E.** Surgery of the gall-bladder and its associated ducts. *Proc. Clinic, Honolulu*, 1937, 3: No. 11, 1-12.—**Surgery of the gall-bladder.** *Brit. M. J.*, 1935, 1: 256.—**Turner, G. G.** The surgery of the gall-bladder and bile ducts. *Tr. M. Soc. London*, 1939, 62: 238-303, 10 pl. Also repr. Also *Brit. M. J.*, 1939, 1: 521. — History of gall-bladder surgery. *Ibid.*, 464.—**Walters, W.** Recent advances in the surgical treatment of lesions of the biliary tract. *Surgery*, 1938, 3: 786-98. — & **Priestley, J. T.** Report of the surgery of the gallbladder, liver and pancreas for 1937 and 1938. *Proc. Mayo Clin.*, 1939, 14: 773-82.—**Witherspoon, T. C.** Surgery of the gall-bladder. *Tr. West. Surg. Ass.* (1929) 1930, 39: 313-29.

Surgery: Complication.

SALGENDORFF, E. *Narbenbrüche nach transrektalem Längsschnitt bei Gallenblasenoperationen. 31p. 8°. Bonn, 1927.

STLZBACHER, H. [W.] *Postoperative Komplikationen nach Gallenblasenoperationen nebst Bericht über Fernresultate. 41p. 8°. Marb., 1935.

Heyd, C. G. Complications of gallbladder surgery. *Ann. Surg.*, 1937, 105: 1-8. — Liver deaths and the complica-

tions of gallbladder surgery. *South. Surgeon*, 1937, 6: 183-93. Also *Texas J. M.*, 1937-38, 33: 546-8. Also repr.—**Judd, E. S.** Complications in gall-bladder operations. *Proc. Interst. Postgrad. M. Ass. N. America* (1930) 1931, 6: 390-4.—**Mirizzi, P. L.** Error de técnica reconocido mediante la colangiografía durante el acto operatorio (estenosis del hepatocolédoco por ligadura del cístico) *Bol. Soc. cir. B. Aires*, 1934, 18: 220-4.

Surgery: Indications.

See also subheading Inflammation: Treatment, surgical.

FICHERA, G. Le colecistopatie nella chirurgia odierna. 118p. 24½cm. Bologna, 1930.

HÖPNER, U. *Die chirurgische Behandlung der Gallenblasen- und Gallengangerkrankungen in Beziehung zu Leber und Kreislauf. 43p. 8°. Freib. i. B., 1932.

PAN, L. *Diagnosis of gall-bladder with analysis of 100 operative cases [Marquette Univ.] 26p. 8°. La Crosse, 1932.

Alexander, J. H. The indications for surgical intervention in cholecystic disease. *Pennsylvania M. J.*, 1938-39, 42: 904-6.—**Babcock, W. W.** Management of biliary diseases and their surgical complications. *Ibid.*, 1936-37, 40: 604-8. — Problems in the surgical treatment of biliary disease. *Rev. Gastroenter.*, 1937, 4: 267-72.—**Behrend, M.** The indications and choice of surgical procedures in gallbladder disease with a discussion of controversial points. *J. Internat. Coll. Surgeons*, 1940, 3: 63-8.—**Best, R. R.** Surgical considerations and complications in gall-bladder disease. *Nebraska M. J.*, 1935, 20: 1-7.—**Bettman, R. B.** & **Tannenbaum, W. H.** Improvements in the surgical treatment of gallbladder disease, excluding acute cholecystitis and jaundice. *Illinois M. J.*, 1939, 75: 266-9.—**Blaht, M. E.** A plea for early operation in diseases of the gallbladder. *Med. J. & Rec.*, 1925, 122: 17-9.—**Brandis, H. J.** von. Das chirurgische Vorgehen bei Gallenblasenerkrankungen. *Med. Welt*, 1939, 13: 1222; 1154.—**Brooks, C. D.** Surgical diseases of the gall bladder. *J. Michigan M. Soc.*, 1927, 26: 171-9.—**Brown, M. J.** Non-calculous chronic gall-bladder disease. *Am. J. Surg.*, 1938, 41: 238-54.—**Brown, W. L.** **Brown, C. P.** & **Murphy, J. L.** Do the operative mortality and the sequelae justify operations on biliary disease? *Southwest M.*, 1932, 16: 101-3.—**Burden, V. G.** The surgical pathology of the gall-bladder. *Ann. Surg.*, 1927, 85: 239-46.

— Surgical management in cases of advanced disease of the biliary tract. *Am. J. Surg.*, 1940, 47: 651-9.—**Cansco, C.** Colecistectomía y colestostomía. *Cir. ciruján.*, Méx., 1938, 6: 307-15.—**Clinton, M.** The surgical management of biliary disease. *Med. Rec.*, N. Y., 1937, 146: 260.—**Coller, F. A.** & **Boys, F.** Some surgical aspects of disease of the gall-bladder. *J. Michigan M. Soc.*, 1936, 35: 10-6.—**Coughlin, W. T.** The surgical aspects of disease of the gallbladder. *Nebraska M. J.*, 1936, 21: 361-7.—**Crie, G.** Surgical problems in gallbladder disease. *Surg. Clin. N. America*, 1935, 15: 995-1005.—**Croschwait, W. L.** Surgical treatment of the diseased gallbladder. *Med. Rec.*, Houston, 1934, 28: 604-9.—**Danzis, M.** Gall-bladders that require surgical treatment. *J. M. Soc. N. Jersey*, 1938, 35: 729-33.—**Deaver, J. B.** The chronic gallbladder. *Surg. Clin. N. America*, 1928, 8: 717-40.—**Einhorn, M.** Indications for operation in diseases of the gall-bladder. *Med. J. & Rec.*, 1933, 137: 269. Also repr.—**Eliason, E. L.** & **North, J. P.** Early surgery in biliary disease. *Surg. Gyn. Obst.*, 1939, 68: 167-78.—**Finsterer, H.** Chirurgische Indikationen der Erkrankungen der Gallenblase und des Pankreas. *Wien. klin. Wschr.*, 1936, 49: 725. Also *Wien. med. Wschr.*, 1937, 87: 553-61.—**Fleming, T. J.** Diseases of the gall-bladder; the surgical aspect. *Tristate M. J.*, 1928, 1: 9.—**Foss, H. L.** Indications for operation in gall-bladder disease. *Am. J. Surg.*, 1938, 40: 205-8.—**Fowler, R. S.** Gall-bladder disease; ostomy and ectomy. *Ibid.*, 1925, 39: 163. — Gall-bladder disease; 1,000 end results. *Ibid.*, 1933, 22: 53-9.—**Friedrich, H.** Ueber Diagnose und Operationsaussichten bei atypischen Gallenblasenerkrankungen; gleichzeitig ein Beitrag zur Cholecystographie. *Deut. Zschr. Chir.*, 1929, 217: 200-27.—**Frommer, E. M.** The differential diagnosis and surgical treatment of gall-bladder diseases. *Clin. M. & S.*, 1928, 35: 792; 877.—**Gage, L.** The surgical problem of gall-bladder disease. *West Virginia M. J.*, 1940, 36: 220-5.—**Garber, N.** The surgical treatment of cholecystitis and gall-stones. *S. Afr. M. J.*, 1939, 13: 520-2.—**Garrett, D. L.** Surgical diseases of gallbladder and bile ducts. *J. Oklahoma M. Ass.*, 1938, 31: 338.—**Gerritzen, P.** Aussichten und Indikationen der operativen Gallenblasenbehandlung. *Ther. Gegenwart*, 1935, 76: 445-51.—**Graham, E. A.** & **Mackey, W. A.** A consideration of the stoneless gallbladder. *J. Am. M. Ass.*, 1934, 103: 1497-9.—**Graham, R. R.** Surgical therapy in gall-bladder disease. *Canad. M. Ass. J.*, 1934, 30: 119-23.—**Gray, H. K.** Surgical treatment of diseases of the gallbladder. *Surg. Clin. N. America*, 1939, 19: 881-9.—**Grove, L.** & **Read, J. C.** Indications for surgery in gallbladder disease; report of 84 consecutive operative cases. *J. M. Ass. Georgia*, 1935, 24: 44-52.—**Hadley, M. N.** Indications for surgery in gall-bladder diseases. *J. Indiana M. Ass.*, 1933, 26: 517-20.—**Haggard, W. D.** Syndromes of gallbladder disease; surgical management. *Proc. Interst. Postgrad. M. Ass. N. America*, 1938, 46-51. — & **Kirtley, J. A.**

- jr. Manifestations of gall-bladder disease with analysis of 841 operative cases. *J. Tennessee M. Ass.*, 1939, 32: 126-32.—**Harbin, R. M.** Medico-surgical problems of gall-bladder disease. *Am. J. Surg.*, 1929, n. ser., 7: 774-7.—**Haynes, I. S.** Some practical aspects of gall-bladder disease; with report of 2 cases of cholecysto-gastrotomy. *M. & S. Yearb. Physicians Hosp. Plattsburgh*, 1929, 1: 201-9.—**Heyd, C. G.** Immediate versus delayed surgery in the treatment of acute diseases of the gall-bladder. *Proc. Interst. Postgrad. M. Ass. N. America*, 1938, 299-302.—**Hill, H.** The medical aspect of the chronic surgical gallbladder. *Texas J. M.*, 1937-38, 33: 551-4.—**Hoge, A. F.** The surgical treatment of gall-bladder disease. *J. Arkansas M. Soc.*, 1937-38, 34: 139-41.—**Jackson, A. S.** Surgical problems of the gallbladder and bile ducts. *Rocky Mountain M. J.*, 1939, 36: 171-3.—**James, C. S.** Recognition of surgical diseases of the gall-bladder. *California West. M.*, 1925, 23: 1313-5.—**Jones, E. M.** The diagnosis and management of the surgical gallbladder; a review of 484 cases. *J. Lancet*, 1940, 60: 102-5.—**Judd, E. S.** The surgical treatment of diseases of the biliary tract (cholecystic disease). *Proc. Interst. Postgrad. M. Ass. N. America* (1927) 1928, 3: 460-3.—Major surgical problems resulting from primary diseases of the gallbladder. *Rev. med. cir. Habana*, 1935, 40: 1117-32.—& **Phillips, J. R.** Acute cholecystic disease. *Tr. Am. Surg. Ass.*, 1933, 51: 292-300.—**Kalk, H.** Betrachtungen vom Standpunkt des Internisten aus. *Deut. med. Wschr.*, 1938, 64: 1570-3.—Die Indikation zur Gallenblasenoperation. *Ibid.*, 1570-6.—**Kautz, F.** Die Bedeutung der Cholezystographie für die Indikation zur Gallenblasenoperation. *Röntgenpraxis*, 1932, 4: 727.—**Klarfeld, E. N.** Operative treatment of affections of the biliary tract. *Vest. khir.*, 1936, 44: 218-33.—**Kordenat, R. A.** The relation of anemia to surgical diseases of the gall-bladder. *Am. J. Digest. Dis.*, 1934-35, 1: 638-45.—**Kruse, F. H.** Diagnosis and treatment of diseases of the gall-bladder and related biliary disorders. *Am. J. Surg.*, 1938, 40: 178-85.—**Lamson, O. F.** Surgery of the gallbladder in senility. *Northwest M.*, 1926, 25: 486-9.—**MacGuire, D. P.** Subperitoneal decortication in gall-bladder disease. *Am. J. Surg.*, 1936, 32: 77.—**Mann, D. A.** Gallbladder disease with review of 100 operative cases. *Texas J. M.*, 1931, 27: 384-90.—**Massion, J., & Daumeries, L.** Les indications opératoires et le choix de l'intervention dans les affections de la vésicule biliaire. *Arch. mal. app. digest.*, Par., 1932, 22: 1016-20.—**Mendonça Cortez, J.** A terapêutica cirúrgica das colecistopatias e a fisiologia normal e patológica das vias biliares. *Ann. paul. med. cir.*, 1939, 37: 917-47.—**Meranze, D. R., Salzmann, H. A., & Meranze, T.** Surgical disease of the gallbladder: clinical and pathologic review of the disease in 133 patients operated on at the Mount Sinai Hospital, with follow-up studies. *Arch. Surg.*, 1937, 35: 87-98.—**Miller, T. G.** Gallbladder disease; medical versus surgical treatment. *Pennsylvania M. J.*, 1934, 37: 996-1000.—**Monroe, A. R.** Indications for cholecystic surgery. *Canad. M. Ass. J.*, 1931, 25: 276-9.—**Murphy, E. S.** The poor gall-bladder risk. *Illinois M. J.*, 1935, 68: 363-7.—**Niemeier, O. W.** The importance of earlier operation in chronic gall-bladder disease. *Canad. M. Ass. J.*, 1937, 37: 332-6.—**Nordmann, O.** Betrachtungen vom Standpunkt des Chirurgen aus. *Deut. med. Wschr.*, 1938, 64: 1573-6.—**Owen, H. R.** The surgical evaluation of the pathological gallbladder. *Texas J. M.*, 1939-40, 35: 600-4.—**Patterson, J. C.** Surgical treatment of gallbladder disease. *J. M. Ass. Georgia*, 1939, 28: 13-6.—**Pauchet, V.** Chirurgia delle vie biliari (le coliche epatiche; diagnosi di colecistite; colecistectomia o colecistostomia?) *Riforma med.*, 1925, 41: 313.—**Pfeiffer, D. B.** The indications for surgery in gallbladder disease. *Pennsylvania M. J.*, 1935-36, 39: 499-93.—**Pike, H. A.** A plea for early operation in diseases of the gallbladder. *Med. J. & Rec.*, 1926, 123: 583. Also repr.—**Poate, H. G. R.** The surgical gall-bladder. *Med. J. Australia*, 1927, 2: 433-6.—**Portis, S. A.** Should we operate on all our cases of gallbladder disease? *Radiol. Rev.*, 1938, 60: 90-3.—**Prince, H. L.** Gallbladder disease; optimum time for operation. *N. York State J. M.*, 1939, 39: 516-20.—**Ransohoff, J. L.** Surgical treatment of diseases of the gall-bladder. *Cincinnati J. M.*, 1926-27, 7: 191-6.—**Reid, W. L.** Surgical considerations of gallbladder disease. *Southwest J. M. & S.*, 1933, 17: 77-80.—**Ribas Ribas, E.** Cirugía biliar; las lesiones de la vejiga biliar, como base fundamental de las indicaciones y de la técnica quirúrgica. *Rev. cir. Barcelona*, 1931, 1: 9-53, 25 pl.—**Rish, L. V., & Rush, H. L.** The present status of surgery in gall-bladder disease. *N. Orleans M. & S. J.*, 1934-35, 87: 527-9.—**Royster, H. A.** Chapter No. 3 in gall-bladder disease. *Tr. South. Surg. Ass.* (1929) 1930, 42: 115-28.—**Santee, H. E.** Surgical aspects of gall-bladder disease. *Ann. Surg.*, 1931, 93: 1156-61.—**Segal, H. L.** Gallbladder disease; medical versus surgical treatment. *Rev. Gastroenter.*, 1937, 4: 292-6.—**Shafer, L. E.** The surgical treatment of the stoneless gallbladder. *J. Iowa M. Soc.*, 1936, 26: 243-6.—**Shewman, E. B.** Surgical disease of the gall-bladder. *Nat. Eclect. M. Ass.*, 1933, 24: 116-20.—**Simon, L.** Indikation für die Gallenblasenoperation. *Zschr. ärztl. Fortbild.*, 1939, 36: 257-9.—**Simpson, J. K.** Some observations upon the surgical treatment of chronic gall-bladder disease. *J. Florida M. Ass.*, 1926-27, 13: 58-63.—**Stanton, E. M.** The stoneless gall bladder; a study of operative cases. *Am. J. Surg.*, 1932, 18: 246-50.—**Steindl, H.** Gallenblasen- und Gallengangeserkrankungen bei Frauen und ihre Operationsindikationen. *Wien. med. Wschr.*, 1938, 88: 398-403.—**Steinke, C. R.** Acute gall-bladder disease. *Am. J. Surg.*, 1935, 27: 135-8. Also repr.—**Stobie, G. H.** The acute gall-bladder; early versus late operation. *Canad. M. Ass. J.*, 1940, 42: 158-62.—**Straus, D. C.** Gall-bladder disease from the standpoint of the surgeon. *Illinois M. J.*, 1927, 51: 373-8.—**Street, A.** Disease of gall bladder and bile ducts; symptomatology and results of surgical treatment. *South. Surgeon*, 1938, 7: 299-304.—**Strelinger, A.** Immediate surgical versus expectant medical treatment of clinically acute gall-bladder disease. *Am. J. Surg.*, 1940, 47: 105-10.—**Tannenbaum, V. S.** What are the indications for the surgical treatment of gall-bladder disease? *Med. Woman J.*, 1938, 45: 119.—**Taylor, F.** The acute gall-bladder. *Surg. Gyn. Obst.*, 1936, 63: 298-307.—Early operation in the acute gall-bladder. *J. Indiana M. Ass.*, 1937, 30: 388-91.—**Wakeley, C. P. G.** The problem of the gall-bladder. *Lancet, Lond.*, 1937, 2: 1413-6.—**Walton, J.** The surgical aspects of gall-bladder disease. *Practitioner, Lond.*, 1938, 140: 674-82.—**Whitaker, L. R.** Surgical management of gall-bladder disease. *N. England J. M.*, 1930, 203: 718-22.—**Wideroe, S.** A contribution to the elucidation of the question: cholecystectomy contra cholecystostomy. *Acta chir. scand.*, 1928, 63: 570-8.—**Wiersema, J. S.** [Operative treatment of cholecystopathy] *Ned. tsehr. geneesk.*, 1939, 83: 4930-7.—**Wilkie, D. P. D.** The indications for surgical treatment in gall-bladder disease. *Collect. Papers Dep. Surg. Univ. Edinburgh*, 1935, 1: No. 51.—**Willcutts, M. D.** The surgical gall-bladder. *U. S. Nav. M. Bull.*, 1938, 36: 469-76.—**Williams, V. T.** The cardiac hazards of gall-bladder surgery. *J. Missouri M. Ass.*, 1935, 32: 236-9.—**Willis, A. M.** Relative merits of ideal cholecystectomy, cholecystectomy, and cholecystostomy. *Surg. Gyn. Obst.*, 1922, 34: 183-5.—**Zininger, M. M., & Reid, M. R.** Diagnosis and surgical management of diseases of the gall-bladder. *Med. Rec., Houston*, 1939, 33: 331-6.—**Zinny, M.** Una prueba diagnóstica y pronóstica en las afecciones de la encrucijada subhepática. *Prensa méd. argent.*, 1935, 22: 2003-9.

Surgery: Methods.

See also subheadings Excision; Fistula; also Bile-duct, common, Surgery; Bile-ducts, Surgery; Biliary calculus, Surgery; Methods; Duodenum, Surgery.

- Albertin, R.** Suppression de la vésicule biliaire par la méthode de Pribram. *Lyon chir.*, 1933, 30: 207-14.—**Bailey, H., & Love, R. J. McN.** Electrosurgical obliteration of the gall-bladder without drainage (Thorek's operation). *Brit. M. J.*, 1939, 2: 682, pl.—**Baumecker, H.** Ueber den Rippenrandschnitt bei Gallenblasenoperationen. *Beitr. klin. Chir.*, 1929-30, 148: 27-35.—**Bérard, L., & Mallet-Guy, P.** L'étude expérimentale des anastomoses de la vésicule biliaire. *Lyon chir.*, 1933, 30: 17-36.—**Bertola, V.** Anestesia de la vesícula biliar y de las vias biliares. *Rev. méd. quir. pat. fem.*, B. Air., 1939, 13: 189-209.—**Bourne, W.** Anaesthesia in gall-bladder surgery. *Canad. M. Ass. J.*, 1927, 17: 1030-3.—**Branco Ribeiro, E.** Incisões para cirurgia do fígado e das vias biliares. *Ann. paul. med. cir.*, 1939, 38: 119-27.—**Cattell, R. B.** The technic of cholecystectomy and choledochostomy. *Surg. Clin. N. America*, 1937, 17: 731-42.—**Daly, H. J.** Anaesthesia in gall-bladder disease: methods of treatment in the so-called bad risk cases. *Austral. N. Zealand J. Surg.*, 1938-39, 8: 280-4.—**Daly, R.** Some recent developments in the surgery of the gall-bladder. *Med. J. S. Africa*, 1925-26, 21: 247.—**Dealy, F. N.** Factors of safety in gall-bladder surgery. *Med. Times, N. Y.*, 1932, 60: 305.—**DeCourcy, J. L.** Gall-bladder technic. *Ann. Surg.*, 1927, 85: 247-51.—Improved gall-bladder technic with special reference to omission of drainage. *Ibid.*, 1933, 98: 333-41.—**Desplas, B., & Meillère, J.** Cholécyctomies de dérivation; technique et indications de la cholécystomie continente. *Presse méd.*, 1931, 39: 91-4.—**Electro-surgery in gallbladder disease.** *Illinois M. J.*, 1934, 66: 511-3.—**Enderlen, R.** Zur Chirurgie der Gallenblase. *Versinsbl. pflälz. Aerzte*, 1929, 41: 335-41.—**Haeblerlin, J. B.** Factors that make for safe gall-bladder surgery. *Illinois M. J.*, 1931, 59: 142-6.—**Hagen, O. J.** Factors of safety in gall-bladder surgery. *Minnesota M.*, 1929, 12: 465-7.—**Hoke, C. C.** Factors of safety in gall-bladder surgery. *J. Oklahoma M. Ass.*, 1936, 29: 358-62.—**Holman, E.** Certain considerations in the technique of gall-bladder surgery. *Surg. Gyn. Obst.*, 1925, 41: 778-82.—**Horsley, J. S., jr.** Experimental study of cholecystogastrotomy and cholecystoduodenostomy. *South. M. J.*, 1927, 20: 669-74.—**Houssay, B. A., & Rubio, H. H.** Fonctionnement de la vésicule biliaire greffée au cou. *C. rend. Soc. biol.*, 1932, 111: 453-5.—**Jackson, R. H.** Avoidance of injury to the common bile duct. *Surg. Gyn. Obst.*, 1938, 67: 769-76.—**Kaiser, F. I.** Ueber präliminäre Cholecholektomie. *Zbl. Chir.*, 1938, 65: 1097.—**Krecke, A.** Sonstige Gallenblasenoperationen. In his *Beitr. prakt. Chir.*, Münch., 1934, 479-96.—**Kulenkampff, D.** Ueber die Technik der Gallenblasenoperationen. *Zbl. Chir.*, 1938, 65: 69-74.—**Lahey, F. H.** The technic of cholecystectomy and choledochostomy. *Surg. Clin. N. America*, 1939, 19: 597-605.—**Lambret, O.** Sur le drainage interne de la vésicule biliaire. *Bull. Soc. nat. chir.*, Par., 1927, 53: 972-82.—**McCarthy, F. B.** Infiltrative anesthesia in surgery of the gall-bladder. *Am. J. Surg.*, 1939, 43: 728-33.—**McHorter, G. L.** Clinical and experimental operations on the gallbladder and common duct; results of primary suture. *Arch. Surg.*, 1937, 35: 1099-125. Also repr.—**Maingot, R.** T-tube for gall-bladder operations. *Lancet, Lond.*, 1937, 1: 1111.—**Mamma, C. Z.** Cholecistogastrotomia, colecistoduodenostomia e colecistojuno-

stomia tubo-papilar. Rev. As. paul. med., 1933, 3: 302-5, 2 pl.—**Mirizzi, P. L., & Olmedo, F. A.** La mucoclasia de Pribram. Rev. cir. B. Aires, 1931, 10: 681-5.—**Mouat, T. B.** Gall-bladder forceps. Brit. M. J., 1938, 2: 408. Also Lancet, Lond., 1938, 2: 1116.—**Moucha, D. I.** Sur la chirurgie biliaire en 2 temps. Rev. st. med., Bueur., 1939, 28: 921-50.—**Mulleder, A.** Zur chirurgischen Behandlung der Gallenblase. Wien. klin. Wschr., 1928, 41: 919-21.—**Pohl, W.** Zur Drainage nach Bauchoperationen, speziell Gallenblasenoperation. Deut. med. Wschr., 1926, 52: 400.—**Pop, A.** Die Pribramsche Mukoklasie bei den Erkrankungen der Gallenblase. Zbl. Chir., 1931, 58: 3194-7.—**Pribram, B. O.** Zur Technik der Mukoklasie. Ibid., 1929, 56: 1054. — Progresos en la técnica del tratamiento quirúrgico de las enfermedades de la vejiga biliar. Rev. méd. germ. ibér. amer., 1931, 4: 65-76.

— The electrosurgical operation in gall-bladder diseases; results of 13 years' experience. Lancet, Lond., 1939, 2: 927-9.

— Cholecystocholedochostomy; an attempt to preserve a functioning gall-bladder when operating. Ibid., 1940, 1: 68-70.—**Puhl, H.** Zur Frage der Cholangiographie während der Operation. Zbl. Chir., 1937, 64: 2290-4.—**Robins, S. A., & Hermanson, L.** Colanglografia; técnica modificada para la exploración radiológica de los conductos biliares durante la operación. Rev. radiol. fisioter., Chic., 1937, 4: 256-61.—**Romanis, W. H. C.** Some points in the surgery of the gall-bladder. Practitioner, Lond., 1927, 119: 225-33.—**Schwyzler, A.** A handy incision in simpler cases of gall-bladder surgery. Tr. West. Surg. Ass., 1933, 43: 44-52. Also West. J. Surg., 1934, 42: 211-5.—**St Clair, W.** Operative technique of surgery of the gall-bladder. West Virginia M. J., 1925, 20: 528-33.—**Sanders, K. L.** Factors that make for safety in surgery of the gall-bladder. J. Tennessee M. Ass., 1931, 24: 333-8.—**Stater, W. J.** Transplantation of the gall-bladder; preliminary report. N. England J. M., 1931, 204: 1101. — Transplantation of the cholecystic viscus. West. J. Surg., 1931, 39: 102.

— **Thorek, M.** Cholecystelectrocoagulectomy without drainage in the treatment of gall-bladder disease. Illinois M. J., 1933, 64: 425-39. — Electrosurgical obliteration of the gall-bladder (75 consecutive, unselected, cases without mortality) J. Am. M. Ass., 1934, 103: 169-74. Also Arch. Phys. Ther., 1935, 16: 207-18. Also Cir. ciruján, Méx., 1935, 3: 171-82, 6 pl. — Instruments to facilitate maneuvers in gall-bladder surgery. Am. J. Surg., 1935, 30: 389.

— The advantages of electrosurgical obliteration of the gallbladder over classical cholecystectomy. Internat. J. M. & S., 1935, 48: 106-28.

— The rationale of electrosurgical obliteration of the gallbladder; a clinical study of 213 consecutive, unselected cases without mortality. Pennsylvania M. J., 1935-36, 39: 759-65. — Electrosurgical obliteration of gall-bladder without drainage. Am. J. Surg., 1936, 32: 417-34, 32 pl. Also repr. — Electrosurgical obliteration of the gallbladder; a report of 326 cases. C. rend. Congr. internat. insuff. hépat., 1937, 1, Congr., 537-44. — Electrosurgical obliteration of the gall-bladder without drainage; a report of 342 cases. Lancet, Lond., 1937, 1: 15-20. Also Radiol. Rev., 1937, 59: 162-72. — Electrosurgical obliteration of the gall-bladder without drainage; a report of 471 cases. Tr. Internat. Coll. Surgeons, 1938, 1: 173-84.

— Electrosurgical obliteration of gallbladder. Internat. M. Blue Book, 1938, 9: 16. Also Lancet, Lond., 1938, 1: 1186-8.—**Upham, R.** A plea for transverse incision in gall-bladder surgery. Hahnenman, Month., 1927, 62: 481-6.—**Vigayó, J., & Schulhof, E.** Studium zur Gallenblasenchirurgie (vorläufige Mitteilung) Zbl. Chir., 1925, 52: 1351-4.—**Whitaker, L. R.** Electro-cholecystocauter. Am. J. Digest. Dis., 1936-37, 3: 62. Also Arch. Phys. Ther., 1937, 18: 270-7.—**William, M.** Technique in the operating room. In Dis. gallbladder (W. Walters) Phila., 1940, 591-602.—**Williams, W. H.** A zigzag purse-string suture for gall-bladder work. Surg. Gyn. Obst., 1916, 22: 113.

— Surgery: Methods: Cholecysto-duodenostomy.

Bedarida, N. V. Sinfini colecisto-duodenali. Minerva med., Tor., 1932, 23: 558-61.—**Chiariello, A. G.** Contributo sperimentale allo studio della colecisto-duodenostomia. Riforma med., 1929, 45: 391-5.—**De Bernardis, M., & Micheli, E.** L'infezione ascendente nella cistico-duodenostomia sperimentale. Gior. batt. immun., 1936, 16: 841-67.—**Lambert, O.** Du drainage interne de la vésicule biliaire; cholecysto-duodenostomie à trajet intrapariétal. Presse méd., 1927, 35: 1089-91.—**Mirizzi, P. L.** Colecisto-duodenostomia valvular. Bol. Soc. cir. B. Aires, 1934, 18: 1319-27.—**Muller, G. P.** Cholecyst-duodenostomy. Ann. Surg., 1926, 84: 95-9.—**Nassau, C. F.** Gall-stone obstructing cholecystoduodenostomy. Surg. Clin. N. America, 1928, 8: 753-6.—**Orr, T. G.** Biliary infection following cholecystoduodenostomy. Tr. West. Surg. Ass. (1929) 1930, 39: 301-11. Also Month. Bull. Kansas City Clin. Soc., 1930, 6: 26-30.—**Pannella, P.** La colecisto-duodeno-anastomosi con tubi di metallo riassorbibile. Arch. ital. chir., 1932, 32: 645-57. Also Arch. Soc. ital. chir., 1932, 38: 809-12.—**Turco, A.** La colecisto-duodenostomia nell'occlusione alta dell'intestino. Minerva med., Tor., 1927, 7: 685-7.

— Surgery: Methods: Cholecysto-enterostomy.

Agrifoglio, M. Contributo sperimentale allo studio della colecisto-enterostomia. Ann. ital. chir., 1927, 6: 259-79.—

Cardia, A. Contributo sperimentale allo studio delle anastomosi della cistifellea col tubo gastroenterico. Ibid., 1935, 14: 689-742.—**Casati, E.** Un caso di colecistoenterostomia. Atti Accad. sc. med. natur. Ferrara (1919-20) 1920, 94: 3-5.—**Fullerton, A.** A modification of the operation of cholecystenterostomy. Brit. M. J., 1922, 1: 995.—**Gatewood & Lawton, S. E.** The effect of cholecystenterostomy on the biliary tract. Surg. Gyn. Obst., 1930, 50: 40-4.—**Gatewood & Poppens, P. H.** Cholecystenterostomy from an experimental standpoint. Ibid., 1922, 35: 445-52.—**Holst, J.** [Ligature of the bile duct in excision of the stomach and cholecystojejunostomy] Norsk. mag. laegevid., 1936, 97: [Forh. kir. foren. Oslo] 65-7.—**Murdy, R. L.** Indications for cholecystenterostomy. J. Lancet, 1923, 43: 89-91.—**Pope, S.** Cholecystenterostomy. Surg. Clin. N. America, 1922, 2: 533-5.—**Scollo, G.** Le modificazioni anatomiche della cistifellea e le variazioni della flora batterica biliare nelle colecisto-gastro-enteroanastomosi. Poll. clinico, 1934, 41: sez. chir., 40-52.—**Tagliavache, N.** Colecistoenterostomia del autor. Sem. méd. B. Air., 1922, 29: 375.—**Trautmann, M., Robbins, H. J., & Stewart, C. C.** An experimental study of the operation of cholecystenterostomy. Surg. Gyn. Obst., 1927, 44: 612-6.—**Vallone, D.** Le modificazioni anatomiche e batteriologiche delle vie biliari dopo le colecistoenteroanastomosi sperimentali. Ann. ital. chir., 1931, 10: 158-89.—**Walters, W.** The advantages of two-stage cholecystenterostomy. Surg. Gyn. Obst., 1929, 49: 376.—**Wise, W. D.** Cholecystocolostomy with a tube and the possibility of a valve formation. J. Am. M. Ass., 1924, 82: 1936. Also repr.

— Surgery: Methods: Cholecysto-gastrostomy.

GEISZ, P. *Contribution à l'étude de la cholecysto-gastrostomie. 70p. 8° Par., 1930.

Agrifoglio, M. Ricerche sperimentali sulla colecisto-gastrostomia. Ann. ital. chir., 1923, 2: 1265-78.—**Beaver, M. G.** Cholecystogastrostomy; an experimental study. Proc. Mayo Clin., 1929, 4: 97. Also Arch. Surg., 1929, 18: 899-912. Also repr.—**Béclère, H.** Deux cas de cholecystogastrostomie avec reflux baryté dans la vésicule biliaire. Bull. Soc. radiol. méd. France, 1934, 22: 95.—**Berard, L., & Mallet-Guy, P.** Résultats éloignés d'une cholecystogastrostomie pour syndrome bilio-hépatique. Lyon chir., 1927, 24: 83-6. — Physiologie et technique de la cholecystogastrostomie. J. chir., Par., 1928, 31: 321-39. — Les indications légitimes de la cholecystogastrostomie. Lyon chir., 1930, 27: 5-16. — Résultat éloigné d'une cholecystogastrostomie pour un syndrome vésiculaire douloureux déterminé par un état pathologique de la voie biliaire principale (vésicule intolérante) Lyon méd., 1930, 145: 573-7. Also Lyon chir., 1932, 29: 582. — Épithélioma primitif développé sur une bouche de cholecystogastrostomie vieille de 7 ans. Ibid., 1936, 33: 325.—**Bettman, R. B., & Tannenbaum, W. J.** A modification of the Tate Masterson method of cholecystogastrostomy or cholecystoduodenostomy. Ann. Surg., 1937, 106: 465-7.—**Bresadola, V.** Colecistogastrostomia. Boll. med. trent., 1934, 49: 216; 291.—**Cunéo, B.** La cholecystogastrostomie. Paris méd., 1927, 63: 491-3.—**DeBakey, M., & Ochsner, A.** A simple technique for cholecystogastrostomy. Surgery, 1939, 6: 126-8.—**DuBose, F. G.** Cholecystogastrostomy. South. M. J., 1927, 20: 674-81.

— Cholecystogastrostomy, with special reference to gall-bladder function, and the absence of ascending cholangitis. Tr. M. Ass. Alabama, 1930, 63: 412-22. Also Ann. Surg., 1931, 93: 736-44.—**Enderlen, Jr.** Cholecystogastrostomie. Deut. Zschr. Chir., 1931, 234: 787-90.—**Gage, I. M.** Changes in the liver following cholecystogastrostomy and cholecystoduodenostomy. Proc. Soc. Exp. Biol. N. Y., 1930-31, 28: 693-5.—**Gentile, A.** Cholecystogastrostomy and hepatitis. Arch. Surg., 1935, 30: 449-75.—**Lehman, E. P.** Hepatitis, following cholecystogastrostomy. Ibid., 1924, 9: 16-24.—**Lusena, G.** Colecisto-gastrostomia extraperitoneale. Arch. Soc. ital. chir., 1930, 36: 969-72.—**Mallet-Guy & Beaupère.** Exploration radiologique des bouches de cholecystogastrostomie. Arch. mal. app. digest., Par., 1926, 16: 686-706.—**Manuilow, A.** Die Einwirkung der Galle auf die Arbeit der Magendrüschen nach der Cholecystogastrostomie. Mitt. Grenzgeb. Med. Chir., 1928-30, 41: 733-50.—**Mason, J. T.** Technique of cholecystogastrostomy. J. Am. M. Ass., 1930, 94: 29. Also repr.—**Moore, C. A.** A case of cholecystogastrostomy. Brit. M. J., 1921, 2: 826.—**Norioka, E.** Ueber die Magensaftacidität nach der Cholecystogastrostomie. Polylin. Dairen, 1926-28, 3: No. 27, 137.—**Phillips, E. W. M. H., Isaac, D., & MacDonald, J.** Four biliary anomalies: a plea for cholecystogastrostomy. Brit. M. J., 1931, 1: 665.—**Ponomarev, A. F.** [Bile entrance into stomach after cholecystogastrostomy with permeability of the bile ducts] Omsky med. J., 1929, 4: 29-43. — [Effect of cholecystogastrostomy on the secretory function of the pancreatic gland] Ibid., 26-37.—**Presno, J. A.** Indicaciones y resultados lejanos de la colecistogastrostomia. Rev. med. cir. Habana, 1927, 31: 31-40.—**Ralphs, G.** The operation of cholecystogastrostomy. Brit. M. J., 1922, 1: 14.—**Saidmann, M.** Eine Methode der Cholecystogastrostomie mit Payrschen Magnesium-Prothesen. Chirurg, 1932, 4: 184.—**Santy, P., Mallet-Guy, P., & Croizat, P.** Documents anatomiques sur l'évolution éloignée des cholecystogastrostomies; réinterventions tardives pour suppression de l'anastomose. Ann. anat. path., Par.,

1939, 16: 697-703.—Villard & Richer. La cholécysto-gastrostomie. *Rev. chir., Par.*, 1925, 63: 455-66.—Villata, G. Contributo clinico alla colecistogastrotomia. *Ann. ital. chir.*, 1928, 7: 582-96.—Walters, W. Cholecystogastrotomy. *Surg. Gyn. Obst.*, 1926, 42: 825-7.—Weinberg, J. A., Wallin, S. P., & Binger, M. W. Gall bladder-stomach anastomosis; a clinical and experimental study. *Ibid.*, 1927, 45: 795-8.—Zollinger, R. A method of valvular cholecystogastrotomy. *Ibid.*, 1940, 70: 71-8.

— Surgery: Methods: Cholecystostomy.

CHEVALLIER, R. J. *Sur certains résultats éloignés de la cholécystostomie. 107p. 25cm. Par., 1938.

KRETSCH, D. *Die Stellung der Cholecystostomie in der Chirurgie der Gallenwege. 42p. 8°. Frankf. a. M., 1935.

Barber, W. H., & Harrison, F. M. The sequelae after cholecystostomy, with special reference to cholelithiasis. *Ann. Surg.*, 1935, 102: 218-23.—Berger, J. Les indications de la cholécystostomie, opération d'urgence, de prévoyance ou de nécessité. *Presse méd.*, 1925, 33: 1174-6.—Biancheri, T. Sul valore della colecistostomia. *Arch. ital. chir.*, 1932, 31: 541-5.—Bonneau, R. La mucoorrhée de la cholécystostomie exclue. *Rev. méd. chir. mal. foie*, 1934, 9: 49-51.—Canals Mayner, R. El retorno a la colecistostomia. *Rev. cir. Barcelona*, 1936, 11: 1-11.—Cazzamali, P., & Pecco, R. Tecnica della colecistostomia esterna. *Arch. ital. chir.*, 1938, 49: 501-53.—Chifoliau, Coudure du cholédoque après cholécystostomie. *Bull. Soc. nat. chir., Par.*, 1924, 50: 957.—De Harven, Godart & Helman. Troubles du transit des sécrétions dans la voie bilopancréatique principale; la cholécystostomie; manoeuvre de diagnostic. *Presse méd.*, 1939, 47: 1656-8.—Desjardins, A. Sur la technique de la cholécystostomie. *Bull. Soc. chir. Par.*, 1935, 27: 100-6.—Dietrich, H. Ergebnisse nach Cholecystostomie. *Chirurg*, 1933, 5: 929-32.—Eliason, E. L., & Ferguson, L. K. Cholecystostomy, with special reference to post-operative morbidity and function. *Ann. Surg.*, 1931, 94: 370-80.—Flörcken, H., & Kretsch, D. Die Bedeutung der Cholecystostomie für die Chirurgie der Gallenwege. *Beitr. klin. Chir.*, 1935, 161: 513-9.—Galvan, J. Dos observaciones sobre colecistostomía. *Rev. mex. cir.*, 1939, 7: 293-8.—Geissendörfer, H. Die heutige Stellung der Cholecystostomie und ihre Ergebnisse an der Frankfurter Klinik. *Beitr. klin. Chir.*, 1938, 167: 609-21.—Hartung, H. Cystostomie und sekundäre Ektomie der Gallenblase. *Zbl. Chir.*, 1936, 63: 726-30.—Jenkinson, E. L., & Foley, J. M. Cholecystographic findings following cholecystostomy. *Am. J. Roentg.*, 1936, 36: 301-4.—Juaristi, V. Un voto por la colecistostomía. *Rev. B. Air*, 1931, 10: 119-21.—Krabbel, M. Berechtigung und Indikationsgebiet der Cholecystostomie. *Beitr. klin. Chir.*, 1928, 142: 36-40.—Krieger Lassen, H., & Christiansen, H. [Cholecystographic investigation of cholecystostomized patients] Hospitalstidende, 1938, 81: suppl., 107-16.—Lavizzari, Sandri & Sostegni. Modificazioni del p₁₂ biliare durante la colecistostomia; ricerche sperimentali. *Osp. maggiore, Milano*, 1939, 27: 480.—Madina-veitia, J. M. Cholecistostomia. *Progr. clin. Madr.*, 1933, 41: 3-15. Also *Rev. méd. Barcelona*, 1933, 19: 21-40. Also *Día méd.*, B. Air, 1933-34, 6: 612; 1935, 7: 1073.—Martel, T. de. Cholecystostomie. In *Prat. chir. illustr.* (Pauchet, V.) 3. éd. Par., 1938, 22: 109-22.—Mátyás, M. Ueber die gelegentlich vermeidbaren Ursachen der Beschwerden nach Cholecystostomie. *Zbl. Chir.*, 1934, 62: 1272.—Müller, E. Erfahrungen mit der Cholecystostomie. *Chirurg*, 1939, 11: 592-7.—Ortega de la Riva, E. La colecistostomia. *Arch. med.*, Madr., 1934, 37: 1309-14.—Pasqualis, D. A. Les cholécystostomies, considérations sur la technique de Victor-Pauchet. *Bull. Soc. chir. Par.*, 1929, 21: 727-31.—Pauchet, V., & Hirschberg, A. Considérations sur l'anus biliaire (cholecystostomie) Clinique, 1933, 28: 127-9.—Redi, R. Il metodo post-operativo del Paravecchio nella colecistostomia, ed alcune osservazioni istologiche ad esso riferentisi. *Atti Acad. fisioer. Siena*, 1927, 10. ser., 2: 61-7. pl.—Santy, P., & Mallet-Guy, P. La cholécystostomie dans le traitement des syndromes douloureux vésiculaires non lithiasiques. *Lyon chir.*, 1927, 24: 462-8.—Spurling, R. G., & Whitaker, L. R. End-results of cholecystostomy as shown by the cholecystogram. *Surg. Gyn. Obst.*, 1927, 44: 463-7.—Taddei, D. Colecistostomia transpericélica: tecnica ed indicazioni. *Arch. Soc. ital. chir.*, 1934, 40: 365.—Thiercy, P. Sur la cholécystostomie. *Bull. Soc. nat. chir., Par.*, 1924, 50: 956.—Uffreduzzi, O. Vecchie e nuove questioni intorno alla colecistostomia. *Arch. ital. chir.*, 1938, 54: 764-76.

— Surgery: Methods: Cholecystotomy.

Brenner, A. Die ideale Cholecystotomy. *Wien. klin. Wschr.*, 1929, 42: 476.—Fallon, L. F. Cholecystotomy versus cholecystostomy. *Arch. Surg.*, 1929, 18: 1259-61.—Smith, P., & Roy, G. La cholécystendèse ou cholécystotomy. *Union méd. Canada*, 1936, 65: 29-36.

— Surgery: Mortality.

Bernhard, F. Der Einfluss des Pankreas auf die Sterblichkeit nach Operationen an den Gallenwegen. *Zbl. Chir.*, 1938, 65: 920-7.—Best, R. R., & Hicken, N. F. A probable cause

for the high mortality following cholecystostomy, cholecystogastrotomy, and cholecystoduodenostomy in jaundiced patients. *Surgery*, 1937, 2: 566-74.—Boyce, F. F., Veal, J. R., & McFeiridge, E. An analysis of the mortality of gall-bladder surgery, with special note on the so-called liver death; based on 404 consecutive surgical cases and 100 consecutive surgical deaths in the New Orleans Charity Hospital. *Surg. Gyn. Obst.*, 1936, 63: 43-53.—Carter, R. F., Heyd, C. G., & Hotz, R. A comparative study of the operative mortality in the various stages of gallbladder pathology. *Am. J. Surg.*, 1939, 44: 688-94.—Davis, B. B. Gall-bladder surgery; operative mortality and end-results. *Tr. West. Surg. Ass.* (1927) 1928, 37: 319-30. Also *Ann. Surg.*, 1928, 87: 735-41.—Gelpi, M. A study of gall-bladder disease with special reference to post-operative mortality and morbidity. *J. Tennessee M. Ass.*, 1926-27, 19: 1-4. Also *N. Orleans M. & S. J.*, 1926-27, 79: 557-63.—Hellström, J. Auf welche Weise kann man die Mortalität nach Gallenoperationen verringern und die Spätergebnisse verbessern. *Arch. ital. chir.*, 1938, 52: 519-27.—Hewitt, H. W. Liver deaths following surgery of the gall-bladder. *J. Michigan M. Soc.*, 1935, 34: 421-4.—Heyd, C. G. Liver deaths in surgery of the gallbladder. *J. Am. M. Ass.*, 1931, 97: 1847-9.—Shearer, J. P. Mortality following gall-bladder surgery. *Ann. Surg.*, 1933, 98: 1114.—Stevenson, W. O. Mortality in surgery of the gallbladder. *Canad. M. Ass. J.*, 1936, 34: 534-9.—Verbruyck, J. R., jr. Gall-bladder operative mortality. *South. M. J.*, 1929, 22: 452-5.

— Surgery: Pre- and postoperative management.

Butt, H. R. Preoperative and postoperative care: general principles. In *Dis. gallbladder* (W. Walters) Phila., 1940, 497-513.—Carter, R. F. Pre-operative and post-operative treatment of the gall-bladder patient. *Ann. Surg.*, 1927, 84: 555-64.—Cohen, J. Y. Postoperative treatment of surgery of biliary disease. *Med. Rec., N. Y.*, 1937, 146: 261.—Crisler, J. A., jr. Pre- and post-operative treatment of gall-bladder disease. *Memphis M. J.*, 1937, 12: 178-80.—Eiss, S. Conservation of hepatic function in gall-bladder operations; precautionary measures to prevent liver deaths. *Ann. Surg.*, 1933, 98: 348-53.—Foster, G. S. Post-operative treatment of gallbladder diseases. *Med. World*, 1930, 48: 367-73.—Hartley, A. Postoperative treatment of gall-bladder cases. *Hahnemann. Month.*, 1932, 67: 668.—Hurst, A. F. Pre- and post-operative treatment of gall-bladder disease. *Brit. J. Surg.*, 1933, 20: 444-6.—Liekker, K. H., jr. Zur Vor- und Nachbehandlung chirurgischer Gallenblasenerkrankungen. *Zbl. Chir.*, 1933, 60: 2938-41.—Lyell, R. O. Post-operative care of gall-bladder diseases. *J. Florida M. Ass.*, 1925-26, 12: 63-5.—McKay, W. J. S. The preoperative preparation of patients with jaundice due to gall-bladder disease. *Med. J. Australia*, 1930, 2: 591-5.—McKeithen, A. M. Preoperative and postoperative care in diseases of the gall-bladder and gall-ducts. *Kentucky M. J.*, 1939, 37: 565-71.—Noehren, A. H. Preoperative preparation in surgical biliary disease. *Med. Rec., N. Y.*, 1937, 146: 258-60.—Portis, S. A. Medical aspects of the preoperative and postoperative management of gallbladder disease. *Med. Clin. N. America*, 1934, 17: 1591-605.—Pribram, B. O. C. Pre- and post-operative treatment of hepato-biliary diseases. *Brit. M. J.*, 1939, 2: 441-5.—Vauthey, M. After-treatment of cholecystectomy; hydro-mineral therapy. *Rev. Gastroenter.*, 1937, 4: 139-41.—Walters, W., & Butt, H. R. Specific features of postoperative management. In *Dis. gallbladder* (W. Walters) Phila., 1940, 520-39.—Weiss, S. Preoperative and postoperative medical management of biliary conditions. *Med. Rec., N. Y.*, 1939, 150: 311-6.

— Surgery: Results [including residues of disease]

PRIBRAM, B. O. Die sogenannten Rezidivbeschwerden nach Gallenoperationen. p.114-75. 8°. Karlsbad, 1935.

ROHE, E. *Nachuntersuchungen an Gallenoperierten des Jahres 1928-29 [Düsseldorf] 23p. 8°. Quakenbrück, 1932.

Andrews, E. Detailed studies of a series of gall-bladder cases. *Tr. West. Surg. Ass.*, 1932, 42: 359-81. ch.—Ball, W. G. Personal experiences in the surgery of the gall-bladder. *S. Barth. Hosp. Rep., Lond.*, 1937, 70: 15-41.—Bashein, H. Gall-bladder surgery observations from a series of cases as to the advantages of early operations. *Am. J. Surg.*, 1934, n. ser., 23: 506-13. Also repr.—Bernhard. Resumen bibliográfico sobre 1,000 coledocotomías y 5,000 colecistectomías. *Sem. méd., B. Air*, 1937, 44: pt 2, 505-12.—Black, J. M. A review of 100 consecutive gall-bladder operations. *Brit. M. J.*, 1935, 1: 11.—Boland, F. K. Results of gallbladder surgery. *Piedmont Hosp. Bull.*, 1927, 4: 13-20.—Bunch, G. H. A review of 89 cases of gall-bladder surgery. *J. South Carolina M. Ass.*, 1926, 22: 162-6.—Cameron, M. H. V. Surgery of the gall-bladder; review of 30 cases. *S. Michael Hosp. M. Bull.*, Toronto, 1928, 3: 49-57.—Cannaday, J. E. Some personal experiences in gall-bladder surgery (a report on 674 operative gall-bladder cases). *West Virginia M. J.*, 1934, 30: 248-54.—Carrère, J. Resultados terminales de las operaciones sobre la vesícula y vías biliares. *Día méd. urug.*, 1937-38, 5: 251-4.—Carroll,

W. C. Causes of some surgical failures in gallbladder disease. Minnesota M., 1925, 8: 583-5.—**Correll, P.** Functional results of gallbladder surgery in 500 cases. Pennsylvania M. J., 1937-38, 41: 604-7.—**Crite, G.** The causes of failure in surgery of the biliary tract and how to avoid them. Surg. Clin. N. America, 1936, 16: 965-73.—**Crowell, L. A.** Cholecystostomy in January; cholecystoduodenostomy in April; drainage of lumbar abscess in May; still a problem. South. M. & S., 1936, 98: 23-5.—**Danzis, M.** Analysis of 250 cases of gall-bladder operation. J. M. Soc. N. Jersey, 1928, 25: 642; 718.—**Deaver, H. C.** Seventy-five years of gall-bladder surgery. M. & S. Rep. Episc. Hosp., Phila., 1930, 6: 128-38.—**Doran, W. T., Lewis, K. M.** [et al.] Gall-bladder surgery; a report of 200 consecutive operated cases of gall-bladder disease. Ann. Surg., 1933, 98: 321-32.—**Evans, C. A., & Everts, E. L.** A review of 645 operations on the gallbladder and biliary ducts. Wisconsin M. J., 1939, 38: 529-32.—**Ewing, M. O.** Liver function and gallbladder surgery. N. Orleans M. & S. J., 1926-27, 79: 349-53.—**Fallon, M. F.** Observations based on 1,100 operations for gallbladder diseases. Boston M. & S. J., 1927, 196: 171-5.—**Fedeli, F.** Le modificazioni della parete della cistifellea conseguenti all'ablazione della mucosa. Clin. chir., Milano, 1931, 34: 1107-23.—**Goldish, D. R., & Gillespie, M. G.** A review of 347 gall-bladder operations. Am. J. Surg., 1933, 21: 30-7.—**Grassi, A.** Risultati immediati e lontani delle colecistectomie e di altri interventi sulle vie biliari. Riforma med., 1937, 53: 1236-42.—**Gray, H. K.** Symptoms which follow cholecystectomy and other operations on the gall bladder. In Dis. gallbladder (W. Walters) Phila., 1940, 565-90.—**Harbin, R. M.** Gallbladder surgery with reference to the unrelieved case. J. M. Ass. Georgia, 1927, 16: 85-93.—**Jahiel, R.** Sur une cause de séqueles hépatiques après les opérations sur la vésicule biliaire; sensibilisation du foie; réactions hépatiques d'origine endocrinienne. Presse méd., 1933, 41: 331-3.—**Johnson, T. B., & Pearre, A. A.** A clinical study of the results of 470 operations on the gallbladder. South. M. J., 1926, 19: 889-92.—**Leopold, G.** Rezidivbeschwerden nach Gallenblasenoperation und deren interne Behandlung. Med. Welt, 1928, 2: 1025-7.—**Lucas Sierra.** Breves consideraciones acerca de 2 operados de las vías biliares en que no se extirpó la vesícula. Bol. Soc. cir. Chile, 1925, 3: 73-80.—**Marks, G. A.** The late results of operation in 109 cases of gall-bladder disease; a resume of cases treated at the Free Hospital for Women, Brookline, Massachusetts between 1905 and 1926. N. England J. M., 1929, 200: 587-92.—**Mayo, C. H.** Life expectancy following operations on the gall bladder. Abstr. Proc. Ass. Life Insur. M. Dir. America, 1915-16 [Discussion] 324-33. The gall-bladder of 1926. Ann. Surg., 1926, 84: 358-65.—**Mentzer, S. H.** The status of gall-bladder surgery; based on a study of 14,000 specimens. J. Am. M. Ass., 1928, 90: 607-10.—**Meyers, S. G., Sandweiss, D. J., & Saltzstein, H. C.** End results after gallbladder operations with an analysis of the causes of residual symptoms. Am. J. Digest. Dis., 1938-39, 5: 667-74.—**Muller, G. P.** Certain experiences with gall-bladder surgery. Med. J. & Rec., 1926, 123: 446-51.—**Ohly, A.** Beitrag zur Ursache und Therapie der nach Gallenblasenoperationen auftretenden Beschwerden. Arch. Verdauungskr., 1925-26, 36: 360-71.—**Palmer, D. W.** Pre-operative pathology in its relation to post-operative gallbladder deaths. Ohio M. J., 1934, 30: 293-7.—**Reh fuss, M. E.** Medical complications following operations on the gall-bladder. Tr. Am. Gastroenter. Ass. (1924) 1925, 27: 190-6. Also Med. Clin. N. America, 1938, 22: 1683-95.—**Schönbauer, L.** Erfahrungen an 480 Eingriffen am Gallensystem. Chirurg, 1937, 9: 161-70.—**Schöndube, W.** Rezidivbeschwerden nach Gallenblasenoperationen. Ibid., 1935, 7: 353-62.—**Schraer, I. A.** [Surgery of the gall-bladder and ducts; data from the surgical department of Dr. Oppel's clinic] Vest. khir., 1936, 44: 234-9.—**St Clair, W. H.** An analysis of 298 cases of operations on the gall-bladder with conclusions as to operative procedure. Virginia M. Month., 1934, 61: 25-8.—**Seidler, V. B.** Some considerations in gall-bladder surgery, analysis of 100 cases. J. M. Soc. N. Jersey, 1938, 35: 723-8.—**Stanton, E. M.** The stoneless gallbladder; a study of post-operative end results. J. Am. M. Ass., 1926, 87: 2160-2.—**Welcker, E. R.** Dreißig Jahre Gallenblasenchirurgie in Greifswald. Beitr. klin. Chir., 1935, 161: 47-56.—**Wilson, W. D., Lehman, E. P., & Goodwin, W. H.** Prognosis in gallbladder surgery. J. Am. M. Ass., 1936, 106: 2209-13.

Syphilis.

See Syphilis.

Torsion.

BIRN, H. *Ein Fall von Volvulus der Gallenblase. 18p. 8°. Lausanne, 1936.

KROPP, H. *Die Stieldrehung der Gallenblase [Bonn] 44p. 8°. Hagen, 1934.

SUTTER, A. *Die Stieltorsion der Gallenblase [Zürich] 16p. 8°. Berl., 1925.

Also Beitr. klin. Chir., 1925, 133: 519-32.

Ackermann, H. Stieldrehung der Gallenblase. Arch. klin. Chir., 1934, 181: 311-6.—**Arthur, H. R.** Acute torsion of the gall-bladder. Brit. M. J., 1937, 2: 265.—**Badolle.** Volvulus de la vésicule biliaire. Lyon chir., 1937, 34: 221-3.—**Berry, W. H.** Torsion of the gallbladder. J. Am. M. Ass., 1939, 112: 1580.—

Blank, E. Report of a case of strangulation (torsion) of the gall-bladder with perforation and gangrene in a boy of 17. N. England J. M., 1935, 212: 197.—**Bologna, M.** Ricerche sperimentali sulla torsione della cistifellea. Ann. ital. chir., 1925, 4: 900-22.—**Brocq, P.** Volvulus de la vésicule biliaire; cholécystectomie; guérison. Bull. Soc. nat. chir., Par., 1931, 57: 333-40. Also Presse méd., 1931, 39: 1015-7.—**Bronner, H.** Kongenitale Fundusknickung der Gallenblase (cholecystographische Diagnose und klinische Bedeutung) Beitr. klin. Chir., 1928, 145: 132-42.—**Costantini, P.** Acutissima torsione della cistifellea. Policlinico, 1930, 37: sez. chir., 149-55.—**Cuervo, S., & Cuervo, T.** A propósito de 2 casos de vólvulo biliar en 2 niños de 5 y 11 años de edad respectivamente. Arch. Soc. estud. clín. Habana, 1939, 33: 295-305.—**Cusani, M.** Torsione della cistifellea. Gazz. internaz. med. chir., 1933, 41: 97-102, pl.—**Daraigne, V.** Volvulus de la vésicule biliaire; cholécystectomie; guérison. Bull. Soc. nat. chir., Par., 1926, 52: 701-3.—**Finucci, V.** Torsione lenta della cistifellea (ricerche cliniche, batteriologiche ed istologiche) Riforma med., 1931, 47: 801-3.—**Fischer, A.** Ueber Torsion der Gallenblase. Zbl. Chir., 1925, 52: 1527-31.—**Fleming, J. P.** A case of torsion of the gall-bladder. Glasgow M. J., 1939, 132: 22.—**Frey, W.** Volvulus der Gallenblase. Zbl. Chir., 1939, 66: 535-40.—**Gavino, I.** Torsione sperimentale della cistifellea. Sperimentale, 1933, 87: 109-19.—**Giacobbe, C.** Torsione acuta della cistifellea. Gior. med. mil., 1932, 80: 991-7.—**Gill, F.** Torsion of the gall-bladder. Irish J. M. Sc., 1934, ser. 6, No. 98, 86.—**Giupponi, E.** La torsione della cistifellea. Policlinico, 1938, 45: sez. prat., 852-8.—**Grunert, A.** Ueber Stieldrehung der Gallenblase. Arch. klin. Chir., 1926, 143: 527-9.—**Gwynne, R. G.** Torsion of the gall-bladder. Brit. M. J., 1930, 1: 823.—**Herfarth, H.** Das Symptombild der Gallensteinerkrankung ausgelöst durch Torsion des Gallenblasenkörpers. Zbl. Chir., 1932, 59: 2268.—**Holden, W. B.** Volvulus of the gallbladder. J. Am. M. Ass., 1927, 88: 1077.—**Huddy, G. P. B.** Torsion of the gall-bladder. Lancet, Lond., 1926, 2: 120.—**Hun, H. H.** Torsion of the gall-bladder. Albany M. Ann., 1936, 55: 98-102.—**Jenckel.** Volvulus der Gallenblase mit Gangrän. Deut. Zschr. Chir., 1926, 197: 171-4.—**Kahle, H. R.** Torsion of the gallbladder; report of a case, with a brief comment on certain aspects of this accident. N. Orleans M. & S. J., 1939-40, 92: 37-9.—**Kowalewski, P. M.** Die hochgradige Stieltorsion der Gallenblase. Deut. Zschr. Chir., 1931, 231: 809-11.—**Krinke, J.** [Volvulus of the gall-bladder] Cas. lék. česk., 1936, 75: 775.—**Mastrosimone, C.** Sul meccanismo delle torsioni della cistifellea. Ann. ital. chir., 1934, 13: 385-96. Also Sem. méd., B. Afr., 1934, 41: pt 2, 550-6.—**Mazzarelli, M.** Ricerche sulla torsione della cistifellea. Gior. clin. med., 1933, 14: 1574-95.—**Meade, H. S.** A case of torsion of the gallbladder. Irish J. M. Sc., 1929, 6, ser., 262-4.—**Medri, G.** Sopra un caso di torsione della cistifellea. Boll. Pollamb. Giuseppe Ronzoni, 1936, 10: 91-8.—**Mecker, W. R., & Lisenby, J. O.** Ptosis and torsion of the gall-bladder. South. M. J., 1932, 25: 609-14.—**Murray, J. F.** Torsion of the gall-bladder. Brit. J. Surg., 1933, 20: 687.—**Pallotti, A.** Su di un caso di volvulo della cistifellea. Bull. sc. med., Bologna, 1933, 105: 509-21.—**Pilven, J., & Siméon, A.** Sur les volvulus de la vésicule biliaire. Mém. Acad. chir., Par., 1939, 65: 440-4.—**Podestà, D.** Su un caso di torsione acuta di cistifellea calcicola. Gazz. med. lombarda, 1934, 93: No. 11, 1-7.—**Ramshorst, W. J. van** [Torsion of the gall bladder] Ned. tscr. geneesk., 1926, 70: pt 2, 2798-800.—**Romani, A.** Su la torsione della vescichetta biliare: contributo clinico-operativo e anatomo-patologico. Minerva med. Tor., 1928, 8: 660-6.—**Sabrazès, J.** Anatomie pathologique du volvulus de la vésicule biliaire. Rev. méd. chir. mal. foie, 1930, 5: 97-105.—**Scarpello, A.** Sulla torsione della cistifellea (ricerche sperimentali) Clin. chir., Milano, 1927, 30: 1256-74.—**Shipley, A. M.** Torsion of the gallbladder. Arch. Surg., 1927, 14: 968-77. Also repr.—**Short, A. R., & Paul, R. G.** Torsion of the gall-bladder. Brit. J. Surg., 1934, 22: 301-9.—**Smith, W. H. M.** A case of torsion of the gall-bladder. Liverpool Med. Chir. J., 1936, 44: pt 2, 139.—**Suggitt, S. C.** Torsion of the gall-bladder. Brit. M. J., 1935, 1: 977.—**Therappen, F. I.** Hochgradige Stieltorsion der Gallenblase. Fortsch. Med., 1928, 46: 125.—**Zum Busch, J. P.** Die Stieltorsion der Gallenblase. Münch. med. Wschr., 1927, 74: 1099.

Tuberculosis.

See Tuberculosis.

Tumor.

See also subheadings.

Capua, A. Tumori benigni della colecisti; stato attuale e contributo personale. Nuntius radiol., Sienna, 1939, 7: 357-74, 4 pl.—**Citron, J.** Ueber einen Fall von röntgenologisch nachgewiesener Neubildung der Gallenblase nach Cystektomie. Med. Klin., Berl., 1926, 22: 1491.—**Clemente, G.** Tumori sperimentali della coleciste. Arch. Soc. ital. chir. (1926) 1927, 817-28.—**Eisler, F.** Die Röntgendiagnose der Gallenblasen- und Pankreastumoren. Wien. klin. Wschr., 1931, 44: 1441-3. Also Mitt. Volksgesundhamt., Wien, 1932 [Aerzt. Prax.] 44.—**Gioia, E.** Sui cosiddetti tumori sperimentali della cistifellea della cavia. Arch. Ist. biochim. ital., 1929, 1: 351-84.—**Hamperl, H.** Ueber neuromartige Bildungen in einer Schrumpfgallenblase. Virchows Arch., 1928, 269: 791-6.—**Király, J.** [Histopathology of pseudoxanthoma of gallbladder] Orv. hetil., 1934, 78: 333-6.—**Kirklin, B. R.** Cholecystographic diagnosis

of neoplasms of the gall-bladder. Tr. Am. Gastroenter. Ass., 1932, 291-300. Also Am. J. Roentg., 1933, 29: 8-16. Also Collect. Papers Mayo Clin., 1938, 30: 830-7.—**Pytel, A.** Zur Kasuistik der benignen Geschwülste der Gallenblase. Zbl. Chir., 1930, 57: 2240-2.—**Simon, E.** Tumoren der Gallenblase. Chirurg, 1936, 8: 966-72.—**Tantini, E.** Processi produttivi da olio di vasellina in cistifellea di coniglio. Tumori, 1935, 21: 579-605, 3 pl.—**Triggiani, A.** Contributo allo studio dei tumori mesenchimali di tipo immaturo primitivi della cistifellea. Sperimentale, 1934, 88: 615-34.—**Wiglesworth, F. W.** A rare tumour of the gall-bladder. Canad. M. Ass. J., 1933, 29: 410-2. Also repr.

Ulcus.

Junghanns, H. Blutendes Ulcus in der Gallenblase. Deut. Zschr. Chir., 1930, 224: 93-6.—**Van Ravenswaay, A. C.** Benign ulcer of the gall-bladder. Am. J. Digest. Dis., 1938-39, 5: 173.

in animals.

Ando, B. On the gall-bladder of the giraffe. Okajimas fol. anat., 1939, 18: 559-63.—**Boecolari Segolini, A.** Sull'anatomia patologica della cistifellea. Clin. vet., Milano, 1928, 51: 78; 150; 203; 280; 3 pl.—**Darány, J.** [Comparative anatomy of the gallbladder] Közl. össeghes. élet & kört., 1931, 24: 656-73.—**Evans, L. T.** The development of the gall cyst and its related ducts in the Gecko, *Gymnodactylus kotschyl.* Zschr. ges. Anat., 1. Abt., 1933, 102: 169-74.—**Grunberg, A.** Su una particolarità morfologica della cistifellea di *Parus major*. Monit. zool. ital., 1935, 49: 85-90.—**Holmberg, A. D., & Soler, F. L.** Vertebrados sin vesícula biliar. Prensa méd. argent., 1938, 25: 1079-87.—**Hollingworth, C. F. W.** The gall-bladder in animals. Edinburg H. J., 1936, 43: No. 7, 458-61.—**Kovács, A.** Cholecystitis polyposa (Fibroepithelioma Hieronymi) des Hundes. Zbl. allg. Path., 1932-33, 56: 377-80.—**Mentzer, S. H.** Cholecystic disease in pigs, sheep and cattle. California West. M., 1934, 40: 333-6.—**Neseni, E.** Die Galle des Waschbären. Arch. wiss. prakt. Tierh., 1937, 72: 10-4.—**Russell, W. C., Taylor, M. W., & Chichester, D. P.** The relation between the antirachitic factor and the weight of the gall-bladder and contents of the chicken. J. Nutrit., 1934, 8: 689-94.—**Winkewerder, W. L.** A study of the lymphatics of the gall-bladder of the cat. Bull. Johns Hopkins Hosp., 1927, 41: 226-38.

GALL-DUCT.

See Bile-ducts.

GALLE, Max, 1897— *Die Dauererfolge nach Dickdarmresektion. 31p. 8°. Berl. [Blücher] 1926.

GALLE, Roger, 1911— *Lymphogranulomatose maligne dans ses rapports avec la tuberculose. 71p. 8°. Par., Lipschutz, 1938.

GALLEIN.

See under Pyrogallol.

GALLEMAERTS, Emile, 1860-1936. Examen microscopique des affections de la cornée au moyen de la lampe à fente. 2 p. l. 122 [46]p. 22 pl. 8°. Par., Masson & cie, 1926.

For biography see Ann. ocul., Par., 1936, 173: 97-100, portr. (G. Kleefeld) Also Arch. opht., Par., 1936, 53: 77-9 (F. Terrien) Also Bull. Acad. méd. Belgique, 1936, 6. ser., 1: 2-6.

GALLENGA, Riccardo.

See *Rassegna italiana d'ottalmologia*. v.1, 1932—

GALLERAND, Lucien Paul, 1889— *Résultats éloignés du traitement d'attaque novarséno-bismuthique écourté et non consolidé dans la syphilis précoce. 89p. 8°. Par., Libr. E. Le François, 1938.

GALLERIA.

See also Lepidoptera.

Chorine, V. Les microbes pathogènes de *Galleria mellonella*. Ann. Inst. Pasteur, Par., 1927, 41: 1114-25.—**Iwasaki, Y.** L'enkystement de corps étrangers aseptiques chez la chenille de *Galleria*. C. rend. Soc. biol., 1926, 95: 98-100.—**Tateiwa, J.** Le formule leucocytaire du sang des chenilles normales et immunisées de *Galleria mellonella*. Ann. Inst. Pasteur, Par., 1928, 42: 791-804.

GALLET, Jean. *Le nystagmus du voile (myoclonie vélo-pharyngo-laryngée) et les myoclonies associées oculaires, faciales, sus-hyoïdiennes, diaphragmatiques; le syndrome myoclonique de la calotte protuberantielle [Paris] 140p. 8°. Poitiers, Soc. fr. impr., 1927.

GALLET, Toussaint, 1905— *L'assistance publique à l'hôpital; ce qu'elle est; ce qu'elle

devrait être. 39p. 8°. Par., E. Le François, 1934.

GALLEZ, Louis, 1833-1919.

Bayet. Eloge du Docteur Louis Gallez. Bull. Acad. méd. Belgique, 1926, 5. ser., 6: 113-26, portr.

GALLI, Giovanni. Come prolungare la vita; studio dei mezzi per combattere la vecchiaia precoce. xv, 310p. 12°. Milano, U. Hoepli, 1921.

GALLI, Giuseppe. Della prima e seconda dentizione. 60p. 8°. Nap., S. Felicò, 1901.

GALLIARD, H[enri] Pian. p.227-64. 24½cm. Par., 1936.

In Nouv. prat. dermat. (Darier, Sabouraud [et al.]) Par., 1936, 3:

GALLIARD, Lucien, 1852-1936.

Babonneix, L. [Nécrologie] Gaz. hôp., 1936, 109: 1542.—**Gautier, C.** [Nécrologie] Bull. Soc. méd. hôp. Paris, 1936, 3. ser., 52: 1729-33, portr.—**Milian, G.** Nécrologie. Paris méd., 1936, 101: annexe, 412.

GALLIC acid [and derivatives]

See also Acids, aromatic; Benzoic acid; Photography.

SHARP, T. M. Mercuration of o-trimethylgallaldehyde and related substances. p.852-3. 8°. [Bungay, Engl.] 1937.

Pilomeni, M. Contributo alla farmacologia dell'acido gallico. Arch. farm. sper. 1937, 63: 183-92.—Azione dell'acido gallico sulla diuresi da soluzioni ipertoniche di cloruro sodico. Ibid., 1932-24.—**Mitchell, C. A.** Colorimetric estimation of pyrogallol, gallotannin and gallic acid. Analyst, Lond., 1923, 48: 2-15.

GALLICHAN, Walter M., 1861— Sexual apathy and coldness in women. 183p. 8°. Lond., T. Werner Laurie [1927]

— The sterilization of the unfit. 192p. 8°. Lond., T. Werner Laurie [1929]

GALLICUS bacillus.

Lienhardt, R. Observations biologiques sur *Bacillus gallicus* Charpentier. C. rend. Soc. biol., 1923, 88: 89-91.

GALLIERA sarcoma.

See Rat sarcoma, Galliera's type.

GALLIN, Helmut, 1906— *Untersuchungen über die Beziehungen zwischen Krebs und Tuberkulose und die Häufigkeit ihres gemeinsamen Vorkommens [Berlin] 20p. 8°. Charlottenb., Gebr. Hoffmann, 1935.

GALLINARUM bacillus.

See *Borrelia*; *Corynebacterium*; *Pasteurella*; *Shigella*.

GALLINEK, Alfred, 1901— *Ueber Hautemphysem; mit einem kasuistischen Beitrag. 31p. 8°. Berl., Goedecke & Gallinek, 1927.

GALLIONELLA.

See also Iron bacteria; also in 3. ser. *Spirophyllum*.

Ellis, D. On the new genus of iron-bacteria, *Spirophyllum ferrugineum* (Ellis) a reply to criticism. Proc. R. Soc. Edinburg, 1911, 31: 499-504, 2 pl.—**Suessenguth, K.** Zur Kenntnis der Eisenbakterien der *Gallionella*-Gruppe. Zbl. Bakt., 2. Abt., 1926-27, 69: 327-39.

GALLIOT, Albert, 1913— *Traitement de l'ozène par l'extrait de larves de *Lucilia sericata*; essai de révision étiopathogénique de la punaisie. 32p. 23½cm. Par., A. Lapied, 1939.

GALLIPOLIS, Ohio. Ohio Hospital for Epileptics. Annual report. Gallipolis, 1.-19., 1891-1909.

— Biennial report of the trustees and officers. Gallipolis, 1909.

18.-19. annual report appears with the biennial.

— Bulletin. Gallipolis, 1898.

GALLIUM.

Johnson, W. C., & Parsons, J. B. Nitrogen compounds of gallium; the ammonates of gallium tribromide and gallium triiodide; gallium trifluoride trihydrate and its reaction with ammonia. *J. Phys. Chem.*, 1932, 36: 2588. — **& Crew, M. C.** Nitrogen compounds of gallium; gallic nitride. *Ibid.*, 2651. — **Levaditi, C., Bardet, J. [et al.]** Le gallium, propriétés thérapeutiques dans la syphilis et les trypanosomiasis expérimentales. *C. rend. Acad. sc.*, 1931, 192: 1142. — La répartition du gallium dans l'organisme. *Ibid.*, 193: 117-9. — **Schwarz, L., & Sieke, F.** Ueber Gallium. *Arch. Hyg., Münch.*, 1928, 100: 143-8. Also repr.

GALLI-VALERIO, Bruno, 1857-

Au professeur Bruno Galli-Valerio. *Rev. méd. Suisse rom.*, 1938, 58: 257, portr. — **Ramel, E.** Au Professeur Bruno Galli-Valerio; à l'occasion de son 70. anniversaire et de sa 40. année d'enseignement universitaire. *Schweiz. med. Wschr.*, 1938, 68: 213. — **Silberschmidt, L.** L'œuvre du professeur Bruno Galli-Valerio. *Rev. méd. Suisse rom.*, 1938, 58: 265-74.

GALLMANN, Heinrich, 1911- *Histologische Veränderungen des Rattenschneidezahnes bei experimenteller Rachitis. 48p. 10 pl. 23cm. Zür., H. Schnellert, 1937.

GALL-NUT.

See Gall.

GALLO, Mario. L'encéfalite epidemica. p. 1. 74p. 8°. Cuneo, Ed. Provinciale [1921?]

GALLOIS, Maurice. *Recherches sur l'orthographie du cœur de l'enfant, à l'état normal et pathologique. 87p. 8°. Lyon, Salut Public, 1935.

GALLOIS, Pierre Marie, 1899- *Contribution à l'étude de l'endocardite maligne gonococcique. 48p. 8°. Par., Jouve & cie, 1925.

GALLONI, Louis, 1912- *Etude critique et expérimentale des effets immédiats et lointains de l'énervation des capsules surrénales chez le chien. 135p. 8°. Lyon, Impr. A. Rey, 1937.

GALLOT, Gaston, 1873- *Etude sur le p_n du sérum de cheval [Alfort] 86p. 8°. Par., Lefrançois, 1927.

GALLOT, Henry, 1903- *Essai sur la psychologie et la physiologie des obsédés. 167p. 8°. Par., E. Le François, 1935.

GALLOT, Jean, 1899- *Contribution au traitement de la syphilis dans les maternités. 44p. 8°. Par., Impr. F. Marsat, 1925.

GALLOT, Jean Paul, 1905- *La trépanation osseuse dans la dacryorrhinostomie (procédé du volet osseux) 47p. 2 pl. 8°. Par. [n. pub.] 1933.

GALLOWAY, Herbert Peter Howell, 1866-1939.

Gardner, W. A. Obituary. *Canad. M. Ass. J.*, 1939, 41: 314. Also *J. Am. M. Ass.*, 1939, 113: 1506. Also *J. Bone Surg.*, 1939, 21: 1052, portr.

GALLOWAY, I. A.

See Nicolau, S., & Galloway, I. A. Borna disease and enzootic encephalomyelitis [&c.] 90p. 8°. Lond., 1928.

GALLOWAY, L. D., & BURGESS, R. Applied mycology and bacteriology. ix, 185p. illust. 8°. Lond., L. Hill [1937]

GALLOWAY, R[udolf] W[illiam] 1891- Anatomy and physiology of physical training. vii, 182p. illust. 8°. Lond., E. Arnold & Co. [1937]

GALLOWAY, Thomas Walton, 1866- Human nature studies for the early grades, supplementing the usual nature studies; for experimental use and criticism. 22p. 8°. N. Y., 1929.

Forms No. 613, Pub. Am. Social Hyg. Ass., N. Y.

— Sex-character education in junior high schools; tentative suggestions of materials from which progressive schools may build programs suited to their conditions. 94p. 8°. N. Y., 1929.

Forms No. 614, Pub. Am. Social Hyg. Ass., N. Y.

— Social hygiene in health education for junior high schools; for experimental use and criticism. 31p. diagrs. 8°. N. Y., 1929.

GALLOZZI, Carlo, 1820-1903.

Vitelli, A. [Biography] *Gazz. internaz. med. chir.*, 1926, 31: 336-8.

GALL-SICKNESS [galziekte]

See Trypanosoma, theileri.

GALL-STONE.

See Biliary calculus.

GALLUCCI, Giovanni Paolo, astronom, fl. 1590. *Theatrum mundi et temporis.* [8] l. 478p. illust. roy. 8°. Venezia, J. B. Somasco, 1588.

GALLUCCI, José. *A revivescência do coração pela injeção intracardíaca de adrenalina. 47p. 7 pl. 8°. S. Paulo, 1933.

GALLUS, Annemarie, 1908- *Carcinom-metastase im Halsmark; ein Beitrag zu den intramedullären Geschwülsten [Berlin] 13p. 21cm. Saalfeld, Günther, 1939.

GALLUS, Kurt, 1869-1939.

Schmidt. Nekrolog. *Psychiat. neur. Wschr.*, 1939, 41: 351, portr.

GALLWAS, Reinhold, 1906- *Klinische Untersuchungen über die Verwendung von Panthesin im Vergleich zu Kokain bei der Druckanästhesie in der konservierenden Zahnheilkunde. 18p. 8°. Bresl., Bresl. Genoss. Buchdr., 1930.

GALLWEY, Thomas Joseph, 1852-1933.

Obituary. *Brit. M. J.*, 1933, 1: 393. Also *Lancet*, Lond., 1933, 1: 498.

GALLWOSZUS, Horst [Reinhold] 1908-

*Vervollkommnung der Bronchographiemethoden durch Berücksichtigung des Atmungsvorganges bei der Füllung der Luftwege mit Kontrastflüssigkeiten. 31p. 5 pl. 8°. Königsb.-Pr., J. Raabe, 1936.

GALM, Hubert, 1908- *Die Gonococcensepsis im klinischen Bilde [Berlin] 48p. 8°. Aschaffenburg, J. Kirsch, 1934.

GALMIER, Henry, 1901- *La pâte glycérine-kaolin en thérapeutique gynécologique. 44p. 8°. Par., L. Arnette, 1926.

GALPERIN, Iakov Abramovich, 1875-1937.

Sheinman, N. [Obituary] *Vest. otorinol.*, 1938, No. 2, 219, portr.

GALPERIN, Luzor, 1902- *Les événements de juillet 1830 au point de vue chirurgical dans les hôpitaux de Paris. 53p. 8°. Par., M. Vigne, 1930.

GALPERN, Y. O. Editor. *Novyi khirurgicheskii arkhiv* [New surgical archive] Dniepropetrovsk, v.35, 1936.

GALRAO, Carlos. *Algumas palavras sobre o diagnostico das doenças do estomago. 311p. 8°. Lisb., E. Roza, 1888.

GALSCHIOT, Frederick Wilhelm, 1809-94.

Tryde, G. [Life and activity of the physician Frederick Wilhelm Galschigt] *Biol. laeger*, 1935, 127: 257-79.

GALT, Hugh Miller, 1866-1936.

Obituary. *J. Path. Bact.*, Cambr., 1936, 42: 705.

GALT, William Egleston. Phyloanalysis: a study in the group or phyletic method of behaviour-analysis. 151p. 16°. Lond., K. Paul & Co., 1933.

GALTIER, Marcel, 1897- *Remarques sur l'anatomie pathologique et la pathogénie des kystes spermatiques. 43p. 8°. Par., Impr. Hemmerlé, Petit & cie, 1928.

GALTIER-BOISSIERE, Emile, 1857-

Oeuvres protectrices du soldat. 80p. 15 illust. 8°. Par., Larousse [1917]

GALTON, Sir Francis, 1822-1911. Record of family faculties, consisting of tabular forms and directions for entering data; with an explanatory preface. 3 p. l. 64p. 2 l. 4°. Lond., Macmillan & Co., 1884.

— **Essays in eugenics.** 3 p. l. 109p. 12° Lond., Eugen. Educ. Soc., 1909.

For portrait, see collection in library.

See also **Pearson, K.** The life, letters and labours of Francis Galton, v.3a-3b. 2v. 673p. paged consec. 4° Cambr., 1930.

Also **Craig, G. W.** Francis Galton, student of medicine. Birmingham M. Rev., 1932, 7: 143-53.

Galton, father of eugenics. Clin. M. & S., 1938, 45: 299.—**Muckermann, H.** Galtons Eugenik um die Jahrhundertwende. Eugenik, Berl., 1930-31, 1: 93-6.

GALTON whistle.

See also **Audition, Tests.**

Errecart, P. L. El pito de Schaefer en la investigación del límite tonal superior. Rev. espec., B. Air., 1928, 3: 350.—**Schaefer, K. L.** Das Schwingungszahlengesetz der Galtonpfeife bei konstantem und mittelstarkem Anblasedruck. Beitr. Anat. Ohr., 1921, 16: 1-13.—**Sonnenschein, R.** Schaefer-Galton whistle. Ann. Otol. Rhinol., 1925-26, 34: 878-80.

GALTSOFF, Paul Simon, 1887-—*Regeneration after dissociation (an experimental study on sponges) [Columbia Univ.] p. l. p.183-255. 8° N. Y., 1925.

Also J. Exp. Zool., 1925, 42: No. 1.

— **LUTZ, Frank E. [et al.]** Culture methods for invertebrate animals; a compendium prepared cooperatively by American zoologists under the direction of a committee from Section F of the American Association for the Advancement of Science. xxxii, 590p. illust. 8° Ithaca, N. Y., Comstock Pub. Co., 1937.

GALUBA, Herbert, 1914-—*Ueber den Einfluss des Mischungsverhältnisses von Pulver und Flüssigkeit und der Anrührtemperatur auf das Volumenverhalten der Silikatzemente [Greifswald] 20p. 21cm. Lengerich, Lenger. Handelsdr., 1938.

GALUP, Jean, 1880-—L'asthme et sa cure hydro-minérale. 127p. 8° Par., L'Expansion sc. fr., 1922.

— **Pathogénie et traitement de l'asthme; essai de mise au point de notions anciennes et nouvelles.** viii, 262p. pl. 16° Par., G. Doin & cie, 1927.

GALUP, Philippe Jean, 1906-—*L'asthme d'origine psychique, essai sur son individualisation; ses moyens d'exploration. 99p. 8° Par., L'Expansion sc. fr., 1937.

GALUSCHKI, Arthur [Ernst Paul] 1898-—*Zur Kenntnis der Entstehung perirenalr Hämatome. 24p. 8° Berl., E. Ebering, 1928.

GALVAING, Paul, 1911-—*L'anesthésie loco-régionale en chirurgie thoracique. 112p. 25½cm. Lyon, Bosc frères, 1939.

GALVANI, Luigi, 1737-98.
Bacalli, L. Luigi Galvani docente di ostetricia a Bologna. Rass. clin. sc., 1938, 16: 33, portr.—**Belot, J.** Les fêtes du bicentenaire de la naissance de Luigi Galvani, Bologne, 17-20 octobre 1937. J. radiol. électr., 1938, 22: 168-76.—**Bethe, A.** Hundertfünfzig Jahre Galvanismus (ein versäumtes Jubiläum) Naturwissenschaften, 1936, 24: 801.—**Bicentenary of the birth of Galvani; celebration at Bologna.** Nature, Lond., 1937, 140: 836-8.—**Bilancioni, G.** Galvani come studioso dell'anatomia del naso e dell'orecchio. Arch. stor. sc., 1923, 4: 331-46.—**[Biography]** In Profili biobibl. med. (Capparoni) Roma, 1932, 103-5, portr.—**Borgatti, G.** Bio-bibliografia. Riv. biol., 1938, 26: 110-4.—**Capparoni, P.** Il contributo dato da Luigi Galvani all'anatomia comparata ed alla fisiologia. Rass. clin. ter., 1937, 36: No. 6, Suppl., 327-34.—**Castaldi, L.** A l'occasione du 2. centenaire de la naissance de Luigi Galvani. Presse méd., 1937, 45: 1844-8, portr. — Nel bicentenario della nascita di Luigi Galvani; anatomista, ostetrico, fisiologo e primo radiobiologo. Riforma med., 1937, 53: 937-43.—**Celebrazione del 2. centenario della nascita di Luigi Galvani; Bologna 17-21 ottobre 1937.** Arch. radiol., Nap., 1937, 13: 476-529.—**Cottenot.** Allocution; bi-centenaire de la naissance de Luigi Galvani, Bologne, octobre 1937; séance organisée par la Société française d'électrothérapie et de radiologie, Paris, le mardi 23

novembre 1937. J. radiol. électr., 1938, 22: 146, portr.—**Der 200. Geburtstag Luigi Galvanis.** Radiol. Rdsch., 1937-38, 6: 314-7.—**Laignel-Lavastine.** La vie et les travaux de Galvani. J. radiol. électr., 1938, 22: 147-53.—**Lanari, E. L., & Pardal, R.** Luis Galvani y su obra anatómica. Prensa méd. argent., 1937, 24: 2231-6.—**Marque, A. M.** Luis Galvani y la electricidad animal. Sem. méd., B. Air., 1937, 44: pt 2, 1417-9.—**Pioneer in electrical research.** Clin. M. & S., 1937, 44: 385.—**Vischia, Q.** Luigi Galvani, anatomista e primo radiobiologo. Rass. internaz. clin. ter., 1937, 18: 607-9, portr.

GALVANISM.

See **Electric current.**

GALVANOCAUTERY.

See **Cautery, electric.**

GALVANOMETRY.

See **Electrometry.**

GALVANOTAXIS.

See also **Electrophysiology.**

Adler, P. Die Beeinflussung der Galvanotaxis und Galvanonarkose bei Fischen durch Narkotica und Coffein. Arch. ges. Physiol., 1932, 230: 113-28.—**Hyman, L. H.** Studies on the correlation between metabolic gradients, electrical gradients, and galvanotaxis; galvanotaxis of the brown hydra and some non-fissioning planarians. Physiol. Zool., 1932, 5: 185-90.—**& Bellamy, A. W.** Studies on the correlation between metabolic gradients, electrical gradients, and galvanotaxis. Biol. Bull., 1922, 43: 313-47.—**Koeher, O.** Galvanotaxis. In Handb. norm. path. Physiol. (A. Bethe) Berl., 1926, 11: 1027-49.—**Luntz, A.** Untersuchungen über die Galvanotaxis der Einzelligen; Wirkung des Gleichstroms auf Oxytricha. Arch. Protistenk., 1935, 84: 495-517.—**Scheminzky, F.** Ueber Galvanotaxis bei erwachsenen Echinodermen. Arch. ges. Physiol., 1930, 226: 58-78.— Die zweiphasische Galvanotaxis der Seesterne. Ibid., 1934-35, 235: 200-4.—**Tzonis, K., & Baar, W.** Elektrotaxis und Verwandte Erscheinungen bei niederen Krebsen. Radiobiologia, Venez., 1935-36, 4: No. 4, 33-9.

GALVANOTHERAPY.

See **Electrotherapy, Galvanization.**

GALVANOTROPISM.

See also **Bioelectricity; Galvanotaxis.**

Canella, M. F. Su può parlare di galvanotropismo negli ictiopsidi? Boll. Soc. ital. biol. sper., 1937, 12: 680-2.—**Fries, E. F. B.** Drug action in galvanotropic responses. J. Gen. Physiol., 1927-28, 11: 507-13.—**Monod, J.** Données quantitatives sur le galvanotropisme des infusoires ciliés. Bull. biol., Par., 1933, 67: 474-9.— Galvanotropisme et âge physiologique. C. rend. Acad. sc., 1934, 198: 1882.—**Navez, A. E.** Galvanotropism of roots. J. Gen. Physiol., 1926-27, 10: 551-8. Also repr.—**Robertson, J. A.** Galvanotropic reactions of Polycelis nigra in relation to inherent electrical polarity. Brit. J. Exp. Biol., 1972-28, 5: 66-88.—**Rose, M.** Sur le galvanotropisme des Gammarus d'eau douce. C. rend. Soc. biol., 1927, 96: 51-3.—**Van Harreveld, A.** On galvanotropism and oscillotaxis in fish. J. Exp. Biol., Lond., 1938, 15: 197-208.

GALVESTON, Texas. Bureau of Vital Statistics. Annual report. Galveston, 1896; 1914; 1925-34.

Mimeographed.

GALVESTON, Texas. Department of Health. Annual report. Galveston, 1896; 1914; 1925-

— **Monthly [and weekly] bulletin.** Galveston, 1889-1900; 1913-19; 1921-28.

Incomplete.

GALYL.

See under **Arsenicals.**

GALY-MERLIN, Jean, 1912-—*De quelques formes anormales de l'intoxication oxy-carbonée aiguë [Lyon] 94p. 8° Bourg, Berthod, 1936.

GALZIEKTE.

See **Trypanosoma, theileri.**

GAMA, Carlos.

See **Vampré, E., & Gama, C.** Tumores cerebrais. 159p. 22½cm. Rio, 1935.

GAMACHE, Joseph, 1879–1933.

Obituary. *Canad. M. Ass. J.*, 1934, 30: 226.

GAMALEI, Nikolai Fedorovich, 1859–

[Fifty-ninth anniversary of medical work] *J. mikrob.*, Moskva, 1939, No. 9–10, 3–5, portr.—[Eightieth birthday] *Klin. med.*, Moskva, 1939, 17: 133, portr.

GAMA Pinto, Caetano Antonio Claudio Julio Raymundo da. *Tosse convulsa. 91p. 8°. Coimbra, Impr. Univ., 1878.

GAMA Pinto, J. R. da. Untersuchungen über intraoculare Tumoren; Netzhautgliome. 99p. 6 pl. 8°. Wiesbaden, J. F. Bergmann, 1886.

GAMARD, Jean Alfred André, 1913–

*Les ostéites tuberculeuses du premier métatarsien. 65p. 23½cm. Par., A. Legrand, 1939.

GAMA Rodrigues, Antonio Carlos. *Contribuição para o estudo das nevralgias do trigêmeo 128p. 8°. S. Paulo, Empr. Graf. Rev. Tribun., 1938.

GAMARRA C., Gonzalo, 1906– *La maladie de Carrion. 71p. 8°. Par., M. Vigné, 1932.

GAMASIDAE.

See also *Acarina*; *Dermanyssus*.

Trouessart, E. Deuxième note sur le *Gamasus auris*, type d'un genre nouveau (Raillietia). *C. rend. Soc. biol.*, 1902, 11, ser., 4: 1335–7.—**Warburton, C.** On *Megisthanus jacobsoni* n. sp. (Acari, Gamasoidea) parasitic on a passalid beetle from Sumatra. *Parasitology*, Lond., 1926, 18: 51–4.

GAMBAL, Fritz, 1907– *Untersuchungen über die Wirkungen des Morphins in Kombination mit Natriumcyanid. 16p. 8°. Halle [Klutke] 1932.

GAMBERINI, Carlo. Le infezioni delle vie biliari in rapporto alla chirurgia. 165p. 8°. Bologna, N. Zanichelli, 1916.

GAMBIAN fever.

See *Trypanosoma*, gambiense.

GAMBINO Gagliotti, Elisba. *Sodio en el suero sanguíneo [Chile] 19p. 8°. Santiago, Gutenberg, 1934.

GAMBIR.

See also *Catechu*.

Raymond-Hamet. Sur un nouveau sympathicolitique, la gambirine alcaloïde de l'Ouroparia gambir Baillon. *Bull. Acad. méd.*, Par., 1934, 3, ser., 112: 513–7.—**Rothlin, E., & Raymond-Hamet.** Effets de la gambirine sur le système nerveux végétatif de l'utérus. *C. rend. Soc. biol.*, 1935, 119: 37.

GAMBLE, Frederick William, 1869–1926.

H. S. J. [Biography] *Proc. R. Soc.*, Lond., 1927, ser. B, 101: p. xxv–xxviii, portr.

GAMBLE, Henry Floyd, 1862–1932.

Nutter, I. [Obituary] *J. Nat. M. Ass.*, N. Y., 1933, 25: 35.

GAMBLE, J[ames] A[lexander] 1882–

ELLIS, N. R., & BESLEY, A. K. Composition and properties of goat's milk as compared with cow's milk. 72p. 8°. Wash., 1939.

Forms No. 671, Techn. Bull. U. S. Dep. Agr.

GAMBLE, J[ames] S[ykes] 1847– Flora of the Presidency of Madras; pt 3. p. 391–577. 12°. Lond., Adlard & Son, 1919.

GAMBLE, Richard C[otter] 1895– Diseases of the eye; conditions with which the pediatrician and general practitioner should be familiar. 58p. illust. pl. 8°. Hagerstown, Md., W. F. Prior Co., 1937.

In *Pract. Pediat.* (Brennemann, J.) 1937, 4: chap. 38.

GAMBLING.

Bergler, E. Zur Psychologie des Hasardspielers. Imago, Wien, 1936, 22: 409–41.—**Buerschaper.** Die innere Tatseite beim Glücksspiel mit Geldspielautomaten. *Arch. Krim.*, 1928, 83: 228–33.—**Dupouy, R., & Chatagnon, P.** Le joueur: esquisse psychologique. *Ann. méd. psychol.*, Par., 1929, 87:

pt 2, 102–12.—**Hulbert, H. S.** Gambler and gambler. *J. Crim.*, Chic., 1937–38, 28: 790–3.—**Roloff, H. P.** Psychologische Begutachtung von Glücksspielen: Barello, Hubertus-Fuchsjagdschiessautomat, Henkeltöpfchen. *Zschr. angew. Psychol.*, 1929, 34: 113–37.—**Tomesu, P.** [Psychologie study on morbid passion for gambling] *Spitalul*, 1929, 49: 410–3.

GAMBUSIA.

See also *Mosquito*, Control.

Bacchelli, G., & Taddia, L. Ricerche nel sangue e negli organi interni delle *Gambusia affinis*. *Arch. ital. sc. med. col.*, 1928, 9: 484–94.—**Buen, E. de.** Note sur les *Gambusia*. *Bull. san. Algérie*, 1931, 26: 260–8.—**Coulon, G., & Sautet, J.** *Gambusia holbrooki* et paludisme en Corse; résultats de 6 années de lutte antilarvaire au moyen des poissons culiciphages. *Ann. parasit.*, Par., 1931, 9: 530–45.—**Danilova, M. I., & Lappin, G. I.** [Endurance of *Gambusia* during transportation] *Med. parazit.*, Moskva, 1936, 5: 579–83.—**Dulzetto, F.** L'accoppiamento in *Gambusia holbrooki* (Grd.). *Arch. zool. ital.*, 1930, 14: 97–114.—Sviluppo e struttura del gonopodio di *Gambusia holbrooki* (Grd.). *Pubb. Staz. zool. Napoli*, 1931, 11: 62–85.—**Kulagin, S. M., & Matsinovskiy, V. I.** [Tests in acclimatization of *Gambusia* in refrigerator ponds in the electric power plant in Moskva] *Med. parazit.*, Moskva, 1936, 5: 52–61.—**Landeiro, F.** As *Gambusias*. *Lisboa méd.*, 1934, 11: 359–80.—**Morin, G. H. S., & Martin, P.** Recherches faites en Indochine sur *Gambusia affinis*. *Arch. Inst. Pasteur Indochine*, 1936, 6: 465–9, pl.—**Nepokupnoi, G. I.** [Effect of *Gambusia* on the fish industry] *Med. parazit.*, Moskva, 1939, 8: 243–6.—**Parenzan, P.** Saturazione delle acque per parte delle gambusie e danni che ne derivano. *Arch. zool. ital.*, 1931, 16: 538–44.—**Rukhadze, N. P.** [*Gambusia* in Abkhazia] *Med. parazit.*, Moskva, 1933, 2: 60–8.—**Seale, A.** The mosquito fish, *Gambusia affinis* (Baird and Girard) in the Philippine Islands. *Philippine J. Sc.*, 1917, 12: Sect. D, 177–87. Also repr.—**Sella, M.** I pesci larvifagi e l'esperimento di campagna antimalarica con le gambusie a Rovigno d'Istria. *Riv. malariol.*, 1927, n. ser., 6: 881–909.—**Sicault, G.** Note sur l'adaptation du *Gambusia holbrooki* aux eaux salées. *Bull. Soc. path. exot.*, Par., 1934, 27: 485–8.—**Royle, S.** Note sur la biologie du *Gambusia holbrooki* au Maroc. *Ibid.*, 1935, 28: 134–41.—**Sokolov, N. P.** L'acclimatation du *Gambusia patruelis* en Asie centrale. *Riv. malariol.*, 1936, 15: 325–44.—**Strangways-Dixon, D.** *Gambusia affinis holbrooki*; imported anti-malarial fish in East Africa. *East Afr. M. J.*, 1939–40, 16: 450–5.

GAME.

See also *Play*; *Recreation*; *Sport*; also names of games and sports.

BROEKHUYSEN, N. Spelregels; vang- en werpbalspelen. 14p. 16°. Amst. [1905]

GOEMANS, N. Spelregels; zaal- en klein-terreinspelen. 15p. 16°. Amst. [1905]

GRASÉ, J. C. G. Spelregels; korfbal. 14p. 16°. Amst. [1902]

POSTMA, G. Spelregels; kaatsen. 12p. 16°. Amst. [1905]

Barton, F. R. Children's games in British New Guinea. *J. R. Anthropol. Inst. Gr. Britain*, 1908, 38: 259–79, 3 pl.—**Chase, J. H.** Street games of New York city. *Pedag. Semin.*, Worcester, 1905, 12: 503.—**Driberg, J. H.** The game of chore or pereatini. *Man*, Lond., 1927, 27: 168.—**Ekdahl, G. C.** A study of the most popular games of low organization; grades I–VI. *Res. Q. Am. Phys. Educ. Ass.*, 1939, 10: 120–3.—**Former, H.** Die diesjährigen Ferien-Waldspiele im Lechlumer Holze. *Mbl. öff. Gesundheitsl.*, 1904, 27: 121–5.—**Gardner, E. E.** Some play-party games in Michigan. *J. Am. Folklore*, 1920, 33: 91–133.—**Gerrard, A. H.** The educative aspect of games. *Brit. J. Child. Dis.*, 1908, 5: 384–8.—**Gulick, L.** Psychological, pedagogical and religious aspects of group games. *Pedag. Semin.*, Worcester, 1898–99, 6: 135–51.—**Harman, N. B.** Games: how they make the man and the race. *Middlesex Hosp. J.*, Lond., 1909–10, 13: 173: 211.—**Johnson, G. E.** Education by plays and games. *Pedag. Semin.*, Worcester, 1894–96, 3: 97–133.—**O'May, J.** Playing the wer-beast: a Malay game. *Folklore*, Lond., 1910, 21: 371–4.—**Parker, A. C.** Snow-snake as played by the Seneca-Iroquois. *Am. Anthropol.*, 1909, n. ser., 11: 250–6, pl.—**Raymond, P.** Die Faden- und Abnehmespiele auf Palau. *Anthropos*, Wien, 1911, 6: 40–61, 10 pl.—**Reaney, M. J.** The psychology of the organized group game. *Brit. J. Psychol.*, 1916, 1: Monogr. Suppl., No. 4, 1–76.—**Scott, M.** The educational value of games, considered specially with regard to young children and girls. *J. R. Inst. Pub. Health*, 1909, 17: 214–22.—**Wagner, P. A.** A contribution to our knowledge of the national game of skill of Africa. *Tr R. Soc. S. Africa*, 1917, 6: 47–68, 7 pl.

GAMEL, Edouard, & PAOLI, Jean. Questions de garde de chirurgie; notes de chirurgie d'urgence. 3. éd. 363p. 12°. Marseille, Maupetit, 1937.

GAMELON, Jean Roger, 1909—*La douleur dans les perforations du tube digestif. 47p. 8°. Par., L. Arnette, 1936.

GAMER, Kurt, 1911—*Die Entwicklung von Körpergröße und Körpergewicht der Stuttgarter Schuljugend in den Jahren 1910-36 [Tübingen] 30p. 23cm. Berl., R. Pfau, 1938.

GAMETE.

See also **Gametocyte**; **Gametogenesis**; **Gametophyte**; **Gonad**; **Oocyte**; **Sex**; **Spermatoocyte**.

Bateson, W., & Punnett, R. C. On gametic series involving reduplication of certain terms. *J. Genet.*, Cambr., 1910-11, 1: 293-302, pl.—**Dalcq, A.** La régulation dans le germe et son interprétation. *C. rend. Soc. biol.*, 1935, 119: 1421-80.—**Dantschakov, V.** Les cellules génitales et leur continuité. *Rev. gén. sc. pur.*, 1932, 43: 295-309.—**Galgano, M.** Caratteri citologici delle cellule germinali maschili, femminili e intersexuali di *Rana esculenta* L. *Monit. zool. ital.*, 1937, 47: suppl., 186-92.—**Ghigi, A.** Affinità gametica ed affinità sistemica alla luce dell'esperienza. *Riv. biol.*, 1936, 20: 1-10.—**Goldforb, A. J.** Variation of normal germ cells; studies in agglutination. *Biol. Bull.*, 1929, 57: 333-49.—**Changes in agglutination of ageing germ cells.** *Ibid.*, 350-88.—**Graetz, F.** Ueber die biologische Sonderstellung der Geschlechtszellen beim Huhn (zugleich ein Beitrag zur Frage der Organspezifität). *Zschr. Immunforsch.*, 1914, 21: Orig., 150-86.—**Hargitt, G. T.** Can mitochondria be used to identify mammalian germ cells? *Science*, 1938, 88: 435.—**Le Calvez, J.** Les gamètes de quelques foraminifères. *C. rend. Acad. sc.*, 1935, 201: 1505-7.—**Muratori, G.** Embryonal germ-cells of the chick in hanging-drop cultures. *Contr. Embryol. Carnegie Inst.*, 1937, 26: 61-9, 3 pl.—**Nozawa, H.** On the influence of the constituents of germ cells parentally injected on the living organism. *Sc. Rep. Gov. Inst. Infect. Dis.*, Tokyo, 1927, 6: 333-52, 4 pl.—**Scatizzi, I.** Primi dati sulla differenza di dimensioni delle cellule germinative in razze bivoltine e univoltine di *Bombyx mori* L. *Boll. Soc. ital. biol. sper.*, 1936, 11: 734.—**Ubisch, L. von.** Ueber die Organisation des Seeigels. *Arch. Entwemch.*, 1936, 134: 599-643.—**Eine vergleichende Studie über die Organisation des Keimes von Seeigeln, Amphibien und Asziden.** *Biol. Zbl.*, 1938, 58: 370-85.—**Vies, F.** Recherches sur les propriétés physico-chimiques des produits sexuels de l'oursin. *Arch. phys. biol.*, Par., 1924, 3: 42-69.

Disease and injury.

See also **Embryology**, **Effect of external factors**; **Heredity**; also under names of diseases, poisons, &c.

SCHWARZ, E. *Die Kombination von physikalischen und chemischen Methoden im Dienste der Keimschädigung und Keimvernichtung. 23p. 8°. Giessen, 1937.

STAEMLER. Ueber Keimschädigung durch Genußgifte. 14p. 8°. Berl., 1936.

Badger, W. S. Chemical factors in germinal impairment. *Brit. M. J.*, 1934, 1: 965.—**Dalcq, A.** A propos des effets de l'irradiation des gamètes chez les amphibiens (quelques précisions sur le rôle des chromosomes et du suc nucléaire dans la transmission de l'effet de latence). *Arch. anat. micr.*, Par., 1929, 25: 336-71.—**Interprétation cytologique des effets, sur la gastrulation, de l'irradiation d'un des gamètes, chez *Rana fusca*.** *C. rend. Soc. biol.*, 1930, 104: 1055-8.—**Hertwig, G.** Die Methodik der Radium- und Röntgenbestrahlung von Keimzellen. In *Handb. biol. Arbeitsmeth.* (Abderhalden, E.) Berl., 1923, Abt. 5, Teil 3A, 479-84.—**Hertwig, P.** Die Wirkung von Strahlenarten und chemischen Einflüssen auf embryonale und generative Zellen. *Jahrbuch. ärztl. Fortbild.*, 1934, 25: H. 1, 13-20.—**Lattes, L.** Le alterazioni patologiche del plasma germinativo. *Rass. clin. sc.*, 1934, 12: 561-4.—**Lendle, L.** Ueber Hormonwirkungen auf Keimzellen (nach Versuchen an Seeigeln und Sperma). *Arch. exp. Path.*, Berl., 1931, 161: 523-43.—**Simon, S.** Effets de l'irradiation d'un des gamètes sur la gastrulation, chez *Rana fusca*. *C. rend. Soc. biol.*, 1930, 104: 1051-5.—**Smith, E. L.** X-ray and abnormalities: increased abnormality of segments in *Drosophila* due to X-raying of gametes. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 399-403.—**Solberg, A. N.** The susceptibility of the germ cells of *Oryzias latipes* to X-radiation and recovery after treatment. *J. Exp. Zool.*, 1938, 78: 417-39, 2 pl.

GAMETOCYTE.

See also **Gametogenesis**.

Abramowicz, H. Die Entwicklung der Gonadenanlage und Entstehung der Gonocyten bei *Triton taeniatus* (Schneid.). *Morph. Jahrb.*, 1913-14, 47: 593-644.—**Benoit, J.** Contribution à l'étude de la lignée germinale chez le poulet; destruction

précoce des gonocytes primaires par les rayons ultra-violet. *C. rend. Soc. biol.*, 1930, 104: 1329-31.—**Bounoure, L.** La surmaturation ovulaire influe-t-elle sur l'origine des gonocytes primaires chez *Rana temporaria* L.? *C. rend. Acad. sc.*, 1927, 184: 401-3.—**Les gonocytes primaires chez les embryons de crapauds issus d'œufs soumis à une surmaturation utérine.** *Ibid.*, 549-51.—**Sur un caractère cytologique essentiel des gonocytes primaires chez la grenouille rousse.** *C. rend. Soc. biol.*, 1929, 101: 703-5.—**Sur l'existence des gonocytes primaires dans l'embryon de la grenouille rousse à partir du début de la gastrulation: localisation et migrations de ces gonocytes aux différents stades.** *Ibid.*, 706-8.—**A quel moment peut-on parler de cellules germinales initiales dans le développement de la grenouille rousse?** *Ibid.*, 1931, 107: 988-91.—**Costa, A. C. da.** Sur les caractères cytologiques des gonocytes primordiaux chez les mammifères. *Ibid.*, 1932, 110: 1041.—**Dantschakov, V.** Keimzelle und Gonade; die endotermale Wanderzelle als Stammzelle in der Keimbahn; vorläufige Mitteilung. *Zschr. Zellforsch.*, 1931, 14: 376-84.—**Dantschakov, V., jr., & Bereskina, L.** Keimzelle und Gonade; Identität der Urkeimzellen und der endotermalen Wanderzellen. *Ibid.*, 323-75, pl.—**Debeyre, A.** Sur la présence de gonocytes chez un embryon humain au stade de la ligne primitive. *Echo méd. nord.*, 1933, 37: 367-71.—**Defretin, R.** Origine et migration des gonocytes chez le poulet. *C. rend. Soc. biol.*, 1924, 91: 1082-4.—**Dustin, A. P.** Recherches sur l'origine des gonocytes chez les amphibiens. *Arch. biol.*, Liège, 1907, 23: 411-522, 3 pl. Also *Bull. Soc. sc. méd. natur. Bruxelles*, 1907, 65: 18-21.—**L'origine et l'évolution des gonocytes chez les reptiles (*Chrysemis marginata*).** *Arch. biol.*, Liège, 1910-11, 25: 495-534, 2 pl.—**Firket, J.** Recherches sur les gonocytes primaires (Urgeschlechtszellen) pendant la période d'indifférence sexuelle et le développement de l'ovaire chez le poulet. *Anat. Anz.*, 1913, 44: 166-75.—**Gatenby, J. B.** The transition of peritoneal epithelial cells into germ-cells in *Gallus bankiva*. *Q. J. Micr. Sc.*, Lond., 1924, 68: 1-16, pl.—**Further evidence on the transition of peritoneal cells into germ cells in Amphibia.** *J. R. Micr. Soc.*, Lond., 1923, 409-16, 2 pl.—**Hukao, S.** Notes on an experimental study in relation to the early localization of primordial germ-cells in the chick embryo. *Tohoku Univ. Sc. Rep.*, 1936, 11: 265-78, pl.—**Humphrey, R. R.** The primordial germ cells of *Hemidactylum* and other Amphibia. *J. Morph.*, 1925-26, 41: 1-38, 3 pl.—**The early position of the primordial germ cells in Urodeles; evidence from experimental studies.** *Anat. Rec.*, 1929, 42: 301-14.—**Krause, G.** Die Regulationsfähigkeit der Keimanlage von Tachycines (Orthoptera) im Extravivversuch. *Arch. Entwemch.*, 1939, 139: 639-723.—**Lams, H.** La cellule germinale initiale chez les mammifères. *C. rend. Soc. biol.*, 1931, 108: 410-4.—**Malaquin, A.** Les glandes génitales et les cellules sexuelles primordiales chez l'annélide *Salmacina dysteri* (Huxley) la genèse des ébauches génitales par des gonocytes extracelomiques. *C. rend. Acad. sc.*, 1924, 179: 1348-51.—**La filiation des cellules sexuelles (gonocytes) leur origine dans le bourgeon caudal.** *Ibid.*, 1636-9.—**Marquez, J.** La forme du chondriome des gonocytes de l'embryon de poulet. *C. rend. Soc. biol.*, 1934, 115: 1573-5.—**Pallot, G.** Le gonocyte ou cellule sexuelle primordiale; aspects actuels de la question du germe et du soma. *J. méd. Lyon*, 1938, 19: 23-33.—**Penners, A.** Die Herkunft der Urkeimzellen bei *Tubifex* (experimentelle Prüfung der Frage; zugleich ein Nachweis von Funktionswechselfähigkeiten einzelner Segmente). *Zschr. wiss. Zool.*, 1934, 145: 389-98.—**& Stäblein, A.** Ueber die Urkeimzellen bei *Tubificoides* (*Tubifex rivulorum* Lam. und *Limnodrilus udekemianus* Claparède). *Ibid.*, 1930, 137: 606-26.—**Risley, P. L.** Contributions on the development of the reproductive system in *Sternotherus odoratus* (Latreille) the embryonic origin and migration of the primordial germ cells. *Zschr. Zellforsch.*, 1933, 18: 459-92.—**Sembrat, K.** Recherches expérimentales sur la localisation de gonocytes primaires dans la jeune gastrula des urodèles. *C. rend. Soc. biol.*, 1934, 115: 639-41.—**Trabucco, A.** Origen y evolución de la célula germinal primaria. *Sem. méd.*, B. Air., 1939, 46: pt 2, 261-71.

GAMETOGENESIS.

See also **Gametocyte**; **Oogenesis**; **Spermatogenesis**; **Zygote**.

Arcangeli, A. Ipotesi sopra il modo con il quale mascolinità e femminilità si repartiscono nella gametogenesi. *Arch. zool. ital.*, 1933, 18: 55-123.—**Barigozzi, C.** La gametogenesi e la sessualità di *Cyprinus carpio* var. specularis. *Boll. Soc. ital. biol. sper.*, 1936, 11: 291.—**Beccari, N.** Studi sulla prima origine delle cellule genitali nei vertebrati; ricerche nel *Bufo viridis*. *Arch. ital. anat.*, 1924, 21: 332-74, 3 pl.—**Bounoure, L.** Le problème de la lignée germinale. *Ann. Soc. sc. méd. natur. Bruxelles*, 1936, 41-89.—**La ségrégation du germe et le problème général de la ségrégation embryonnaire.** *C. rend. Acad. sc.*, 1938, 207: 1011-3.—**Burger, J. W.** The continuity of the germ cells in the urodele, *Plethodon cinereus* (Green). *J. Morph.*, 1936-37, 60: 489-514, 3 pl.—**Butcher, E. O.** The origin of the germ cells in the lake lamprey (*Petromyzon marinus* unicolor). *Biol. Bull.*, 1929, 56: 87-99.—**Cernosvitor, L.** Zoologische Ergebnisse der Reise des Dr. Storkán nach Mexiko; über die Entwicklung der dimorphen Spermien und die erste Reifungsteilung der Eier bei *Ilyogenia santiaxavi*. *Eisen. Zschr. Zellforsch.*, 1930, 12: 53-65, pl.—**Chatton, E.** La gamétogénèse méiotique du flagellé *Paradinium pouchetii*

- C. rend. Acad. sc., 1927, 185: 553-5.—**Cheng, T. H.** The germ cell history of *Rana cantabrigiensis* Baird; germ cell origin and gonad formation. *Zschr. Zellforsch.*, 1932, 16: 497-541.—**Dantschakov, V., & Lacassagne, A.** Destruction localisée dans l'embryon du poulet au moyen du rayonnement β du radon, pour l'étude expérimentale de l'origine des cellules sexuelles. *C. rend. Soc. biol.*, 1932, 109: 845-58.—**Essenberg, J. M., & Garwacki, J. H.** On the origin and development of the definitive germ cells in the domestic fowl. *West. J. Surg.*, 1938, 46: 145-52.—**Essenberg, J. M., & Svejda, A. J.** The effect of the destruction of the germinal crescent on the origin of the germ cells and the development of the gonads in the domestic fowl. *Ibid.*, 1939, 47: 318-27.—**Florentin, P.** L'origine des cellules sexuelles. *Rev. méd. est.*, 1935, 63: 394-8.—**Föyn, B.** Studien über Geschlecht und Geschlechtszellen bei Hydroiden; Bemerkungen über die Entstehung der Keimzellen und die Entwicklung der Gonophoren bei *Clava squamata* (Müller). *Arch. Entwmech.*, 1928-29, 114: 501-11.—**Goldsmith, J. B.** The history of the germ cells in the domestic fowl. *J. Morph.*, 1928, 46: 275-300. 7 pl. ——— The history of the germ cells in the albino rat (*Mus norvegicus albinus*). *Tr. Am. Micr. Soc.*, 1932, 51: 161-95. ——— The primordial germ cells of the chick; the effect on the gonad of complete and partial removal of the germinal crescent and of removal of other parts of the blastodisc. *J. Morph.*, 1935, 58: 537-53, 3 pl.—**Hann, H. W.** The history of the germ cells of *Cottus bairdi* Girard. *Ibid.*, 1926-27, 43: 427-80, 8 pl.—**Hargitt, G. T.** Germ-cell origin in the adult salamander, *Diemetylus viridescens*. *Ibid.*, 1924-25, 39: 63-96, 7 pl.—**Hartog, M. M.** Some problems of reproduction; a comparative study of gametogeny and protoplasmic senescence and rejuvenescence. *Q. J. Micr. Sc.*, Lond., 1891-99, n. ser., 33: 1-79. Also repr.—**Heys, F.** The problem of the origin of germ cells. *Q. Rev. Biol.*, 1931, 6: 1-45.—**Jacobi, W.** Ueber die Realisierung eines geometrischen Prinzips in der Reifungsteilung der Geschlechtszellen. *Med. Korb. Württemberg*, 1928, 98: 180. Also *Münch. med. Wschr.*, 1928, 75: 380.—**Kates, K. C.** A mitochondrial study of the germ cell history of the male guinea pig. *Zschr. Zellforsch.*, 1937, 27: 465-91.—**Kröning, F.** Studien zur Chromatinfreife der Keimzellen; die Tetradenbildung und die Reifeteilungen bei einigen Nematoden. *Arch. Zellforsch.*, 1923, 17: 63-85, 2 pl.—**Lloyd, F. E.** Further observations on the behavior of gametes during maturation and conjugation in *Spirogyra*. *Protoplasma*, Lpz., 1928, 4: 45-66, pl.—**Luce, W. M.** The temperature-effective period in infrabar and its heterozygotes. *J. Exp. Zool.*, 1931, 59: 467-98.—**Malaquin, A.** Nouvelles observations sur la lignée germinale de l'annélide *Salmacina dysteri*. *Huxley. C. rend. Acad. sc.*, 1934, 198: 1804-6.—**Naville, A.** Les bases cytologiques de la théorie du crossing-over: étude sur la spermatogénèse et l'ovogénèse des Calliphorinae. *Zschr. Zellforsch.*, 1932, 16: 440-70, 4 pl.—**Nelsen, O. E.** The segregation of the germ cells in the grasshopper, *Melanoplus differentialis* (Acrididae; Orthoptera). *J. Morph.*, 1934, 55: 545-75.—**Pehani, H.** Die Reifung der Geschlechtszellen bei Phasmoden. *Biol. Zbl.*, 1924, 44: 422-8.—**Penners, A.** Keimzellerwandlungen während der Entwicklung tierischer Keime. *Verh. Phys. med. Ges. Würzburg*, 1930, n. F., 55: 206-22.—**Pennypacker, M. I.** The chromosomes in the maturation of the germ cells of the frog lung fluke, *Pneumonoecus medio-plexus*. *Arch. biol.*, Par., 1936, 47: 309-17, pl.—**Perle, S.** Origine de la première ébauche génitale chez *Bufo vulgaris*. *C. rend. Acad. sc.*, 1927, 184: 303.—**Politzer, G.** Die Keimbahn des Menschen. *Zschr. ges. Anat.*, 1. Abt., 1933, 100: 331-61.—**Saez, F. A., Rojas, P., & Robertis, E. de.** Untersuchungen über die Geschlechtszellen der Amphibien (Anuren) der meiotische Prozess bei *Bufo arenarum*. *Zschr. Zellforsch.*, 1936, 24: 727-77.—**Sembrat, K.** [Studies on the cytoplasmic structures in the gametogenesis of *Dendrocoelum lacteum* Müller and *Planaria gonoccephala* Drig. (Tricladidae) with special reference to the golgi apparatus and vacuomal]. *Bull. internat. Acad. polon. sc.*, 1930, 691-744, 6 ch.—**Sesachar, B. R.** Germ-cell origin in the adult caecilian *Ichthyophis glutinosus* (Linn). *Zschr. Zellforsch.*, 1937, 26: 293-304.—**Simkins, C. S.** Origin of the germ cells in *Ecteinascidia*. *J. Morph.*, 1924-25, 39: 295-315, 2 pl. ——— Origin of the germ cells in *Trionyx*. *Am. J. Anat.*, 1925-26, 36: 185-204, 4 pl.—**Stolte, H. A.** Keimzellen und Körperzellen, entwicklungsphysiologisch betrachtet. *Med. Welt*, 1934, 8: 1063-6.—**Tribe, M., & Brambell, F. W. R.** The origin and migration of the primordial germ-cells of *Sphenodon punctatus*. *Q. J. Micr. Sc.*, Lond., 1932, 75: 251-82, 2 pl.—**Vandel, A.** L'origine primordiale des cellules reproductrices. *Rev. gén. sc. pur.*, 1937, 48: 228-32.—**Wassermann, F.** Ueber die Geschlechtszellenentwicklung bei Tomopteris onisciformis. *Verh. Anat. Ges.*, 1922, 31: 64-79.—**Willier, B. H.** Experimentally produced sterile gonads and the problem of the origin of germ cells in the chick embryo. *Anat. Rec.*, 1937-38, 70: 89-112.—**Wolf, L. E.** The history of the germ cells in the viviparous teleost *Platycephalus maculatus*. *J. Morph.*, 1931, 52: 115-53.—**Woodger, J. H.** Observations on the origin of the germ-cells of the fowl (*Gallus domesticus*) studied by means of their Golgi bodies. *Q. J. Micr. Sc.*, Lond., 1924-25, 69: 445-62.—**Woods, F. H.** Keimbahn determinants and continuity of the germ cells in *Sphaerium striatum* (Lam.). *J. Morph.*, 1932, 53: 345-65.—**Yamasaki, Y.** Experimentelle Untersuchungen über den Einfluss des Vitamin-, oder Zellsalz mangels auf die Entwicklung von Spermatozoen und Eiern. *Virchows Arch.*, 1923, 245: 513-41.
- GAMETOPHYTE.**
- Bauer, H.** Die Chromosomen von *Tipula paludosa* Meig. in Eibildung und Spermatogenese. *Zschr. Zellforsch.*, 1931, 14: 138-93.—**Blakeslee, A. F., & Satina, S.** Les plantes différentes des animaux par des gamètes léthals? *C. rend. Acad. sc.*, 1934, 198: 768-70.—**Brieger, F. G., Tidbury, G. E., & Tseng, H. P.** Genetic control of gametophyte development in maize; the quarter test. *J. Genet.*, Camb., 1938, 36: 17-38.—**Correns, C.** Der Unterschied in der Keimungsgeschwindigkeit der Männchensamen und Weibchensamen bei *Melandrium*. *Hereditas*, Lund, 1927, 9: 33-44.—**De Wildeman, E.** Anomalie des oogones et des anthères chez des espèces du genre *Vaucheria*. *C. rend. Soc. biol.*, 1923, 89: 669.—**Döpp, W.** Gestaltung und Organbildung innerhalb der Gametophyt-generation der Polypodiaceen unter besonderer Berücksichtigung genetischer Gesichtspunkte. *Beitr. Biol. Pflanz.*, 1936-37, 24: 201-38, 2 pl.—**Ellison, W.** Polyploid gamete formation in diploid *Avena hybrids*. *J. Genet.*, Camb., 1937, 34: 287-95.—**Fagerlind, F.** Zytologie und Gametophytenbildung in der Gattung *Wikstroemia*. *Hereditas*, Lund, 1940, 26: 23-50.—**Maheshwari, P., & Wulff, H. D.** Recent advances in microtechnic; methods of studying the development of the male gametophyte in angiosperms. *Stain Techn.*, 1937, 12: 61-70.—**Mangelsdorf, P. C.** Mechanical separation of gametes in maize. *J. Hered.*, 1932, 23: 289, pl.
- GAMGEE, Joseph Sampson, 1828-86.**
[Biography] Birmingham M. Rev., 1935, 10: 158-64, portr.
- GAMGEE, Katherine Mary Lovell.** The artificial light treatment of children in rickets, anaemia and malnutrition. xix, 172p. front. 16 pl. 5 ch. 8° Lond., H. K. Lewis & Co., 1927.
- GAMLIN, Raymond.** Modern school hygiene. xi, 388p. illust. 8° Lond., J. Nisbet & Co. [1935]
- GAMMA ray.**
- See also Radioactivity; Radium; Röntgen ray.
- ENDERLE, A.** Ueber die von der γ -Strahlung des Radiums ausgelöste sekundäre Elektronenstrahlung. p.589-605. 8° Wien, 1922.
- Aoki, H.** Gamma ray excitation by fast neutrons. *Nature*, Lond., 1937, 139: 372.—**Auger, P.** Sur les rayons γ produits par le passage des neutrons à travers les substances hydrogénées. *C. rend. Acad. sc.*, 1934, 198: 365-8.—**Bayet, A.** Pouvoir de pénétration des rayons γ du radium. *Bull. Soc. sc. méd. natur. Bruxelles*, 1909, 67: 102-10.—**Benedetti, S. de.** Sur les rayons γ des divers corps du dépôt actif de l'actinium. *J. phys. radium*, Par., 1939, 7. ser., 10: 294.—**Bouwers, A.** La production des rayonnements pénétrants, rayons γ , β , neutrons. *Acta Unio internat. cancer. Brux.*, 1939, 4: 245-53. Also *Gaz. méd. France*, 1939, 46: 80-8.—**Bramley, A.** Gamma radiation. *Proc. Nat. Acad. Sc. U. S.*, 1932, 18: 543.—**Bruzau, M.** Sur la distribution spatiale du rayonnement gamma du radium dans les milieux dispersifs légers. *Ann. phys. radium*, Par., 1929, n. ser., 11: 5-140.—**Bürg, L. W. van der** [Are Roentgen and gamma rays visible?] *Genesk. tsehr. Ned. Indië*, 1934, 74: 39-41.—**Chang, W. Y., Goldhaber, M., & Sagane, R.** Radioactivity produced by gamma rays and neutrons of high energy. *Nature*, Lond., 1937, 139: 962.—**Choong, S. P., & Surugue, J.** Sur le rayonnement γ du dépôt actif de l'actinium. *J. phys. radium*, Par., 1938, 7. ser., 9: 437-9.—**Clay, J.** Penetrating radiation. *Proc. Akad. wet. Amsterdam*, 1927, 30: pt 2, 1115-27. Also *Versl. Akad. wet. Amsterdam*, 1927, 36: pt 2, 1265; 1928, 37: pt 2, 976.—**Curran, S. C., Dee, P. I., & Petřílka, V.** The excitation of γ -radiation in processes of proton capture by light elements. *Proc. R. Soc.*, Lond., 1938, ser. A, 169: 269-89.—**Ellis, C. D.** The γ -rays of radium (B+C) and of thorium (C+C') *Ibid.*, 1934, ser. A, 143: 350-7.—**Fisk, J. B.** The calculation of internal conversion coefficients of γ -rays. *Ibid.*, 674-8.—**Fuchs, G.** Ueber Vereinigung weit auseinander liegender elektromagnetischer, beziehungsweise mechanischer Schwingungsbereiche, im besonderen von Ultrakurzwellen und der Radium- γ -Strahlung. *Wien. med. Wschr.*, 1936, 86: 129.—**Gentner, W.** Sur l'absorption des rayons γ pénétrants. *C. rend. Acad. sc.*, 1933, 197: 1111. Also *J. phys. radium*, Par., 1934, 7. ser., 5: 49-53. ——— L'absorption des rayons gamma dans les éléments lourds en relation avec la longueur d'onde. *Ibid.*, 1935, 7. ser., 6: 274-80. ——— & **Starkiewicz, J.** La variation du coefficient d'absorption des rayons γ durs en fonction du numéro atomique. *Ibid.*, 340-6.—**Gray, J. A., & Hinds, J. F.** Note on the analysis of the γ -rays of radium E. *Canad. J. Res.*, 1938, 16: sect. A, 75.—**Gray, L. H.** The rate of emission of γ -ray energy by radium B and radium C, and by thorium B and thorium C'. *Proc. R. Soc.*, Lond., 1937, 159: ser. A, 263-83. ——— & **Tarrant, G. T. P.** The nature of the interaction between gamma-radiation and the atomic nucleus. *Ibid.*, 1932, ser. A, 136: 662-91. ——— Phenomena associated with the anomalous absorption of high energy gamma radiation. *Ibid.*, 1934, ser. A, 143: 681; 706.—**Harker, G.** The influence of sensitizers in chemical reactions

- produced by X and γ radiation. *J. Cancer Res. Com. Univ. Sydney*, 1934, 5: 189-96.—**Hopwood, F. L., & Banks, T. E.** Canalization of gamma rays. *Nature, Lond.*, 1938, 141: 687.—**Jaeger, J. C., & Hulme, H. R.** The internal conversion of γ -rays with the production of electrons and positrons. *Proc. R. Soc., Lond.*, 1935, ser. A, 148: 708-28.—**Kahan, T.** Discussion de formules et courbes théoriques relatives aux rayons gamma. *J. phys. radium, Par.*, 1939, 7, ser., 10: 430-4.—**Kleeman, R. D.** Sur la vitesse des rayons cathodiques émis par les substances exposées aux rayons γ du radium. *Radium, Par.*, 1909, 6: 83-8.—**Lea, D. E.** Secondary gamma rays excited by the passage of neutrons through matter. *Proc. R. Soc., Lond.*, 1935, ser. A, 150: 637-68.—**Man-made gamma rays 6 times as piercing as Nature's.** *Science News Lett.*, 1935, 28: 51.—**Mazerès.** Sur le rayonnement primaire gamma autour d'une source linéaire de radium. *J. radiol. électr.*, 1926, 10: 159-63.—**Payne-Scott, R.** The wavelength distribution of the scattered radiation in a medium traversed by a beam of X or gamma rays. *Brit. J. Radiol.*, 1937, 10: 850-70. Also repr.—**Penfold, W. J., & Sutherland, J.** The effect of the gamma rays of radium and of X rays on Blair Bell's colloidal lead. *Med. J. Australia*, 1931, 2: 98-100.—**Poole, J. H. J.** The effect of strong magnetic and electric fields on the rectilinear propagation of γ rays. *Sci. Proc. R. Dublin Soc.*, 1928-29, 19: 265-71, pl.—**Prát, S., & Petrová, J.** The penetrability of gamma-rays through wood. *Radiologica, Berl.*, 1938, 3: 208-13.—**Rees, W. J., & Clark, L. H.** On the quality and significance of the scattered radiation produced in water subjected to beams of X-rays and gamma rays. *Brit. J. Radiol.*, 1932, n. ser., 5: 432-43.—**Roberts, J. E., & Honeyburne, J. M.** The distribution of gamma rays round a ring source. *Ibid.*, 1937, 10: 515-26.—**Rogers, J. S.** The absorption of gamma rays by barium sulphate plaster, water and beef. *Ibid.*, 1934, n. ser., 7: 176-86.—**Rutherford, I.** Origin of the gamma rays. *Nature, Lond.*, 1932, 129: 457. Also *Sci. Month.*, 1932, 36: 483-6.—**Smereker, H., & Juris, K.** Versuche über die nicht direkte Ionisierung der Gammastrahlen. *Strahlentherapie*, 1938, 61: 161-6.—**Soiland, A.** Recent progress in electrically produced gamma radiation. *Bull. U. S. Nav. Dep. Div. Prev. M.*, 1935, 33: 235-8.—**Stahel, E., & Johner, W.** Le rayonnement gamma du radium: nombre de quanta émis; absorption interne. *J. phys. radium, Par.*, 1934, 7, ser., 5: 97-103.—**Stahel, E., & Ketelaar, H.** Interaction entre les rayons gamma et les noyaux atomiques. *Ibid.*, 1933, 7, ser., 4: 460-85.—**Diffusion des rayons gamma.** *Ibid.*, 1934, 7, ser., 5: 512-22.—**Sur la diffusion des rayons gamma sans changement de longueur d'onde.** *Ibid.*, 1936, 7, ser., 7: 389.—**Picard, A.** Coefficients d'absorption des rayons gamma du radium C. *Ibid.*, 1934, 7, ser., 5: 385-8.—**Stueckelberg, E. C. G.** Artificial radioactivity giving continuous γ -radiation. *Nature, Lond.*, 1936, 137: 1070.—**Taft, R. B.** Demonstration of gamma radiation from living patient following thorotrast injection. *Radiology*, 1937, 29: 530-2.—**Taylor, H. M., & Mott, N. F.** A theory of the internal conversion of γ -rays. *Proc. R. Soc., Lond.*, ser. A, 1932, 138: 665-95.—**Teegan, J. A. C.** On the comparison of the gamma ray intensities from radium preparations. *Sci. Proc. R. Dublin Soc.*, 1937, 21: 449-52.—**Thibaud, J.** Les rayons γ de très grand quantum et l'origine photo-électrique du spectre β naturel du radium. *C. rend. Acad. sc.*, 1924, 179: 165-7.—**The gamma radiation of radio-active substances.** *Radiology*, 1932, 18: 265-8.—**Wilson, H. A.** The energies of alpha, beta, and gamma rays. *Proc. R. Soc., Lond.*, 1934, 145: ser. A, 447-61.—**The energies of alpha and gamma rays.** *Ibid.*, 1935, 150: ser. A, 1-8.—**Zlotowski, I.** Sur le débit de chaleur du rayonnement γ du radium. *C. rend. Acad. sc.*, 1934, 199: 284-6.—**Etude calorimétrique du rayonnement gamma du Ra (B+C)** *J. phys. radium, Par.*, 1935, 7, ser., 6: 242-52.

Biological effects.

DEN HOED, D. *Over de werking van harde röntgenstralen en gammastralen van radium [Action of the hard Roentgen rays and of the gamma rays of radium] 172p. 8°. Amst., 1934.

Bassenge, W. Untersuchungen über die Aenderung der ernährungsphysiologischen Wirkung der Eiweissstoffe des Weizenkornes durch Bestrahlung mit γ -Strahlen des Mesothoriums. *Arch. Verdauungskr.*, 1937, 61: 66-73.—**Crowther, J. A., & Liebmann, H.** An effect of gamma radiation on egg albumin. *Nature, Lond.*, 1939, 143: 598.—**Dessauer, F.** The cause of the action of X-rays and gamma rays of radium upon living cells. *J. Radiol.*, 1923, 4: 411-5.—**Effect (The) of gamma radiation on the rat retina.** *Annual Rep. Brit. Empire Cancer Campaign*, 1935, 12: 172.—**Failla, G., & Henshaw, P. S.** The relative biological effectiveness of X-rays and gamma rays. *Radiology*, 1931, 17: 1-43.—**Forssberg, A.** Ueber einige biologische und biochemische Wirkungen der γ -Strahlen, insbesondere mit Rücksicht auf die gleichzeitige Einwirkung anderer Faktoren (Temperatur, Licht u. s. w.) (präliminäre Mitteilung) *Acta radiol., Stockh.*, 1935, 16: 204-16.—**Some experiments in irradiating Drosophila eggs with Roentgen rays and γ rays in a magnetic field.** *Ibid.*, 1940, 21: 213-20.—**Furth, J., & Kabakjian, D. H.** Studies on the effect of continuous exposure of mice to gamma rays of radium. *Am. J. Roentg.*, 1934, 32: 227-34.—**Glasser, O., & Mautz, F. R.** Studies on the effect of roentgen rays and gamma rays

upon the eggs of *Drosophila melanogaster*. *Ibid.*, 1933, 29: 815-25.—**Holmes, B. E.** The effect of gamma rays upon the metabolism of tissues in culture. *Brit. J. Radiol.*, 1933, 6: 461-7.—**Lambertini, G.** Ricerche sperimentali intorno agli effetti delle radiazioni del radium (raggi γ) sulla neurorete del Donaggio negli elementi nervosi spinali di mammiferi neonati. *Boll. Soc. ital. biol. sper.*, 1930, 5: 693-6.—**Ricerche sull'azione dei raggi γ del radium sopra la neurorete del Donaggio negli elementi nervosi spinali dei mammiferi.** *Monit. zool. ital.*, 1931, 41: Suppl., 244-47, pl.—**Lawrie, N. R., & Robertson, M.** The effect of γ -ray irradiation upon the growth and nitrogenous metabolism of the protozoan, *Rodo caudatus*. *Biochem. J., Lond.*, 1935, 29: 1017-20.—**Mallet, L.** Production de rayonnement lumineux et ultraviolet au sein de l'eau et des substances organiques soumises aux radiations γ . *C. rend. Soc. biol.*, 1926, 95: 661.—**Mezzadrol, G., & Varetton, E.** Ulteriore studio sull'azione delle onde elettromagnetiche ultracorte γ sui bachi da seta. *Gior. biol. appl.*, 1931, 1: 220-3.—**Mottram, J. C.** Changes in the non-dividing nucleus following gamma radiation. *J. R. Micr. Soc., Lond.*, 1933, 53: 213-9.—**Gray, L. H.** The relative response of the skin of mice to X-radiation and gamma radiation. *Brit. J. Radiol.*, 1940, 13: 31-4.—**Muller, J. H.** Comparative effect of 200 KV. X-rays and gamma rays on the pupae of *Drosophila melanogaster*; determination of equivalent roentgen value for gamma rays; summation experiments with X-rays and gamma rays. *Am. J. Cancer*, 1938, 32: 565-81.—**Palmieri, G. G., & Valenti, A.** Experimentelle Feststellungen und theoretische Überlegungen zur Hypothese von den Daseinswirkungen der Röntgen- und Gammastrahlen bei den Vorgängen an der lebenden Materie. *Strahlentherapie*, 1939, 65: 15-32.—**Palumbo, V.** Action biologique exercée par les rayons Gamma, sur le système glandulaire et pilifère de la peau en conditions normales et pathologiques. *Gaz. méd. France*, 1938, 45: radiol., 422-7.—**Also Radiology, 1938, 30: 705-17.—**Quantitative study of the relative effects of γ -radiation and X-radiation on the skin of mice.** *Annual Rep. Brit. Empire Cancer Campaign*, 1939, 16: 125-7.—**Russ, S., & Scott, G. M.** The differential action of gamma rays. *Brit. J. Radiol.*, 1932, 5: 814-23.—**Some biological effects of continuous gamma irradiation, with a note on protection.** *Ibid.*, 1937, 10: 619-29.—**Biological effects of gamma irradiation.** *Ibid.*, 1939, 12: 440.—**Simon, S.** Action comparée des rayons X et des rayons gamma sur la stérilisation des femelles de *Drosophila melanogaster*. *Cancer, Brux.*, 1930, 7: 229-48.—**Soiland, A.** Clinical aspect of electrically produced gamma rays: 3 important units. *California West. M.*, 1940, 52: 172-6.—**Spear, F. G.** Immediate and delayed effects of radium (gamma rays) on tissue cultures in vitro. *Brit. J. Radiol.*, 1931, n. ser., 4: 146-65.—**Glücksman, A.** The effect of gamma radiation on cells in vivo; single exposures of the normal tadpole at room temperature. *Ibid.*, 1938, 11: 533-53.—**The effect of gamma radiation on cells in vivo; single exposures of the fasting tadpole at room temperature; single exposures of the normal animal at low temperature.** *Ibid.*, 1939, 12: 486-98.—**Spear, F. G., & Grimmett, L. G.** The biological response to gamma rays of radium as a function of the intensity of radiation. *Ibid.*, 1933, 6: 387; 1935, 8: 231.—**Sukharev, V. I.** [Effect of gamma rays on the process of skin cicatrization] *Vest. rentz.*, 1930, 8: 341-3.—**Sylvén, B.** Studies on the liberation of sulphuric acids from the granules of the mast cells in the subcutaneous connective tissue after exposure to Roentgen and gamma rays. *Acta radiol., Stockh.*, 1940, 21: 206-12.—**Tansley, K., Spear, F. G., & Glücksman, A.** The effect of gamma rays on cell division in the developing rat retina. *Brit. J. Ophth.*, 1937, 21: 273-98.—**Wallgren, A.** [Knowledge of the biological effect of γ -rays] *Fin. läk. säll. hand.*, 1932, 74: 775-85. Also *Acta radiol., Stockh.*, 1933, 14: 111-21.—**Whitman, W. G.** Whole animal exposures to highly filtered gamma rays. *Radiology*, 1933, 21: 265-73.—**Wilson, C. W.** Some effects of the gamma rays of radium on the developing chick embryo; the dependence of the delayed lethal dose on the age of embryo. *Acta radiol., Stockh.*, 1935, 16: 719-26.—**The recovery and development of chick embryos after irradiation at various ages.** *Ibid.*, 719-34.**

Dosage and measurement.

Cardillo, F. Raggi gamma ed unità r. (stato attuale di problema dell'unificazione delle misure radioterapiche quantitative) *Radiol. med.*, Milano, 1937, 24: 485-503.—**Curie, I.** Sur la mesure du dépôt actif du radium par le rayonnement γ pénétrant. *C. rend. Acad. sc.*, 1929, 188: 64-6.—**Curran, S. C., Dee, P. L., & Strothers, J. E.** Some measurements of γ -ray energies. *Proc. R. Soc., Lond.*, 1940, ser. A, 174: 546-58.—**Doan, G. E.** Gamma ray radiographic testing. *J. Franklin Inst.*, 1933, 216: 183-216.—**Evans, R. D.** Quantum-counter amplifiers for gamma ray detection, and applications to studies in radium poisoning. *Proc. Am. Philos. Soc.*, 1937-38, 78: 11-21.—**Exner, F. M., & Packard, C.** A biological measurement of radium gamma rays. *Radiology*, 1935, 25: 391-402.—**Flint, H. T., & Grimmett, L. G.** Measurement of the distribution of gamma rays around a four-gram mass of radium. *Brit. M. J.*, 1930, 2: 98.—**Friedrich, W.** The measurement of gamma rays. *Am. J. Roentg.*, 1938, 40: 69-79.—**Schulze, R.** Neubestimmung der r-Einheit für Gammastrahlen. *Strahlentherapie*, 1935, 54: 553-69.—**Glasser, O., & Mautz, F. R.** Die Bedeutung der r-Einheit für die Messung der Dosis von Gammastrahlen des Radiums. *Ibid.*, 1929, 34: 845-54.—**Glasser, O., & Rovner, L.** Dosimetry in radiation therapy;

gamma-ray measurements in roentgens. *Am. J. Roentg.*, 1936, 36: 94-104.—**Henshaw, P. S.**, & **Francis, D. S.** The biological measurement of gamma rays in equivalent roentgens. *Radiology*, 1936, 27: 569-83.—**Kaye, G. W. C.**, & **Binks, W.** Dosierung von Gammastrahlen durch Ionisationsmessung. *Strahlentherapie*, 1936, 56: 608-20. Also *Proc. R. Soc., Lond.*, 1937, ser. A, 161: 564-92. Also *Am. J. Roentg.*, 1938, 40: 80-91.—**Kaye, G. W. C.**, **Perry, W. E. T.**, & **Jones, D. E. A.** The gamma-ray measurement of radium content by means of a ballistic valve amplifier. *Brit. J. Radiol.*, 1937, 10: 282-90.—**Kessler, E.**, & **Sluys, F.** Die Messung der Gammastrahlung in absoluten R-Einheiten. *Strahlentherapie*, 1928-29, 31: 771-7.—**Laurence, G. C.** Some problems of gamma-ray measurement in radiology. *Am. J. Roentg.*, 1938, 40: 92-103.—**Locher, G. L.**, & **Weatherwax, J. L.** The use of Geiger-Müller counters for locating radium and for measuring gamma-ray intensities. *Radiology*, 1936, 27: 149-57.—**Mallet, L.** Chambres d'ionisation de très petites dimensions destinées à la mesure locale du rayonnement gamma. *C. rend. Acad. sc.*, 1932, 194: 370-2. — & **Coliez, R.** Untersuchungen über die Verteilung der strahlenden Energie bei der Radiumtherapie; direkte Messung der Gammastrahlung. *Strahlentherapie*, 1926, 22: 417-37.—**Mayneord, W. V.** The measurement in r-units of the gamma rays from radium. *Brit. J. Radiol.*, 1931, n. ser., 4: 693-710. — & **Roberts, J. E.** An attempt at precision measurements of gamma rays. *Ibid.*, 1937, 10: 365-88.—**Minder, W.** Zur Absolutbestimmung der Gammastrahlendosis. *Acta radiol., Stockh.*, 1937, 18: 761-73. — Einige Gleichungen zur Berechnung der Gammastrahlendosis geometrisch einfacher Anordnungen. *Radiol. Rdsch.*, 1938, 7: 346-84.—**Murdoch, J.**, & **Stahel, E.** Ueber die Dosierung der Gammastrahlen in r-Einheiten. *Strahlentherapie*, 1935, 53: 102-18.—**Palmieri, G. G.** Das Kosinussgesetz und seine praktische Anwendung bei der ionometrischen Bestimmung der Verteilung der Röntgen- und γ -Strahlen-Energie auf bestrahlten Oberflächen. *Internat. Radiother., Darmst.*, 1927-28, 3: 917-32.—**Paterson, R.** A dosage system for gamma ray therapy. *Brit. J. Radiol.*, 1934, n. ser., 7: 592-632.—**Schwarz, T.** [Measurement of the intensity of gamma rays and its use in gynecological affections] Bratisl. lek. listy, 1933, 13: 196; 240.—**Sievert, R. M.** Die γ -Strahlungsintensität an der Oberfläche und in der nächsten Umgebung von Radiumnadeln. *Acta radiol., Stockh.*, 1930, 11: 249-70, 19 pl., 10 tab. — A new method for determining the intensity of γ - and X-ray radiation; preliminary results. *Ibid.*, 1931, 12: 190-9, pl.—**Stahel, E.**, **Ketelaar, H.**, & **Kipfer, P.** Interpretation quantitative du rayonnement gamma diffusé par des radiateurs en plomb. *J. phys. radium, Par.*, 1936, 7, ser., 7: 379-88.—**Strandqvist, M.** A new technique and dosage system for gamma ray therapy in surface application of radium. *Acta radiol., Stockh.*, 1939, 20: 1-15.—**Sugiura, K.** The biological measurement of gamma rays in equivalent roentgens with mouse sarcoma 180 as the test object. *Am. J. Cancer*, 1939, 37: 445-52.

Protection of workers.

Feller, A., & **Langer, A.** Strahlenmessungen an mit radiologischen Arbeiten beschäftigten Personal und einige Schutzmassnahmen gegen γ -Strahlen. *Acta radiol., Stockh.*, 1937, 18: 547-51.—**Fricke, R. E.**, & **Milliams, M. M. D.** Radium protection; measurements of exposure to gamma rays. *Radiology*, 1940, 34: 560-8.—**Kaye, G. W. C.**, **Bell, G. E.**, & **Binks, W.** The protection of radium workers from gamma radiation. *Brit. J. Radiol.*, 1935, 8: 6; 1936, 9: 161. Also *Strahlentherapie*, 1936, 55: 670-85.

Therapeutic use.

See also Radium therapy.

Enfield, C. D. Some applications of gamma-radiation. *Radiol. Rev.*, 1930, 52: 103-6.—**Finzi, N. S.** Treatment by γ -rays of radium. *S. Barth. Hosp. Rep., Lond.*, 1927, 60: 73-89.—**Fornero, A.** Sull'esistenza di un estro da roentgen o da radium nel senso di una stimolazione polimorfale da X e da γ (opofiscoterapia). *Monit. ostet. gin.*, 1937, 9: 447-61.—**Lavedan, J.**, & **Monod, O.** Troubles cardio-vasculaires déterminés par les rayons γ au cours du traitement des néoplasmes. *C. rend. Soc. biol.*, 1922, 87: 153.—**Love, W. H.** Note on a problem in gamma-ray therapy. *Brit. J. Radiol.*, 1937, 10: 430.—**Mayneord, W. V.** Notes on 3 problems of gamma ray therapy. *Ibid.*, 1933, 6: 598-614.—**Palmieri, G. G.** Theoretische Grundlagen eines neuen Verfahrens der Homogenbestrahlung mit Gammastrahlen. *Strahlentherapie*, 1931, 40: 470-92.—**Simon, S.** Das Radium-Gammastrahlenergthem und seine Nutzenanwendung. *Zbl. Gyn.*, 1936, 60: 2140; 2391.—**Stahel, E.** Ionisationsmessungen über den Einfluss der sekundären Betastrahlen bei Gammastrahltherapie. *Strahlentherapie*, 1932, 44: 575.—**Van Rooijen, J.** Radiating surfaces; a study on the introduction of a new method in gamma-ray treatment. *Brit. J. Radiol.*, 1937, 10: 650-76.—**Wilson, C. W.** Estimation of the quality of depth radiations in gamma-ray therapy by means of the ionisation produced in chambers with wall materials of different atomic numbers. *Ibid.*, 1939, 12: 231-8.

GAMMEL, Hermann, 1907—*Die physiologische und physikalische Bedeutung der gestützten Prothese. 29p. 8°. Heidelb., Thieme, 1933.

GAMMEL, John A[ntony S.] 1894—, & **COOPER, George William.** Manual of medical mycology. 2 pts, 215 l.; 160 l. illust. roy. 8° [n. p.] 1931.

Typewritten.

GAMOPHOBIA.

Feigenbaum, D. Psychoanalytic diagnosis in a case of gamophobia. *Psychoanal. Rev.*, 1930, 17: 331-41.

GAMPER, E[duard] 1887-1938. Der endemische Kretinismus. p.241-351. 24½cm. Berl., 1928.

— Chorea infectiosa (Chorea minor Sydenham und Chorea gravidarum) p.47-109. 8° Berl., 1935.

In *Handb. Neur.* (Bumke & Foerster) Berl., 1935, 12: — Paralysis agitans (Morbus Parkinson, Schüttellähmung) p.757-827. 8° Berl., 1936.

In *Handb. Neur.* (Bumke & Foerster) Berl., 1936, 16: — For biography see *Arch. Psychiat.*, Berl., 1938-39, 109: 839-45, portr. (H. Scharfetter) Also *Deut. Zschr. Nervenh.*, 1938, 147: p. i-xii, portr. (G. Stieffer) Also *Med. Klin.*, Berl., 1938, 34: 955 (J. Lange) Also *Mtschr. Psychiat.*, 1938, 100: 129-36, portr. (A. Kral) Also *Münch. med. Wschr.*, 1938, 85: 1068-70 (H. Spatz) Also *Nervenarzt*, 1938, 11: 337-9 (R. Klein)

— **JAHNEL, F.** [et al.] Infektionen und Intoxikationen. 1. Teil. viii, 776p. illust. 8° Berl., J. Springer, 1935.

Forms 12. Bd, *Handb. Neur.* (Bumke & Foerster)

GAMSTAETTER, Heinrich, 1907—*Ein Fall von Bindehaut- und Hornhauttuberkulose unter dem anfänglichen Bilde eines Trachoms. 23p. 8° Würzb., R. Mayr, 1933.

GANASSINI, Domenico, 1870-1936. *Lorenzini, G.* [Necrologio] *Rass. clin. sc.*, 1937, 15: 3, portr.

GANCHE, Eduard. Mon début dans la médecine; un médecin de campagne en 1889. 131p. 12° Par., Denoël & Steele [1936]

GAND, Johannes [Ganduno; Gandavensis; de Dullaert] ca 1326. Quaestiones super tres libros Aristotelis de anima. 158 l. fol. Venezia, Johannes von Köln & Johannes Manthen, July 14, 1480.

— The same. 189 l. fol. Venezia, Johannes Lucilius Santritter & Hieronymus de Sanctis, Nov. 30, 1488.

GAND, University of.

See under Ghent.

GANDARA R., Alberto, 1893—*Intersexualidad e intersexualismo [Chile] 144p. 8° [Valparaiso] 1930.

GANDE, Bruno. Die Spirohäten der menschlichen Mundhöhle nebst einer Einführung in die mikroskopische Technik. 2. Aufl. vi, 122p. 8° Berl., Berlinische Verl., 1925.

GANDELON, Georges, 1912—*Le diagnostic de la lithiase pancréatique par l'épreuve à la sécrétine purifiée. 75p. 24½cm. Par., A. Legrand, 1939.

GANDER, Georges. *Du cancer précoce de l'estomac [Berne] 71p. 2 pl. 8° Chaux-de-Fonds, 1904.

GANDER, Georges. *Die Histogenese des Uteruswachstums von Ratte und Maus unter der Wirkung von Ovarial- und Hypophysenvorderlappenhormon im Vergleich mit derjenigen während der Schwangerschaft [Basel] p.44-64. 8° Berl., J. Springer, 1930.

Also *Zschr. ges. exp. Med.*, 1930, 72:

— La silicose pulmonaire. 13p. 21½cm. Lausanne, Payot, 1939.

GANDER, Josef, 1900—*Die Herzwirkung des Gitalins und Gitaligenins [Zürich] p.324-45. 8° Berl., F. C. W. Vogel, 1932.

Also *Arch. exp. Path.*, Berl., 1932, 164:

GANDHI, Mahatma.

Friedmann, A. Die Kindheit Gandhis. Internat. Zschr. Individpsych., 1933, 11: 1-7.—**Lemos, M. de.** A grève da fome de Ghandi-ji; seu aspeto medico-legal e filosofico. Rev. med. cir. Brasil, 1933, 41: 235-44.

GANDOSOV, Georgi, 1900—

*Jahrelange Retention von fötalen Knochen im Uterus nach Abort. 15p. 8°. Münch., 1928.

GANDOUET, Jacques Marie Léon Jules Adrien, 1912— *Le traitement du cancer de la verge. 64p. 25cm. Bordeaux, Bière, 1937.

GANDOUET, Jean Léon Jules Adrien, 1910— *Résultats du traitement de la maladie de Bouillaud par le salicylate de soude chez l'enfant. 76p. 8°. Par., Jouve & cie, 1935.

GANDY, Maurice, 1905— *Les ulcères gastro-duodénaux perforés en péritoine libre; étude clinique et résultats des interventions pratiquées d'urgence. 143p. 8°. Par., L. Arnette, 1934.

GANDY, Paul, 1853-1931.

Goudard, L. [Nécrologia] Presse therm. clim., 1931, 72: 505.

GANDZ, S. The sources of al-Khowārizmī's algebra. p.263-77. 8°. Bruges, S. Catherine Press, 1936.

In Osiris, Bruges, 1936, 1:

GANEM, Roger Victor, 1900— *Le rapport entre les lésions sous-diaphragmatiques et l'asymétrie des mouvements du diaphragme; étude de radioscopie clinique. 80p. 8°. Par., A. Legrand, 1929.

GANGI, Salvatore. Il colpo di calore. 2 p. l. 293p. 8°. Catania, V. Giannotta, 1915.

GANGLION.

See also Bursa; Cyst; Tendonsheath; also names of parts affected.

BUXBAUM, H. *Ueber die in den Jahren 1921-27 der chirurgischen Universität-Poliklinik zu Frankfurt a. M. behandelten Fälle von Ganglien (Ueberbeine) im Vergleich zu den bisherigen Veröffentlichungen über dieses Thema. 35p. 8°. Frankf. a. M., 1928.

LIER, R. *Die Ansichten über die Entstehung der Ganglien und ihre Behandlung [Halle] 31p. 8°. Eisleben, 1927.

MÄCKEL, T. *Beitrag zur Aetiologie der Ganglien. 28p. 8°. Lpz., 1903.

MARTENS, E. *Ueber die Behandlung von Ganglien, Schleimbeuteln unter besonderer Berücksichtigung der Verödung. 38p. 23cm. Berl., 1938.

SCHMITZ, K. *Ein Beitrag zur Casuistik und Therapie der Ganglien. 28p. 8°. Bonn, 1907.

Ashhurst, A. P. C. Ganglion in the flexure of the elbow. Univ. Pennsylvania M. Bull., 1907, 20: 21.—**Bearse, C.** Ganglions of tendon sheaths; a method of treatment. J. Am. M. Ass., 1937, 109: 1626.—**Bindi, F.** Note di istologia patologica sui così detti gangli tendinei; significato delle cellule giganti del ganglio. Clin. chir., Milano, 1909, 17: 816-30, pl.—**Borchardt, M.** Ganglienbildung in der Sehne des Musculus triceps brachii; ein Beitrag zur Pathogenese der Ganglien. Arch. klin. Chir., 1900, 62: 443-55, pl.—**Bufalini, M.** Il ganglio metacarpo-falangico. Chir. org. movim., 1929, 13: 29-38.—**Carp, L., & Stout, A. P.** A study of ganglion; with especial reference to treatment. Bull. N. York Acad. M., 1928, 2, ser., 4: 638-42. Also Surg. Gyn. Obst., 1928, 47: 460-8.—**Cates, B. B.** A safe, simple, and sure cure for ganglion. Ibid., 1905, 1: 170.—**Das Gupta, A. K.** Treatment of ganglion. Ind. M. Gaz., 1938, 73: 31.—**Eisenklam, I.** Die Behandlung des Ganglion am Handrücken. Wien. klin. Wschr., 1928, 41: 740.—**Ernberg, H.** [Contributions à la connaissance des ganglions (kystes synoviaux)] Nord. med. ark., 1900, n. F., 11: No. 35, 1-26, pl.—**Gould, E. P.** Treatment of tenosynovitis and ganglion. Brit. M. J., 1938, 2: 415.—**Günther, H.** Eine einfache und erfolgreiche Behandlung der Ganglien. Zbl. Chir., 1932, 59: 1476.—**Hannecart, A.** Tumeurs ganglionnaires. Presse méd. belge, 1905, 57: 541.—**Hilgenreiner, H.** Ueber Ganglienbildung in der Kontinuität der Sehne. Beitr. klin. Chir., 1929, 147: 200-4.—**Jolly.** Sur le rôle des ganglions. J. méd. Paris, 1901, 3, ser., 13: 447-9.—**Kaplan, E. B.** Treat-

ment of ganglion by injection of sodium morrhuate. Am. J. Surg., 1934, n. ser., 24: 151. Also repr.—**King, E. S. J.** The pathology of ganglion. Austral. N. Zealand J. Surg., 1932, 1: 367-81.—**Küttner, H.** Zur Klinik der Ganglien. Verh. Ges. deut. Naturforsch. (1905) 1906, 2. Teil, 2. Hlfte, 139-42.—**Hertel, E.** Die Lehre von den Ganglien. Erg. Chir., 1925, 18: 377-436.—**McEvedy, P.** Treatment of the simple ganglion by injections. Lancet, Lond., 1930, 2: 902.—**Mancini, A.** Contributo al trattamento chirurgico dei gangli del polso e della mano. Riv. med., 1915, 23: 33-6.—**Morestin, H.** Ganglion extra-inguinal, sur la face externe du tenseur du fascia lata. Bull. Soc. anat. Paris, 1901, 76: 365.—**Rudakowa, O. W.** Ueber die Ganglion-Operation nach Neumüller und Orator. Arch. klin. Chir., 1928, 150: 58-63.—**Senn, N.** Ganglion. Internat. Clin., 1904, 13, ser., 4: 160.—**Storck, H.** Ueber Sehnenscheidenentzündung und Knotenbildung in Sehnen, Ganglion, Hygrom und Bursitis. Med. Welt, 1936, 10: 522-5.—**Syme, G. A., & Cherry, T.** The nature and treatment of ganglia. Tr. Intercolon. M. Congr. Australasia (1892) 1893, 3. session, 295-306, 10 ch.

GANGLION [neural]

See Autonomic nervous system; Brain, Basal ganglia; Nerve; Nervous system, &c.; also proper names of nerves or ganglia.

GANGLIONEUROMA.

See also Neuroma; also under names of parts affected.

DESMONTS, A. M. *Les ganglioneuromes viscéraux [Paris] 54p. 8°. Blois, 1936.

DE VECCHI, B. Su di un caso di ganglioneuroma addominale: studio sui tumori nervosi del simpatico. p.529-75. 8°. Bologna, 1915.

In Scritti med. in onore di A. Poggi, Bologna, 1915.

GALLAND, F. *Ueber Ganglioneurome. 46p. 8°. Münch., 1927.

SCHREINEMACHER-BÜRGER, K. *Ueber endothorakale Ganglioneurome [Berlin] 40p. 23cm. Charlottenb., 1938.

Arpino, G. I tumori del simpatico addominale: un caso di ganglioneuroma. Fol. med., Nap., 1927, 13: 1635-50.—**Barlow, D.** A brief survey of the literature relating to ganglioneuromata with a report on an unusual case. West London M. J., 1934, 39: 237-42, 2 pl.—**Bergonzi, M.** Ganglioneuroma simpatico; studio anatomico-istologico di un caso con aggiornamento completo della bibliografia sui tumori del simpatico in genere. Arch. sc. med., Tor., 1931, 55: 415-34.—**Bigler, J. A., & Hoynes, A.** Ganglioneuroma; report of 2 cases with a review of the literature. Am. J. Dis. Child., 1932, 43: 1552-71. Also repr.—**Cappell, D. F.** Retroperitoneal ganglionic neuroma. J. Path. Bact., Edinb., 1929, 32: 43-50, 3 pl.—**Christophe & Divry.** Ganglioneurome parasagittal. Ann. méd. psychol., Par., 1940, 98: 273.—**Exalto, J.** [Excision of a paravertebral ganglioneuroma] Ned. tscr. geneesk., 1929, 73: 3717-9.—**Friedrich, K.** Ein Fall von Ganglioneurome. Zbl. allg. Path., 1932-33, 55: 84.—**Glifski, S. K.** [Ganglioneuroma with description of a case] Przegl. lek., 1906, 45: 735; 747.—**Haven, H., & Weil, A.** Multiple ganglioneuroma. Arch. Path., Chic., 1932, 13: 713-5.—**Hortolomei, N., Chipail, G., & Ferdmann, M.** Ganglio-neurome rétro-péritonéal. Ann. anat. path., Par., 1932, 9: 585-92.—**Kopriwa, G.** Ein Fall von Ganglioneuroma telangiectaticum cysticum. Frankf. Zschr. Path., 1929, 37: 348-52.—**Lewis, D., & Geschickter, C. F.** Tumors of the sympathetic nervous system; neuroblastoma, paraganglioma, ganglioneuroma. Arch. Surg., 1934, 28: 16-58.—**Ouspenskaja, O. S.** [Study of ganglioneuroma] Vrach. delo, 1926, 9: 2024-6.—**Parreira, H., & Prates, M. D.** Dois casos de ganglioneuroma. Arq. pat., 1934, 6: 601-14.—**Penna, O.** Ganglioneuroma. Tribuna med., Rio, 1926, 32: 133-8.—**Roman, B., & Arnold, D. P.** A case of ganglioneuromatosis. Bull. Buffalo Gen. Hosp., 1924, 2: 88-99.—**Smirnow, O. L.** Ganglioneurom des Bauchsympathicus. Deut. Zschr. Chir., 1932, 236: 365-72.—**Voicu, I., & Popă, R.** [Two cases of ganglioneuroma] Cluj. med., 1930, 11: 289-91.—**Vulfius, G. G.** [True neuromata, with description of 3 personal observations] J. nevropat. psichiat., Moskva, 1912, 12: 69; 542, pl.—**Wilmoth, P., Bertrand, I., & Patel, J.** Les ganglioneuromes abdominaux. J. Chir., Par., 1933, 42: 689-705.—**Wolf, A., & Morton, B. F.** Ganglion cell tumors of the central nervous system. Bull. Neur. Inst. N. York, 1937, 6: 453-88.

GANGOSA.

See also Rhinopharynx, Disease.

GALINIER, G. La gangosa et les rhinopharyngites mutilantes des tropiques. 87p. 8°. Par., 1934.

Brennan, F. H., & Pirie, J. H. H. Gangosa in Africa. Med. J. S. Africa, 1917-18, 13: 193-5.—**D'Ignazio, C., & Del Campo, G.** Contributo alla eziopatogenesi della gangosa.

Arch. ital. sc. med. col., 1939, 20: 663-72.—**Farreras, D.** Considerações sobre a gangosa e a espondia. *Fol. med.*, Rio, 1936, 17: 368.—**Jolly, A., & Di Ruggiero.** A propos d'un cas de gangosa observé en Guadeloupe. *Bull. Soc. path. exot.*, Par., 1937, 30: 708-12.—**Leys, J. F.** Rhino-pharyngitis mutilans (destructive ulcerous rhinopharyngitis) a problem in tropical pathology. *J. Trop. M. Hyg.*, Lond., 1906, 9: 47-51.—**Myerson, M. C.** Gangosa; occurrence in a white man. *Laryngoscope*, 1933, 43: 394-9.—**Plantilla, F. C., & Mabalay, E.** Gangosa: a clinical and histologic study of an extensive case. *Month. Bull. Bur. Health, Manila*, 1935, 15: 367-71, 2 fig.—**Sekine, M., & Yokoo, M.** Ueber Gangosa (Rhinopharyngitis mutilans) auf den Palau-Inseln. *Otorhinolaryngologia*, Tokyo, 1939, 12: 3, 2 pl.—**Sen, R. K.** Gangosa. *Ind. M. Rec.*, 1917, 37: 134.—**Shaw, V. A.** Case of gangosa. *China M. J.*, 1926, 40: 1236.—**Sicé, A., Poudevigne, H., & Berthon, H.** Contribution à l'étude pathogénique de la rhinopharyngite ulcéreuse et mutilante, gangosa. *Bull. Soc. path. exot.*, Par., 1939, 32: 716-20.—**Waar, A. C. H.** Rhino-pharyngitis mutilans. *Acta otolar.*, Stockh., 1925-26, 8: 579-88.—**Ziemann, H.** Beitrag zur Frage der sogenannten Rhinopharyngitis mutilans. *Arch. Schiffs Tropenhyg.*, 1926, 30: Beih. 1, 161-84.

GANGRENE.

See also **Bed-sore; Cellulitis; Dystrophy; Ecthyma; Necrosis**; also under names of parts or tissues affected as **Bladder, Gangrene; Extremity, Gangrene, &c.**

ARAUHO BITTENCOURT, S. D'. *Gangrenas. 29p. 8°. Bahia, 1868.

Bialas, J. C. Gangrene; its everyday clinical aspects. *Hahneman. Month.*, 1925, 60: 619-27.—**Lecène, P., & Moulonquet, P.** Les gangrènes. In *Précis path. chir.*, 6. éd., 1937, 1: 235-54.—**Nightingale, H. J.** Gangrene. *Med. Press & Circ.*, Lond., 1938, 196: 576-8.—**Steel, W. A.** Gangrene. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 6: 732-55, pl.—**Takáts, G.** Gangrene. *Surg. Clin. N. America*, 1936, 16: 317-36.—**Tansini, I.** Sulle gangrene. *Polielinico*, 1917, 24: sez. prat., 609-14.

Bacteriology.

See also under proper names of bacteria and infections; also **Gas gangrene.**

ZINSERLING, W. D. Ueber die fuso-spirochätöse Gangrän und einige verwandte Prozesse vorzugsweise bei Kindern (pathologisch-anatomische Beobachtungen) 78p. 8°. Jena, 1928.

Anichkov, N. Ueber die infektiöse fuso-spirochätöse Gangrän; Untersuchungen des Dr. Zinslerling und Dr. Wolkoff. *Mitt. Med. Akad. Kioto*, 1930, 4: H. 4, No. 16, 223-8.—**Bettman, A. G.** Hemolytic streptococcal gangrene. *Northwest M.*, 1931, 30: 28-32.—**Davis, D. J.** The pathology and bacteriology of putrid and gangrenous processes, with special reference to the fusiform bacilli and Vincent's spirochete. *J. Iowa M. Soc.*, 1926, 16: 76-80.—**Gangrene** due to anaerobic bacteria. *Bull. Lederle Lab.*, 1934, 2: 8-13.—**Horsley, J. S.** Certain symbiotic bacterial infections producing gangrene, with special reference to the principles of treatment. *J. Am. M. Ass.*, 1932, 98: 1425-9.—**Jen, T. K.** Haemolytic streptococcus gangrene. *China M. J.*, 1929, 43: 889-907, pl.—**Mainzer, F. S.** Acute streptococcal hemolytic gangrene. *Pennsylvania M. J.*, 1931, 34: 711.—**Simpson, B. S.** Haemolytic streptococcus gangrene. *Brit. M. J.*, 1936, 1: 261.—**Ukil, A. C.** On the anaerobic bacterial flora of certain cases of cellulitis and gangrene. *Tr. Far East. Ass. Trop. M.* (1927) 1928, 7. Congr., 2: 487-9.—**Zinslerling, W. D.** Zur Kenntnis der infektiösen Gangrän. *Wien. klin. Wschr.*, 1927, 40: 841-3.

cutaneous.

KESSLER, L. *Die Hautgangrän. 44p. 8°. Münch., 1907.

NATIVELE, R. *Un bacille des gangrènes cutanées. 74p. 8°. Par., 1930.

UNITED STATES. WAR DEPARTMENT. ARMY REGULATIONS. No. 40-5. **MEDICAL DEPARTMENT.** General provisions; communicable diseases of animals, dermatitis gangrenosa. 1p. 8°. Wash., 1922.

Balog, P., & Cerqua, S. Ueber den Bacillus gangraenae cutis (Milian) und die durch ihn verursachten Hautveränderungen. *Arch. Derm. Syph.*, Berl., 1932, 166: 1-13.—**Bonnet, L. M.** Gangrène cutanée primitive ou essentielle. *Lyon méd.*, 1928, 142: 181-5, pl.—**Borzęcki, E.** Idiopathic symmetrical gangrene of the skin] *Przegl. lek.*, 1910, 59: 734-6.—**Chaplin, W.** A case of dermatitis gangrenosa. *Austral. M. J.*, 1912-13, n. ser., 1: 677.—**Daubresse-Morelle, E.** Un cas de gangrène cutanée infectieuse à forme phagédénique serpigneuse. *Ann. Inst. chir. Bruxelles*, 1927, 28: 109-17.—**Emery, E.** Gangrènes cutanées. In *Nouv. prat. derm.* (Darier, Sabouraud, et al.) Par., 1936, 4: 2-22.—**Favre, M., Chaniel, G., & Pinet, J.**

Gangrènes cutanées purpuriques nummulaires des membres inférieurs. *Bull. Soc. fr. derm. syph.*, 1938, 45: 1438-41.—**Favre, M., Rochet [et al.]** A propos d'un cas de gangrène cutanée étendue par lésions veineuses. *Lyon chir.*, 1939-40, 36: 723-6.—**Flye Sainte-Marie, P. E., & Clary, A.** Gangrènes cutanées chez un israélite marocain; étiologie exanthématique; sérothérapie par sérum de convalescent. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 1685-9.—**Gage, A.** Streptococcal subcutaneous necrosis with gangrene of the skin. *Med. Progr., Louisv.*, 1929, 45: 30-3.—**Gutfreund, F.** Gangraena cutis acutum. *Bör & bujakört.*, 1910, 30.—**Jahiel, R., & Armand, C.** Lésions nécrotiques de la peau, guéries par un traitement digestif. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 42-5.—**Karwowski, A. von.** Ein ungewöhnlicher Fall von rezidivierender Hautgangrän in Verbindung mit Pilzinfektion der Haut. *Derm. Wschr.*, 1928, 86: 201-7.—**Lane, C. G.** Spontaneous necrotic dermatitis (hemolytic streptococcus) *Arch. Derm. Syph.*, Chic., 1940, 41: 414.—**Lautré, M. A.** A case of acute hemolytic streptococcal gangrene of the skin. *S. Afr. M. J.*, 1933, 7: 692.—**Manganotti, G.** Gangrena cutanea simmetrica di natura stafilococica. *Dermosiflografo*, 1928, 3: 26-33, pl.—**Masia, A.** Gangrena cutanea disseminata ad esito letale in una donna cinquantenne. *Minerva med.*, Tor., 1931, 22: pt 2, 362-7.—**Meleney, F. L.** A differential diagnosis between certain types of infectious gangrene of the skin, with particular reference to haemolytic streptococcus gangrene and bacterial synergistic gangrene. *Surg. Gyn. Obst.*, 1933, 56: 847-67.—**Milian, G.** Le bacille de la gangrène cutanée. *Paris méd.*, 1930, 75: 68-74.—**Milian, M.** Recherche du bacille de la gangrène cutanée. *Bull. Soc. fr. derm. syph.*, 1930, 37: 1159; 1933, 40: 264.—**Mintzer, I. J.** Pyoderma gangraenosa, onychogryphosis and onycholysis with ulcerative colitis. *Arch. Derm. Syph.*, Chic., 1939, 40: 541-3.—**Most, A.** Ueber nekrosierende Hautentzündungen. *Beitr. klin. Chir.*, 1927, 140: 213-9.—**Nativelle, R.** Un bacille des gangrènes cutanées. *Ann. Inst. Pasteur, Par.*, 1930, 45: 169-202.—**Peruccio, L.** Studio sperimentale di un caso di gangrena cutanea d'origine streptococica. *Dermosiflografo*, 1937, 12: 282-6.—**Probst, J. G., & Heifetz, C. J.** Acute hemolytic streptococcal gangrene of skin and subcutaneous tissue. *J. Missouri M. Ass.*, 1938, 35: 115-8.—**Purser, F. C.** An epidemic of gangrenous dermatitis. *Tr. R. Acad. M. Ireland*, 1912, 30: 17-29.—**Rabut, R.** Gangrène cutanée et syphilis. *Sem. hôp. Paris*, 1930, 6: 25-7.—**Renaud, M., & Bordes.** Gangrènes cutanées en plaques d'apparition spontanée curables et récidivantes. *Bull. Soc. méd. hôp. Paris*, 1932, 3. ser., 48: 643-5.—**Sáinz de Aja, E. A.** Dermis estafilococica polimorfa gangrenosa. *Rev. clin. Madrid*, 1913, 9: pt 2, 50-62.—**Sézary, A., & Lévy, G., & Bouwens, G.** Gangrène progressive aiguë post-ecthymateuse. *Bull. Soc. fr. derm. syph.*, 1939, 46: 329-32.—**Stümpke, G., & Schoop, G.** Spielt das von Milian beschriebene Bakterium der Hautgangrän (bacille de gangrène cutanée) bei gangränösen oder Granulationsprozessen der Haut eine wichtige Rolle? *Arch. Derm. Syph.*, Berl., 1932, 166: 152.—**Touraine, A., Lortat-Jacob, E., & Camus, P.** Gangrène microbienne insulaire bénigne de la peau. *Bull. Soc. fr. derm. syph.*, 1939, 46: 15.—**Touraine, A., Lortat-Jacob, E., & Néret.** La gangrène microbienne insulaire bénigne de la peau. *Ibid.*, 1938, 45: 1022-6.—**Touraine, A., & Néret.** Gangrène insulaire bénigne de la peau. *Ibid.*, 1939, 46: 698.—**Troitsky, A. A.** [Progressive gangrene of the skin] *Arkh. biol. nauk*, 1935, 52: No. 3, 137-48. — [Diagnosis and treatment of progressive gangrene of the skin] *Soviet. med.*, 1939, No. 6, 21-4.—**Vohwinkel, K. H.** Beitrag zur Kenntnis der trophoneurotischen Hautgangrän. *Arch. Derm. Syph.*, Berl., 1926, 152: 75-80.—**Wilson, H. W.** Necrotic dermatitis in horses and mules. *Vet. Med.*, Chic., 1924, 19: 549.

cutaneous, multiple.

Bode, H. G. Ein Beitrag zur Kenntnis der multiplen (neurotischen) Hautgangrän. *Arch. Derm. Syph.*, Berl., 1933, 168: 274-95.—**Castex, M. R., & Di Cio, A. V.** Consideraciones acerca de un caso de gangrena cutánea múltiple simétrica. *Rev. As. méd. argent.*, 1937, 51: 365-9. Also *Urol. Cut. Rev.*, 1939, 43: 407-9.—**Davies, J. H. T.** Multiple gangrene of the skin: a report of 3 cases. *Brit. J. Derm. Syph.*, 1933, 45: 341-5.—**Finkelstein, H.** Ueber eine Beobachtung von multipler Hautgangrän. *Derm. Wschr.*, 1932, 94: 405-9.—**Haxthausen, H.** Multiple gangrene of the skin. *Hospitalstidende*, 1935, 78: [Dansk. derm. selsk. forh.] 36-8.—**Krantz, W.** Artefakte und multiple neurotische Hautgangrän. *Med. Klin.*, Berl., 1939, 35: 1001-3.—**Nikiforov, I. V.** [Multiple gangrene of the skin] *Russ. J. kozhn. vener. bolez.*, 1910, 20: 363-6.—**Photinos, G., & Relias, A.** Etude expérimentale d'un cas de gangrène cutanée multiple due au bacille de Milian. *Bull. Soc. fr. derm. syph.*, 1934, 41: 1747-50.—**Pisani, E.** Gangrene multiple e primitiva della cute. *Rass. internaz. clin. ter.*, 1927, 8: 114-21.—**Sneathlage, A.** [Multiple, neurotic (?) skin gangrene] *Ned. tschr. geneesk.*, 1936, 80: 1040-2.

cutaneous: Nicolau's type [Livedoid dermatitis]

LEROY, J. *La dermite livédoïde et gangréneuse de Nicolau. 91p. 8°. Par., 1931.

Fernet, P. La dermite livédoïde et gangréneuse de Nicolau. *Médecine, Par.*, 1927-28, 9: 1098-102.—**Gate, J., Collaret, P., &**

Chanal, G. Dermite livédoïde de la fesse étendue à l'hémigland du même côté. *Bull. Soc. fr. derm. syph.*, 1936, 43: 1346.—**Gaté, J., & Michel, P. J.** Dermite livédoïde. *Ibid.*, 1934, 41: 180-2.—**Touraine, A., & Golé, L.** Dermite livédoïde de Nicolau (type bénin de Freudenthal, en exanthème embolique passager) *Ibid.*, 1936, 43: 133-6.—**Weissenbach, R. J., & Brocard, H.** Un accident des injections intra-fessières qu'il faut bien connaître; la dermite livédoïde de Nicolau. *Hôpital*, 1936, 24: 376-9.

cutaneous, postoperative and progressive.

See also *Cellulitis; Erysipelas.*

JAUME, G. *Contribution à l'étude de la gangrène postopératoire progressive de la peau. 72p. 8°. Lyon, 1937.

Andersen, K. M. [Postoperative skin and wound gangrene] *Hospitaltidende*, 1936, 79: 809-12.—**Antonoli, G. M.** Contributo clinico sulla gangrena post-operatoria della cute e sul suo trattamento. *Gazz. osp.*, 1940, 61: 99-104.—**Baker, W. H., & Terry, C. C.** A case of postoperative progressive gangrene of the skin. *J. Am. M. Ass.*, 1932, 98: 138. Also repr.—**Ballin, M., & Morse, P. F.** Progressive postoperative gangrene of the skin. *Am. J. Surg.*, 1931, n. ser., 11: 81-7. Also repr.—**Barbier, A.** Propos de la gangrène post-opératoire progressive de la peau. *Mém. Acad. chir.*, Par., 1938, 64: 1208.—**Blaxland, A. J.** Progressive post-operative gangrene of the skin. *Brit. M. J.*, 1935, 2: 336.—**Brewer, G. E., & Meloney, F. L.** Progressive gangrenous infection of the skin and subcutaneous tissues, following operation for acute perforative appendicitis; a study in symbiosis. *Ann. Surg.*, 1926, 84: 438-50.—**Brocard, H., & Pham, H. C.** Sur un bacille anaérobie isolé dans 2 cas d'érysipèle gangréneux: *Bacillus terebrans*. *C. rend. Soc. biol.*, 1934, 117: 997-9.—**Calzolari, T.** La gangrena post-operatoria progressiva della cute. *Gazz. osp.*, 1937, 58: 944-7.—**Coakley, W. A., & Klein, S.** Progressive postoperative gangrene of skin: report of case. *Am. J. Surg.*, 1936, 33: 287-50.—**Colledge, I.** Post-operative gangrene of the skin. *J. Lar. Otol.*, Lond., 1937, 52: 546-8, pl.—**Cox, H. T.** Progressive post-operative cutaneous gangrene. *Brit. J. Surg.*, 1935-36, 23: 576-9.—**Diebold, O.** Kurzer Beitrag zum Krankheitsbild der postoperativen fortschreitenden Hautnekrose. *Zbl. Chir.*, 1934, 61: 841-4.—**Hicken, N. F.** Infectious gangrene of the skin due to bacterial synergism with particular reference to noma and postoperative cutaneous gangrene. *Arch. Surg.*, 1933, 31: 253-65.—**Hoche, O.** Zum Bild der postoperativen, fortschreitenden Bauchdeckenphlegmone unter Berücksichtigung des sogenannten Hospitalbrandes. *Zbl. Chir.*, 1933, 60: 1458-60.—**Jachia, A.** Gangrena cutanea progressiva postoperatoria. *Arch. ital. chir.*, 1938, 52: 556-60.—**Johnson, E. C.** Progressive postoperative gangrene of the skin. *Hosp. News*, Wash., 1939, 6: No. 15, 6-15, 3 fig.—**Kappis, M.** Eine eigenartige, von Operationswunden ausgehende, fortschreitende Hautnekrose. *Beitr. klin. Chir.*, 1932, 155: 179-200.—**Küppers, H.** Ein Fall von postoperativer, progressiver Hautnekrose. *Zbl. Chir.*, 1935, 62: 378-80.—**Liedberg, N.** Zur Frage der postoperativen, fortschreitenden Hautgangrän nach Eingriffen an Bauch und Thorax. *Acta chir. scand.*, 1935-36, 77: 354-77. — Ein weiterer Fall von progredirender Hautgangrän. *Ibid.*, 378-82. Also *Sven. läk. tidn.*, 1936, 33: 1071-5.—**Lindahl, J. W. S. H.** Progressive post-operative gangrene of the skin: a description of 2 cases. *S. Thomas Hosp. Rep.*, Lond., 1936, 2. ser., 1: 185-91.—**Mester, A.** Progressive postoperative gangrene of skin; report of a case. *Am. J. Surg.*, 1940, 47: 660-5.—**Nightingale, H. J., & Bowden, E. C.** Progressive post-operative cutaneous gangrene. *Brit. J. Surg.*, 1934, 22: 392-5.—**Patterson, H. A.** Progressive post-operative cutaneous gangrene. *Ann. Surg.*, 1932, 96: 1091-7.—**Probst, J. G., & Seelig, M. G.** The treatment of postoperative progressive gangrenous infection of the skin and subcutaneous tissue with blood from immunized donors. *Surg. Gyn. Obst.*, 1928, 47: 247-51.—**Progressive gangrene round operation wounds.** *Lancet*, Lond., 1936, 1: 494.—**Santy, P.** Gangrène cutanée postopératoire. *Lyon chir.*, 1936, 33: 728-30.—**Schlink, H. H., & Thomson, E. F.** Progressive post-operative gangrene of the skin. *Med. J. Australia*, 1935, 2: 625-7.—**Shipley, A. M.** Progressive gangrenous ulceration of the abdominal wall. *Ann. Surg.*, 1928, 87: 245-9.—**Stewart-Wallace, A. M.** Progressive post-operative gangrene of skin. *Brit. J. Surg.*, 1934-35, 22: 642-56. Also *Proc. R. Soc. M.*, Lond., 1936-37, 30: 681-3.—**Sussli, L.** Gangrena postoperatoria progrediente della cute. *Ann. Ital. chir.*, 1937, 16: 485-504.—**Syme, G. R. A., & Bryce, L.** Progressive post-operative gangrene of the skin. *Clin. Rep. Melbourne Hosp.*, 1936, 7: 108-12, pl.—**Tixier & Pollosson.** Gangrène postopératoire progressive de la peau. *Lyon chir.*, 1936, 33: 709-14.—**Touraine, A., & Duperrat, R.** Note historique et histologique sur la gangrène post-opératoire progressive de la peau. *Bull. Soc. fr. derm. syph.*, 1938, 45: 1856-8. — La gangrène post-opératoire progressive de la peau. *Ann. derm. syph. Par.*, 1939, 7. ser., 10: 257-85. Also *Presse méd.*, 1939, 47: 131.—**Ugón, V. A., & Cantón, R.** Gangrena progresiva post-operatoria de la piel. *Bol. Soc. cir. B. Aires*, 1936, 20: 860-6.—**Wachs, E.** Zur Kenntnis der fortschreitenden Hautnekrosen. *Beitr. klin. Chir.*, 1937, 165: 564-71.—**Wakeley, C. P. G., & Willway, F. W.** Progressive post-operative gangrene of the skin: recovery without operation. *Brit. J. Surg.*, 1937-38, 25: 451-3.—**Walker, F. H. A.**

A case of progressive post-operative gangrene of the skin. *Berkshire Hosp. Rep.* (1936-37) 1938, 95-8.—**Werwath.** Zur Entstehung und Behandlung postoperativer fortschreitender Hautgangrän (phlegmonöses Erysipel). *Zbl. Chir.*, 1939, 66: 2169; 170: 235.—**Wilmoth, P.** Gangrène cutanée post-opératoire à tendance progressive. *Mém. Acad. chir.*, Par., 1938, 64: 1342-4. Also *Presse méd.*, 1939, 47: 1397.

Diagnosis.

Ipsen, J. [Examination of blood circulation with special regard to the arteries and in gangrene] *Hospitaltidende*, 1932, 75: 1067-94.—**Maes, U.** The differential diagnosis of gangrene. *Internat. Clin.*, 1934, 44. ser., 1: 173-81, 2 pl.—**Panchenko, D. I.** [The knee phenomenon and its significance in diagnosis of pre-gangrenous states] *Nevropat. psikiat.*, Moskva, 1937, 6: No. 6, 52-8.—**Wile, U. J., & Belote, G. H.** Superficial gangrene (traumatic? factitious?) *Arch. Derm. Syph.*, Chic., 1939, 40: 683.

dry.

See also *Arteriosclerosis; Mummification.*

Conrozier & Delage. Un cas de guérison d'une gangrène sèche par la radiothérapie de la région surrénale. *Bull. Soc. radiol. méd.*, France, 1933, 21: 143-6.—**Sharkovsky, I. A.** [Dry gangrene as complication caused by use of adrenalin] *Vest. oft.*, 1939, 14: 116.—**Zimmern, Chavany, J. A., & Brunet, R.** La radiothérapie surrénale dans les gangrènes sèches. *Bull. Soc. méd. Paris*, 1931, 595-602. Also *J. radiol. électr.*, 1931, 15: 325-31, pl. Also *Presse méd.*, 1931, 39: 1061-6. Also *Strahlentherapie*, 1932, 43: 82-93.

Etiology.

See also *Allergy; Diabetic; Endarteriitis obliterans; Thrombosis, &c.*

WÖRRLEIN, B. *Ein Fall von embolischer Gangrän nach Embolienjektion (medikamentöse Hautembolie nach Freudenthal) [Erlangen] 45p. 8°. Bayreuth, 1929.

Blumberger, K. Die Gangrän beim Scharlach und der Diphtherie. *Arch. Kinderh.*, 1935-36, 107: 154-63.—**Boas, H.** Ausgedehnte infektiöse Gangrän der Haut auf arteriosklerotisch-diabetischer Basis. *Derm. Wschr.*, 1930, 91: 1171-3.—**Geuner, V.** [Extensive infectious gangrene of skin due to arteriosclerosis and diabetes] *Hospitaltidende*, 1930, 73: [Dansk derm. selsk. forh.] 13-6.—**Gruber, G. B.** Gefäßstörung und Gangrän. *Verh. Deut. Ges. Kreislaufforsch.*, 1931, 4: 101-29. Also *Zschr. Kreislaufforsch.*, 1931, 23: 537; 573.—**Gussev, V.** Ueber eine eigenartige Gangränkrankung. *Zbl. Chir.*, 1933, 60: 267-9.—**Gutzeit, R.** Brand durch Venensperre. *Münch. med. Wschr.*, 1936, 83: 1628-30.—**Just, W.** Brand durch Arterienverkalkung. *Hippokrat.*, Stuttgart, 1936, 7: 187-9.—**Leriche, R., & Michon, L.** Les gangrènes d'origine artérielle d'après les travaux russes contemporains. *Arch. mal. cœur*, 1924, 17: 752-60.—**Montel & Mousseron.** Un cas de gangrène subaiguë mortelle; recherches étiologiques; rôle de l'ingestion d'eau de mer malpropre. *Paris méd.*, 1929, 71: 508-15.—**Pringle, J. H.** Massive ischaemic gangrene with thrombosis of veins and patent arteries. *Glasgow M. J.*, 1938, 129: 126-30.—**Puchulu, F.** Gangrena por arterioesclerosis. *Dia méd.*, B. Air., 1934-35, 7: 815-7.—**Ungureanu, V.** [Cases of frequent gangrene among sailors] *Rev. št. med.*, Bucur., 1930, 19: 277-94.

experimental.

THALMANN, E. [W. H.] *Experimenteller Beitrag zur Gangränforschung [Leipzig] 36p. 8°. [Zeulenroda, 1930]

Brooks, B., Johnson, G. S., & Kirtley, J. A., jr. Simultaneous vein ligation; an experimental study of the effect of ligation of the concomitant vein on the incidence of gangrene following arterial obstruction. *Surg. Gyn. Obst.*, 1934, 59: 496-500.—**Schwan, H.** Experimentelle Gangrän durch Wärmestauung und Anästhesie. *Münch. med. Wschr.*, 1938, 85: 1546.—**Smith, A. H., & Bogin, M.** Experimental gangrene produced by dietary means. *Am. J. Path.*, 1927, 3: 67-74.—**Weller, C. V.** The experimental production of lead gangrene in guinea pigs. *Proc. Soc. Exp. Biol.*, N. Y., 1925-26, 23: 37.—**Witebsky, E., & Salm, H.** Production of hemorrhagic necrotic skin lesions in the rabbit by means of *Hemophilus influenzae* and *Hemophilus pertussis*. *J. Exp. M.*, 1937, 64: 43-57. Also repr.

fulminant.

Masia, A. Gangrena fulminante della bocca, dei genitali esterni e della vagina in una ragazza ventenne (osservazioni cliniche, anatomo-patologiche e bacteriologiche) *Dermosifilograf.*, 1926, 1: 190-201. Also *Gior. ital. derm. sif.*, 1926, 67: 863.—**Sánchez Palacián, C.** Del empleo del alcohol absoluto en las gangrenas fulminantes. *Siglo méd.*, 1924, 74: 602-6.

hospital [nosocomial]

BUNSE, A. W. *Zur Kasuistik der Nosocomialgangrän. 16p. 8°. Münch., 1926.

VIDAL DA GAMA, A. B. *Algumas palavras acerca da podridão de hospital. 69p. 12° Lish., 1873.

Best, F., & Diel, W. Unsere Erfahrungen mit Granugenel bei der Wundbehandlung unter besonderer Berücksichtigung eines schweren Falles von Hospitalbrand. Chirurg, 1937, 9: 301-4.—Hohmeier, F. Hospitalbrand. Zbl. Chir., 1935, 62: 1002-6.—Jaeger, F. Beitrag zur Frage der putriden Wundinfektion: Hospitalbrand? Ibid., 1932, 59: 1744-6.—Philpovicz, I. Ein Fall von Hospitalbrand. Ibid., 1936, 63: 799.—Schutz, O. [Hospital gangrene epidemic in 1850 at Praha] Cas. lék. česk., 1927, 66: 1116-22.

Pathology.

SCHAD, E. *Nachuntersuchungen bei Gangränamputierten [Heidelberg] 19p. 21cm. Würzb., 1937.

Allen, F. M. Local asphyxia and temperature changes in relation to gangrene and other surgical problems. Tr. Ass. Am. Physicians, 1937, 52: 189-94.—Max, O. Phlegmon gangréneux; épidémie; symptômes graves. Presse méd. belge, 1861, 13: 397; 405.—Métivet, G. A propos des phlegmons diffus à tendance gangréneuse. Mém. Acad. chir., Par., 1937, 63: 268.—Mocquot, P. Sur certaines phlegmons diffus à tendance gangréneuse. Ibid., 135-45.—Staemmler, M. Post-traumatische Spätgangrän (Gutachten zur Frage traumatischer Gefäßveränderungen) Deut. Zschr. gerichtl. Med., 1935, 25: 85-92.—Wieting. Ueber einige Nekrose- und Gangränformen. Hamburg. med. Uebersichtshefte, 1914-15, 1: 277-87.

puerperal.

See under Puerperal fever.

senile.

See also Arteriosclerosis.

GUÉRIN, G. A. *Traitement de la gangrène sénile par les injections de sérum chloruré hypertonique. 59p. 8° Par., 1937.

WAYNBERGER, A. *Traitement de la gangrène sénile par le cathétérisme artériel. 56p. 8° Par., 1930.

Aubert, E. De l'amputation haute, méthode de choix, comme traitement de la gangrène sénile infectée à évolution progressive. Arch. fr. belg. chir., 1923, 26: 754-63.—Bowily, A., Handley, W. S. [et al.] The treatment of senile gangrene. Tr. M. Soc. London, 1924-25, 48: 106-17, pl.—Calandra, E. La simpatectomia vasale nella gangrena senile. Arch. Soc. ital. chir. (1922) 1923, 29: 233-5.—Hamant & Bodart. La douleur des gangrènes séniles et la ramiscation lombaire. Rev. méd. est, 1929, 57: 357-62.—Handley, W. S. Periarterial injection of alcohol in senile gangrene. Clin. J., Lond., 1927, 56: 13-6. The treatment of threatened senile gangrene. J. Coll. Surgeons Australasia, 1929, 2: 38-45.—Kaufmann, R. De la gangrène sénile. Gaz. méd. France, 1931, 98-101.—Lewis, D. Senile arteriosclerotic gangrene. Internat. Clin., 1927, 1: 37, ser., 165-7, 2 pl.—Métivet, G. A propos de l'amputation dans la gangrène sénile. Mém. Acad. chir., Par., 1936, 52: 22-4.—Mincione, A. Contributo clinico alla cura della cancrena senile col sistema dell'inversione circolatoria. Med. prat., Nap., 1926, 11: 303-6.—Ramond, L. Gangrène sénile et occlusion intestinale. Presse méd., 1938, 46: 1459.—Snelling, J. G. Senile gangrene; its prophylactic and surgical handling. Tristate M. J., 1933, 5: 1043.

spontaneous.

Bross, W. [On spontaneous gangrene] Med. prakt., Poznań, 1937, 11: 1-18.—Dolinov, V. I. [Remote result of treatment of so-called spontaneous gangrene] Nov. khir. arkh., 1940, 45: 230-8.—Helman, I. G., & Braun, S. B. [Pathogenesis of spontaneous gangrene] Mosk. med. J., 1926, 6: 19-28, pl.—Karatsu, E. Klinische und experimentelle Studie über die Spontangangrän. Jan. J. M. Sc., 1934-36, 4: Surg., 317-9.—Koga, S. Spontane Gangrän und adrenalinähnliche Substanz im Blute. Verh. Jap. chir. Ges., 1932, 33: 24.—Kosdoba, A. S. Zur Frage nach der Rolle der Infektion in der Pathogenese des sogenannten spontanen Gangröns. Mitt. Grenzgeb. Med. Chir., 1930-31, 42: 263-70.—Mamedov, Z. [Treatment of spontaneous gangrene with Rasumovsky's alcoholization] J. teor. prakt. med., 1929, 3: 187-90.—Moldawski, J. Zur Frage der Aetiologie des Spontanbrandes. Zschr. klin. Med., 1926, 104: 817-9.—Nazarov, V. M. Opération combinée dans la gangrène spontanée. J. internat. chir., Brux., 1939, 4: 497-508.—Nishio, H. Erforschung über Spontangangrän. Arch. jap. Chir., 1938, 15: 388.—Onaca, N. Contributions à l'étude de la gangrène spontanée. Rev. chir., Par., 1932, 70: 461-75.—Panchenko, D. I. [Certain peculiarities of neuritis in spontaneous gangrene] Nevropat. psikiat., 1938, 7: No. 7-8, 34-42. Also Ann. anat. path., Par., 1938, 15: 1013-24.—Paprockas, V. [Spontaneous gangrene] Medicina, Kaunas, 1939, 20: 882-90.—Sharapov, B. I. [Changes in the parasympathetic nervous system in spontaneous gangrene] Vrach. delo, 1929, 12: 723-5.—Stoyanov, F. D. [Fango-

therapy in the treatment of spontaneous gangrene] Klin. med., Moskva, 1929, 7: 370-3.—Tanahasi, R. Knochenmark bei spontanem Gangrän und bei Gasgangrän. Nagoya J. M. Sc., 1938, 12: 127-37, 2 pl.

Treatment.

KRAL, H. *Kritische Betrachtungen zum Problem der Gangränbehandlung [Leipzig] 31p. 23cm. Plauen, 1936.

Bousfield, P. Ultra-violet irradiation in gangrene. Lancet, Lond., 1927, 1: 1023.—Christensen, H., & Hansen, S. [Treatment of gangrene] Hospitalstidende, 1938, 81: 918-32.—Fraser, J. Threatened gangrene. Clin. J., Lond., 1938, 67: 89-96.—Handley, W. S. The treatment of gangrene. Brit. M. J., 1928, 2: 593. Also Lancet, Lond., 1928, 2: 294. Also Hospitalstidende, 1938, 81: [Dansk kir. selsk. forh.] 51.—Hellstrom, H., & Olin, G. [Gangrene complicated by open sores and injections of medicinal substances] Sven. Läk. tidn., 1938, 35: 967-1069.—Horsley, J. S. Certain symbiotic bacterial infections producing gangrene, with special reference to the principles of treatment. Tr. South. Surg. Ass., 1932, 44: 84.—Meshchaninov, A. I. [Use of brilliant green in operations] Vrach. delo, 1934, 17: 337.—Meyer, O. Eine neue Methode zur Behandlung der feuchten Gangrän und zur Verhütung hoher Amputationen. Münch. med. Wschr., 1936, 83: 1172.—Morales, J., Quillin, E. S., & Gutzeit, C. L. Treatment of pus and gangrenous cases. U. S. Patent Off., 1937, No. 2,081,119.—Nappi, P. Processi gangrenosi ed influenza con appunti di ormonoterapia. Rass. clin. ter., 1927, 26: 155-61.—Paula Braga, J. Do tratamento das infecções gangrenosas pelos arsenobenzóis. Brasil med., 1927, 41: 1182.—Peyri, J. Conducta que debe seguirse ante una gangrena. Arch. med., Madr., 1928, 29: 363-6.—Regnier, E. A. The treatment of arteriosclerotic gangrene and allied trophic disorders. Minnesota M., 1928, 11: 455-60.—Rodríguez Feo, J. A., & Díaz, M. Sobre un caso de gangrena septica con gran esfacelo tratado por el extracto de larvas de moscas. Rev. méd. cubana, 1936, 47: 811-5. Also Crón méd., Lima, 1937, 54: 223-7.—Rosenbaum, A. [Application of Acetylcholin Roche in treatment of gangrene and post-gangrenous pain] Polska gaz. lek., 1939, 18: 618.—Sylvan, F. Heilgymnastische Behandlung von Gangrän. Deut. med. Wschr., 1935, 61: 675-7. Also Med. Klin., Berl., 1936, 32: 118-20. Also Naturärztl. Rdsch., 1938, 10: 136-8.—Takáts, G. Gangrene. Surg. Clin. N. America, 1935, 16: 317-36.—Thomas, R. P., jr. Action and uses of Castilian malva solution in infectious, necrotic and gangrenous lesions. Texas J. M., 1939-40, 35: 403-7.—Verreault, J. E. Notes et observations concernant la sérothérapie dans les affections gangréneuses chirurgicales. Bull. méd. Québec, 1927, 28: 97-105.—Welcker, A. [New treatment for trophic disorders in threatening neurotic gangrene] Ned. tschr. geneesk., 1933, 77: 1972-87.—Zimmern, A., & Brunet, R. Radiothérapie surrénale dans les gangrènes artérielles. Bull. Soc. radiol. méd. France, 18: 56-60, 2 pl.

in children.

Cibils Aguirre, R., Calcarami, J. R., & Lucero Funes, A. Gangrena simétrica de las extremidades en un recién nacido. Arch. argent. pediat., 1939, 12: 125-39.—Epstein, B. Punktiforme Verschorfung der Haut bei Bädern mit Zusatz von Kalium hypermanganicum. Mschr. Kinderh., 1927, 37: 41-4, pl.—Fucci, A. Sopra un caso di grave cancrena cutanea con esito letale in una bambina, per l'applicazione di un cataplasma lievemente senapizzato. Prat. pediat., Genova, 1928, 6: 293-301.—González Uruena, J. Gangrène cutanée infantile familiale. Bull. Soc. fr. derm. syph., 1938, 45: 864-9.—Hosmer-Zambelli, F. Su di un raro caso di necrosi circoscritta della cute, a localizzazione unica, primitiva in un neonato. Atti Accad. fisiocr. Siena, 1930, 10, ser., 5: 82-5.—Lawrence, R. D., & McCance, R. A. Gangrene in an infant associated with temporary diabetes. Arch. Dis. Childh., Lond., 1931, 6: 343-56.—Lévy, G. Sur un cas de gangrène cutanée chez un nouveau-né. Bull. Soc. obst. gyn. Paris, 1935, 24: 345. Also Monde méd., 1939, 49: 542-6. Also Nourrisson, 1940, 28: 103-10.—Marquézy, R. A., Héroux, A., & Baguette. Gangrène disséminée de la peau à prédominance digitale chez un nourrisson de cinq semaines. Bull. Soc. pédiat. Paris, 1930, 28: 343-9.—Torraca, L. Le cancrene dei lattanti. Rass. clin. sc., 1939, 17: 3-9.—Trambusti, B. Contributo alla conoscenza delle gangrene simmetriche della cute nell'infanzia. Riv. clin. pediat., 1927, 25: 390-409, 2 pl.—Turquety, R. La gangrène disséminée de la peau dans la première enfance. Méd. inf., Par., 1935, 42: 378-96. Also J. méd. Paris, 1936, 56: 9-13.

GANGUIN, André Jean, 1905—*Etude de l'éthylène; sa formation à partir de l'alcool éthylique; son oxydation [Zürich] 67p. 8° Lausanne, Impr. Rapid S. A., 1933.

GANGULEE [Nagendra] Nath, 1889—Health and nutrition in India. viii, 337p. pl. tab. diagr. 22½cm. Lond., Faber & Faber [1939]

GANIERE, Paul, 1907—*La formation d'un grand chirurgien; le milieu et l'époque dans

l'oeuvre de Dupuytren. 132p. 8°. Par., E. Le François, 1933.

GANN, the Japanese journal of cancer research. Tokyo, v. 13-27, 1919-33; v. 34, 1940.

GANNAL, Jean Nicolas, 1791-1852.

Bomboy, E. [Biography] Progr. méd., Par., 1936, Suppl., 92-5, portr.

GANNAT, Gaëtan, 1899- *La clindigestion dans les ptoses. 52p. 8°. Par., Jouve & cie, 1926.

GANNUSHKIN, Peter Borissovich, 1875-1933.

Edelstein, A. Nekrolog. Arch. Psychiat., Berl., 1933, 100: 424-6.—**Frumkin**, Y. P. [P. B. Gannushkin's clinico-diagnostic method] Sovet. nevropat., 1933, 2: 10.—**Zinoviev**, P. M. [P. B. Gannushkin's scientific works] Ibid., 3-6.

GANOE, William A [ddleman] 1881- The English of military communications. 3 p. l. 197p. 8°. Menasha, Wis., G. Banta Pub. Co. [1918]

GANOT, Stéphane, 1906- *Contribution à l'étude de la syphilis dans la région parisienne en 1930-32. 42p. 8°. Par., Vigot frères, 1933.

GANS, Oskar, 1888- Histologie der Hautkrankheiten; die Gewebsveränderungen in der kranken Haut unter Berücksichtigung ihrer Entstehung und ihres Ablaufs. 2v. x, 656p.; vi, 605p. roy. 8°. Berl., J. Springer, 1925.

See also **Freudenthal**, W., **Gans**, O. [et al.] Allgemeine pathologische Anatomie, Diagnostik [&c.] 556p. 8°. Berl., 1932.

GANSER, HEINZ, 1913- *Ueber die Chemotherapie bei puerperaler Sepsis mit besonderer Berücksichtigung von Prontosil und den gallensauren Alkalien. 15 p. 21cm. Münch., 1938.

GANSER, Sigbert, 1853-1931.

Bresler, J. Dr Sigbert Ganser zum 75. Geburtstag (24 Januar) Psychiat. neur. Wschr., 1928, 30: 29-33.

GANSER'S symptom.

See **Hysteria**; **Psychoneurosis**. For Ganser's syndrome see **Delirious states**.

GANSTER, Franz, 1907- *Kritischer Bericht über M. Orfila's Vorlesungen über gerichtliche Medizin. 12p. 8°. Heidelb., 1934.

GANT, Frederick James, 1825-1905. A guide to the examinations by the conjoint examining board in England; and for the diploma of fellow of the Royal College of Surgeons. 6. ed. xxiii, 336p. 16°. Lond., Baillière, Tindall, & Cox, 1889.

GANTENBEIN, Kaspar. *Hereditäre und konstitutionelle Verhältnisse bei Hypertonie. 34p. 8°. Zür., Gebr. Leemann & Co., 1928.

GANTER, Rudolf, 1906- *Blasendivertikel und ihre operative Behandlung. 27p. 8°. Königsb.-Pr., J. Raabe, 1931.

GANTHONY, Robert. Practical ventriloquism and its sister arts; a revelation in vocal phonetics. 2. ed. xii, 162p. 12°. Lond., Bazaar, Exchange & Mart Off. [1906]

GANTKOWSKI, Pawel, 1869-1938.

Matuszewski, R. E. [Obituary] Warsz. czas. lek., 1938, 15: 757.—**Szulc**, T. [Obituary] Nowiny lek., 1938, 50: 629-32, portr.

GANTMANN, Jakob, 1908- *Fort-schritte in der Behandlung von Haut- und Geschlechtskrankheiten in den letzten Jahrzehnten. 31p. 8°. Berl., P. Brandel, 1935.

GANTT, William Andrew Horsley, 1892- A medical review of Soviet Russia. 2 p. l. 112p. 8°. Lond., Brit. Med. Ass., 1928.

— Russian medicine. xiii, 214p. illust. portr. 16°. N. Y., P. B. Hoeber, 1937.

Also translator: **Lurija**, Aleksandr Romanovich. The nature of human conflicts [&c.] 431p. 8°. N. Y. [1932]

GANTZ, Bruno, 1911- *Ueber das Zusammenwirken von Coffein und Natrium-salizylat auf die Bildung und Spaltung von

organischen Phosphorsäuren [Münster] 15p. 8°. Werne-Lippe, F. Grube, 1935.

GANTZ, Hyman A., 1906- *Spinal anaesthesia [Marquette Univ.] 42p. 8°. Chic., 1932.

Typewritten.

GANUSEVICIUS, Julius, 1858-1934.

Jarašius, J. [Obituary] Medicina, Kaunas, 1934, 15: 245-50.

GANZ, Edgar.

Editor of **Karlsbad**. Aerztliche Vorträge. Internationaler ärztlicher Fortbildungskursus mit besonderer Berücksichtigung der Balneologie und Balneotherapie; 1930-35. 3v. 8°. Karlsbad, 1931-36.

GANZ, Ernst, 1904- *Die Grippeepidemie 1933 in Zürich [Zürich] 17p. 8°. Basel, B. Schwabe & Co., 1933.

Also Schweiz. med. Wschr., 1934, 64:

GANZENMUELLER, W. Die Alchemie im Mittelalter. 240p. illust. 19½cm. Paderborn, Bonifacius-Druckerei [1938]

GAPEWORM.

See **Syngamus**.

GAPINSKI, Eduard, 1905- *Ueber die Rapoport'sche Funktionsprüfung der Leber [Rostock] 11p. 22cm. Düsseld., G. H. Nolte, 1937.

GAPSKI, Georg, 1908- *Ueber das Haematolymphangiom der Zunge. 15p. 5 pl. 8°. Königsb.-Pr., Gebr. Wetzki, 1936.

GAQUIERE, André Paul Emile, 1909- *Résultat du traitement chirurgical dans 45 formes graves de cardio-thyréoses [Paris] 272p. 8°. Blois, Soc. Anon. Blésoise, 1936.

GARAGE.

See also **Automobile**; **Carbon monoxide**.

Burnham, G. M. Recommendations for controlling health hazards in garages and automobile repair shops. J. Indust. Hyg., 1925-26, 7: 254-60.—**Houghten**, F. C., & **McDermott**, P. Carbon monoxide distribution in relation to the ventilation of a one-floor garage. Tr. Am. Soc. Heat. Ventil. Engin., 1932, 38: 425-38.—**Lutenberger**, K. Garagenbrände in Deutschland im 1. Halbjahr 1928. Zschr. Gewerbehyg., 1929, 35: [Fabriksfeuerw.] 3.—**Mensing**, P. Lüftungsfragen in Einstellräumen und Instandsetzungswerkstätten für Kraftfahrzeuge. Gesundh. Ingenieur, 1937, 60: 39.—**Müller**, B. Die zweckmässigste Anordnung von Be- und Entlüftungsanlagen für Kraftwagenhallen. Ibid., 1928, 51: 444. — Der Sprinklerschutz in Grosskraftwagenhallen. Ibid., 761. Ueber Garagen-Be- und Entlüftung. Zschr. Gewerbehyg., 1929, 35: [Fabriksfeuerw.] 1. — Behördliche Bestimmungen über den Bau von Klein-Garagen und Vorschläge zur Beseitigung von Giftgasen durch selbsttätige Lüfter. Zbl. Gewerbehyg., 1930, n. F., 7: 17-9.—**Müller**, E. Die Notwendigkeit des Einbaues von Benzinabscheidern. Gesundh. Ingenieur, 1939, 62: 66-8.—**Siebert**, G. Kohlenoxydgasvergiftungen in Garagen. Umschau, 1927, 31: 1069.—**Zanger**, H. Ueber Unfälle in Autogaragen und die diagnostischen und rechtlich-medizinischen Aufgaben. Deut. med. Wschr., 1929, 55: 21.—**Zaps**. Zusammenstellen von elektrisch betriebenen Kraftwagen mit Benzinfahrzeugen in einer Kraftwagenhalle. Zschr. Gewerbehyg., 1929, 35: [Fabriksfeuerw.] 2; 8.—**Zimmermann**, F. Ueber Mineralölabscheider (Benzinabscheider) Gesundh. Ingenieur, 1932, 55: 73; 89.

GARAMPAZZI, Carlo, 1862-1936.

F. P. [Necrologio] Osp. maggiore Novara, 1936, 13: 154-8, portr.

GARAND, Olivier, 1897- *Le syndrome catatonique en rapports avec quelques maladies infectieuses; étude clinique. 224p. 8°. Par., Libr. méd. sc., 1929.

GARAT, Justo U. La mortalidad infantil en la Provincia de Buenos Aires. 62p. 4°. La Plata, Christmann & Crespo, 1910.

GARBAGE.

See also **Refuse**; **Waste**.

LEVIEL, R. *Les ordures ménagères; leur enlèvement; leur nocivité; leur traitement. 115p. 8°. Montpel., 1912.

Findings of garbage survey. Toledo City J., 1936, 21: 293.—**Humery, R.** Les ordures ménagères de la région parisienne. Techn. san. mun., Par., 1935, 30: 154-6.—**Jemina, E.** Le spazzature di Torino. Riv. ingegn. san., 1908, 4: 240; 258; 269; 305.—**Kern, E.** Les ordures ménagères au Maroc. Caducée, 1913, 13: 64-6. Also Tr. Internat. Congr. Hyg. Demogr. (1912) 1913, 15. Congr., 4: 406-16.—**Martin, M. F.** Les ordures ménagères. Ann. hyg., Par., 1936, n. ser., 14: 284-308.

Can, and other receptacle.

Chukerbuti, J. C. A cheap sanitary trap. J. R. Army M. Corps, 1937, 69: 121-3.—**Clouet, P.** La nouvelle benne à ordures ménagères à remplissage mécanique et compression des ordures, mise en service à la Ville de Paris. Techn. san. mun., Par., 1935, 30: 123-6.—**Collins, A. G.** Garbage receiver and sink strainer, combined. U. S. Patent Off., 1914, No. 1,083,990.—**Groppali, M.** Sui requisiti igienici dei recipienti usati per la raccolta ed il trasporto delle spazzature. Gior. Soc. ital. igiene, 1913, 54: 36-46.—**McMurdo, H. B.** Oversized lids for garbage cans. Mil. Surgeon, 1939, 84: 610-2.—**Quine, R. H.** Corporations and controlling specifications for household refuse receptacles. Med. Off., Lond., 1912, 6: 51.

Collection.

GUTHERZ, M. *Geschichtlicher Ueberblick der Abfallbeseitigung der Stadt Basel [Basel] 51p. 8°. Frauenfeld, 1928.

HARDOUIN, P. *Contribution à l'étude de l'évacuation des ordures ménagères dans le milieu urbain. 56p. 8°. Par., 1932.

Bard, L. Evacuación de los excreta urbanos; basuras domésticas. Siglo méd., 1931, 88: 487-9.—**Brechof.** Mesure générale d'hygiène prophylactique. C. rend. Congr. internat. assain. salub. habitat. (1906) 1907, 2. Congr., 370-84. — Enlèvement et transport des ordures ménagères. Ibid., 743-7.—**Carøe, K.** [The night renovation of Copenhagen 1890-94] Tskr. sundhpl. Kbh., 1894-95, 4: 72-86.—**Edwards, W. H.** Advantages and disadvantages of day and night collection of municipal waste. Am. J. Pub. Health, 1914, 4: 572-4.—**Elliott, G. H., jr.** The collection and removal of garbage in Baltimore. Baltimore Health News, 1937, 14: 112-4.—**Imbeaux, E.** L'entraînement des ordures ménagères par les égouts (derniers essais faits dans les villes des Etats-Unis) Rev. hyg., Par., 1937, 59: 576-80.—**Kesselburg, C. D.** Erkrankungen im Müllkutschergewerbe. Arbeiterschutz, 1935, 61-4.—**Lefèvre & Robin.** Collecte, évacuation et traitement des ordures ménagères à Douala, Cameroun; application de la décharge contrôlée. Ann. hyg., Par., 1939, n. ser., 17: 121-39.—**Morse, W. F.** The collection of municipal waste. Am. J. Pub. Health, 1914, 4: 564-71.—**Ordures (Les) ménagères;** leur enlèvement, leur transport, leur utilisation. Bull. gén. théor., 1909, 158: 273-80.—**Ouglov, V.** [Current systems of removing garbage and dust in Germany] Profil. méd., Khar'kov, 1927, 6: 8-9, 72-80.—**Partridge, M.** Les décharges contrôlées d'ordures ménagères. Ann. hyg., Par., 1937, n. ser., 15: 88-97.

Disposal.

Anger, J. Traitement des ordures ménagères et boues d'égouts. Techn. san. mun., Par., 1934, 29: 235-44.—**Boucher, S.** Disposition des rebuts; déchets de cuisine. Bull. san. Montréal, 1916, 16: 51-66.—**Carrigg, W. H.** Garbage collection and disposal in Midwest cities. Nation's Health, Chic., 1927, 9: No. 3, 57-9.—**Desclaux, L., Gibert, R., & Guchet, G.** Traitement des ordures ménagères. Ann. hyg., Par., 1940, n. ser., 18: 218-25.—**Developments in garbage disposal.** Toledo City J., 1936, 21: 137.—**Entrican, J.** Some notes on the conservancy of the smaller towns in Burma. Ind. M. Gaz., 1907, 42: 50-2.—**Eubank, J. N.** Collection and disposal of garbage, Richmond, Virginia. J. Am. Ass. Promot. Hyg., 1926, 8: 21-3.—**Ferrel, H. E.** The difficulty of disposal of garbage, especially liquid, in a camp of instruction. Mil. Surgeon, 1907, 20: 493.—**Guardia, C.** ¿Que hacer con las basuras de la ciudad? Bol. Of. san. panamer., 1937, 16: 1054-61, 2 pl.—**Holmquist, C. A.** Is the Beccari system a practical method of garbage disposal for small communities? Pub. Health Bull., Wash., 1926, No. 160, 71-4.—**Howe, H. E.** Progress in garbage reduction. Indust. Engin. Chem., 1927, 19: 608-13.—**Humery, R.** La destruction des ordures ménagères des plages. Techn. san. mun., Par., 1938, 33: 178-86.—**Koon, T. M.** Garbage disposal. N. York M. J., 1912, 96: 122. Also repr.—**Matsuo, J.** Waste, garbage and sewage disposal. In League of Nations Health Org. Japan, 1925, 27.—**Matteson, V. A.** Sterilization of food debris in isolation hospital. Mod. Hosp., 1917, 9: 454.—**Moody, H. F.** The collection and disposal of fish refuse. J. R. San. Inst., 1923-24, 44: 401-4.—**New York City** garbage and refuse disposal controversy. Health News, Albany, 1939, 16: 117.—**Osborn, I. S.** Disposal of garbage by the reduction method. Am. J. Pub. Health, 1912, 2: 937-42. — Effect of the war on the production of garbage and methods of disposal. Ibid., 1918, 8: 368-72.—**Philbert, J.** La destruction sur place des ordures ménagères et la désinfection des matières fécales dans les hôpitaux. C. rend. Congr. internat. (1906) 1907, 2. Congr.,

365-70.—**Poole, L. E.** Garbage collection and disposal in small communities. Am. J. Pub. Health, 1925, 15: 880-3.—**Reichner, M.** Ueber Abfallvernichtung. Techn. Gemeindebl., 1928-29, 31: 218.—**Rudolf, Z.** [Health and disposal of garbage] Polska gaz. lek., 1931, 10: 775.—**Standaert, R.** Les véhicules modernes pour la collecte et le transport des immondices dans les villes. Techn. san. mun., Par., 1933, 28: 231-8. — Les méthodes modernes de garde et d'enlèvement des résidus ménagers dans les villes. Ibid., 1934, 29: 26; 52; 74.—**Tribus, L. L.** Refuse and garbage disposal; a general survey. Am. J. Pub. Health, 1916, 6: 1307-14.—**Velásquez, L.** Las basuras de la ciudad de Lima. Crón. méd., Lima, 1938, 55: 372-82.

Disposal: Fermentation.

Acklin, O. Die Beseitigung und Verwertung der Abfallstoffe. Zbl. ges. Hyg., 1930-31, 23: 97; 117.—**Bordas, J.** Les différents traitements des ordures ménagères; étude d'un procédé de fermentation pour la fabrication du fumier artificiel aseptique et le traitement économique des résidus urbains. Ann. hyg., Par., 1931, n. ser., 9: 237-62. — & **Bordas, F.** Au sujet du traitement des ordures ménagères par la fermentation. Ibid., 1936, n. ser., 14: 360-3.—**Mandoul, H.** Un mode nouveau de traitement des ordures ménagères: les tours de fermentation Boggiano-Pico. Rapp. Congr. internat. hyg. méditer. (1932) 1933, 1. Congr., 2: 715-7.

Disposal: Incineration.

See also **Incinerator.**

ALETRU, J. *Etude d'un problème d'hygiène sociale; la destruction des ordures ménagères par incinération; les procédés français. 116p. Par., 1929.

Also Ann. hyg., Par., 1929, n. ser., 7: 526-37.

MONLOUP, H. *Incinération des excreta et des ordures sans odeur ni fumée (contribution à l'étude de l'hygiène des troupes) 64p. 8°. Lyons, 1907.

Arnold, H. A. An efficient method of disposing of garbage and kitchen refuse by incineration under the camp spider. J. Ass. Mil. Surgeons U. S., 1908, 22: 286-91. Also repr.—**Babaiantz, R. A.** [Garbage incineration in Leningrad] Gig. epidem., 1929, 8: 17-26.—**Cardinaud, M.** L'incinération des ordures ménagères. Techn. san. mun., Par., 1933, 28: 26-9.—**Cree, G.** An incinerator as used at the Station Hospital, Wellington, India for dealing with kitchen refuse and night-soil. J. R. Army M. Corps, 1907, 8: 530-2.—**García Sánchez Facio, R.** La incineración de las basuras. Tr. Panamer. M. Congr. (1931) 1933, 3. Congr., 288-90.—**Gordon, J. B.** Incineration in Washington. Am. J. Pub. Health, 1933, 23: 155-8.—**Hall, P. M.** Cost of incineration. Ibid., 1914, 4: 579.—**Hamilton, H.** Incineration in military stations. Ind. M. Gaz., 1908, 43: 241-3.—**Hering, R.** An investigation of a garbage crematory. Sc. American, 1903, 55: Suppl., 22894-6.—**Joulot, A.** Note sur l'incinération des ordures ménagères de Biarritz. Presse therm. clim., 1929, 70: 557-64.—**Lacomme, L.** Incinération des ordures ménagères. Rev. prat. hyg. mun., Par., 1907, 3: 443-50.—**Lavalle, F. P.** La incineración de las basuras. Sem. méd. B. Air., 1907, 14: 1249; 1313.—**Marquez.** Incinération des ordures ménagères de Clichy pendant la guerre. Rev. hyg., Par., 1915, 37: 34-9.—**Meyer, F.** Die Technik der Verbrennung und Energiegewinnung aus städtischen Abfallstoffen. Gesundheit, Lpz., 1910, 35: 570; 601; 633; 670; 705.—**Otway, A. L.** Simple large-scale incineration in the tropics. J. R. Army M. Corps, 1926, 46: 120-9.—**Scott, W. J.** High temperature incineration of garbage. Connecticut Health Bull., 1935, 49: 281.—**Thiry, G.** Règles essentielles d'hygiène auxquelles il convient de soumettre l'autorisation de construction et de fonctionnement d'une usine d'incinération des ordures ménagères. Rev. méd. est, 1913, 45: 755; 792.

Disposal works.

MICHEL, R. *La destruction des ordures ménagères par la méthode du dépôt contrôlé. 70p. 8°. Par., 1936.

Disposition of garbage in various cities: the installations of some European communities. Sc. American, 1911, 71: Suppl., 22.—**Du Roslan, G. G.** Mise en dépôt des ordures ménagères. Techn. san. mun., Par., 1936, 31: 98-103.—**Fetherston, R. H., & Calder, W.** Notes on the working of city of Prahran refuse destructor. Tr. Australas. M. Congr. (1908) 1909, 8. Congr., 2: 161-75.—**Loveday, W. F.** The design and working of a modern destructor. Proc. Incorp. Ass. Mun. Engin., Lond., 1908-9, 35: 181-99.—**Mahr, H. W., & Kraft, A. C.** Investigations on the nature and elimination of odors and dust from a garbage reduction plant. J. Indust. Chem., 1915, 7: 778-85.—**Martin, F.** Installation d'une usine de traitement des ordures ménagères. Ann. hyg., Par., 1933, n. ser., 11: 370-5.—**Pagliani, L.** Progetto di incenerimento delle spazzature con forno Sterling per la città di Torino. Riv. ingegn. san., 1914, 10: 33; 65.—**Sánchez Agramonte, E.** Informe sobre un nuevo destructor de basuras para la ciudad de la Habana. Rev. méd. cubana, 1911, 19: 326-35.—**Shears, J. A.** The Barren Island garbage and offal

contribution à l'étude des tumeurs de la base du crâne. 225p. 8° Par., A. Legrand, 1927.

— Physiologie normale et pathologique des nerfs crâniens. p.317-635. 8° Par., 1935.

In *Traité physiol. norm. path.* (Roger, G. H. & Binet, L.) Par., 1935, 10:

GARCINIA.

See **Gum** [and resin]

GARDAN.

See **Amidopyrine**; **Phenazone**.

GARDAZ, Emile. *Contribution à l'étude de l'étiologie et du traitement des pseudarthroses congénitales [Lausanne] 47p. 8° Fribourg, Fragnières frères, 1934.

GARDE, Edouard Jean, 1913— *Syringomyélie et traumatismes [Paris] 55p. 24cm. Clermont-Ferrand, Impr. Moderne, 1939.

GARDEL, Germaine, 1901— *L'avenir des hérédo-syphilitiques précocement traités. 102p. 8° Par., A. Legrand, 1925.

GARDEL, René, 1913— *Les tumeurs de la rate chez les animaux domestiques. 88p. 2 pl. 25½cm. Lyon, Bosc frères, 1938.

GARDEMIN, Herbert, 1904— *Die Epiphysennekrose der Mittelfussknochenköpfchen; Köhlersche Erkrankung. p.125-46. 8° Berl., J. Springer, 1932.

Also *Arch. orthop. Unfallchir.*, 1932, 31:

GARDEN, Alexander, 1728-91. [Biography] In *Some Am. M. Botanists* (H. A. Kelly) N. Y., 1929, 60-8, 2 pl., portr. Also *South. M. & S.*, 1938, 100: 621.—**Jenkins, P. G.** Alexander Garden, M. D., F. R. S., colonial physician and naturalist. *Ann. M. Hist.*, 1928, 10: 149-58.

GARDENAL.

See **Barbituric acid**, phenyl-ethyl.

GARDEN [and gardening]

See also **Agriculture**; **Botanic garden**; **Flower**; **Fruit tree**; **Plant**; **Vegetable**.

BALCH, W. B. Home vegetable gardening in Kansas. 45p. 17 figs. 8° [Topeka] 1937.

HEINRICH, E. *Ueber die sozialhygienische Bedeutung der Stadtrandiedlung mit besonderer Berücksichtigung der Siedlung Klein-Masselwitz. 24p. 21cm. Bresl., 1937-38.

MARSDEN, T. A., jr, CLAPP, H. S. & HEPLER, J. R. Your home grounds month by month. 39p. 8° Durham, 1938.

PARSONS, F. L. Roadside marketing of horticultural products in Kansas. 27p. 8° Manhattan, 1938.

PHODE, E. S. The old English gardening books. 144p. 8° Lond., 1924.

UNITED STATES. FEDERAL BOARD FOR VOCATIONAL EDUCATION. Farm gardening as a vocation. 24p. 8° Wash., 1920.

Bäferstedt, B. Berufsdermatose bei Gartenarbeiter. *Acta derm. vener.*, Stockh., 1937, 18: 333.—**Russell, J.** Food from gardens and allotments. *Nature*, Lond., 1940, 145: 11-3.

GARDEN city.

See also **Housing**.

Fischer, A. Die Bedeutung der Gartenstadtbewegung für die Gesundheitspflege. *Gesundheit*, Lpz., 1907, 32: 513-24.

— Die Gartenstadt, die hygienisch beste Siedlung. *Münch. med. Wschr.*, 1907, 54: 1940-3.—**Fuchs.** Die Gartenstadt. *Deut. Vjschr. öff. Gesundheitsp.*, 1908, 40: 91-114.—

Kampffmeyer, H. Stadterweiterung und Gartenstadt. *Zbl. allg. Gesundheitsp.*, 1907, 26: 382-93. — Die Gartenstadtbewegung und ihre Bedeutung für die Volksgesundheit. *Zschr. Balm.*, 1910, 3: 95-9. — Die deutsche Gartenstadtbewegung und ihre Bedeutung für die Volksgesundheit. *Verh. Ges. deut. Naturforsch.* (1911) 1912, 83: 2. Teil, 2. Hälfte, 539-45.—**Mirayakiantz, E. I.** [Hygienic advantages of garden cities] *Gig. epidem.*, 1930, 9: 7-15.

GARDENGHI, Giuseppe, 1875-1930.

Canalis, P. [Necrologio] *Igiene mod.*, 1930, 23: 193.

GARDENIER, A. Standard physiology; with notes on anatomy and hygiene; aid to the injured; disinfectants [etc.] 94p. 16° N. Y., E. L. Kellogg & Co., 1890.

GARDERE, C[harles] 1883— Affections de la plèvre. p.533-605. 8° Par., 1934.

In *Traité méd. des enfants* (Nobécourt & Babonneix) Par., 1934, 3:

GARDERE, Tekla, 1900— *Contribution à l'étude des accidents cutanés de l'aurothérapie: un cas de kératodermie. 41p. 8° Par., M. Vigné, 1931.

GARDES, Jacques, 1916— *Contribution à l'étude des atteintes pleurales non exudatives au cours de la phase primo-secondaire de la tuberculose chez l'enfant. 80p. 25cm. Lyon, Bosc frères, 1939.

GARDETTE, James, 1756-1831.

Viau, G. French dentistry in the United States. *Dent. Cosmos*, 1925, 67: 389-92.

GARDETTE, Paul, 1901— *Contribution à l'étude de l'anesthésie régionale en chirurgie gastrique. 36p. 8° Par., L'Expansion sc. fr., 1930.

GARDEV, Georgi P., 1905— *Ueber Gelenkmäuse. 40p. 8° München, 1929.

GARDIEN, Minna Jourdeuil, 1908— *La vagotonine dans les états anxieux [Lyon] 350p. 8° Nancy, G. Thomas, 1935.

GARDIEN, Pierre, 1905— *Essais de traitement de l'anxiété par la réflexothérapie nasale. 87p. 8° Lyon, Bosc frères, 1934.

GARDINER, Charles Fox, 1857— Care of the consumptive; a consideration of the scientific use of natural therapeutic agencies in the prevention and cure of consumption; together with a chapter on Colorado as a resort for invalids. vii, 182p. 16° N. Y., G. P. Putnam's Sons, 1900.

— Doctor at timberline. 2. print. 315p. illust. pl. 23½cm. Caldwell, Idaho, Caxton Print., 1938.

GARDINER, Elizabeth Greene. Convalescent care in Great Britain. xii, 163p. 8° Chic., Univ. Chicago Press [1935]

Forms No. 34, Social Service Monogr.

GARDINER, Frederick, 1874-1933. Handbook of skin diseases. 2. ed. 248p. 12° Edinb., E. & S. Livingstone, 1924.

For biography see *Edinburgh M. J.*, 1933, n. ser., 40: 560. Also *Proc. R. Soc. Edinburgh*, 1933, 53: 362.

GARDINER, Harold. Physiology and anatomy; with chapters on common diseases and accidents and a list of common medical terms. xiii, 414p. 8° Lond., I. Pitman & Sons, 1926.

GARDINER, Harry Norman, 1855-1927, **METCALF, Ruth Clark,** & **BEEBE-CENTER, John Gilbert.** Feeling and emotion; a history of theories. xiii, 445p. 8° N. Y., Am. Book Co. [1937]

GARDINER, Lillian A. *An analysis of achievement in principles applied to the nursing practice of first year students in schools of nursing [Catholic Univ. of America] vii, 57p. 22½cm. Wash., Catholic Univ., 1938.

GARDINER, Ruth Kimball. Your daughter's mother. 15p. 8° N. Y., 1933.

Forms No. 319, Pub. Am. Social Hyg. Ass.

GARDINI, Ulisse, 1866-1937.

Zarda, G. Commemorazione del Prof. Ulisse Gardini. *Bull. sc. med.*, Bologna, 1937, 109: 177-82.

GARDNER, Arthur Duncan, 1884— Microbes and ultramicrobes; an account of bacteria, viruses and the bacteriophage; with an appendix

by G. R. de Beer. viii, 120p. 16°. Lond., Methuen & Co., 1931.

— Bacteriology for medical students and practitioners. 4 l. 276p. illust. tab. 17cm. Lond., H. Milford, 1933. ALSO 2. ed. 6 p. l. 274p. illust.

GARDNER, Bernice.

See Woodward, Henry L., & Gardner, Bernice. Obstetric management and nursing. 744p. 8°. Phila., 1936.

GARDNER, Charles W. The doctor and the devil; or, Midnight adventures of Dr. Parkhurst. 3 p. l. 115 p. 2 portr. 8°. Vanguard Press, 1939.

GARDNER, Clarence Ellsworth, 1903—

See Calder, Royall Mann, & Gardner, Clarence Ellsworth. Essentials of hospital practice [&c.] 262p. 8°. Durham, N. C., 1934.

GARDNER, Ella. Handbook for recreation leaders. 121p. 8° Wash., 1936.

Forms No. 231, Pub. U. S. Children's Bur.

— Development of a leisure-time program in small cities and towns. 13p. 8° Wash., 1937. Forms No. 241, Pub. U. S. Children's Bur.

GARDNER, Gérard. Recherches sur les spirochétidés dans le district de Montréal. 88p. 8 pl. 8° Par., Ed. méd., 1930.

GARDNER, K. B., & ADAMS, L. A. Consumer habits and preferences in the purchase and consumption of meat. 64p. 8° Wash., 1934. Forms No. 1443, Bull. U. S. Dep. Agr.

GARDNER, Leroy S. [Upson] 1888—

See Baldwin, Edward Robinson, Petrov, S. A., & Gardner, L. S. Tuberculosis, bacteriology [&c.] 342p. 8° Phila., 1927.

GARDNER, Mary Sewall. Public health nursing. 3. ed. xii, 476p. diagrs. 8° N. Y., Macmillan Co., 1936.

GARDNER, Philip Edward, 1888— Review of fundamental subjects; combined with chiropractic laws and state board questions and answers. 238p. 8° Chic., Z. Johnson Co. [1931]

GARDNER, Raymond Erb, 1888—

See Hyde, Roscoe R., & Gardner, Raymond Erb. Laboratory outline in filterable viruses. 85p. 8° N. Y., 1937.

GARDNER, William. Chemical synonyms and trade names; a dictionary and commercial handbook. 4. ed. 495p. 8° Lond., Techn. Press, 1936.

GARDNER, William, 1845—1926.

Chipman, W. W. Obituary. Tr. Am. Gyn. Soc. (1927) 1928, 52: 264-7, portr. ——— Shepherd, F. J. [et al.] [Obituary] Canad. M. Ass. J., 1926, 16: 1284.—Obituary. J. Am. M. Ass., 1926, 87: 1496.

GARDNER, Mass. Gardner State Colony. Annual report. Bost., 1.-20., 1902-22.

GARDINIER César, Yves, 1909— *Les fistules vésico-vaginales post-obstétricales rebelles et leur traitement par les procédés indirects. 53p. 8° Par., Vigot frères, 1935.

GAREL, Jean, 1852—1931.

[Nécrologie] Ann. otolar., Par., 1931, 825-7.—Rivière, A. [Obituary] Otorhinolar. internat., Lyon, 1931, 15: 241-4.

GARELLY, Jacques Jean, 1907— *Contribution à l'étude de la créosote dans les affections broncho-pulmonaires aiguës non tuberculeuses. 87p. 8° Par., L. Arnette, 1936.

GARESCHE, Edward Francis, 1876— A vade mecum for nurses and social workers. Rev. ed. 4 p. l. 184p. pl. 16°. Milwaukee, Bruce Pub. Co. [1926]

— Sodality for nurses; a series of instructions on their nature, their organization, and the methods of conducting their chief activities. 152p. 12°. Milwaukee, Bruce Pub. Co. [1926]

— Soul of the hospital. p. l. 207p. 8° Phila., W. B. Saunders Co., 1928.

— Ethics and the art of conduct for nurses. p. l. 341p. pl. 8° Phila., W. B. Saunders Co., 1929.

GAREZ, Robert, 1909— *Du rôle des excréta dans la propagation des maladies infectieuses des animaux [Alfort] 55p. 8° Saumur, Impr. A. Roland, 1933.

GARFIELD Memorial Hospital.

See District of Columbia.

GARFUNKEL, Berthold. *Zum Krankheitsbild des Eunuchoidismus auf Grund pathologisch-anatomischer Untersuchungen [Basel] p. 475-504. 8° Jena, G. Fischer, 1924.

Also Beitr. path. Anat., 1924, 72:

GARFUNKEL, Israël, 1904— *Les injections de lait dans le traitement du psoriasis; thérapeutique biophylactique. 64p. 8° Par., Libr. M. Vigné, 1933.

GARGLING.

See also Throat; Tonsillitis.

Bowen-Davies, A. Gargling. Guy's Hosp. Gaz., Lond., 1936, 50: 359.—**Braun, H. A.** Ueber das Gurgeln. Klin. Wschr., 1936, 15: 612.—Efficacy of gargles. Lancet, Lond., 1936, 2: 639.—**Haase, W.** Ueber das Gurgeln. Klin. Wschr., 1935, 14: 1244.—**Kirschner, M.** Zur Frage des Gurgelns. Med. Klin., Berl., 1934, 30: 1256.—**Krainz, W.** Ueber das Gurgeln. Wien. med. Wschr., 1935, 85: 711-3.—**Liebermann, T.** Erfüllt das Gurgeln seinen Zweck oder nicht? Med. Klin., Berl., 1934, 30: 995.—**Oettingen, W. von.** Zur Frage des Gurgelns. Klin. Wschr., 1935, 14: 1473.—**Snow, W., & Stern, J. E.** Gargling and throat irrigation. J. Am. M. Ass., 1934, 103: 831.—**Uffenorde, W.** Zur Frage des Gurgelns. Münch. med. Wschr., 1934, 81: 1793.—**Zimányi, V.** Meccanismo d'azione ed efficacia del gargarismi. Valsalva, 1936, 12: 132-42.

GARGOYLISM.

See Chondro-osteodystrophy.

GARIBALDI, Alejandro, 1908— *Intensification de l'efficacité des vaccins antigonococciques par l'adjonction d'une solution de lécitine colloïdale. 62p. 8° Par., M. Vigné, 1937.

GARIBALDI, Américo. Mecanismo probable de la cancerización. 2v. xxxii, 281p.; 327p. portr. 8° Lima, Univ. Mayor San Marcos, 1936.

GARIBALDI, Giuseppe, 1807—82.

Aperlo, G. La ferita del Generale Garibaldi ad Aspromonte; notizie medico-storiche. Riv. stor. sc. med., 1929, 20: 63; 97.—**Musini, N.** La ferita di Garibaldi ad Aspromonte. Med. ital., 1932, 13: 625-36.

GARIEL, Paul, 1910— *Contribution à l'étude de l'amibiase cutanée et plus particulièrement de l'amibiase périanales. 95p. 8° Lyon, Bosc frères, 1935.

GARIEPY, Ernest, 1879—1936.

Jarry, J. A. Nécrologie. Union méd. Canada, 1936, 65: 570.

GARIN, Charles, 1883—

See Guiart, Jules, Garin, Charles, & Leger, Marcel. Précis de médecine coloniale [&c.] 408p. 8° Par., 1929.

— **ROUSSET, Jean, & GONTHIER, Barthélemy.** L'ankylostomose. 126 [2]p. illust. 8° Par., Masson & cie, 1932.

GARIN, Fernand] *Contribution à l'étude des réactions intradermiques à l'antivirus staphylococcique. 46p. 22½cm. Lausanne, Payot & cie, 1938.

GARIN, Giovanni. La diagnosi generica delle malattie pancreatiche. xi, 314p. 7 tab. 8° Firenze, Soc. tipogr. Fiorentina, 1915.

GARKAWI, Jsaak. *Ueber den Einfluss von Kohlenhydrat- und Harnstoffdarreichung auf einige Harnbestandteile [Basel] 17p. 8° S. Louis, 1929.

GARKISCH, Ernst Heinrich, 1911— *Ein Fall von totaler, rechtsseitiger Aplasie des

weiblichen Urogenitaltracts [Breslau] 18p. 21cm. Würzb., K. Triltsch, 1937.

GARLAND, George Minot, 1849–1926. Obituary. J. Am. M. Ass., 1926, 86: 1088.

GARLAND, James [Gillis] Gillis 1907– *Diabetes mellitus [Marquette Univ.] 56p. 8°. Wauwatosa, Wisc., 1932. Typewritten.

GARLAND, Joseph, 1893– The doctor's saddle-bag. 125p. 8°. [Bost., Mass. Linotype Corp., 1930]

— The youngest of the family, his care and training. 6 p. l. 196p. 9 pl. 8°. Cambr., Mass., Harvard Univ. Press, 1932.

— The road to adolescence. viii, p. 3 l. 293p. illust. pl. 8°. Cambr., Mass., Harvard Univ. Press, 1934.

GARLANDIA, Johannes de, 11. cent.

See Johannes de Garlandia.

GARLE, Henry Ernest, 1878– Social hygiene to-day. 387p. 8°. Lond., G. Allen & Unwin [1936]

GARLEPP [Walter Richard] Hans, 1911– *Die von 1919 bis 1937 in der Chirurgischen Klinik der Martin Luther-Universität zu Halle-Wittenberg behandelten komplizierten Frakturen [Halle] 20p. 21cm. Bleicherode, C. Nieft, 1937.

GARLT [Hermann] Wilhelm [Otto] 1900– *Untersuchungen über das Verhalten von Strahlhorn gegenüber chemischen Agentien; ein Beitrag zur Kenntnis der Strahlfäule. 27p. 8°. Lpz., A. Edelmann, 1925.

GARNIER, Henry, 1910– *Les hémorragies trachéales. 95p. 8°. Lyon, Bosc frères, 1934.

GARMSEN, Hanns, 1903– *Einige Fälle fieberhaft verlaufener Spätlues. 29p. 8°. Kiel, Schmidt & Klaunig, 1930.

GARN, Walter, 1907– *Wird ein Schutz der Pulpa unter Silikatementen durch eine Unterfüllung gewährleistet? [Leipzig] 15p. 8°. Würzb., R. Mayr, 1935.

GARNERIN, Henri, 1904– *Des injections médicamenteuses intra-trachéales chez les ruminants; technique de ces injections [Alfort] 73p. 8°. Par., Vigot frères, 1928.

GARNETT, Alexander Yelverton Peyton, 1819–88.

SILER, J. F. Biographical sketch to be included in the Dictionary of American Biography. 5 l. 8°. Wash., 1929. Typewritten.

GARNETT, Arthur Campbell. The mind in action; a study of motives and values. xii, 226p. 8°. N. Y., D. Appleton & Co. [1932]

GARNETT, William Edward, 1885–, & **ELLISON, J. M.** Negro life in rural Virginia 1865–1934. 59p. 8°. Blacksburg, Virginia Polytechnic Inst., 1934.

Forms No. 295, Bull. Virginia Agr. Exp. Sta.

GARNIER, André Gustave Marie, 1904– *Les phlegmons prostatiques; leur traitement par voie urétrale selon la méthode du docteur Gourdet. 53p. 8°. Par., Libr. L. Arnette, 1932.

GARNIER, Charles, 1895– *Etude des indications et de la technique des butées ostéoplastiques dans les subluxations et luxations congénitales invétérées de la hanche et en particulier dans leurs variétés postérieures. 110p. 7 pl. 8°. Par., Impr. Labor, 1927.

GARNIER, Elie Jean Aurélien, 1911– *Contribution à l'étude de la physiopathologie rénale sous l'influence de l'hormone parathyroïdienne. 46p. 8°. Par., Le François, 1938.

GARNIER, Georges, 1899– *Les érythèmes des arsénobenzols; éruptions érythémateuses survenant chez les syphilitiques traités par les arsénobenzols. 176p. 8°. Par., Jouve & cie, 1929.

GARNIER, Henri, 1911– *Modifications de la chlorémie et de l'urémie en rapport avec l'alimentation chlorurée et azotée et diverses manifestations humorales pathologiques. 100p. 8°. Par., Vigot frères, 1937.

GARNIER, Jacques, 1913– *L'origine nerveuse de la chlorose; histoire et vicissitudes de la théorie nerveuse de la chlorose, de l'antiquité à nos jours. 81p. 24cm. Par., E. Le François, 1939.

GARNIER, Jean, 1903– *Du traitement de l'ozène par l'anatoxine diphtérique. 44p. 8°. Par., Impr. Mouysset, 1932.

GARNIER, John Hutchison, 1823–98.

Caswell, E. S. An eccentric physician. Canad. J. M. & S., 1936, 79: 135–8.—**Johnston, W. V.** A Canadian naturalist and physician. Bull. Acad. M. Toronto, 1933, 7: 11–20.—**Mackenzie, A. J.** A Canadian naturalist. Canad. M. Ass. J., 1927, 17: 355.

GARNIER, Joseph, 1884– *Contribution à l'étude du traitement des boiteries des régions supérieures des membres par les abcès artificiels [Alfort] 70p. 8°. Par., Ed. Rev. Nos Animaux, 1928.

GARNIER, Léon, 1855–1939. Nécrologie. Rev. méd. Nancy, 1939, 67: 549.

GARNIER, Marcel, 1870–1940. Carnot, P. Nécrologie. Paris méd., 1940, 116: 95, portr.—**Laignel-Lavastine**. Nécrologie. Bull. Soc. méd. hôp. Paris, 1940, 3. ser., 56: 17.

— & **DELAMARE, V.** Dictionnaire des termes techniques de médecine. 10. éd. 2 p. l. vii–xvi, 725p. 16°. Par., N. Maloine, 1931. Also 11. éd. xv, 716p. 1935.

GARNIER, Marcel, & **HUGUENIN, René**. Glande thyroïde. p.159–281. 8°. Par., 1928. In Traité physiol. norm. path. (Roger, G. H., & Binet, L.) Par., 1928, 4:

GARNIER, Marcel, & **TURPIN, R. A.** Les glandes parathyroïdes. p.283–355. 8°. Par., 1928. In Traité physiol. norm. path. (Roger, G. H., & Binet, L.) Par., 1928, 4:

GARNIER, Marcel, 1899– *La méningo-épendymite streptococcique du nourrisson; étude de la forme curable. 58p. 8°. Par., Libr. Le François, 1925.

GARNIER, Octave Guy Paul, 1915– *Les lésions traumatiques du ligament rotulien; élongation et rupture. 52p. 25cm. Bordeaux, Delmas, 1938.

GARNIER, Paul, 1899– *Les diverticules des 5° et 4° portions du duodénum. 56p. 8°. Paris, Jouve & cie, 1925.

GARNIER, [Paul Emile] 1848– Epuisement nerveux génital; causes et remèdes. 2 p. l. 447p. 8°. Par., Garnier frères [1895]

GARNIER, Pierre, 1903– *Contribution à l'étude de la myosite ossifiante progressive; maladie de Munchmeyer. 88p. 8°. Par., A. Legrand, 1932.

GARNIER, Pierre, 1914– *Etude sur la présence, le rôle et la destruction de l'acétylcholine dans l'organisme. 48p. 24½cm. Par., M. Vigné, 1939.

GARNIER, Raymond, 1915– *Etude sur le diagnostic biologique des anomalies de la gestation. 38p. 24cm. Par., Jouve & cie, 1939.

GARNIER, Robert, 1908– *Contribution à l'étude du pronostic des cancers du sein; recherches sur la réaction du mucicarmin. 58p. 8°. Lyon, Bosc frères, 1934.

GARNSEY, Charles Eugene, 1876— Dosage and solutions; a text-book for nurses and a reference book for physicians and nurses, revised by Mabel L. Zerbe. 2. ed. p. l. 141p. 16°. Phila., W. B. Saunders Co., 1932.

— & **GUNTHER, Hulda L.** Dosage and solutions; a text-book for nurses and a reference book for physicians and nurses. 3. ed. 147p. 16°. Phila., W. B. Saunders, 1937.

GARNUNG, Henry, 1912— *L'éosinophilie sanguine au cours des tumeurs malignes. 100p. 8°. Lyon, Bosc frères, 1935.

GAROPHALIDES, Constantin, 1895— *Contribution à l'étude des consultations de nourrissons; Clinique Tarnier, 1924-25. 80p. 8° Par., Soc. Moderne Impr., 1925.

GAROT, Lucien. Méthodes actuelles de puériculture; hygiène et alimentation du nourrisson, soins généraux en cours de maladie, éléments de prophylaxie. 2. éd., rev. & complétée. 292p. illust. 21½cm. Par., Vigot frères [1937]

GARRAHAN, Juan P. Medicina infantil; para estudiantes y médicos prácticos. 4. ed. xxiii, 1086p. illust. 26cm. B. Aires, El Ateneo, 1938.

GARRATT, Alfred C. Electro-physiology and electro-therapeutics; showing the best methods for the medical uses of electricity. 2. ed. 2p.; 716p. illust. pl. 8°. Bost., Ticknor & Fields, 1861.

— Medical electricity: embracing electro-physiology and electricity as a therapeutic; with special reference to practical medicine. 3. ed. 1090p. 8° Phila., J. B. Lippincott & Co., 1866.

GARRATT, D[onald] C[larence] Drugs and Galenicals; their quantitative analysis. xiv, 422p. 8°. Lond., Chapman & Hall, 1937.

GARRAUD, Raymond, 1913— *Résultats de la cure à La Bourboule dans quelques séquelles respiratoires des affections de l'enfance; observations prises parmi les enfants soignés à l'Hospice Guillaume Lacoste de La Bourboule. 90p. 8° Par., Vigot frères, 1937.

GARRE, Carl, 1858-1928.
Bircher. Nekrolog. Schweiz. med. Wschr., 1928, 58: 415.—
Borchard, A. Nekrolog. Deut. med. Wschr., 1928, 54: 709.—
Eiselsberg, A. Nekrolog. Mitt. Grenzgeb. Med. Chir., 1928, 40: p. v.—Naegeli, T. Carl Garre zum 70. Geburtstag. Schweiz. med. Wschr., 1927, 57: 1202.—Rehn, E. Carl Garre zum 70. Geburtstag. Deut. med. Wschr., 1927, 53: 2132.—
Stich, R. Nekrolog. Med. Klin., Berl., 1928, 24: 560.
For Festschrift see Beitr. klin. Chir., 1927, 141: portr. Also Zbl. Chir., 1927, 54: portr.

— & **BORCHARD, August Friedrich**. Lehrbuch der Chirurgie. 8. Aufl. xiii, 789 [1p. illust. 25½cm. Berl., F. C. W. Vogel, 1935. Also 9. Aufl. xiii, 805p. illust. diagr. 1938.

GARRELON, Léon, 1879-1938.
Chailley-Bert, P. Nécrologie. Presse méd., 1938, 46: 1566, portr.

— **SANTENOISE, D.** [et al.] Sympathique et parasympathique. p.637-981. 8° Par., 1935.
In Traité physiol. norm. path. (Roger, G. H., & Binet, L.) Par., 1935, 10:

GARRETSON, James E[dmund] 1828-95. System of oral surgery: being a treatise on the diseases and surgery of the mouth, jaws, face [&c.] 4. ed. 1037p. 8° Phila., J. B. Lippincott & Co., 1884.

GARRETT, Elizabeth H. Birth control's business baby. p.19-34. 12° N. Y., New Republic [1934]

In For legalized birth control (M. Sanger) N. Y. [1934]

GARRETT, Henry Edward, 1894— Statistics in psychology and education. xiii, 317p. 8° N. Y., Longmans, Green & Co., 1926.

— Great experiments in psychology. xvii, 337p. 10 pl. 8° N. Y., Century Co. [1930]

— & **ANASTASI, Anne**. The tetrad-difference criterion and the measurement of mental traits. p.231-81. 8° N. Y., N. York Acad. Sc., 1932.

GARRETT, Henry Edward, & **SCHNECK, Matthew Maximilian Rupprecht**. Psychological tests, methods, and results. x, 137p. illust. diagrs. 8° N. Y., Harper & Bros., 1933.

GARRETT-ANDERSON, Elizabeth, 1836-1917.

Hurd-Mead, K. C. Biography. Med. World, 1940, 58: 405-8.

GARRICK, David, 1741-76.

Angus, W. An appraisal of David Garrick, based mainly upon contemporary sources. Q. J. Speech, 1939, 25: 30-42.

GARRIDO, Miguel Antonio, 1890— *Contribution à l'étude de l'hémorrhagie des gaines du nerf optique. 64p. 8° Par., E. Le François, 1930.

GARRIDO Arellano, M. *Consecuencias tardías en los traumatismos cráneo-cerebrales [Chile] 61p. pl. roy. 8°. Santiago, La República, 1928.

GARRIDO-LESTACHE, J. Deformaciones y enfermedades congénitas (casuística clínica) 3 p. l. 294p. 60 illust. 8° Madr., Chulilla y Angel [1933]

— La madre enfermera; libro para el hogar. 271p. 8° Madr., Castro [1933]

GARRIGOU, Félix, 1834-1914.

Molinéry. A l'occasion du centenaire de la naissance du professeur Garrigou; premier professeur d'hydro-climatologie. Bull. Soc. fr. hist. méd., 1934, 28: 298-304. Also Paris méd., 1934, 94: annexe, 534-6.

GARRIGOUX, Henri, 1901— *Les perforations spontanées de la vésicule biliaire lithiasique en péritoine libre. 60p. 8° Par., Libr. Le François, 1926.

GARRIGOUX, Pierre, 1910— *Considérations sur la tuberculose primitive du col de l'utérus. 44p. 25½cm. Par., Vigot frères, 1939.

GARRIGUES, Henry Jacques, 1831-1913. Text-book of the diseases of women. 728p. 8° Phila., W. B. Saunders, 1897.

GARRISON, Charles Willis, 1879-1935.

Obituary. J. Arkansas M. Soc., 1935-36, 32: 89.

GARRISON, E. L.

See Pritchard, W. W. W., & Garrison, E. L. A guide to the laboratory study of human anatomy. 2. ed. 121 l. 4° Los Ang., 1935.

GARRISON, Fielding Hudson, 1870-1935. A sketch of the Library of the Surgeon General's Office. p.211-16. 8° [Brooklyn, N. Y., 1906]

Cutting from Med. Libr. & Hist. J. 1906, 4:

— Collected reprints. 2.v. [v. p.] 4° [v. p., 1917-28]

— Introducción a la historia de la medicina; traducida de la 2. ed. inglesa por Eduardo García del Real. 2v. 5 p. l. 435p; 3 p. l. 637p. 8° Madr., Calpe, 1921-22.

— The same. Introduction to the history of medicine; with medical chronology, suggestions for study and bibliographic data. 4. ed. 996p. 8° Phila., W. B. Saunders Co., 1929.

— History of neurology. p.xv-lvi. 8° N. Y., W. Wood & Co., 1925.

In Text-book of nervous diseases (Dana, Charles Loomis) 1925, 10. ed.

— The principles of anatomic illustration before Vesalius; an inquiry into the rationale of artistic anatomy. 58p. 8° N. Y., P. B. Hoeber, 1926.

— Progress in the cataloguing of medical incunabula; with a revised check-list of the

incunabula in the Army Medical Library, Washington. p.365-435. 8°. N. Y., New York Acad. Med., 1930.

— What medicine owes to science and what science owes to medicine. p.131-54. 20cm. Phila., 1933.

In *Lectures on the hist. of med.*, 1926-32, Phila., 1933.

— Contributions of the West to American medicine. p.155-85. 20cm. Phila., 1933.

In *Lectures on the hist. of med.*, 1926-32, Phila., 1933.

— Billings: a maker of American medicine. p.187-200. 20cm. Phila., 1933.

In *Lectures on the hist. of med.*, 1926-32, Phila., 1933.

— Medicine as an agency in the advancement of science, art and civilization. p.201-28. 20cm. Phila., 1933.

In *Lectures on the hist. of med.*, 1926-32, Phila., 1933.

— Revised students' check list of texts illustrating the history of medicine. p.333-434. 8° Balt., Johns Hopkins Press, 1933.

Forms No. 5, v.53, Suppl. Bull. Johns Hopkins Hospital, Nov. 1933.

— William Stewart Halsted. p.396-401. 8° N. Y., 1936.

In *Am. Mercury*, N. Y., 1936, 7: No. 28.

See also portraits; 4 photographs [as a boy; his appointment to the Army Medical Library; Major O. R. C. (Medical Section) U. S. A. 1917; and at the time of publication of History of Medicine]

Also Editor of *Neuburger*, Max. Essays in the history of medicine. 210p. 8° N. Y., 1930. Also *Sudhoff*, Karl. Essays in the history of medicine. 397p. 8° N. Y., 1926.

For biography see *Brit. M. J.*, 1935, 1: 1054. Also *Brit. M. J.*, 1936, 2: 1097 (H. Rolleston) Also *Bull. Inst. Hist. M.*, Balt., 1935, 3: 403; 1939, 7: 357 (H. E. Sigerist) Also *Bull. M. Libr. Ass.*, 1935, 24: 46 (E. E. Hume, C. Frankenberger [et al.]) Also *Canad. M. Ass. J.*, 1935, 33: 203 (M. Pijoan) Also *Clin. M. & S.*, 1935, 42: 315, portr. Also *Med. Ann. District of Columbia*, 1935, 4: 118. Also *Med. Life*, 1935, 42: No. 4. Also *Med. Rec.*, N. Y., 1940, 151: 233, portr. Also *Mil. Surgeon*, Wash., 1935, 76: 338 (E. E. Hume) Also *Mitt. Gesch. Med. Naturwiss.*, 1935, 34: 201-3, portr. (A. Allemann) Also repr. Also *Riv. stor. sc. med.*, 1935, 26: 265-7 (A. Castiglioni) Also *Siglo méd.*, 1935, 96: 133.

See also *Kagan*, S. R. Life and letters of Fielding H. Garrison. 287p. 8° Bost., 1938.

Also *Med. Rec.*, N. Y., 1940, 151: 234-7. Also Fielding H. Garrison; articles and book reviews in the Bulletin of the New York Academy of medicine. *Bull. N. York Acad. M.*, 1935, 11: 656-62.—*Hume*, E. E. Garrison and the Army medical library, 1891-1930. *Bull. Inst. Hist. M.*, Balt., 1937, 5: 301-46.—*Mayer*, C. F. The literary activity of Fielding H. Garrison; with an annotated bibliography of his publications related to medicine. *Ibid.*, 378-403.—*Pijoan*, M. Garrison, the teacher. *Ibid.*, 369-74.—*Sigerist*, H. E. Letters of Fielding H. Garrison. *Ibid.*, 947.—*Tietzsch*, F. L. The Colonel played the piano. *Ibid.*, 353-68. — Self-portrait of Fielding H. Garrison; autobiographical excerpts compiled from his letters. *Bull. Hist. M.*, 1939, 7: 365-73.—*Viets*, H. R. Fielding H. Garrison and his influence on American medicine. *Bull. Inst. Hist. M.*, Balt., 1937, 5: 347-52.

GARRISON, Karl Claudius, 1900— The psychology of adolescence. xxi, 377p. portr. diags. 8° N. Y., Prentice-Hall, 1934.

GARRISON, William Lloyd, 1805-79.

Stöcker, H. Ein amerikanischer Kämpfer für Gewaltlosigkeit (William Lloyd Garrison) *Neue Generation*, 1926, 22: 125-32.—*Tolstoi*, L. Was ich Garrison schulde. *Ibid.*, 132-7.

GARROD, Alfred Baring, 1819-1907. Essentials of materia medica and therapeutics. xxx, 439p. 8° N. Y., W. Wood & Co., 1865. ALSO 2. ed. xxx, 439p. 1865.

GARROD, Sir Archibald Edward, 1857— The debt of science to medicine; being the Harveian oration delivered before the Royal College of Physicians of London on St. Luke's day, 1924. 30p. 8° Oxf., Clarendon Press, 1924.

— The inborn factors in disease. 160p. 12° Oxf., Clarendon Press, 1931.

For biography see *Brit. M. J.*, 1936, 1: 731, portr. Also *J. Am. M. Ass.*, 1936, 106: 1830. Also *Lancet*, Lond., 1936, 1: 807-9. Also *Nature*, Lond., 1936, 137: 770 (F. G. Hopkins) Also *Hist. M. Hosp. J.*, Lond., 1935-36, 43: 138-40, portr.

GARROD, Dorothy Annie Elizabeth. The upper palaeolithic age in Britain. 211p. front. 8° Oxf., Clarendon Press, 1926.

GARROD, Lawrence Paul, 1895—

See *Hadfield*, Geoffrey, & *Garrod*, L. P. Recent advances in pathology. 392p. 8° Lond., 1932. Also 2. ed. 457p. 1934. Also 3. ed. 420p. 1938.

GARRY, Thomas Gerald. Egypt: the home of the occult sciences; with special reference to Imhotep, the mysterious wise man and Egyptian god of medicine. v, 93p. 12° Lond., J. Bale, Sons & Danielsson, 1931.

GARSCHAGEN, Hans Erich, 1897—

*Ueber das Auftreten der follikulären Zysten in den verschiedenen Lebensaltern; mit besonderer Berücksichtigung des Vorkommens in späteren Lebensaltern und einiger besonders gearteter Fälle (Auszug) 9p. 8° [Lpz.] 1922. Typewritten.

GARSIDE, Helen V.

See *Baldwin*, Bird Thomas, *Busby*, Laura M., & *Garside*, H. V. Anatomic growth of children [&c.] 88p. 8° Iowa City [1928]

GARSTANG, Thomas Walter Harropp, 1850-1935.

Obituary. *Brit. M. J.*, 1935, 1: 1101.

GARTEFF, Robert, 1908— *Histologische Untersuchungen vom menschlichen Zahnstein. 25p. 8° Weende, A. F. Pieper, 1933.

GARTEN, Siegfried, 1871-1923. Beiträge zur Physiologie des elektrischen Organes der Zitterrochen. 2 l. p.[253]-366. pl. tab. ch. 4°. Lpz., B. G. Teubner, 1899.

Forms No. 5, Bd 25, Abh. math.-phys. Cl. Sächs. Ges. Wiss. For portrait, photograph, see collection in library.

GARTENLAUB, Hermann, 1904— *Les claquements péricardiques. 72p. 8° Par., Jouve & cie, 1933.

GARTH, Thomas Russell, 1872— Race psychology; a study of racial mental differences. xiv, 260p. 8° N. Y., McGraw-Hill Book Co., 1931.

GARTLAND, Ruth Marie. Psychiatric social service in a children's hospital; 2 years of service in Bobs Roberts Memorial Hospital for Children, University of Chicago Clinics. viii, 105p. 8° Chic., Univ. Chicago Press [1937]

GARTMANN, Christian. *Seuchen und Seuchenmassnahmen in Baselstadt und Baseland in den Jahren 1784-1815 [Basel] 48p. 8° Chur, Bischofberger & Co., 1930.

GARTNER, Josef, 1909— *Ueber Leukozytenwerte in normalen Tonsillen. 10p. 8° Würzb., C. J. Becker, 1935.

GARTNER, Paul W. First aid afeld. 6 l. 115p. illust. 8° N. Y., Macmillan Co., 1934.

GARTNER'S duct.

See *Epoophoron*, Ductus longitudinalis.

GARVAN, Francis P., 1875-1937. In the matter of a proposed reciprocal trade treaty between the United States and Switzerland. 124p. pl. ch. tab. 8° N. Y., Chem. Found, Inc. [1935]

For biography see *Am. J. Cancer*, 1937, 31: 618 (F. C. Wood)

GARVER, Hortense Elton.

See *Kracke*, Roy R., & *Garver*, Hortense Elton. Diseases of the blood and atlas of hematology. 532p. roy. 8° Phila. [1937]

GARVEY, Chester Roy. The activity of young children during sleep; an objective study. x, 102p. incl. tab. diagr. pl. 23½cm. Minneapolis, Univ. Minnesota Press, 1939.

Forms Monogr. ser. No. 18, Univ. Minnesota Inst. Child Welfare.

GARVIN, Justin A[llis] 1886-
See **Ruh, Harold O., & Garvin, J. A.** The child's development [&c.] 107p. 8°. N. Y., 1928.

GARVIN, M. H.
Editor of *Journal of the Canadian Dental Association*. Toronto, v.1, 1935-

GARY, Felix Jean, 1912- *Les urétrorragies dans la blennorrhagie aiguë. 44p. 25cm. Bordeaux, Delmas, 1937.

GARY, Georges Emmanuel, 1910- *Fractures de la base du premier métacarpien. 61p. 8 pl. 8°. Par., A. Moret, 1935.

GARZON Maceda, Félix, 1868- La medicina en Córdoba; apuntes para su historia. 3v. 4°. B. Air., Talleres Rodríguez Giles, 1916-17.

GAS.

See also **Fluid; Smoke; Vapor**; also names of gaseous substances as **Carbon monoxide, &c.**; also **Blood, Gases; Respiration**.

Fastovsky, V. G. [Rare gases; Crypton and Xenon] Priroda, Leningr., 1939, 28: No. 3, 24-33.—**Garnier.** L'hydrogéologie et les gaz rares. Arch. méd. Angers, 1934, 38: 97-113.—**Geslin, M.** Contribution à l'étude des gaz naturels. Presse therm. clim., 1936, 77: 561-3.—**Lely, U. P.** [Gas types] Ned. tscr. natuurk., 1935, 2: 241-50.—**Tyler, D. B., & Drury, D.** Natural gas; its physiologic action. California West. M., 1937, 47: 25-9.

Absorption, and adsorption.

Allmand, A. J., & Burrage, L. J. The discontinuous nature of the process of sorption of gases and vapours by porous solids. Proc. R. Soc., Lond., 1930-31, ser. A, 130: 610-32.—**Damköhler, G.** Ueber die Adsorption von N₂-Ar-Gemischen. Zschr. phys. Chem., Abt. B, 1933, 23: 69-88. — Ueber die Adsorptionsgeschwindigkeit von Gasen an porösen Adsorbentien. Ibid., Abt. A, 1935, 174: 222-38.—**Hatta, S.** On the absorption velocity of gases by liquids. Annual Rep. Saito Ho On Kai, 1935, No. 9, 16-8.—**Kanamaru, K., & Chao, Ju-yun.** Die Aufnahme von Dämpfen verschiedener Flüssigkeiten durch Zellulose und deren Derivate. Kolloid Zschr., 1938, 84: 85-99.—**Krasilshikov, A.** Die Sorption von Gasen und Dämpfen durch die Aerosolteilchen. Ibid., 1936, 74: 138-47.—**Lambert, B., & Heaven, H. S.** Studies on gas-solid equilibria; adsorption from binary gas mixtures by silica gel. Proc. R. Soc., Lond., 1935-36, ser. A, 153: 584-600.—**Lepointe, R.** Chaleur d'adsorption des gaz par le charbon à basse température (-183°) J. phys. radium, Par., 1936, 7. ser., 7: 469-72.—**Magnus, A.** Theorie der Gasadsorption. Zschr. phys. Chem., Abt. A, 1929, 142: 401-30.—**Nichols, M. S.** A gas absorption apparatus. Pub. Health Rep., Wash., 1938, 53: 538.—**Nicloux, M., & Scotti-Foglieni, L.** Étude de l'absorption in vitro des gaz et des vapeurs par les liquides: liquides de l'organisme ou autres; généralités, technique. C. rend. Soc. biol., 1927, 97: 1718-20.—**Rakusin, M. A.** Ueber die Adsorption von Gasen und Dämpfen durch verschiedene Kohlenarten (ein Beitrag zur Toxikologie der Kohle). Münch. med. Wschr., 1926, 73: 243.—**Schwab, G. M., & Pietsch, E.** Kontaktkatalyse und Aktivierung der Gase durch Adsorption. Zschr. phys. Chem., 1927, 126: 473.—**Stimson, J. C.** The electrical condition of hot surfaces during the adsorption of gases; the charging up of hot surfaces. Proc. R. Soc., Lond., 1934, 144: ser. A, 307-20.

Analysis.

See also **Gasometry**.

MÜLLER, F. Biologische Gasanalyse. p.1-178. 8°. Berl., 1926.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1926, Abt. 4, Teil 10.

PETERS, J. P., & VAN SLYKE, D. D. Analysen von Gasmischungen. p.113-434. 8°. Berl., 1938.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, Abt. 5, T. 10, 1. Hälfte.

Anderson, R. P. Reagents for use in gas analysis; the specific absorption of alkaline pyrogallol in various pipettes. J. Indust. Chem., 1916, 8: 131-3.—**Becker-Freyseng, H., & Clamann, H. G.** Zur Analyse sauerstoffreicher Gasmische mittels der Methode von Haldane. Klin. Wschr., 1939, 18: 1274.—**Boomer, E. H., & Johnson, C. A.** The precision combustion analysis of gases. Canad. J. Res., 1937, 15: Sect. B, 363-6.—**Campbell, J. A., & Taylor, H. J.** A modification of Krogh's micro-method of gas analysis. J. Physiol., Lond., 1935-36, 84: 219-22.—**Chopin, M.** Nouvelle méthode de mesure de la température des gaz; application à la détermination de leur chaleur spécifique aux températures élevées. Ann. phys., Par., 1931, 10. ser., 16: 101-49.—**Cordero, N.**

A simpler technic of analysis of respiratory gases. Bull. Nat. Res. Council, Philippine Islands, 1937, No. 12, 122.—**Corredor y Chicote, M. F.** Observaciones radioscópicas de gases. Crón. méd., Lima, 1920, 37: 33.—**Cotton, F. S.** A short cut in gas analysis. J. Lab. Clin. M., 1938-39, 24: 1177-83.—**Debucquet, L. D. M.** Abrégé d'analyse gazométrique. Rev. Serv. san. mil., Par., 1936, 105: 61-110.—**Gill, A. H.** Chimney and flue gases. In Standard Meth. Chem. Analysis (Scott, W. W.) 5. ed., N. Y., 1939, 2381-8.—**Gorter, C. J.** [The Senffleben effect] Ned. tscr. natuurk., 1940, 7: 89-95.—**Knipping, H. W.** Beitrag zur gasanalytischen Technik in der Medizin. Zschr. ges. exp. Med., 1926, 53: 1-16.—**Krogh, A.** Die Mikrogasanalyse und ihre Anwendungen. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1926, Abt. 4, Teil 10, 179-212.—**Lamson, P. D., & Robbins, B. H.** Thermal conductivity methods of gas analysis in the study of pharmacological problems. J. Pharm. Exp. Ther., 1928, 34: 325-31.—**Margaria, R.** Verbessierungen der Gasanalyse. Biochem. Zschr., 1934, 270: 444-7.—**Meyer, F.** Mikrogasanalyse als neue klinische Untersuchungstechnik. Verh. Deut. Ges. inn. Med., 1934, 46. Kongr., 376-8.—**Schwarz, H., & Rappaport, F.** Mikrogasanalyse und ihre Anwendung, insbesondere für biologische Arbeitsmethoden. Biol. gen., Wien, 1934, 10: 227-66.—**Van Slyke, D. D., & Hanke, M. E.** Manometric analysis of gas mixtures; hydrogen and oxygen by combustion. J. Biol. Chem., 1932, 95: 569-85.—**Van Slyke, D. D., & Neill, J. M.** The determination of gases in blood and other solutions by vacuum extraction and manometric measurement. Ibid., 1924, 61: 523; 575.—**Wagener.** Rechnerische Auswertung der Abgas-Analyse. Gesundh. Ingenieur, 1928, 51: 406-9.

Analysis: Apparatus.

Ambler, H. R. Apparatus for the analysis of small samples of gas. Analyst, Lond., 1929, 54: 517-22.—**Bansi, H. W.** Fortlaufende Gasanalysen mittels eines auf physikalischen Prinzipien beruhenden Apparates; ein Beitrag zur Vereinfachung der Grundumsatzbestimmung. Deut. med. Wschr., 1933, 59: 729.—**Barcroft, H.** Safety device for the Haldane gas analysis apparatus. J. Physiol., Lond., 1935-36, 84: 23P.—**Barker, S. B., & Smyth, E.** A mechanical pump for the drawing of gas samples. Proc. Soc. Exp. Biol., N. Y., 1938, 38: 745-8.—**Bazett, H. C.** A modified Haldane gas-analyser for use with small volumes of gas. Am. J. Physiol., 1928, 86: 556-64.—**Benedict, S. R.** A modified Hempel gas pipette. Biochem. Bull., 1913, 3: 1, pl.—**Berg, S.** Simple apparatus and technique for gas analysis. Am. J. Clin. Path., 1939, 9: Suppl., 64-8.—**Blacktin, S. C.** Range of electrotor meter demonstrated by darkfield count. J. Indust. Hyg., 1937, 19: 579-89.—**Bramigk, F.** Apparat für biologische Gasanalyse. Biochem. Zschr., 1923, 137: 53-9.—**Bruce, W. F.** The analysis of small volumes of gas by means of the usual microanalytical apparatus. Stud. Rockefeller Inst., 1936, 96: 531-5.—**Carpenter, T. M., Fox, E. L., & Sereque, A. F.** The Carpenter form of the Haldane gas analysis apparatus; changes made in the apparatus and details regarding its use. J. Biol. Chem., 1929, 83: 211-30.—**Childers, N. F., Kiplinger, D. C., & Brody, H. W.** A device for rapid rinsing of absorption towers used in gas analysis studies. Science, 1939, 90: 447.—**Clusius, K., & Dickel, G.** Das Trennrohr; Grundlagen eines neuen Verfahrens zur Gasentmischung und Isotopentrennung durch Thermodiffusion. Zschr. phys. Chem., Abt. B, 1939, 44: 397-450.—**Cotton, F. S.** A new device for oxygen absorption in gas analysis apparatus. J. Lab. Clin. M., 1934-35, 20: 1084-7.—**Frerichs, G., & Mannheim, E.** Gasmessungen mit einer gewöhnlichen Bürette zur Bestimmung von Harnstoff im Harn und von Aethylnitrit im Spiritus Aetheris nitrosi. Arch. Pharm., Berl., 1918, 256: 112-8.—**Fuchs, H. J.** Modification of Haldane gas analysis apparatus. J. Physiol., Lond., 1937-38, 91: 8-10P.—**Gregg, E. T.** An improved compensator for gas analysis. J. Indust. Chem., 1917, 9: 528.—**Heckmann, W.** Einrichtung zur Bestimmung der Zusammensetzung und Strömungsgeschwindigkeit von Gasmischungen. Arch. Rettungswes., Berl., 1912-13, 1: 160-6.—**Jean, M. L.** Nouvel appareil pour le dosage des gaz. Bull. Soc. chim. France, 1936, 5. ser., 3: 267-9.—**Meyer, F.** Ein einfaches Thermobarometer zur Umrechnung der Gasvolumina auf Normalumstände. Arbeitsphysiologie, 1935-36, 9: 14.—**Nicloux, M.** Eudiomètre pour de petites quantités de gaz; applications. C. rend. Soc. biol., 1921, 85: 118-20.—**Patty, F. A.** Calibration and use of the gas interferometer. J. Indust. Hyg., 1939, 21: 469-74.—**Salles Teixeira, A. de.** Appareil original para a dosagem dos gases dissolvidos n'agua. Rev. biol., S. Paulo, 1929-31, 2: 35; 40.—**Schlesinger, M.** Theoretisches und Praktisches über Apparate, in denen man die Menge eines im Apparat entwickelten Gases an der Höhe misst, zu welcher eine Sperrflüssigkeit durch das Gas emporgetrieben wird. Biochem. Zschr., 1928, 201: 87-109.—**Scotti-Foglieni, L.** Appareil pour l'étude de la solubilité des gaz ou des vapeurs dans l'eau et les différents liquides de l'organisme. C. rend. Soc. biol., 1927, 97: 1561-3.—**SeEVERS, M. H., & Stormont, R. T.** An apparatus for the dry microanalysis of gases adapted to biological studies. Am. J. Physiol., 1936, 116: 140.—**Singh, B. N., & Mathur, P. B.** A constant-volume apparatus for gas analysis. Biochem. J., Lond., 1936, 30: 321.—**Van Slyke, D. D.** Determination of solubilities of gases in liquids with use of the Van Slyke-Neill manometric apparatus for both saturation and analysis. J. Biol. Chem., 1939, 130: 545-54. Also repr.—**Vignoli, L., & Arnal, F.** Appareillage pour l'extraction continue et la dessiccation des gaz dissous dans l'eau. Bull. sc. pharm.,

Par., 1935, 42: 339-43.—Winchester, C. F. Mechanized gas analysis apparatus. *Rev. Sc. Instrum.*, 1938, 9: 134-8.

Biological effects.

See also **Anesthesia**; also under proper names of gases as **Helium**, &c.

Barach, A. L. Rare gases not essential to life. *Science*, 1934, 80: 593.—Doane, R. W. Effect of smelter gases on insects. *Ibid.*, 1917, 46: 295.—Gelhorn, E., & Steck, I. E. The effect of the inhalation of gases with a low oxygen and an increased carbon dioxide-tension on the peripheral blood flow in man. *Am. J. Physiol.*, 1938, 124: 735-41.—Hofer, R. Ueber die Wirkung von Gasgemischen (Potenzierung von Gaswirkungen). *Arch. exp. Path., Lpz.*, 1926, 111: 183-205.—Jong, H. de. La catatonie expérimentale par des substances gazeuses. *Psychiat. neur. bl.*, Amst., 1934, 38: 625-34.—Orcutt, F. S. & Waters, R. M. Possible influence of rare gases on physiology. *Current Res. Anesth.*, 1934, 13: 238.—Rudist, K. Untersuchungen über den Einfluss einiger gas- und dampfförmiger Mittel auf den menschlichen Organismus. *Wien. klin. Wschr.*, 1928, 41: 1372-4.—& Sihle, M. Untersuchungen über den Einfluss einiger gas- und dampfförmiger Mittel auf den menschlichen Organismus. *Ibid.*, 333-7.

Chemical properties.

HOFFER, R. A. *Ueber die Wirkung von Gasgemischen (Potenzierung von Gaswirkungen) [Würzburg] 23p. 8° [Lpz.] 1925.

Also *Arch. exp. Path., Lpz.*, 1926, 111: 183-205.

STAMM, W. *Ueber den Einfluss von Gasen auf die Reaktionen im festen Zustande. p.65-78. 8° Würzb., 1930.

Bradley, R. S. The compounds of the inert gases. *Science Progr.*, Lond., 1936, 31: 282-6.—Duciaux, M. J. La théorie chimique des gaz; les molécules (O_2) et (NO_2). *J. phys. radium*, Par., 1937, 7, ser. 8: 277-80.—Hasemann, W. Zersetzung von Leuchtgas und Kohlenoxyd durch Bakterien. *Biochem. Zschr.*, 1927, 184: 147-71.—Kallmann, H. Ueber die chemische Reaktion von Gasen. *Naturwissenschaften*, 1926, 14: 427-31.—Michaud, F. Contribution à la théorie énergétique des gaz. *J. chim. phys.*, Par., 1937, 34: 333-50.—Paul, M. Zur Theorie der realen Gase. *Zschr. phys. Chem.*, Abt. A, 1938-39, 183: 321-39.—Recklinghausen, M. von. Methoden und Apparate zur Verfolgung von Gasreaktionen bei gewöhnlicher Temperatur durch Beobachtung der Volumänderungen. *Ibid.*, 1894, 14: 491-505.

combustible, and explosive.

Aicher, V. Gefährlichkeit der Verwendung von komprimierten aktiven Gasen zum Anlassen von Explosionsmotoren. *Zschr. Gewerbehyg.*, 1918-19, 25: 97.—Beutler, H., & Polányi, M. Ueber hochverdünnte Flammen. *Zschr. phys. Chem.*, Abt. B, 1928, 1: 3-73.—Bodenstein, M., & Winter, E. Abschlussarbeiten am Chlorknallgas; Deutung des Reaktionsverlaufs bei sauerstofffreien Gasen. *Sitzber. Preuss. Akad. Wiss.*, 1936, phys. math. Kl., 2-18.—Bogdányi, I., & Polányi, M. Ueber hochverdünnte Flammen; Düsenflammen; Anstieg der Lichtausbeute bei wachsendem Partialdruck des Natriumdampfes. *Zschr. phys. Chem.*, Abt. B, 1928, 1: 21-9.—Hanson, T. K., & Egerton, A. C. Nitrogen oxide in internal combustion engine gases. *Proc. R. Soc. Lond.*, 1937, ser. A, 163: 90-100.—Lewis, B., & Kreutz, C. D. The effect of an electric field on the flame temperature of combustible gas mixtures. *J. Am. Chem. Soc.*, 1933, 55: 934-8.—Messinger, F. Autogenes Schweißen und Schneiden mit Leuchtgas und Sauerstoff. *Gesundh. Ingenieur*, 1924, 47: 457.—Morgner, Die Ursachen einer Gasexplosion in der Trockenkammer einer Glesserei. *Zbl. Gewerbehyg.*, 1917, 5: 138-42.—Ootuka, H., & Schay, G. Ueber hochverdünnte Flammen; die Natrium-Jodflamme. *Zschr. phys. Chem.*, Abt. B, 1928, 1: 62-7.—Ueber hochverdünnte Flammen; die Natrium-Sublimatflamme. *Ibid.*, 68-73.—Polányi, M., & Schay, G. Ueber hochverdünnte Flammen; die Natrium-Chlorflamme; Beweis und Ausbau des Reaktions- und Leuchtmechanismus; die beiden Reaktionstypen; Ueberblick über die ganze Untersuchung. *Ibid.*, 30-61.—Townend, D. T. A., & Chamberlain, E. A. C. The influence of pressure on the spontaneous ignition of inflammable gas-air mixtures; methane-, ethane-, and propane-air mixtures. *Proc. R. Soc. Lond.*, 1936, ser. A, 154: 95-112.

Compression, and fluidification.

Batuecas, T. Sur la compressibilité de certains gaz sous de faibles pressions. *J. chim. phys.*, Par., 1934, 31: 65-75.—Beattie, J. A. The apparatus and method used for the measurement of the compressibility of several gases in the range 0° to 325° C. *Proc. Am. Acad. Sci.*, 1934, 69: 389-405.—Guye, C. E., & Guye, H. Recherches sur la décharge disruptive dans les gaz aux pressions élevées. *C. rend. Congr. internat. radiol.* (1905) 1906, 1. Congr., sect. phys., French pt., 37-60.—Safe handling and use of compressed gas cylinders. *Nat. Safety News*, 1925, 2: No. 5, 25-7.—Veith, H., & Schröder, E. Schmelzdiagramme einiger binärer Systeme aus kondensierten Gasen. *Zschr. phys. Chem.*, Abt. A, 1937, 179: 16-22.—Winderlich, R. Geschichtliche Notiz zur Verflüssigung der Gase. *Arch. Gesch. Math. Naturwiss.*, 1927, 10: 356.

Electric properties.

See also **Ion**.

Bose, E. Untersuchungen über die elektromotorische Wirksamkeit der elementaren Gase. *Zschr. phys. Chem.*, 1901, 38: 1-27.—Glosios, T. Die Keimbildung an Ionen in übersättigten Dämpfen. *Kolloid Zschr.*, 1937, 80: 269-73.—Günther, P., & Cohn G. Die Anregung von Gasreaktionen durch Ionen. *Zschr. phys. Chem.*, Abt. B, 1934, 26: 8-22.—Henry, L. A. M. Etude des collisions entre molécules gazeuses et électrons lents. *Bull. Acad. Belgique*, 1939, 5, sér., 25: 256-68.—Ionescu, T. V. Sur les périodes propres des vibrations des gaz ionisés dans le champ magnétique. *C. rend. Acad. sc.*, 1936, 203: 57-9.—& Mirhul, C. Sur la constante diélectrique et la conductibilité des gaz ionisés. *J. phys. radium*, Par., 1935, 7, ser., 6: 35-48.—Martin, L. H., Bower, J. C., & Laby, T. H. Ionization in gases by X-rays as shown by expansion chamber observations. *J. Cancer Res. Com. Univ. Sydney*, 1934-35, 6: 131-43, 2 pl.—Massey, H. S. W., & Smith, R. A. The passage of positive ions through gases. *Proc. R. Soc. Lond.*, 1933, ser. A, 142: 142-72.—Pinkus, A. Recherches sur l'ionisation des gaz pendant les réactions chimiques; à propos d'un travail de A.-K. Brewer et F. Daniels. *J. chim. phys.*, Par., 1924, 21: 71-7.—Tyndall, A. M., & Pearce, A. F. The variation of the mobility of gaseous ions with temperature; positive ions in their own gas. *Proc. R. Soc. Lond.*, 1935, ser. A, 149: 426-34.—Virgitti, J. Etude théorique d'un transport d'ions par un courant de vapeur pour l'obtention de hautes tensions. *C. rend. Acad. sc.*, 1938, 206: 1367-9.—Watson, H. E., & Ramaswamy, K. L. The dielectric coefficients of gases; allene, allylene, butanes, butylenes, cyanogen, and hydrogen cyanide; fluorides of boron, nitrogen, and carbon. *Proc. R. Soc. Lond.*, 1936, ser. A, 156: 130-43.

exhaust.

See also **Carbon monoxide**.

Badham, C. Effects of exposure to exhaust fumes from Diesel buses. *Rep. Dir. Pub. Health N. S. Wales*, 1937, 101.—Béhague, P. Intoxication aiguë par gaz d'échappement des moteurs d'automobile. *Rev. neur.*, Par., 1938, 69: 390.—Castrovilli, G. La tossicità dei carburanti e dei gas di scappamento degli automezzi alimentati con benzina, nafta, gas di legno e di metano. *Rass. med. indust.*, 1939, 10: 1-16.—Gabbano, L., & Bagnolesi, U. Il potere tossico del gas di scappamento dei motori a gasogeno. *Igiene mod.*, 1938, 31: 251-6.—Gaullejac, R. de, & Dervillé, P. A propos des accidents d'intoxication occasionnés par les gaz d'échappement des moteurs d'automobiles et d'avions; mesures préventives. *J. méd. Bordeaux*, 1938, 115: 561.—Schmidtman, M. Ueber chronische Autoabgaschäden; Untersuchungen am Dieselmotor. *Arch. Gewerbehyg.*, 1937, 8: 1-13.—Ziegler, E. Besondere Gefährdung Halskranker durch Abgase beim Krankentransport. *Deut. Militärarzt*, 1938, 3: 193-6.

illuminating.

See also **Gas lighting**.

HERRFURTH[B.] A. *Zur Kenntnis der Schwefelverbindungen im Leuchtgas. 52p. 8° Lpz., 1906.

Brauer. Die Entgiftung des Stadtgases. *Arbeitsschutz*, 1937, 72-6.—Carpenter, C. Sulphur in gas. *Lancet*, Lond., 1913, 2: 1503.—Kohn-Abrest, E. Rapport sur une demande d'augmentation de la teneur en oxyde de carbone dans le gaz distribué par la Société du gaz de Paris. *Ann. hyg.*, Par., 1937, n. ser., 15: 12-39.—Maier & Sohler. Die wirtschaftliche Bedeutung der Klärgasgewinnung auf der Stuttgarter Hauptkläranlage auf Grund zweijähriger Betriebsergebnisse. *Gesundh. Ingenieur*, 1929, 52: 497-500.—Wregg, J. Endlich, giftfreies Leuchtgas. *Umschau*, 1936, 40: 941-3.

illuminating: Appliances and supply.

See also **Gas industry**.

Castner. Gasleitungen aus Aluminium. *Umschau*, 1930, 34: 163.—Elsas, F. Probleme der Ferngasversorgung. *Techn. Gemeindebl.*, 1929, 32: 101-3.—Martini, E. Costruzione di un semplice dispositivo per regolare la pressione del gas illuminante. *Boll. Soc. ital. biol. sper.*, 1930, 5: 554-6.—Pulst, F. W. Fortschritte im Bau von Gasgerätesicherungen, Zündsicherung und Gasmengenregler. *Zschr. Gewerbehyg.*, 1934, 41: 83; 106.—Rosenbach. Die deutsche Gross-Gasfernversorgung. *Zschr. ges. Krankenhauswes.*, 1928, 24: 283.—Schulze, W. H. Gas appliances and health. *Baltimore Health News*, 1930-31, 7-8: 11-3.

Physical properties.

BECHERER, A. [H.] *Ueber die Trägerbildung in Gasen durch atomare Strahlen [Heidelberg] 18p. 8° Würzb., 1935.

JUSTI, E. Spezifische Wärme, Enthalpie, Entropie und Dissoziation technischer Gase. 157p. 25½cm. Berl., 1938.

Alty, T. The exchange of energy between a gas and a solid or liquid surface. *Science Progr.*, Lond., 1936, 31: 436-48.—Auerbach, R. Disperse Gase. *Kolloid Zschr.*, 1936, 74:

- 129; 77: 161; 1937, 80: 27.—**Beutler, H.**, & **Levi, H.** Berechnung der Dissoziationswärmen von gasförmigem KCl, KBr, KJ, NaCl, NaBr, NaJ und LiJ in die Atome aus thermischen und optischen Daten (Anhang: die Verdampfungswärme des Kaliums und des Lithiums) Zschr. phys. Chem., Abt. B, 1934, 24: 263–81.—**Braune, H.**, **Basch, R.**, & **Wentzel, W.** Ueber die innere Reibung einiger Gase und Dämpfe; Luft und Brom. Ibid., 1928, 137: 176–92.—**Burr, A. C.** Notes on the history of the experimental determination of the thermal conductivity of gases. *Isis*, Bruges, 1934, 21: 169–86.—**Clark, A. L.**, & **Katz, L.** Resonance method for measuring the ratio of the specific heats of a gas, C_p/C_v . *Canad. J. Res.*, 1940, 18: Sect. A, 23; 39.—**Darbord, R.** Nouvelle théorie de l'écoulement des gaz très raréfiés. *J. phys. radium*, Par., 1932, 7, ser., 3: 345.—**Dostos, C.** Sur un cas particulier de la filtration. *C. rend. Acad. sc.*, 1924, 178: 1175–7.—**Dünwald, H.**, & **Wagner, C.** Methodik der Messung von Diffusionsgeschwindigkeiten bei Lösungsvorgängen von Gasen in festen Phasen. Zschr. phys. Chem., Abt. B, 1934, 24: 53–8.—**Elenbaas, W.** [Energy production in gas evaporation from a glowing coil as a function of pressure] *Ned. tschr. natuurk.*, 1939, 6: 77–88.—**Eucken, A.**, & **Bertram, A.** Die Ermittlung der Molwärme einiger Gase bei tiefen Temperaturen nach der Wärmeleitfähigkeitsmethode. Zschr. phys. Chem., Abt. B, 1935–36, 31: 361–81.—**Eucken, A.**, & **Mücke, O.** Die Bestimmung der wahren spezifischen Wärme einiger Gase bei hohen Temperaturen nach der Lummer-Pringsheimschen Methode. Ibid., 1932, 18: 167.—**Eucken, A.**, & **Nümann, E.** Die Stossanregung intramolekularer Schwingungen in Gasen und Gasmischungen; Schalldispersions- und Absorptionsmessungen an N_2O und CO_2 bei hohen Temperaturen. Ibid., 1937, 36: 163–83.—**Frank, A.**, & **Clusius, K.** Präzisionsmessungen der Verdampfungswärme der Gase O_2 , H_2S , PH_3 , A , COS , CH_4 und CH_3D . Ibid., 1939, 42: 395–421.—**Fricke, R.** Ueber das Wachsen von freischwebenden Gasblasen in mit demselben Gas übersättigten Flüssigkeiten. Ibid., 1923, 104: 363–402.—**Glansdorff, P.** Note sur les lois des mélanges gazeux. *J. chim. phys.*, Par., 1937, 34: 96–108.—**Haldane, J. S.** The extension of the gas laws to liquids and solids. *Biochem. J.*, Camb., 1918, 12: 464–98.—**Hammel, A. von.** Gaslöslichkeit in wässrigen Lösungen von Glycerin und Chloralhydrat. Zschr. phys. Chem., 1915, 90: 121–5.—**Harteck, P.**, & **Roeder, E.** Aktiver Wasserstoff, Sauerstoff und Stickstoff bei Drucken bis 20 mm Hg. Ibid., Abt. A, 1936–37, 178: 389–406.—**Heatley, A. H.** A note on the velocity distribution of gaseous molecules; and a table for obtaining values of the error function complement. *Canad. J. Res.*, 1940, 18: sect. B, 123–7.—**Hertel, E.**, & **Holt, H. von.** Austauschreaktionen zwischen fein verteilten kristallinen Phasen und Gasen. Zschr. phys. Chem., Abt. B, 1935, 28: 293–401.—**Jackson, J. M.**, & **Howarth, A.** Exchange of energy between inert gas atoms and a solid surface. *Proc. R. Soc., Lond.*, 1933, ser. A, 142: 447–56.—Exchange of energy between diatomic gas molecules and a solid surface. Ibid., ser. A, 152: 515–29.—**Lennard-Jones, J. E.**, & **Devonshire, A. F.** Critical phenomena in gases. Ibid., 1937, ser. A, 163: 53–70.—**Linehart, G. A.** Interpretation of the pressure-volume-temperature relations of single and composite gases. *J. Phys. Chem.*, 1934, 38: 1091–7.—**McCallum, S. P.** Spectral continua of the rare gases. *Nature*, Lond., 1938, 142: 614.—**Marcacci, A.** De la prétendue diffusion de certains gaz en présence de l'eau. *Arch. ital. biol.*, 1901–2, 36: 108.—**Mason, S. G.**, **Naldrett, S. N.**, & **Maass, O.** A study of the coexistence of the liquid and gaseous states of aggregation in the critical temperature region; ethane. *Canad. J. Res.*, 1940, 18: Sect. B, 103–17.—**Moles, E.** La méthode des densités limitées pour la détermination des poids moléculaires des gaz. *J. chim. phys.*, Par., 1937, 34: 49–69.—**Nieloux, M.**, & **Scotti-Foglieni, L.** Méthode générale d'étude de la solubilité des gaz et des vapeurs dans l'eau, le sérum et le sang total; application à l'éthylène, au chloroforme et au chlorure d'éthyle. *Ann. physiol.*, Par., 1929, 5: 434–82.—**Noyes, E. R.** Chart for the correction of gas volumes. *U. S. Nav. M. Bull.*, 1913, 7: 247, pl.—**Patat, F.**, & **Bartholomé, E.** Ueber die direkte Übertragung von Schwingungsenergie zwischen Gasmolekülen beim Stoss. Zschr. phys. Chem., Abt. B, 1936, 32: 396–406.—**Rankine, A. O.** On the viscosities of the gases of the argon group. *Proc. R. Soc., Lond.*, 1910, ser. A, 83: 516–25.—**Ray, S.** Ueber die Abhängigkeit der Avogadro'schen Zahl von der Teilchengröße. Zschr. phys. Chem., 1927, 128: 182–8.—**Ribaud, G.**, & **Vasilescu, V.** Viscosité des gaz aux températures élevées. *C. rend. Acad. sc.*, 1939, 208: 1884–6.—**Richardson, E. G.** Supersonic dispersion in gases. *Proc. R. Soc., Lond.*, 1934, ser. A, 146: 56–71.—**Rudolph, H.** Ueber Zerteilung von Gasen in Flüssigkeiten. *Kolloid Zschr.*, 1932, 60: 308.—**Savchenko, N. S.** [Table of coefficients to reduce vapor-saturated gases to a dry state 0° and 760mm] *J. Physiol. USSR*, 1936, 21: 649–56.—**Schröer, E.** Ueber die Darstellung der Zähigkeiten von binären Gasgemischen durch die gaskinetische Mischungsformel. Zschr. phys. Chem., Abt. B, 1939, 43: 103–8.—**Steuerer, E.**, & **Wolf, K. L.** Ueber die Wirkung zwischenmolekularer Kräfte in Gasen und Flüssigkeiten. Ibid., 1938, 39: 101–25.—**Tullio, P.**, & **Rangozzi, M.** Sopra le modificazioni della tensione superficiale di liquidi posti a contatto di varie sostanze gassose. *Boll. Soc. ital. biol. sper.*, 1933, 8: 336–9.—**Uhlig, H. H.** The solubilities of gases and surface tension. *J. Phys. Chem.*, 1937, 41: 1215–25.—**Watson, H. E.**, & **Ramaswamy, K. L.** The refractive index dispersion and polarization of gases. *Proc. R. Soc., Lond.*, 1936, ser. A, 156: 144–57.—**Zipperer, & Müller, G.** Zur Thermodynamik feuchter Gase. *Gesundh. Ingenieur*, 1931, 54: 537–41.
- **poisonous.**
- See also **Anesthesia; Chemical warfare; Gas poisoning; also poisonous gases.**
- BELL, J. C.** Noxious vapours which pollute the air. 11p. 19cm. Manchester, 1887.
- DAUTREBANDE, L.** Les gaz toxiques; physiologie, toxicologie, protection, thérapeutique. 371p. 8°. Par., 1933.
- FLURY, F.**, & **ZERNIK, F.** Schädliche Gase, Dämpfe, Nebel, Rauch- und Staubarten; mit autorisierter Benutzung des Werkes: Noxious Gases, von Henderson und Haggard. 637p. 8°. Berl., 1931.
- HENDERSON, Y.**, & **HAGGARD, H. W.** Noxious gases and the principles of respiration influencing their action. 220p. 8°. N. Y., 1927.
- Ancel, S.** Recherches sur la toxicité cellulaire de poisons gazeux et volatils; étude faite sur l'œuf de poule. *Arch. anat.*, Strasb., 1928, 8: 433; 1929, 9: 1.—**Blackmore, S.** Effects on the respiratory system of asphyxiating gases. *Lancet*, Lond., 1937, 1: 810.—**Brighan, C. E.** El futuro de los gases asfixiantes. *Rev. mil.*, La Paz, 1938, 2: 425; 575.—**Butjagin, P. W.** Experimentelle Studien über den Einfluss technisch und hygienisch wichtiger Gase und Dämpfe auf den Organismus. *Arch. Hyg.*, Berl., 1904, 42: 307–35.—**Carboneschi, C. L.** Ensayos preliminares. *Sem. méd.*, B. Air., 1932, 39: 62–73.—**Venenos gaseosos.** Ibid., 1935, 42: pt. 2, 998; 1936, 43: 539.—**Chambon, M.** Expérimentation en atmosphères de gaz toxiques à très faibles concentrations. *C. rend. Soc. biol.*, 1938, 129: 1191.—**Cousineau, A.**, & **Legg, F. G.** Hydrocyanic acid gas and other toxic gases in commercial fumigation. *Am. J. Pub. Health*, 1935, 25: 277–87 [Discussion] 287–94.—**Di Bella, L.** Tossicità della CO_2 , dell' H_2S e del gas illuminante in ambiente umido e in ambiente asciutto. *Arch. fisiol.*, Fir., 1937, 37: 291–318.—**Flury, F.** Die Wirkungen der aus Schlagwetteradern ausströmenden Gase. *Arch. Gewerbepath.*, 1935, 6: 257–69.—**Foulger, J. H.** Toxic organic vapors and gases. *J. Indust. Hyg.*, 1936, 18: 604–8.—**Fredrick, W. G.** Industrial gases and vapors. *Indust. Med.*, 1937, 6: 339–42.—**Gaisböck, F.** Zur Wirkungsart von giftigen Gasen und Dämpfen. *Wien. klin. Wschr.*, 1931, 44: 937–9.—**Gellner, G.** [Remarkable recent German publication on poisonous gases] *Voj. zdrav. listy*, 1927, 3: 44.—**Gilchrist, H. L.** The effects of chemical gases. *Tr. Nat. Safety Council*, 1931, 1: 183–9.—**Gill, G. H.** Poison gas filtration; basic principles. *Pharm. J.*, Lond., 1937, 84: 429.—**Hans, H.** Giftgase der Friedenszeit. *Med. Welt*, 1933, 7: 1832–4.—**Hautain, A.** Action physiologiques des grisous belges. *Rev. gén. clin. théor.*, 1935, 49: suppl., 2482.—**Hofmann, P.** Die Gefährdung der Tierwelt durch Industrieabgase. *Arch. Gewerbepath.*, 1936–37, 7: 670.—**Ivanoff, N.** Experimentelle Studien über den Einfluss technisch und hygienisch wichtiger Gase und Dämpfe auf den Organismus; über einige praktische wichtige Aldehyde (Formaldehyd, Acetaldehyd, Akrolein) *Arch. Hyg.*, Münch., 1911, 73: 307–40.—**Jány, J.**, & **Sellei, C.** Ueber die Wirkung einiger giftiger Gase auf den Stoffwechsel der Zelle. *Biochem. Zschr.*, 1934–35, 275: 234–41.—**Kato, K.** Ueber den Einfluss der Reizung der Nasenschleimhaut durch reizende Gase auf die Darmbewegung, den Blutdruck und die Atmung. *Okayama igakkai zasshi*, 1939, 51: 608.—**Kling, A.**, & **Rouilly, M.** Quelques dérivés fournis par action, sur le cholestérol, du phosgène, des chloroformates et carbonate de méthyle chlorés. *C. rend. Acad. sc.*, 1935, 201: 782–4.—**Lallemant, S.** Recherches sur la toxicité cellulaire de poisons gazeux et volatils. *J. pharm. chim.*, Par., 1929, 8, ser., 9: 380–90.—**Leites, R.** Experimentelle Studien über gleichzeitige Wirkung von Wärme und Giftgasen auf den Organismus. *Arch. Hyg.*, Münch., 1929, 102: 91–110.—**Lütken, W.** Experimentelle Studien über die gleichzeitige Wirkung von Arbeit und Giftgasen auf den Organismus. Ibid., 1927, 98: 59–69.—**Marshall, A.** Poison gas. *Nature*, Lond., 1935, 136: 170.—**Müller, W. J.** Ueber den Stand der Frage der Gasentgiftung. *Zschr. Gewerbepath.*, 1935, 42: 87; 108; 122.—**Pamfil, G. P.** Dosage des substances qui développent des gaz par le mélange avec des réactifs spéciaux. *C. rend. Soc. biol.*, 1923, 88: 924.—**Poison-gas** from the air. *Lancet*, Lond., 1934, 1: 856–60.—**Prell, H.** Die Schädigung der Tierwelt durch die Fernwirkungen von Industrieabgasen. *Arch. Gewerbepath.*, 1936–37, 7: 656–70.—**Ravenna, E.** Sui processi reattivi da inalazione di gas tossici. *Arch. ital. anat. pat.*, 1936, 7: scritti, 553–72.—**Rovida, G.** Apparato per ricerche sull'azione biologica di gas e vapori tossici (nota di tecnica). *Sperimentale*, 1927, 81: 183–93.—**Schütze, W.** Ueber die Gefährdung von Mensch und Tier durch grosse Konzentrationen einiger giftiger Gase von der Haut aus (Kohlenoxyd, Schwefelwasserstoff, Blausäure, Anilin) *Arch. Hyg.*, Münch., 1927, 98: 70–83.—**Schwarz, L.** Ueber industriell wichtige Gase und Dämpfe. *Med. Welt*, 1933, 7: 800; 839. Also repr.—**Sind Camphylen-** (künstlicher Kampfer) und **Paranitranilindämpfe** giftig? *Zschr. Gewerbepath.*, 1909, 16: 597; 623.—**Teissl, L.** Schädlichkeitsgrenzen von Gasen und

Dämpfen. *Ibid.*, 1933, 40: 119.—Ungar, G., & Bolgert, M. Libération d'une substance histaminique à la suite de l'inhalation de vapeurs irritantes. *C. rend. Soc. biol.*, 1938, 129: 929.—Von Oettingen, W. F. Toxic gases and vapors; their hazards and their control. *Indust. M.*, 1935, 4: 245-53.—Williams, D. B. Disabling-gas-producing chemicals. U. S. Patent Off., 1939, No. 2,159,241.—Winslow, C. E. A., & Greenberg, D. The effect of the respiration of putrid gases upon the growth of guinea pigs. *Proc. Soc. Exp. Biol.*, 1917-18, 15: 123.—Winter, J. Giftige und gefährliche Gase an Bord von Schiffen. *Arbeiterschutz*, 1935, 88.—Zangger, H. Die Bedeutung der flüchtigen giftigen Gase. *Schweiz. med. Wschr.*, 1929, 59: 325-31.—Zeehuisen, H. De l'action de quelques gaz et vapeurs toxiques sur les cobayes et les rats blancs. *Arch. néerl. physiol.*, 1922, 7: 146-50.—Zernik, F. Neuere Erkenntnisse auf dem Gebiete der schädlichen Gase und Dämpfe. *Erg. Hyg. Bakt.*, 1933, 14: 139-270.

— poisonous: Detection, and removal.

BERTRAND, V. *Détection de suspicion des gaz de combat et triage au poste de secours; le rôle du médecin. 32p. 23½cm. Par., 1939.

ZHITKOVA, A. S. Some methods for the detection and estimation of poisonous gases and vapors in the air; a practical manual for the industrial hygienist; transl. by Joseph B. Ficklen. 198p. 8°. West Hartford, 1936.

Aitken, R. G., & Warrington, C. J. S. Warning agent for poisonous gases. U. S. Patent Off., 1940, No. 2,203,764.—Alarmgeräte zur Anzeige gefährlicher Gase. *Reichsgesundhbl.*, 1939, 14: 211.—Anwendung (Die) von Indikatoren zur Erkennung giftiger Gase und Dämpfe. *Zschr. Gewerbehyg.*, 1936, 43: 153.—Chauveau, A., & Tissot, J. Outillage très simple et très sur, d'application aussi rapide que facile, pour rendre inoffensifs le séjour et le travail de l'homme dans les atmosphères irrespirables contaminées par des gaz délétères [Abstr.] *Techn. san.*, Louvain, 1901-2, 7: 333-40.—Cox, H. E. Tests available for the identification of small quantities of the war gases. *Analyst, Lond.*, 1939, 64: 807-13.—Dautrebande, L. La protection contre les gaz toxiques. *Dioscorides, Brux.*, 1939, 2: 9; 53.—Fleischmann, Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. *Zbl. Gewerbehyg.*, 1925, n. F., 2: 231-6.—Frage (Zur) der Verhütung von Unfällen durch Einatmung giftiger Gase bei Gaskraftmaschinen. *Ibid.*, 1907, 14: 559.—Gassner, L. Wie schützt man sich vor Schädigungen durch die in der Schädlingbekämpfung gebräuchlichen Giftgase? *Zschr. hyg. Zool.*, 1938, 30: 297-300.—Gerlach, Entgasung von gasgefährdeten unterirdischen Baumwerken und Räumen. *Arbeiterschutz*, 1933, 143-54.—Gill, G. H. Review of poison gas detection. *Pharm. J., Lond.*, 1938, 87: 549-51.—Graham-Rogers, C. T. Protection from gases, fumes and vapors. *Am. Labor Legisl. Rev.*, 1911, 1: 121.—Icard, S. Le ver de terre et la sangsue détecteurs physiologiques des gaz toxiques; leur utilisation en temps de guerre. *Marseille méd.*, 1939, 76: 396-415.—Kimplin, G. Nouveau détecteur des gaz de combat. *Nature, Par.*, 1938, 66: 174.—Kling, A. Méthode générale et rationnelle de détection des gaz de guerre. *Bull. Acad. méd., Par.*, 1938, 3. ser., 119: 75-82.—Lehmann, K. B. Erfahrungen über die Methoden zur Herstellung eines Luftstroms von gleichmäßigem Gehalt an Giftgasen. *Arch. Hyg., Münch.*, 1932, 108: 135-41.—Næslund, C. [Protection against arsine and phosphine poisoning by removal of fumes from air or nascent hydrogen] *Upsala läk. fören. förh.*, 1927, n. F., 32: 367-79.—Oliver, H. R. Détection des gaz toxiques à l'aide d'appareils de fortune. *Monde méd.*, 1940, 50: 38-42.—Philippi, E. Gasschutz und Entseuchung. *Wien. klin. Wschr.*, 1931, 44: 939.

— Use.

See also Anesthetization; Cancer, Treatment; and under names of gaseous substances.

BARACH, A. L. The therapeutic use of gases. p.434-533. 25cm. N. Y., 1940.

B, W. T. Verwendung betäubender Gase. *Wien. klin. Rdch.*, 1915, 29: 188-91.—Connell, K. Method and apparatus for the administration of gases. U. S. Patent Off., 1937, No. 2,073,192, pl.—Giraudeau. La gazothérapie. *Rev. gén. clin. thér.*, 1935, 49: 435-7.—Margulis, A. E., & Blezinger, G. A simple inexpensive device for the regulation of gaseous pressures. *J. Lab. Clin. M.*, 1936-37, 22: 1169-73.—Marshall, E. K., & Kolls, A. C. An apparatus for the administration of gases and vapors to animals. *J. Pharm. Exp. Ther.*, 1918-19, 12: 385-91.—Muller, L. Un régulateur de pression de gaz de construction simple et peu coûteuse. *C. rend. Soc. biol.*, 1928, 99: 1065-8.—Oldham, S. Gases used in medical practice. *Nurs. Times, Lond.*, 1938, 34: 941.—Siewert, G. Die Verwendung der Edelgase in der Medizin. *Deut. Apoth. Ztg.*, 1939, 54: 1200.—Sippel, M. E. Therapeutic uses of medicinal gases in office and bedside practice. *J. Oklahoma M. Ass.*, 1936, 29: 402-4.—Thomas, J. A. Un autodistributeur de vide et de gaz comprimés, pour usage physiologique ou d'autres applications. *C. rend. Acad. sc.*, 1939, 209: 1010-3.

GAS bacillus.

See specific names of gas-producing bacteria as *Clostridium*; *Colon bacillus*; also *Gas edema*; *Gas gangrene*.

GASBARRINI, Antonio, 1882—Malattie della bocca, dell'esofago, dello stomaco e del duodeno. p.261-358. 8°. Tor., 1931.

In *Med. int. (Ceconi) Tor.*, 1931, 2:

— Pancreatic acuta e cronica. 299p. illust. roy. 8°. Roma, L. Pozzi [1931]

— Lezioni di clinica medica. ii, 866p. 8°. Padova, A. Milani, 1934.

Lithographed.

GASCA, Henri. *A propos de 2 cas mortels d'éclampsie; avec vérification anatomique et étude histo-pathologique des principaux viscères. 33p. 8°. Lyon, Impr. du Salut Public, 1937.

GASCARD, Albert, 1861-1934.

Bougault, J. Nécrologie. *Bull. Acad. méd., Par.*, 1934, 3. ser., 111: 793-6.

GASCH, Jean Manuel Thomas, 1911—

*Contribution à l'étude des littrites chroniques à gonocoques. 43p. 8°. Par., L. Rodstein, 1937.

GASCON, Lucien, 1908—*Traitement ambulatoire des fistules ano-rectales. 56p. 8°. Par., A. Legrand, 1937.

GASDE, Helmut, 1909—*Ueber zerstückelnde Operationen an der Universitäts-Frauenklinik in Königsberg vom 1. 1. 1928 bis 31. 12. 1935. 25p. 20½cm. Königsb.-Pr., J. Raabe, 1936.

GAS edema.

See also Braxy; *Clostridium*; *Gas gangrene*.

ASCHOFF, L. Ueber die Gasödeme. 16p. 8°. Jena, 1938.

BISCHOFFSWERDER, K. H. *Die Gasödeminfektion in der Chirurgie. 45p. 8°. Frankf. a. M., 1936.

FRITZSCHE, K. *Ueber Gasödem und seine Infektionswege an Hand eines nach Infektion beobachteten Falles. 22p. 8°. Heidebb., 1934.

NEUWEILER, E. *Die Fälle von Gasödemkrankheit an der chirurgischen Abteilung des Kantonsospitals Aarau in den Jahren 1929-33. 36p. 8°. [Basel] 1935.

TOCHTROF, G. *Beitrag zur ruhenden Gasödeminfektion [Münster] 20p. 8°. Quakenbrück, 1937.

Agrifoglio, M. Lesioni ossee ed articolari da bacillo dell'edema maligno. *Arch. ital. chir.*, 1929, 23: 429-62.—Bergstrand, A. [Gas edema caused by therapeutic injections] *Hygiea, Stockh.*, 1935, 97: 794-800.—Bettleri, P. Contributo alla diagnosi microbiologica dello edema maligno. *Igiene mod.*, 1922, 15: 65-74.—Busse, H. Beitrag zur Klinik des Gasödems. *Münch. med. Wschr.*, 1937, 84: 1052.—Chisholm, M. A case of malignant edema. *Clin. J., Lond.*, 1911-12, 39: 62.—Cunningham, W. M. Report of a case of malignant edema. *Internat. J. Surg.*, 1906, 19: 390.—Dagaev, L. T. [Malignant edema ending in recovery]. *Voen. med. J. Moskva*, 1908, 223: med. spec. pt 209-14.—Fessler, J. Ueber Gasödeminfektion. *Deut. Zschr. Chir.*, 1929, 215: 248-65.—Fortner, J. Kurze Mitteilung zum Vortrag Zeissler. In *Probleme Bakt. (Kolle, W.)* Lpz., 1935, 126-7.—Gottesbüren, H. Decubitalgeschwür als Ausgangspunkt einer Gasödemkrankung. *Chirurg*, 1939, 11: 492-6.—Gray, D. Attenuated type of malignant edema. *J. Oklahoma M. Ass.*, 1923, 16: 220-2.—Heim, K. Zur Kenntnis der Gasödemkrankungen. *Zbl. Chir.*, 1932, 59: 2330.—Hertel, E. Ein Beitrag zur ruhenden Gasödeminfektion. *Beitr. klin. Chir.*, 1936, 163: 261-70.—Hoheisel, U. Ein Fall von malignem Oedem. *Zbl. Chir.*, 1934, 61: 2610.—Khoroshko, V. P. [The thoughts of a neuropathologist on a case of a malignant edema] *Sovet. klin.*, 1932, 18: 273-80.—Knapper, C. [Gas gangrene from endocytic infection, especially gas edema originating in the urinary tract] *Ned. tscrh. geneesk.*, 1929, 73: pt 2. 4792-807.—Luengo Marcos, P. El edema maligno. *Rev. espec. méd., Madr.*, 1907, 10: 541-53.—Macgregor, R. F. D. A case of malignant edema. *Ind. M. Gazz.*, 1911, 46: 340.—Mechling, C. G. Malignant edema. *Tr. Am. Proct. Soc.*, 1935, 36: 121.—Paso, J. R. El edema maligno carbunculo: relato de un caso a rara localización en miembro superior. *Sem. méd., B. Air.*, 1927, 34: 257-83.—Sgalitzer, M. Zur Röntgen-

untersuchung beim Gasödem. Arch. klin. Chir., Berl., 1929, 155: 509-14.—**Trabuc, F.** Auto-observation d'œdème malin de la face dorsale de la main par contamination nécropsique. Marseille méd., 1926, 63: 581-4.—**Troján, E.** Periurethritis und Periproktitis mit ausgebreiteter Nekrose, hervorgerufen durch den Bacillus oedematis maligni. Zschr. urol. Chir., 1928, 24: 273-6.—**Zeissler, J.** Ueber Gasödem. In Probleme Bakt. (Kolle, W.) Lpz., 1935, 117-23.

Immunology, and serotherapy.

Albrecht, B. Gasödemgifte und Gegengifte und deren Wertbestimmung. In Probleme Bakt. (Kolle, W.) Lpz., 1935, 128-39.—**Amgerer, H.** Zur Frage der Serumanwendung beim Gasödem. Arch. klin. Chir., 1933-34, 178: 179-91.—**Craddock, S., & Parish, H. J.** The serum treatment of anaërobic (vibrio septique) infections in mice. Brit. J. Exp. Path., 1931, 12: 389-93.—**Clotowa, E. W., Ostrowskaja, O. A.** [et al.] Ueber die Wertbestimmung der Gasödemseren. Zbl. Bakt., 1. Abt., 1934, 132: 57; 415. [Bemerkungen von T. Madsen] 249-54.—**Gottesbüren, L.** Die Bedeutung des Gasödemserums für die Prophylaxe und Behandlung der Gasödemkrankungen im Felde. Veröff. Heer. San., 1939, H. 109, 65-71.—**Karmann, H.** Immunisierungsversuche bei Gasödem. Zbl. Bakt., 1. Abt., 1927, 104: 171.—**Konjetzny, G. E.** Erfahrungen über Gasödemkrankungen unter besonderer Berücksichtigung der Gasödemserumbehandlung. Klin. Wschr., 1934, 13: 831-3.—**Lautenschläger, L.** Toxikologische Untersuchungen des M. Fickerschen Gasödemtoxins und seines spezifischen Antitoxins. Arch. exp. Path., Lpz., 1919-20, 85: 1-31.—**Löhr, W.** Ueber prophylaktischen Gasödemschutz durch deutsches Anaerobenserum. Arch. klin. Chir., 1931, 167: 721-6. [Discussion] 111-4.—**Ueber den jetzigen Stand der Erforschung und der Serumbehandlung des Gasödems. Beitr. klin. Chir., 1933, 158: 569-89.** Das Gasödem, seine klinische Diagnose und seine serologische Behandlung (zugleich ein Beitrag zur Wundbehandlung mit dem Lebertrangsip) Arch. klin. Chir., 1934, 179: 312-26.—**Menk, W.** Die Wertbestimmung der antitoxischen Gasödemsera. Zbl. Bakt., 1. Abt., 1929-30, 115: 401-13.—**Merten, A. N. E., & Oesterlin, E. J.** Antivirus treatment of malignant oedema infections. Ann. Surg., 1932, 95: 101-5.—**Peterssen, A.** Ueber die natürliche Resistenz und die antibakterielle Immunität gegen die Oedembazillen. In Probleme Bakt. (Kolle, W.) Lpz., 1935, 123-6.—**Schlossberger, H., & Menk, W.** Die Serumbehandlung der Gasödemkrankungen. Med. Klin., Berl., 1930, 26: 1261-3.—**Tschumakow, M. P.** Die Abhängigkeit des therapeutischen Effekts bei der Serumbehandlung von der Intaktheit des Retikuloendothelialsystems; die Bedeutung des Retikuloendothelialsystems bei der Serotherapie des Gasödems. Gior. batt. immun., 1936, 16: 681-4.—**Velikanov, I. M., & Tolstukhina, E. N.** Zur Erforschung der Immunität gegen die Mikroben des malignen Oedems. Zbl. Bakt., 1. Abt., 1931, 120: 78-83.—**Weinberg, M., Davesne, J., & Haber, P.** Sérum anti-vibrio-septique anti-O: son pouvoir préventif. C. rend. Soc. biol., 1932, 109: 841-3.—**Welikanow, I.** Zur Erforschung der Immunität gegen die Mikroben des malignen Oedems. Zschr. Immunforsch., 1931, 70: 184-6.—**Witte, J., & Schaaf, J.** Ueber die Spezifität und therapeutische Wirkung von Gasödemseren. Arch. wiss. prakt. Tierh., 1931-32, 64: 61-82. Also Zbl. Bakt., 1. Abt., 1931, 122: 87.

Treatment.

Jenckel, A. Zur Behandlung der Gasödeme. Zbl. Chir., 1935, 62: 786-90. Also Beitr. klin. Chir., 1935, 161: 650.—**Klose, F.** Ueber die Aetologie und spezifische Behandlung der Gasödemkrankung. Erg. Hyg., 1929, 4: 1-20.—**Konjetzny, G. E.** Gasödemkrankungen und ihre Behandlung. Med. Wk., 1940, 14: 185; 209, pl.—**Moritsch, P.** Gasödemfälle im Frieden und ihre Behandlung. Arch. klin. Chir., 1929, 155: 515-32.—**Natvig, H.** [Experimental investigations on the effect of prontosil in treatment of gas edema infections] Norsk. mag. lægevid., 1938, 99: 631-5.—**Novák, E.** [Gas edema] Orvosképzés, 1935, 25: dec. külöf. (T. Verebely Festschr.) 166-84.—**Rountree, R. P.** Oxygen treatment of malignant edema. J. Am. M. Ass., 1926, 86: 1345. Also repr.

in animals.

See also Braxy.

Berge, E., & Meyn, A. Beitrag zu den Gasödemem beim Pferde. Arch. wiss. prakt. Tierh., 1934, 68: 305-21.—**Carolis, L.** Su di un focolaio di paracaruncchio sintomatico (contributo alla conoscenza degli edemi gassosi dei bovini) Proflassi, 1937, 10: 64-8.—**Flückiger, G.** Die spezifische Behandlung des Geburtsrauschbrandes und anderer Gasödemkrankungen der Haustiere. Schweiz. Arch. Tierh., 1932, 74: 55-63.—**Gerlach, F., & Baumann, R.** Untersuchungen über Gasödemfälle bei Rindern in Oesterreich in den Jahren 1926-27. Zschr. Infekter. Haustiere, 1928, 34: 153-9, pl.—**Heelsbergen, T. van** [Gaseous edema in a cat] Tsch. diergeneesk., 1927, 54: 749.—**Hupks, E.** Ueber Gasödemkrankungen nach subkutanen Injektionen von Arzneimitteln. Deut. tierärztl. Wschr., 1937, 45: 9-12.—**Karmann, P., & Seifried, O.** Zur Gasödemfrage. Zschr. Infekter. Haustiere, 1925, 28: 304; 1926, 29: 1, 2 pl.—**Livesey, G. H.** Malignant oedema in the dog. Vet. Rec., Lond., 1906, 19: 356.—**Miessner, H., & Meyn, A.** Zeitiger Stand der Gasödemfrage. Deut. tierärztl. Wschr., 1927, 35: 548-50.—**Miessner, H., & Schoop, G.** Gasödem der Haustiere. Erg. Hyg., Bakt., 1930, 11: 447-98. — Die Fortner-Methode

in der Diagnostik der Gasödembazillen. Deut. tierärztl. Wschr., 1934, 42: 323-6. — Aufzuchtkrankheiten, Gasödemkrankungen. Ibid., 493-5.—**Mihalescu, M.** Le problème des œdèmes gazeux des bovidés. Papers Internat. Vet. Congr., 1934, 12. Congr., No. 33.—**Piening, C.** Infektion mit dem Novyschen Bazillus des malignen Oedems (Bac. oedematis) bei einem Schwan. Deut. tierärztl. Wschr., 1932, 40: 466.—**Schock, D.** Drei Fälle von Gasödem beim Pferde. Berl. tierärztl. Wschr., 1918, 34: 392.—**Schoop, G., & Stolz, A.** Behandlungsversuche mit Lachesis Bengen bei Pararanschbrand und Novyödem. Deut. tierärztl. Wschr., 1940, 48: 108-10.—**Scott, J. P.** Gas edema diseases. Papers Internat. Vet. Congr., 1934, 12. Congr., No. 11.

GAS gangrene.

See also Gas edema.

ABREU, F. O. M. DE. *Gangrena gaseosa. 96p. 8°. Rio, 1903.
Fiori, P. Infezioni gassose. p.383-648. 25cm. Bologna [1920]
GOEBE, A. *Beitrag zur Kenntnis der Gasgangrän. 18p. 8°. [Berl.] 1928.
HOPKES, J. A. *Ueber Gasbrand [Marburg] 5p. 8°. [Lpz.] 1917.
MOIROUD, P., & VIGNES, H. La gangrène gazeuse et les plaies gangréneuses; bibliographie analytique des travaux récents. 35p. 8°. Par. [1917]

Also Rev. path. comp., Par., 1915, 15: 311; 359; 426.

GANDLER, A. *Ueber die Gasgangrän [Würzburg] 14p. 8°. Jena, 1902.

Akin, O. F., & Carlson, E. Gas gangrene. Med. Sentinel, 1927, 35: 428-31.—**Bonhoff.** Ueber Gasphlegmone. Münch. med. Wschr., 1917, 64: 762.—**Challer, A.** La gangrène gazeuse. Avénir méd., Par., 1940, 37: 44-7.—**Choksy, N. H.** Acute emphysematous gangrene. Lancet, Lond., 1901, 2: 1572-4.—**Craig, C.** Gas gangrene. Med. J. Australia, 1934, 1: 309.—**Davis, R. B.** Gas gangrene. South. M. & S., 1929, 91: 541-4.—**Fessler, A.** Weitere Erfahrungen über die Gasphlegmone. Münch. med. Wschr., 1915, 62: 1581.—**Gas gangrene.** Brit. M. J., 1916, 2: 663; 1917, 1: 466.—**Gas gangrene.** Med. Rec., N. Y., 1917, 92: 1119.—**Hagemann.** Ueber Gasphlegmone. Deut. med. Wschr., 1916, 42: 178.—**Hawk, G. W., & Woodhouse, K. W.** Gas gangrene. Guthrie Clin. Bull., 1938-39, 8: 53-62.—**Heroic (A)** deed of the war. J. Am. M. Ass., 1928, 90: 1053.—**Iacobelli, F.** Sulla gangrena gassosa. Boll. clin., Milano, 1904, 21: 161-7. Also Riforma med., 1904, 20: 281-6.—**Jaeger, F.** Gasbrand. Münch. med. Wschr., 1939, 86: 1495.—**Kappler, M. D.** Gas gangrene. Indust. M., 1938, 7: 322-6.—**Kellett, C. E.** The early history of gas gangrene. Ann. M. Hist., 1939, 3. ser., 1: 452-9.—**Larget, M.** Gas gangrene. Bull. méd. Par., 1936, 50: No. 18, Suppl.—**Malone, B.** Gas gangrene. Indust. M., 1936, 5: 417-9.—**Mellies, G. A.** Emphysematous gangrene. Clin. Rep., S. Louis, 1911, 24: 110.—**Michell, B. A. C.** Gas gangrene. Nurs. Times, Lond., 1939, 35: 1150.—**Miller, W. M.** Gas gangrene in civil life. Surg. Gyn. Obst., 1932, 54: 232-8.—**Myers, L. A.** Gas gangrene. Med. Rec., Houston, 1934, 28: 584-6.—**Perkins, P. A.** Gas gangrene. J. Tennessee M. Ass., 1934, 27: 246-51.—**Porter, A. R., jr.** Gas gangrene. Ibid., 1928-29, 21: 344-7.—**Raven, R. W.** Gas gangrene. Postgrad. M. J., Lond., 1940, 16: 149-56.—**Recent work on gaseous gangrene.** J. Am. M. Ass., 1917, 69: 2184.—**Reckling, W. E.** Gas gangrene. Colorado M., 1935, 32: 143.—**Rice, H.** Gas gangrene: causes and treatment. Southwest J. M. & S., 1933, 17: 225-9.—**Sacquépée, E.** Sur la gangrène gazeuse. Bull. Soc. méd. hôp. Paris, 1915, 3. ser., 39: 965-7.—**Saint-Jacques, E., & Lanthier, R.** La gangrène gazeuse; quand apparaît-elle? à quels signes la reconnaître? son traitement. Union méd. Canada, 1938, 67: 155-7.—**Simpson-Smith, A.** Colour cinematograph film of case of gas gangrene. West London M. J., 1937, 42: 61.—**Stamm, M.** Emphysematous gangrene. Tr. Ohio M. Soc., 1902, 193-202. Also Cleveland M. J., 1902, 1: 349-55.—**Steel, W. A.** Gas gangrene. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 751-3, pl.—**Tullidge, E. K.** Gas gangrene. N. York M. J., 1916, 103: 983-5. Also repr.—**Walker, B.** Gas gangrene. Lancet, Lond., 1939, 1: 150.—**Weinberg, M.** Bacteriology, etiology and serotherapy of infections of wounds (traumatoses) especially of gas gangrene; the Mary Scott Newbold lecture. Tr. Coll. Physicians Philadelphia, 1930, 52: 118-32.—**White, R. J.** Gas gangrene. Texas J. M., 1938-39, 34: 271-6.—**Wieland, F.** Gangrena gaseosa. Gac. peru. cir. med., 1938-39, 1: No. 12, 1-4.

Bacteriology.

See also specific names of bacteria as *Bacillus welchii*; *Clostridium*.

LEGROS, G. *Recherches bactériologiques sur les gangrènes gazeuses aiguës. 74p. 8°. Par., 1902.

Also Bull. Acad. méd., Par., 1902, 3. ser., 48: 502. Also Gaz. hôp., 1902, 75: 1121.

MAYER, E. *Ueber einen aeroben Gasbrand-
reger [Erlangen] 25p. 21cm. Würzb., 1937.

Ayukawa, K. Vergleichende Untersuchungen über die Wirkung der Tiefenantisepтика auf Gasbrandbazillen. Deut. Zschr. Chir., 1926, 199: 244-51.—Bacteriological and experimental researches on gas gangrene. Ther. Gaz., Detr., 1917, 3, ser., 33: 168-70.—Beitzke, H. Zur Frage der Uebertragbarkeit des Gasbrandes. Berl. klin. Wschr., 1918, 55: 1143.—Bonomini, B. Ricerche sulle proprietà emolitiche degli anaerobi patogeni della gangrena gassosa. Arch. sc. med., Tor., 1927, 49: 616-24.—Chalier, A., Richer, V., & Charpentier, R. Réflexions sur l'étiologie de la gangrène gazeuse. Lyon chir., 1938, 35: 53-60.—Chiarolamza, R. Ricerche sperimentali intorno alle infezioni miste da stafilococco e da streptococco con un bacillo isolato in un caso di gangrena gassosa. Tommasi, Nap., 1907, 3: 483-7.—De Angelis, G. Z. Anaerobi e suppurazioni fetido-gassose. Bull. sc. med., Bologna, 1912, 8, ser., 13: 148-94.—Duvergey, J. Gangrène gazeuse à streptocoques. Gaz. sc. méd. Bordeaux, 1910, 31: 27.—Ghon, A., & Sachs, M. Zur Aetiologie des Gasbrandes. Zbl. Bakt., 1. Abt., 1903, 34: 289; 35: 665; 1904, 36: 1.—Kolpakova, T. A. [Methods of bacteriological diagnosis of gas gangrene] Vest. khir., 1940, 59: 274-8.—Kossovsky, A. S. [Virulence of anaerobic gas gangrene in passage in vitro] J. mikrob., Moskva, 1937, 18: 52-5.—Krestovnikova, V. A., & Kalinina, L. G. [Method of quick diagnosis of agents of gas gangrene] Sovet. vrach. gaz., 1933, 37: 147-52.—Lawrynowicz, A. [Present state of research on anaerobes of gas gangrene] Lek. wojsk., 1936, 27: 705-12.—Meisel, H. [Antigen production of gas bacteria] Polska gaz. lek., 1938, 17: 46-8.—Minkenhof, J. E. [Case of gas gangrene in which the Welch bacillus could be cultivated] Antoonie van Leeuwenhoek, 1934, 1: 199-208, 2 pl.—Mitelman, P. M. [New anaerobe from the group of gangrenous microbes] Ann. Mechnikov. Inst., Kharkov, 1935, 1: 51-66. Also Bull. Inst. Metchnikoff, Kharkov, 1936, 39-42. — & Nechaievsky, M. Early diagnosis of B. perfringens in cases of gas gangrene. Ibid., 59-62.—Nestorescu, N. [On the gangrene bacteria and the gangrenous infection] Rev. st. med., Bucur., 1937, 26: 585-611.—Rist, E. Anaerobies pathogènes et suppurations gangréneuses. Bull. Inst. Pasteur, Par., 1905, 3: 1-8; 49.—Rizzo, L. Contributo all'etiologia della gangrena gassosa. Arch. internat. chir., Gand, 1903, 1: 165-73.—Sacerdote, G. Gli agenti della gangrena gassosa nella pratica civile. Arch. Soc. ital. chir., 1930, 36: 921-3.—Sordelli, A., Soriano, S. [et al.] Contribución al estudio de la flora de la gangrena gaseosa humana; un nuevo bacilo anaerobio. Rev. Inst. bact. Dep. nac. hig., B. Air., 1934, 6: 413-33.—Taylor, K. Observations on the pathology and bacteriology of gas gangrene. J. Path. Bact., Camb., 1916, 20: 384-94, pl.—Trías Maxenchs, A. Traumatismo gangrenoso pútrido (estudios bacteriológicos) Rev. méd. Barcelona, 1926, 2, ser., 6: 208-24.—Uchino, H., & Okubo, S. On anaerobic bacilli isolated from cases of gas gangrene during Shanghai hostilities. Bull. Nav. M. Ass., Tokyo, 1933, 22: No. 3, 1.—Velikanov, I. M. Pavliuchenko, & Chumakov, M. P. [Early diagnosis of microbes of gas gangrene] J. epidem. mikrob., Moskva, 1932, 1: 37-44.

Clinical aspect.

GROSSE-FRIE, B. *Zur Kasuistik des Gasbrandes in Friedenszeiten [Münster] 39p. 8° Emsdetten, 1931.

HENN, K. *Der Gasbrand; Studie an Hand von 19 Fällen der Heidelberger chirurgischen Klinik [Heidelberg] 24p. 20½cm. Kandel, [1935]

KRUSE, B. *Ueber Gasbrandinfektionen in der Friedenschirurgie mit Ausschluss der Unfallverletzungen [Düsseldorf] 31p. 8° Quakenbrück, 1931.

Arapov, D. A., Velikanov, I. M., & Voronov, G. [Gas gangrene] Sovet. khir., 1933, 4: 3-12.—Baldwin, J. H., & Gilmour, W. R. A study of gas gangrene in civil surgery. Ann. Surg., 1927, 85: 161-72.—Bates, M. T. Gas gangrene. Ibid., 1937, 105: 257-64.—Bernex. Gangrène gazeuse du bras à la suite d'un coup de feu; guérison. J. méd. Bordeaux, 1901, 31: 92; 110.—Brickner, W. M., & Milch, H. Gas gangrene infections. Internat. Clin., 1926, 36, ser., 4: 226-38.—Burke, H. A. Gas gangrene. Internat. J. Surg., 1926, 39: 192-4.—Callander, C. L., Haim, A., & Maximov, A. Gas gangrene; an analysis of 109 cases encountered in civil practice. Am. J. Surg., 1938, 42: 811-23.—Cestan, E. Un cas de gangrène gazeuse du bras. Toulouse méd., 1900, 2, ser., 2: 147-9.—Chalier, A., & Chalier, J. Que faut-il entendre par gangrène gazeuse? Monde méd., 1918, 27: 129; 169.—Coleman, E. P., & Bennett, D. A. Personal experiences with gas bacillus infection; a report of 41 cases. Am. J. Surg., 1939, 43: 77-80.—Collier, F. A., & Perham, W. S. Gas gangrene in civil surgery. Mil. Surgeon, 1937, 81: 27-38. Also repr.—Corner, E. M., & Singer, H. D. Acute emphysematous gangrene; a clinical and bacteriological digest, with details of a new case. Lancet, Lond., 1900, 2: 1408-12.—Curat & Lasala. Gangrena gaseosa traumática. Bol. Soc. cir. B. Aires, 1933, 17: 56-65.—Dagneau, P. C., & Trempe, F. Un cas de gangrène gazeuse. Bull. Soc. méd. hôp. Québec, 1934, 51-3.—Dye, F. E. Gas gangrene; report of 4 cases. Med. Rec., Houston, 1928, 22: 155-7.—

Eckhoff, N. L. Gas gangrene in civil surgery. Brit. J. Surg., 1930, 18: 38-48.—Eliot, E., jr., & Easton, E. R. Gas gangrene; a review of 17 cases. Ann. Surg., 1935, 101: 1393-405.—Ellis, E. C. Gas gangrene following a motor accident. Brit. M. J., 1927, 2: 1184.—Farrell, H. W. A case of gas gangrene. Ind. M. Gaz., 1936, 71: 276.—Ferraton. Trois cas de gangrène gazeuse terminés par guérison. Arch. méd. pharm. mil., 1902, 40: 64-71.—Fortune, S. T., & Vickers, D. M. Gas gangrene in civil practice; with a report of 3 cases. Surg. Gyn. Obst., 1925, 41: 187-90.—Füh-Yuan-Hsüan & Nakai, S. Ueber drei Fälle von Gasphlegmonen. J. Orient. M., Dairen, 1934, 21: 6. Also Polyclin. Dairen, 1934-36, 6: No. 12, 6.—Gamble, H. A. Acute emphysematous gangrene. Internat. J. Surg., 1915, 28: 401-3.—Ghormley, R. K. Gas gangrene and gas infections. Proc. Mayo Clin., 1935, 10: 312-4. Also J. Bone Surg., 1935, 17: 907-15.—Goddard, L. A. O. Report of unusual gas infection, with compound fracture and bridging of new bone without bone transplant. Ibid., 1923, 5: 804-7.—Hale, J. H. Gas gangrene: report of 2 cases. J. Nat. M. Ass., Newark, 1933, 25: 167-9.—Hayman, F. K. Case of gas gangrene in civil practice. Brit. M. J., 1917, 1: 14.—Hendry, A. M. Latent gas gangrene infection. Brit. J. Surg., 1929-30, 17: 467-72.—Hollósi, K. [Gas gangrene in the 6th decade of life] Orv. hetil., 1936, 80: 78-80.—Klein, S. A. [Gas phlegmone] Geneesk. gids, 1940, 18: 252; 282; 306.—Koch, F. [Gas phlegmon in the Lund surgical clinic during 1920-36] Hygiea, Stockh., 1938, 100: 194-211.—Legros & Lecène. Un cas de gangrène gazeuse aiguë mortelle. C. rend. Soc. biol., 1901, 11, ser., 3: 680-2.—Loubat, E. Sur le rôle des troubles circulatoires dans l'apparition de la gangrène gazeuse. Bull. Soc. méd. chir. Bordeaux, (1925) 1926 467-71. — & Miollis, J. de. La gangrène gazeuse d'apparition tardive. J. méd. Bordeaux, 1926, 56: 569-72.—Macey, H. B. Gas gangrene, report of case. Proc. Mayo Clin., 1939, 14: 180-3.—McGill, H. W. A case of gas gangrene. Canad. M. Ass. J., 1928, 18: 692-4.—Maculis, St. [Two fatal cases of postoperative anaerobic infections] Medicina, Kaunas, 1936, 17: 754-6.—Malpractice; gas gangrene following injury to hand. J. Am. M. Ass., 1940, 114: 2498.—Marshall, F. W. Gas gangrene following a motor accident. Brit. M. J., 1927, 2: 1183.—Melnikov, A. V. [Role and significance of gas infection in surgical diseases] Vest. khir., 1937, 51: 36; 54. — [Certain clinical questions in traumatic, gas infection] Sovet. med., 1939, 18-22.—Merk. Ein Fall von Gasgangrän. Münch. med. Wschr., 1906, 53: 2176.—Mitchell, O. W. H., Bryant, T. L., & Chapman, O. D. Gas gangrene; morbidity and mortality in New York State, exclusive of New York City, based on general hospital reports for the years 1932-36 inclusive. N. York State J. M., 1938, 38: 1022-5.—Newell, E. D. Gas gangrene. Tr. South. Surg. Ass., 1938, 51: 394-400. Also Ann. Surg., 1939, 110: 100-6.—Owen, H. R., & Thompson, W. D., jr. Gas gangrene. Am. J. Surg., 1939, 44: 39-45.—Pellegriani, A. Infezioni gangrenoso-gassose post-operatorie. Riv. chir., Nap., 1935, 1: 645-55.—Porter, A. R., jr. Gas gangrene in civil practice. Memphis M. J., 1926, 3: 260-2.—Ramsey, C. H. Gas gangrene infections in industrial practice with especial reference to infections following compound fractures and other accidents. South. M. J., 1938, 31: 775-8.—Riddell, L. A. Gas gangrene in a child. Brit. M. J., 1936, 1: 159.—Roberts, C. W. Gas gangrene, with a report of 2 cases. Hosp. Bull. Univ. Maryland, 1911, 7: 130-2.—Scheffelaar Klotz, T. [Gas gangrene; report of a case] Geneesk. gids, 1930, 8: 725-35.—Schmidt, L. M. Gas gangrene following trauma; report of 3 cases. Maine M. J., 1936, 27: 123-8.—Searby, H. Gas gangrene. Clin. Rep. Melbourne Hosp., 1938, 9: 1-13.—Sedlaczek, E. Ein Beitrag zur klinischen Erfahrung über die Gasbrandinfektion. Med. Welt, 1938, 12: 956. Also Zbl. Chir., 1938, 65: 1406-9.—Sewell, R. L. Gas gangrene of the trunk with recovery and residual cardiac damage. N. York State J. M., 1940, 40: 57.—Siebner, M. Gasbrand und Friedensverletzungen. Deut. Zschr. Chir., 1929, 216: 59-77.—Tejerina Fotheringham, W. Gangrena gaseosa. Rev. Centr. estud. Fac. cienc. méd., Rosario, 1939, 19: No. 59, 21-30.—Thévenot. Gangrène gazeuse bénigne du membre inférieur droit remontant jusqu'à la racine de la cuisse, après un écrasement du pied par roue de wagon; conservation du membre; guérison. Gaz. hôp., 1901, 74: 869.—Thorek, P. Gas gangrene. Am. J. Surg., 1937, 36: 22-5.—Weintrob, M., & Messeloff, C. R. Gas gangrene in civil practice. Am. J. M. Sc., 1927, 174: 801-19.—Wilensky, A. O. Gas gangrene. Surg. Gyn. Obst., 1918, 27: Internat. Abstr. Surg., 187-95.—Wullenweber. Gasbrandkrankung mit Genesung. Deut. med. Wschr., 1934, 60: 901.

Diagnosis.

See also Cellulitis; Subcutis, Emphysema.

Blumenthal, N. L., & Feider, B. V. [Early serological diagnosis of gas gangrene] J. mikrob., Moskva, 1938, 19: 863-71.—Brailsford, J. F. X-rays in diagnosis and treatment of gas gangrene. Brit. M. J., 1940, 1: 247-9.—Bustos, F. M. El signo de Lardénnois en la gangrena gaseosa. Bol. Soc. cir. B. Aires, 1939, 23: 839-42.—Davis, G. G., & Hanelin, H. A. Gas bacillus infection; diagnosis and treatment. Indust. M., 1936, 5: 234-44.—Dorofeev, A. A., & Skrypnik, P. F. [Precipitating serum obtained from rabbits for early diagnosis of gas gangrene] Sovet. vrach. gaz., 1934, 38: 1428-32.—Görtzen, J. Die ätiologische Diagnose menschlicher Gasbrandinfektionen. Deut. med. Wschr., 1936, 62: 706.—Grilli, A. L'aspetto radiologico della gangrena gassosa iniziale ed avanzata.

Radiol. med., Milano, 1939, 26: 843-50.—Kovtunovich, G. P., & Chernaia, L. A. [Diagnosis of gas infection] Khirurgia, Moskva, 1939, No. 2-3, 37-40.—Lingeman, L. R. Infection of soft tissue by gas producing organisms; early recognition by roentgenograms; report of 5 cases. N. York State J. M., 1936, 36: 259-63.—Nechaievsky, M. The reaction of ring precipitation for the specific diagnosis of gas gangrene. Bull. Inst. Metchnikoff, Kharkov, 1936, 63.—Rhinehart, D. A. Gas and air in the tissues: a roentgenological study. South. M. J., 1931, 24: 569-74.—Schneider, J. Bedeutung des Röntgenbildes für Diagnose und Therapie des Gasbrandes einer Extremität. Röntgenpraxis, 1934, 6: 522-4.—Sibrovich, Labuzdko & Farafonova [Early diagnosis of gas gangrene] Tr. Acad. mil. méd. Kiroff, 1934, 1: 384-7.—Zhmur, V. A. [Diagnosis and treatment of gas gangrene] Khirurgia, Moskva, 1937, No. 7, 8-14.

Immunology, and serology.

See also subheading Treatment: Serotherapy.

Antitoxin for gas gangrene. J. Am. M. Ass., 1917, 69: 41.—**Barotte, J.** Polyvalence et spécificité du sérum antigangréneux utilisé en médecine vétérinaire. Bull. Acad. vét. France, 1929, 2: 310-8.—**Bengston, I. A., & Ipsen, J.** A proposed international standard for gas-gangrene antitoxin (Sordelli) Bull. Health Org. League of Nat., 1939, 8: 856-61.—**Büller Souto, A., & Rivarola, J. B.** Preparación del suero antigangrenoso; antiperringens; antioedematis-maligni; antioedematis; antihistolyticum. Rev. san. mil., Asunción, 1937-38, 10: 657-775.—**Preparación del suero antigangrenoso.** Mem. Inst. Butantan, 1938-39, 12: 385-485.—**Chernaia, L. A.** [Some experimental data on the mechanism of the effect of anti-gangrenous serum] Khirurgia, Moskva, 1939, No. 2-3, 41-8.—**Fasiani, G. M., & Zironi, A.** Sieri antigangrenosi. Arch. Soc. ital. chir. (1926) 1927, 639-44.—**Gas gangrene antitoxic serum.** Brit. M. J., 1918, 1: 62.—**Gas-gangrene antitoxin (vibrio septique) proposal to change the strength of the standard solution.** Bull. Health Org. League of Nat., 1938, 7: 815-7.—**Glotova, E. V.** Etude comparée des sérums étalons antigangréneux internationaux et soviétiques. Ann. Inst. Pasteur, Par., 1937, 59: 526-35.—**Ostrovskaja, O. A., & Milashevskaja, V. G.** [Titration of anti-gangrenous serums] J. epidem. mikrob., Moskva, 1932, 1: 44-52.—**Glotova, E. V., & Silanova, I. V.** [Titration of anti-gangrenous serums] Ibid., 1933, 2: 64-8.—**Ipsen, J.** The preparation of test toxins suitable for the assay of gas-gangrene antitoxins (perringens) Bull. Health Org. League of Nat., 1939, 8: 849-55.—**Smith, M. L., & Sordelli, A.** Comparative titrations of gas-gangrene antitoxins (perringens) Ibid., 797-824.—**Jensen, C.** A proposed international standard for gas-gangrene antitoxin (hystolyticus) Q. Bull. Health Org. League of Nat., 1936, 5: 659-89.—**Lahiri, D. C.** Experimental studies to guide the selection of the most satisfactory type of anti-welchii serum for the prevention and treatment of gas gangrene in man. Ind. J. M. Res., 1938, 26: 401-9.—**Ong Sian Gwan.** Essais de vaccination par voie cutanée contre la gangrène par l'antivirus gangréneux. C. rend. Soc. biol., 1932, 109: 78.—**Prigge, R.** Ueber Wirksamkeit und Antitoxingehalt des Gasbrandserums. Deut. med. Wschr., 1937, 63: 1906-8.—**Radovitch, M.** [Antigangrene sera and their use] Voj. san. glasnik, 1931, 2: 656-66.—**Spät, W.** Gasbrandstudien. Zschr. Immunforsch., 1929, 60: 113-20.—**Stewart, S. E., & Bengston, I. A.** Studies on the standardization of gas gangrene antitoxin (Sordelli) Pub. Health Rep., Wash., 1939, 54: 1435-41.—**Tzekhnovitzer, M., & Karouth, T.** Essais de titrage, par voie cutanée des antigènes gangréneux et des sérums antigangréneux. C. rend. Soc. biol., 1930, 103: 1094-6.—**Valladolid Oms, F.** Elaboración del suero antigangrenoso. Siglo méd., 1929, 84: 4-6.—**Velikanov, I., & Kavenoki, F.** [Study of immunity against gas gangrene] Klin. med., Moskva, 1931, 9: 1003-6. Also J. mikrob., Moskva, 1932, 9: 86.—**Walbum, L. E., & Reymann, G. C.** Memorandum concerning an international standard for gas-gangrene antitoxin (hystolyticus) Q. Bull. Health Org. League of Nat., 1936, 5: 690-4.—**Weinberg, M.** A propos de la préparation de sérums antigangréneux; sérums antimicrobiens, antitoxiques, antimicrobiens et antitoxiques. C. rend. Soc. biol., 1923, 89: 463-6.—**Modes d'action du sérum antigangréneux polyvalent dans le traitement des infections polymicrobiennes.** Bull. Acad. méd., Par., 1931, 3. ser., 105: 124-6.—**Barotte, J.** Synergie des anticorps du sérum antigangréneux polyvalent. C. rend. Soc. biol., 1928, 98: 562-4.—**Préparation des sérums antigangréneux monovalents avec des toxines formolées.** Ann. Inst. Pasteur, Par., 1929, 43: 453-536.—**Propriétés des sérums antigangréneux préparés par injections de microbes formolés seuls.** C. rend. Soc. biol., 1929, 100: 19-21.—**L'emploi des toxines formolées dans la préparation des sérums antigangréneux.** Ibid., 21-3.—**Renforcement réciproque des facteurs antigéniques, toxiques et microbiens dans la préparation des sérums antigangréneux.** Ibid., 94.—**Weinberg, M., Davesne, J., & Prévot, A. R.** Recherches sur la standardisation des sérums antigangréneux. Ann. Inst. Pasteur, Par., 1932, 49: 387-415.—**Titrage des sérums antigangréneux.** C. rend. Soc. biol., 1932, 110: 249-51.—**Weinberg, M., & Guillaume, M.** Obtention rapide, avec des antigènes englobés dans la lanoline, de sérums antigangréneux de titre antitoxique très élevé. Ibid., 1937, 124: 518-21.—**Considérations sur le titrage des sérums antigangréneux.** Bull. Acad. méd., Par., 1939, 3. ser., 121: 20-7.

Military aspect.

BARRIEU, A. R. *Contribution à l'étude du rôle des associations microbiennes; les bacilles sporulés aérobies; leur action pathogène probable dans les plaies de guerre. 98p. 8°. Par., 1919.

SPLIEDT, A. *Gasbrand bei Kriegsverletzungen. 28p. 23cm. Kiel [1936-37]

Bergman, R. [The problem of gas gangrene; etiology, pathogenesis and treatment] Tskr. mil. hälsöv., 1928, 53: 85-127.—**Conteaud & Maille.** Septicémie charbonneuse par plaie de guerre. Gaz. méd. Paris, 1915, 86: 14. Also Bull. Acad. méd., Par., 1914, 3. ser., 72: 344-6.—**Gambill, I. M., & Cupp, H. B.** Gas gangrene. Med. Bull. Veterans Admin., 1937-38, 14: 286.—**Gas gangrene.** J. R. Army M. Corps, 1940, 74: 92-7.—**Jenson, L. C.** Two cases of gas gangrene. Med. Bull. Veterans Admin., 1935, 12: 200-2.—**Kawano, S.** On cases of gas-gangrene. Bull. Nav. M. Ass., Tokyo, 1939, 28: No. 4, 18.—**Kosmodamiansky, V. N., & Pavlenko, V. A.** [Gas infection of wounds during campaigns] Voenn. med. J., Moskva, 1933, 4: 59-66.—**Lubovsky, J.** [Cases of emphysematous gangrene] Voj. zdrav. listy, 1928, 4: 271.—**Sabadini, L.** La gangrène gazeuse; infection musculaire et toxémie du temps de guerre. Bull. san. Algérie, 1940, 35: 417-32.—**Schurmeier, H. L.** Gas infection. Mil. Surgeon, 1933, 73: 185-8.—**Seedorf, J.** [Gascous gangrene; in war surgery] Militärärz., 1939, 45: 170-7.—**Stacy, H. S.** Retroperitoneal haematoma with gas infection; 20 years after. J. R. Army M. Corps, 1940, 74: 171.—**Weinberg.** Enquête sur les traumatismes, et en particulier sur la gangrène gazeuse, chez les blessés du front marocain. Bull. Soc. path. extot., Par., 1926, 19: 106-15. La gangrène gazeuse; enseignements de la guerre de 1914-18. Bull. Acad. méd., Par., 1939, 3. ser., 122: 284-90.

Pathology.

ESDERS, M. *Gasbildung bei spezifischem Prozess. 23p. 22½cm. Berl., 1939.

HEUN, F. A. H. *Beitrag zur Lehre der Gasphlegmone des Menschen. 41p. 8°. Strassb., 1903.

POLLACK, G. *Zur Gasbrandfrage; kommt Gasbrand ohne Muskelschädigung vor? 13p. 8°. Bresl., 1925.

Baggio, G. Di certe ferite facilmente esposte a le infezioni cancerose per le lesioni vasali che le accompagnano. Pol. clinico, 1917, 24: sez. prat., 669-72.—**Balogh, E.** Contribuzioni à la pathologie expérimentale de la gangrène gazeuse. C. rend. Congr. internat. path. comp., 1936, 3. Congr., 427-9.—**Benzoni, G.** L'alcool come possibile veicolo d'infezione da gangrena gassosa. Gazz. osp., 1938, 59: 1107-10.—**Blanco, A.** Contribución al estudio de la gangrena gaseosa. Sem. méd., B. Air., 1931, 38: 1446-56.—**Buckshot** and gas gangrene. Radiogr. Clin. Photogr., 1932, 8: No. 6, 12.—**Canon, G.** Der Gasbrand am menschlichen Auge (D. 3) Klin. Mbl. Augenh., 1938, 100: 394-413.—**Cornier, E. M., & Singer, H. D.** Emphysematous gangrene. Tr. Path. Soc. London, 1901, 52: 42-60.—**Dansauer.** Beitrag zur Kenntnis der Gasgangrän. Münch. med. Wschr., 1903, 50: 1540-5.—**Ettel, E.** A gangrena gaseosa da tireoide e suas relações com o canal tireoglossa. Ann. paul. med. cir., 1939, 38: 259-69.—**Fessler.** Die Gasphlegmone (Gaseodem, Gasgangrän, Gasbrand oder Emphysema malignum) Münch. med. Wschr., 1917, 64: 331-5.—**Fraenkel.** Bemerkungen über Gasbrand mit Demonstrationen. Ibid., 18.—**Fraenkel, E.** Ueber die Aetiologie und Genese der Gasphlegmonen, Gascysten und der Schaumorgane des menschlichen Körpers. Erg. allg. Path. (1902) 1904, 8: 403-71.—**Wohlwill, F.** Das Zentralnervensystem bei der Gasbrandinfektion des Menschen. Deut. med. Wschr., 1922, 48: 63.—**Gas infection of the brain; gunshot wound.** In Durham Mus. Catal., 1928, 40.—**Gerlach, F.** Ueber das Vorkommen von Gasbrandinfektionen und Gasbranderrgern in der Groszstadt, speziell in Berlin. Beitr. klin. Chir., 1931-32, 154: 343-62.—**Hanser.** Histologische Untersuchungen bei klinischem Gasbrand. Berl. klin. Wschr., 1919, 56: 334.—**Lapointe, A.** Septicémie gazeuse sans plaie. Bull. Soc. chir. Paris, 1919, 45: 655-9.—**Legros, G.** Recherches histologiques sur les gangrènes gazeuses aiguës. Arch. m éd. exp., Par., 1903, 15: 1-12, pl.—**Lehndorff, A., & Stiefeler, G.** Zytologische Blutuntersuchungen bei Gasbrand. Wien. klin. Wschr., 1917, 30: 1253.—**Loubat & Duférié.** L'influence des ligatures vasculaires sur la gangrène gazeuse expérimentale. C. rend. Acad. sc., 1926, 182: 502-4. Also Gaz. sc. méd. Bordeaux, 1926, 47: 131.—**Odes, L. A.** [Problem of gas infection] Vest. khir., 1930, 20: 188-200.—**Pathology (The) of gas gangrene.** Lancet, Lond., 1916, 2: 1063.—**Perrin.** Gangrène gaseuse métastatique. Lyon chir., 1927, 24: 119.—**Reich, F.** Mikroskopische Veränderungen des Gehirns bei Gasbrand. Allg. Zschr. Psychiat., 1929-30, 92: 18-34.—**Schär, W.** Gehirngasbrand. Deut. Zschr. Chir., 1928, 211: 414-7.—**Schley, W.** Experimentelle Studien über die Reaktion des Körpers auf die Gasbrandinfektion. Mitt. Grenzgeb. Med. Chir., 1928-29, 41: 210-9.—**Stranz, G.** [Pathology of gas phlegmon] Orv. hetil., 1920, 64: 7.—**Sunder-Plassmann, P.** Untersuchungsergebnisse im Gasbrandgewebe. Beitr. klin. Chir., 1933, 158: 603-12.—**Taver-**

nier, L. Quelques observations d'infections gazeuses (gangrènes gazeuses; phlegmons gazeux; pleurésies gazeuses) Lyon chir., 1914-15, 12: 431.—Tscherne, E. Die puerperale Gasbazillienallgemeinfektion. Zbl. Gyn., 1939, 63: 1725-8.—Wagner, W. Seltene Infektionswege beim Gasbrand. Beitr. klin. Chir., 1939, 169: 463-77. — Beitrag zur Gasbrandinfektion. Mschr. Unfallh., 1939, 46: 129-35.—Warthin, A. S. Note on gas gangrene. Bull. Internat. Ass. M. Mus., Montreal, 1918, No. 7, 395-7.—Weinberg, M., & Séguin, F. Recherches sur la gangrène gazeuse. C. rend. Acad. sc., 1915, 161: 744-8.—White, M. M. Gas gangrene restricted to the subcutaneous tissues; report on a case. Brit. M. J., 1934, 2: 937.

Prevention.

See also Wound, Treatment.

Böhler, L. Zur Verhütung des Gasbrandes. Zbl. Chir., 1933, 60: 1227-30.—Caldwell, G. A. Surgical measures for the prevention of gas gangrene. South. Surgeon, 1936, 5: 141-52.—Dimtza, A. Serumprophylaxe mit dem deutschen Anaerobenserum. Zbl. Chir., 1932, 59: 2752-5.—Gabbette. Prophylaxe et traitement de la gangrène gazeuse. J. méd. Bordeaux, 1926, 56: 21.—Gas gangrene and tetanus; when broken bones penetrate the skin, when people are injured by gunshot, or in street accidents, preventing these diseases often saves life. Ther. Notes, Dentr., 1936, 43: 177-85.—Green, W. J. B. Immunization against anaerobes of the gas-gangrene type in South Africa by means of anatoxins. Annual Rep. Dir. Vet. Serv., Pretoria, 1929, Sect. 1, 193-221.—Irish, T. J. Prophylaxis and treatment of gas gangrene. J. Iowa M. Soc., 1934, 24: 93-6.—Joseph, M. The prophylaxis of gas gangrene in civil surgery. Ann. Surg., 1928, 87: 772-4.—Kirk, N. T. Prophylaxis and treatment of gas gangrene (Cl. welchii) by sulfanilamide. Army M. Bull., 1940, 51: 46-8.—Kovtunovich, G. P. [Experimental data on etiology, prevention and treatment of gas infection] Vest. khir., 1937, 51: 26-35.—Kraft, R. Zur Frage der Gasbrandprophylaxe. Zbl. Chir., 1933, 60: 1123-5.—Lilienthal, H. Local prophylactic use of antigas-gangrene serum. Ann. Surg., 1936, 104: 58-64.—Malone, B. Gas gangrene; its prevention and treatment. J. Tennessee M. Ass., 1937, 30: 402-6.—Morawek, E. Zur Wundbegasungstherapie mit Schwefeldioxyd (vorläufige Mitteilung). Wien. klin. Wschr., 1926, 39: 52.—Penfold, W. J., & Tolhurst, J. C. Formol-toxoids in the prophylaxis of gas gangrene. Med. J. Australia, 1937, 1: 982-9. — The prophylaxis of gas gangrene in man. Ibid., 1938, 1: 604-7.—Ptushkin, I. V. [Specific prophylaxis and treatment of gas gangrene] Sovet. vrach. J., 1936, 1: 1713-6.—Segen, M. Ein Beitrag zur Prophylaxe der Gasphlegmonie und des Tetanus. Wien. klin. Wschr., 1917, 30: 16.—Urech, E. Prophylaxie des gangrènes gazeuses. Rev. méd. Suisse rom., 1929, 49: 831-9.—Vincent, H. Sur la gangrène gazeuse; sa prévention et son traitement par le sérum antigangréneux multivalent. Bull. Acad. méd., Par., 1939, 3, ser., 122: 681-9.—Walker, C. A. Prophylaxis and treatment of gas gangrene of extremities. Pacific Coast M., 1935, 2: 13-6.

Toxin.

Büller Souto, A., & Lima, C. Ação da vitamina C, ácido 1-ascorbico, sobre as toxinas da gangrena gástrica. Mem. Inst. Butantan, 1938-39, 12: 265-96 [French translation] 297-311.—Celarek, J., & Fejgin, B. Sur le rapport entre la staphylotoxine et les toxines des anaérobies de la gangrène gazeuse. C. rend. Soc. biol., 1936, 122: 133-6. Also Warsz. czas. lek., 1937, 14: 727.—Celarek, J., & Stetkiewicz, S. Contribution à l'étude des hémotoxines de la gangrène gazeuse. C. rend. Soc. biol., 1936, 122: 143.—Kashintseva, N. S., Volkova, Z. M., & Komkova, O. A. [Conservation of toxins of B. tetani, B. botulinum and factors of gas gangrene in various conditions and with addition of various preservatives] J. mikrob., Moskva, 1938, 19: 872-4.—Komkova, O. [Titration of anatoxins of the inciting agents of gas gangrene by the method of binding of anatoxin, in experimental animals] Ibid., 20: No. 6, 48-51.—Reed, G. B., Orr, J. H., & Baker, M. C. Gas-gangrene-toxin production. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 620.—Walburn, L. E., & Reymann, G. C. [Gas gangrene toxins] Nord. med., 1939, 4: 3693-6.—Weinberg, M., & Prévot, A. R. Nouvelles recherches sur les anatoxines gangréneuses; leur emploi dans la vaccination du cobaye et la préparation des sérums spécifiques. C. rend. Soc. biol., 1925, 92: 1484-7.

Treatment.

Fischer, A. *Gasbrandinfektionen an der Würzburger Klinik und ihre Behandlung. 23p. 21½cm. Würzb., 1938.

Freund, W. *Gasbrand unter besonderer Berücksichtigung der nicht mit Heilserum behandelten Fälle an der Kieler Chirurgischen Universitätsklinik 1909-25 [Kiel] 32p. 8°. Bernburg, 1935.

Afonso, E. da C. Treatment of gas gangrene. Lancet, Lond., 1940, 1: 644.—Anderson, W. D., & Olim, C. B. Prophylactic and curative treatment of gas gangrene by radiation therapy. Memphis M. J., 1939, 14: 189-91.—Artificial hyperaemia in gas gangrene. Brit. M. J., 1917, 1: 594.—Baggio, G. Contributo alla conoscenza della patogenesi e della cura demolitiva-conservativa della cancrena gassosa. Policlinico,

1930, 37: sez. prat., 941-3.—Bohlman, H. R. Gas gangrene treated with sulfanilamide; report of 3 cases. J. Am. M. Ass., 1937, 109: 254-6.—Borchard, A. Zur Behandlung des Gasbrandes durch völlige Abriegelung im Gesunden. Zbl. Chir., 1937, 64: 1746-9.—Bowen, A. Roentgen therapy in gas gangrene; experience at station hospital, Eighth Corps Area, Fort Sam Houston. Mil. Surgeon, 1940, 86: 107-12. Also repr.—Brittain, H. A. Expectant treatment of gas-gangrene. Lancet, Lond., 1939, 2: 981.—Chernaia, L. A., & Kovtunovich, G. P. [Antivirus in gaseous infection] Khirurgia, Moskva, 1937, No. 4, 56-61. — & Zakharina, D. [Serotherapy and operative treatment in experimental gas gangrene] Sovet. vrach. J., 1936, 1: 123-6.—Dahlmann, H. Ein Beitrag zu den Formen des Gasbrandes und dessen Behandlung. Deut. Militärarzt, 1939, 4: 416-8.—Demidova, L. W. Zur Chemoprophyllaxe (frühe Behandlung) des Gasbrandes. Arch. klin. Chir., 1935-36, 184: 109-14.—Dickinson, A. M., & Traver, C. A. Gas gangrene; early recognition and effective treatment. Indust. M., 1937, 6: 185.—Doerfler, H. Beitrag zur Behandlung und Beurteilung des Gasbrandes in der Praxis. In his Für d. Praxis, Münch., 1938, 2: 79-83.—Drogow, J. Au sujet d'un cas de gangrène gazeuse traitée par l'injection d'oxygène pur associé au sérum. Bull. Soc. path. exot., Par., 1933, 26: 1284.—Effkemann, G. Untersuchungen über Gasbrandinfektion und ihre therapeutische Beeinflussung. Arch. klin. Chir., 1933, 174: 1-13.—Eyerly, T. L. A case of gas gangrene treated by X-ray. Mil. Surgeon, 1937, 81: 118-22.—Fiddian-Green, W. B. Gas gangrene of thigh and buttock; a case treated by oxygen irrigation. Lancet, Lond., 1934, 2: 1280.—Frederick, R., & Epps, J. M. X-ray therapy for gas gangrene; report of 2 cases. J. N. Orleans M. Dent. Pharm. Ass., 1938, 1: 17-20.—Fuller, G. W., & Kellum, J. M. Protosil and sulfanilamide in the treatment of gas gangrene; report of 2 cases. South. Surgeon, 1938, 7: 305-7.—Godby, W. H. X-rays in the treatment of gas gangrene. Med. J. Australia, 1940, 1: 85-8.—Graf, A. Umspritzungen mit H₂O₂ bei Gasbrand? Münch. med. Wschr., 1939, 86: [Discussion] 28.—Habritz, H. F. [Case of grave gas gangrene, treated successfully] Norsk. mag. laegevid., 1938, 99: 616-22.—Hancock, J. D. Gas gangrene; general discussion and present day treatment. Kentucky M. J., 1939, 37: 1-4.—Henriet, J. A propos de la thérapeutique par voie artérielle; un cas de gangrène gazeuse traitée par le sérum et le mercurochrome intra-artériels. Rev. orthop., Par., 1937, 3, ser., 24: 590-5.—Hugel, K. Zur Behandlung des Gasbrandes mit Sauerstoff. Zbl. Chir., 1938, 65: 11. — Zur Behandlung des Gasbrandes. Ibid., 1938, 65: 11.—Irradiation in gas gangrene. Lancet, Lond., 1940, 1: 885.—Ivens-Knowles, F. Treatment of gas gangrene. Brit. M. J., 1939, 2: 1161.—Kelly, J. F. The X-ray as an aid in the treatment of gas gangrene. Radiology, 1933, 21: 296-304. — The present status of the X-ray as an aid in the treatment of gas gangrene. Ibid., 1936, 26: 41-4. — & Dowell, D. A. Present status of the X-rays as an aid in the treatment of gas gangrene. J. Am. M. Ass., 1936, 107: 1114-8. — Roentgen treatment of gas gangrene. Arch. Phys. Ther., 1939, 20: 88-93.—Kelly, J. F., Dowell, D. A. [et al.] The practical and experimental aspects of the roentgen treatment of Bacillus welchii, gas gangrene, and other gas-forming infections. Radiology, 1938, 31: 608-19.—Kendrick, D. B., Jr. Treatment of gas gangrene infections in guinea-pigs with neoprontosil, sulfanilamide, and sulfapyridine; an experimental study. J. Clin. Invest., 1939, 18: 593-6.—Long, L. W. The present day treatment of gas gangrene; case report. Mississippi Doctor, 1938-39, 16: No. 9, 10-4.—Lower, W. E., & Tormey, T. W., Jr. Gas gangrene and its treatment. Surg. Clin. N. America, 1937, 17: 1385-9.—MacKechnie, D. M. Intensive oxygenation in a case of acute emphysematous (gas) gangrene. Lancet, Lond., 1936, 2: 1332.—McNamee, E. P., & Lulenski, C. R. Treatment of gas gangrene. Ohio M. J., 1939, 35: 1062-5.—Madrazo, M. F. Tratamiento roentgenográfico de la gangrena gaseosa. Cir. ciruján, Méx., 1939, 7: 425-32.—Maguire, C. E. The conservative treatment of gas gangrene infections. J. Michigan M. Soc., 1934, 33: 196-9.—Milch, H. The treatment of gas gangrene. Ann. Surg., 1931, 93: 1220-30. Also repr.—Natvig, H. [Case of grave gas gangrene, treated successfully; bacteriologic and serologic part] Norsk. mag. laegevid., 1938, 99: 623-31.—Nechaevskaia, M. R. [Experiment in the use of antivirus for treatment of gas gangrene] Ann. Mechnikov. Inst., Kharkov, 1935, 1: 67-88. — Recherches sur les antivirus contre les gangrènes gazeuses. Bull. Inst. Metchnikoff, Kharkov, 1936, 53-6.—Peters, K. O. Zur Frage der Gasbrandbehandlung. Zbl. Chir., 1939, 66: 1904-6.—Piper, C. T. Gas gangrene treated by incision and antitoxin, with recovery. Med. J. Australia, 1934, 2: 723.—Sabathier, A. Gangrène gazeuse du cuisse; guérison par nettoyage chirurgical, sérothérapie, greffe. Loire méd., 1937, 41: 463-71.—Schmid, H. O. Zur Wasserstoffsperoxydbehandlung der Gasbrand-erkrankung. Chirurg, 1939, 11: 728-31.—Seifert, E. Zur Behandlung des Gasbrandes. Zbl. Chir., 1938, 65: 738.—Sewell, R. I. Conservative surgery with irradiation in gas gangrene infection. Surgery, 1939, 6: 221-9. — Treatment of gas gangrene. Lancet, Lond., 1940, 1: 901.—Shlepov, A. V. [Treatment of gaseous infections with Besredka's antivirus] Vest. khir., 1938, 56: 239.—Solovov, P. D., & Friedland, M. O. [Gas gangrene and its treatment] Sovet. med., 1939, No. 6, 16-21.—Spray, R. S. Bacteriostatic action of protosil soluble, sulfanilamide, and disulfanilamide on the sporulating anaerobes commonly causally associated with gas gangrene. J. Lab. Clin. M., 1937-38, 23: 609-14.—Warnshuis, F. C., & Kolk, B. V. A case of gas gangrene treated

by infiltration of the tissues with permanganate solution. J. Am. M. Ass., 1934, 102: 1757.—White, J. H. Report of case of gas gangrene treated with oxygen injection and peroxide. J. Okla. M. Ass., 1928, 21: 59.—Wielenga, D. K. [Post-traumatic shock and gas gangrene successfully treated by repeated large blood-transfusions and sulfanilamid] Ned. tschr. geneesk., 1939, 83: 4740-6, pl.—Williams, A. J., & Hartzell, H. V. Gas gangrene; an analysis of 34 cases treated in the past 5 years in San Francisco hospital with special reference to Roentgen ray therapy. West. J. Surg., 1939, 47: 561-5.—Wilson, M. J. Experience in treatment of gas-bacillus infection. Mil. Surgeon, 1939, 85: 145-62. Also repr.

— Treatment: Serotherapy.

BABOK, A. *Emploi du sérum antigangréneux de l'Institut Pasteur dans les infections génito-urinaires de l'homme et de la femme. 79p. 8° Par., 1934.

LANDERS, H. *Ueber die Erfahrungen mit der Anwendung des Anaerobenserums bei klinischem Gasbrand. 28p. 22cm. Bonn, 1935.

SCHATTENBERG, W. *Ueber Gasbrand mit besonderer Berücksichtigung der Serumtherapie [Kiel] 49p. 8° Stettin, 1934.

Antitoxin in the treatment of gas gangrene. Lancet, Lond., 1940, 1: 1127.—Aubert, V. Nouveau cas d'emploi des sérums anti-gangréneux en gynécologie. Arch. fr. belg. chir., 1926, 29: 157-61.—Barrier, M. Notes cliniques concernant l'utilisation du sérum anti-gangréneux. Bull. Acad. vét. France, 1928, 1: 174-6.—Budakov, V. L., & Mishne, I. [Use of anti-gangrenous serum in treatment of gas phlegmon] Sovet. vrach. gaz., 1934, 38: 1426-8.—Castillo, H. del. La seroterapia de la gangrena gaseosa y de los procesos toxi-infecciosos provocados por anaerobios. Rev. san. mil. Madr., 1934, 24: 298; 331.—Celarek, J. [Treatment of gas gangrene with serums] Lek. wojsk., 1936, 27: 19-24.—Dickinson, A. M., & Traver, C. A. Gas gangrene in civil surgery: the value of serum treatments. N. York State J. M., 1928, 28: 2020-5.—Dimitza, A. Prophylaxe und Therapie des Gasbrandes mit Serum. Schweiz. med. Wschr., 1931, 61: 1238.—Echemendia y García, J. Suero antigangrenoso polivalente y vacuna mixta en las complicaciones sépticas traumáticas y otros procesos. Rev. méd. cubana, 1929, 40: 716-23.—Elmer, A. [Antigangrenous serotherapy] Polska gaz. lek., 1927, 6: 211-5.—Emerit, J., & Lepaumier, M. La sérothérapie anti-gangréneuse, principalement sous forme d'applications locales. Gaz. hôp., 1926, 99: 349.—Glotova, E. V., & Ostrovskaja, O. A. [Three cases of gaseous gangrene, treated with anti-gangrenous serum] J. epidem. mikrob., Moskva, 1932, 1: 35-7.—Henriet, J. A propos de la thérapeutique par voie artérielle; un cas de gangrène gazeuse traité par le sérum et le mercurochrome intra-artériels; guérison. Rev. méd. Suisse rom., 1937, 57: 817-22.—Holland, P. T., & Smith, R. D. Gas gangrene treated by antiserum; case report. J. Indiana M. Ass., 1934, 27: 515.—Kaganovich-Dvorkin, A. L. [Treatment of gaseous gangrene with anti-gangrenous serums] Sovet. med., 1940, No. 8, 25.—Kling, D. H. The treatment of gas gangrene with normal horse serum. Ann. Surg., 1930, 91: 261-8.—Larson, E. E., & Pulford, D. S. Gas gangrene of the extremities; with special reference to trivalent anaerobic serotherapy. J. Am. M. Ass., 1930, 94: 612-8. Also repr.—Luccioni, C. Cancro gassosa e siero-terapia. Policlinico, 1931, 38: sez. prat., 589.—Also Terapija, Milano, 1931, 31: 141-3.—Ovechko, I. F. [Serum in treatment of gas gangrene] Sovet. vrach. gaz., 1933, 37: 1066-8.—Pellegrini, A. Sieroprofilassi e sieroterapia della gangrena gassosa. Riforma med., 1926, 42: 391-4. Also Sem. méd., B. Air., 1926, 23: pt 2, 28-33.—Pruvovych, M., & Popov, I. [Medicinal effect of anti-gangrenous serum] Voen. san. delo, 1935, 16-20.—Quesnel. Gangrène de la paroi abdominale; traitement par le sérum antigangréneux. Rev. gén. clin. thé., 1923, 37: 584.—Tsyp, V. N., Chernaia, L. A., & Zakharina, D. I. [Serotherapy of experimental gas gangrene] Ann. Mechnikov. Inst., Kharkov, 1936, 3: 91-4.—Unger, E. Behandlung des Gasbrandes mit Serum. Zbl. Chir., 1932, 59: 1006-10.—Velikanov, I. M. [Serotherapy and prevention of gas gangrene] J. epidem. mikrob., Moskva, 1932, 1: 25-34. Also J. mikrob., Moskva, 1932, 9: 202-9. Also Sovet. khir., 1932, 3: 1-8. Also Sovet. vrach. gaz., 1932, 36: 926-33.—Vincent, H. New medical and surgical applications of anti-gangrenous serotherapy. Internat. Clin., 1926, 36, ser., 2: 162-70. — Quelques remarques sur la sérothérapie de la gangrène gazeuse. Bull. Acad. méd., Par., 1939, 3, ser., 122: 290-4. — Sur la gangrène gazeuse; sa prévention et son traitement par le sérum antigangréneux multivalent. Strasbourg méd., 1940, 100: 85-93.—Weinberg, M. Das anti-gangränöse Serum und seine Anwendung in der Therapie; Gasgangrän, Appendizitis, Lungengangrän, Seuchenbekämpfung, 1927, 4: 79; 145.—Wiseberg, M. The management of gas-gangrene involving the extremities, with special reference to polyvalent antitoxin treatment. Canad. M. Ass. J., 1932, 27: 278.

— Treatment: Serotherapy: Untoward effects.

Angelescu, V., & Roibas, P. Recherches expérimentales sur les lésions rénales dues aux injections sous-cutanées de

sérum antigangréneux. C. rend. Soc. biol., 1933, 114: 217.—Aronsohn, H. G. Ein Fall von Gasbrandserumanaphylaxie. Med. Klin., Berl., 1931, 27: 1893.—Lhermitte, J., Bour, L., & Auriaguerra. Deux cas de paralysie dissociale du plexus brachial consécutifs à la sérothérapie antigangréneuse. Rev. neur., Par., 1938, 70: 483-8.

— in animals.

Ascoli, E. W. Gas gangrene in the dog. Vet. Rec., Lond., 1937, 17: 1415.—Baskin, M. M. [Mechanism in producing outbreaks of gas gangrene in symptomless anaerobic infection in animals] J. mikrob., Moskva, 1937, 18: 702-10.—László, F. [Histology of gas gangrene of the pig] Allatorv. lap., 1932, 55: 125-7.—Macaulay, J. W. Gas-gangrene infection of bovine lung. Vet. Rec., Lond., 1937, 17: 766.—McEwen, A. D., & Roberts, R. S. Gas gangrene infections of sheep: passive immunisation. J. Comp. Path., Lond., 1932, 45: 212.—Marshall, C. J. Gas gangrene and 2 case reports in cattle. J. Am. Vet. M. Ass., 1934, 84: 58-64.—Moussu, R., & Perrot, J. Observation de gangrène septique sur des agneaux. Rec. méd. vét., 1925, 101: 333-7.—Panisset. Les microbes anaérobies dans la pathologie interne du cheval. Bull. Acad. vét. France, 1939, 12: 225.—Roberts, R. S., & McEwen, A. D. Gas gangrene infections of sheep. J. Comp. Path., Lond., 1931, 44: 180-91.—Schmiedhoffer, G. [Preventive inoculation against gas gangrene with formalinized vaccine of Leclainche-Vallée] Allatorv. lap., 1932, 55: 43-6.—Vallée, M. Sur les gangrènes gazeuses des bovidés et sur leur prévention. C. rend. Soc. biol., 1940, 133: 51.—Weinberg, M., Armingaud [et al.] Gangrène gazeuse du part chez la vache. Bull. Acad. vét. France, 1937, 10: 210-5.—Weinberg, Forgeot, P., & Moureu, A. Enzootie de gangrène gazeuse, à point de départ mammaire, observée chez les brebis en lactation. Ibid., 117-22.

— after injections.

MABIN, G. *La gangrène gazeuse après injections médicamenteuses. 59p. 8° Par., 1936.

TANAZACQ, P. M. *Problèmes médico-juridiques posés par la gangrène gazeuse à la suite d'injections médicamenteuses; en particulier l'adrénaline. 88p. 24cm. Par., 1938.

Bandi, G. Sulla gangrena gassosa da iniezioni ipodermiche. Minerva med., Tor., 1931, 22: 436-9.—Castro Caiado, I. de. Gangrena gassosa consecutiva à injeção de adrenalina. Med. cir. pharm., Rio, 1939, 334-7.—Dimitza, A. Ueber Gasbrandinfektion nach subcutaner Injektion von Arzneimitteln. Deut. Zschr. Chir., 1934-35, 244: 387-90.—Harney, C. H. Gas gangrene following therapeutic injections. Ann. Surg., 1939, 109: 304-8.—Hautefeuille & Rinuy. Réflexions à propos de 2 cas de gangrène gazeuse consécutifs à des injections médicamenteuses. Rev. gén. clin. thé., 1933, 47: 726-8.—Junghanns, H. Gasbrand durch Einspritzung von Arzneimitteln (Sammelstatistik über 60 Fälle) Deut. med. Wschr., 1933, 59: 850-2.—Konstanz, H. Ueber die Gasbrandinfektion nach Injektion. Münch. med. Wschr., 1938, 85: 339.—Lagrot, F. Gangrènes gazeuses d'origine médicamenteuse. Presse méd., 1938, 46: 1657.—Landé, K. Ueber 3 Gasbrandinfektionen nach subkutanen Einspritzungen. Med. Klin., Berl., 1926, 22: 924.—Leonardi, D. Le infezioni gassose da iniezione da adrenalina. Gior. med. mil., 1934, 82: 27-38.—Menoni, A. Sulla gangrena gassosa da iniezioni ipodermiche. Riv. ostet. gin., 1940, 22: 29-34.—Pallasse, M. E. Gangrène gazeuse après injection médicamenteuse. Lyon méd., 1936, 158: 249-53.—Petrov, V. P. [Gas gangrene from injections] Vrach. delo, 1935, 18: 1759-62.—Richon, Véraïn & Briquel. Gangrène gazeuse et injections hypodermiques. Rev. méd. Nancy, 1939, 67: 148-51.—Touraine, A., & Gautier, J. Adrenaline et gangrène gazeuse. Bull. Soc. fr. derm. syph., 1936, 43: 778-85. Also J. méd. Paris, 1936, 56: 669-71.—Wanke, R. Gasbrand nach subkutaner Injektion von Medikamenten. Deut. med. Wschr., 1926, 52: 1364. — Der Gasbrand im Frieden insonderheit nach Injektionen von Medikamenten. Deut. Zschr. Chir., 1926, 199: 214-25.—Wichmann, F. W. Das Bild einer gashaltigen Phlegmone nach irrtümlicher Benzinjektion. Zbl. Chir., 1932, 59: 2655-60.

GAS heating.

See also Heating.

Balcke, H. Die Gasfeuerung in der Zentralheizungsindustrie, unter besonderer Berücksichtigung der Wärmeverorgung von Kurbädern. Gesundh. Ingenieur, 1927, 50: 669-77.—Bausser. Gaszentralheizungen. Ibid., 1938, 61: 554-7.—Castner. Gas für Raumheizung. Umschau, 1928, 32: 959-61.—Dieterich, H. Neuzzeitliche Gasheizungsanlagen. Gesundh. Ingenieur, 1938, 61: 677-82.—Domestic heating by gas. Lancet, Lond., 1936, 2: 1531.—Flueless gas stoves. Med. Off., Lond., 1937, 57: 71.—Grellert, M. Nutzeffekte und Verbrauchswerte für Gaskochapparate. Gesundh. Ingenieur, 1911, 34: 382-9. — Vergleichung von Heizöfen für feste Brennstoffe mit Gasheizöfen und Anwendung von Spezialöfen. Ibid., 1926, 49: 16.—Kaiser, F. Erfahrungen mit der Gaseinzelheizung in einem grossen Schulneubau. Ibid., 1938, 61: 493-5.—Körting, J. Stockwerksheizung mit

gasgefeuerten Kesseln. *Ibid.*, 1926, 49: 429-31.—**Maschmeier, G.** Sicherungen für Gasfeuerstätten und Gasgeräte. *Zbl. Gewerbehyg.*, 1938, n. F., 15: 57; 85.—**Mirbach, A.** Zentralheizkessel mit Gasfeuerung. *Gesundh. Ingenieur*, 1926, 49: 555-7.—**Nelson, G. H., Straka, R. P., & Levine, M.** Effect of temperature of digestion, chemical composition, and size of particles on production of fuel gas from farm wastes. *J. Agr. Res.*, 1939, 58: 273-87.—**Pignot.** Le gaz de ville comprimé, ses usages pratiques comme combustible rural. *Techn. san. mun.*, Par., 1935, 30: 50-8.—**Sch.** Die technische Bedeutung der Gasstrahlung. *Umschau*, 1928, 32: 313.—**Smolinski, H.** Städteheizung mittels Gas oder Wasser. *Gesundh. Ingenieur*, 1928, 51: 506.—Use of gas heaters in fuelless rooms. *Brit. M. J.*, 1935, 2: 268.—**Villers, R.** Le chauffage central par le gaz: le système Vap. *Nature*, Par., 1928, 56: 259-61.—**Warner, F.** The unventilated gas stove as a menace to health. *Month. Bull. Ohio Bd Health*, 1911, 1: 27-36.—**Weiss, E. H.** Le chauffage central au gaz. *Nature*, Par., 1926, 54: pt 2, 132-40.—**Westphal, C.** Heize mit Gas! *Umschau*, 1926, 30: 848.

CASIGLIA, Frédéric, 1898— *Du traitement chirurgical des ulcères variqueux par résections sympathico-veino-nerveuses associées. 62p. 8°. Par., M. Vigné, 1927.

GAS industry.

BARAG, N. *Contribution à l'étude des méphitismes gazeux dans l'industrie du gaz d'éclairage [Paris] 61p. 8°. Courbevoie, 1934.

GUCK, C. *Berufsgefährdung bei Arbeitern einer Gas-Anstalt unter besonderer Berücksichtigung der Zähne und der Mundhöhle [München] 22p. 8°. Günzb., 1937.

Barthe, R. L'usine à gaz et les maladies professionnelles. *Presse méd.*, 1937, 45: 579.—**Berger.** Fortschritte im Unfall- und Gesundheitsschutz in Gaswerken. *Zbl. Gewerbehyg.*, 1928, n. F., 5: 133-5.—**Cole, H. N., Driver, J. R.** [et al.] War gases and industrial hazards in their manufacture. *Arch. Derm. Syph.*, Chic., 1939, 39: 45-54.—**Derdack.** Explosionsgefahren bei der Verdichtung von Wasserstoff und Sauerstoff und Massnahmen zu ihrer Abwendung. *Zbl. Gewerbehyg.*, 1918, 6: 211-8.—**Grempe, P. M.** Sicherheitsvorschriften für komprimierte und verflüssigte Gase. *Ibid.*, 185-8.—**Leymann.** Ein Beitrag zur Kenntnis der Gesundheitsverhältnisse der Gasarbeiter. *Ibid.*, 1933, n. F., 10: 110-7.—**Oldemeyer.** Die Berufsgefahren und der Unfallschutz im Betriebe der Gasgeneratoren. *Ibid.*, 1928, n. F., 5: 174.—**Oppenheim, M.** Ueber eine bei Gasarbeitern und Installateuren vorkommende typische Hautschädigung (Erfrierung, Einsprengung und Exkoriationbildung). *Derm. Zschr.*, 1928, 53: 464-7.—**Probst, G.** Gesundheitliche Fortschritte an einer Generatorgasanlage. *Zbl. Gewerbehyg.*, 1937, n. F., 14: 59.—**Spithoff.** Gewerbedermatose nach Gebrauch von Gaswasser. *Munch. med. Wschr.*, 1918, 65: 468.—**Vogel & Kremer.** Die Richtlinien für die Errichtung und den Betrieb von Niederdruck-Gasbehältern. *Arbeiterschutz*, 1935, 302-6.

GASIOROWSKI, Ludwik, 1807-63.

Bross, K. [Ludwik Gasiorowski as a man, physician, and historian of medicine] *Med. prakt.*, Poznań, 1935, 9: 401-18, portr. — [Unpublished letter of Dr L. Gasiorowski written from prison in 1846] *Ibid.*, 1937, 11: 107-10. — [The letter of Ludwik Bierkowski to Ludwik Gasiorowski] *Ibid.*, 279.

GASK, George Ernest, 1875—

[Biography] *S. Barth. Hosp. J.*, Lond., 1935-36, 43: 2, portr.

— & **ROSS, James Paterson.** The surgery of the sympathetic nervous system. xii, 163p. illust. pl. diags. 8°. Lond., Baillière, Tindall & Cox, 1934. Also 2. ed. xii, 191p. illust. pl. 1937.

GASKELL, George Arthur. A new theory of heredity. 92, [1]p. 16°. Lond., C. W. Daniel Co. [1931]

GASKILL, Harold V[incent] 1905— The objective measurement of emotional reactions. p.177-281. 8°. Worcester, Clark Univ., 1933. Forms No. 3, v.14, Genet. Psychol. Monogr.

GASKING, Cyril Trist. *L'arthrite; contribution à l'étude de la conception moderne de ses formes chroniques et leur traitement. 71p. 8°. Lausanne, C. Risold & fils, 1936.

GAS lighting.

Aubert, L. Le gaz à l'eau dans l'éclairage de la ville de Paris. *Ann. hyg.*, Par., 1907, 4. ser., 7: 261-71.—**Bertelsmann, W.**

Die Gasbeleuchtung. *Umschau*, 1926, 30: 885-7.—**Blanchard, R.** Les chimistes en 1847 et l'éclairage au gaz. *France méd.*, 1906, 53: 319.—**Casaña, J.** Alumbrado por fluidos que contengan notable cantidad de óxido de carbono. *An. Acad. med. Madrid*, 1907, 27: 187-90.—**K., R.** Hundert Jahre Stadtgasbeleuchtung. *Techn. Gemeindebl.*, 1925-26, 28: 247-9.—**Lane, W. A.** Gas as a health factor. *Canad. Lancet Pract.*, 1929, 72: 175-7.—**Maxwell, J. P.** A substitute for gas suitable for the Tropics. *Chin. M. Miss. J.*, 1903, 17: 64-6.—**Palmberg, A.** [Ueber das Wassergas vom gesundheitlichen und forensischen Gesichtspunkte] *Fin. läk. säll. hand.*, 1904, 46: 256-65.—**Rideal, S.** The relative hygienic values of gas and electric lighting. *J. R. San. Inst.*, 1908-9, 29: 49-132, pl. 2 plans, 2 diagr., 5 ch.—**Rigler, G.** [The hygienic value of illumination by glowing gaseous bodies] *Közegészségügy*, 1904, 25-32. Also *C. rend. Congr. internat. méd.* (1903) 1904, 14. Congr., sect. hyg., 416-21.

GASLONDE, Jacques, 1913— *Contribution à l'étude épidémiologique de la tularémie. 70p. 8°. Par., Libr. méd. M. Vigné, 1937.

GAS mask.

See also Anesthetization; Chemical warfare, Protection: Gas masks; Dust; Respirator.

Akermann, A. L'adsorption par le charbon actif des vapeurs organiques diluées et leur désorption par l'air non vicié. *C. rend. Acad. sc.*, 1935, 201: 210-2.—**Ask, F.** [Glass eyes in gas mask] *Norsk tskr. mil. med.*, 1931, 35: 105-17.—**Chambon, M., & Perier, E.** Masque respiratoire pour chien, à étanchéité pneumatique. *C. rend. Soc. biol.*, 1937, 125: 681.—**De Saint Rapt, J., & Decombe, G.** Feeding means for gas masks. *U. S. Patent Off.*, 1935, No. 2,023,267.—**Des Cilleuls, J., & Moyrier, R.** La désinfection des masques. *Presse méd.*, 1939, 47: 1685.—**Dobson, M.** A spectacle frame to wear under the civilian gas-mask. *Brit. M. J.*, 1939, 2: 1231.—**Doroshenko, I. T.** [On the performance of operations in gas masks] *Vest. otorinol.*, 1937, 57-9.—**Dunlap, L. G.** A new type of hose mask for protection against metallurgic dust and fumes. *J. Indust. Hyg.*, 1926, 8: 513-5.—**Edgewood Arsenal** prepares for new defense program; gas masks are special feature; production could be speeded up to 300,000 a month with present plant. *Science News Lett.*, 1939, 35: 326.—Gas masks for civilians; construction, fitting, efficiency. *Pharm. J.*, Lond., 1938, 87: 329.—**Haase-Lampe, W.** Die Gebrauchsgrenze für Gasschutzgeräte mit Chemikalfiltern. *Zbl. Gewerbehyg.*, 1928, n. F., 5: 37.—**Hasskó, S., & Bernard, A.** [Experiments with dry gas masks for horses] *Allatorv. lap.*, 1936, 59: 143-5.—**Hofstötter, F.** Gas mask. *U. S. Patent Off.*, 1937, No. 2,074,219, pl.—**Hora, K.** [Children's gas-masks, development of the child's face and cheeks] *Voj. zdrav. listy*, 1937, 13: 298-312.—**Horak, V.** Gas mask. *U. S. Patent Off.*, 1939, No. 2,156,852.—**Karsten, A.** Ueber Einrichtung und Gebrauch von Atemschutzgeräten. *Gesundh. Ingenieur*, 1929, 52: 201-5.—**Lamson, P. D.** A tight gas mask. *J. Lab. Clin. M.*, 1936-37, 22: 1054.—**Malespine, E.** Hygiène des masques contre les gaz. *Ann. hyg.*, Par., 1939, n. ser., 17: 323-5.—**Mecklenburg, W.** Ueber Schichtenfiltration; ein Beitrag zur Theorie der Gasmaske. *Kolloid Zschr.*, 1930, 52: 88-103.—**Mensik, S.** Gasmasken für Fabriksbetriebe. *Zschr. Gewerbehyg.*, 1929, 35: [Fabrikfeuerw.] 45.—**Mielenz, W.** Die Volksgasmaske, unser Gasschutzgerät. *Umschau*, 1939, 43: 401.—**Millard, F. C.** Gas mask equipment. *U. S. Patent Off.*, 1938, No. 2,123,196.—**Monro, R., Molsinger, A. V.** [et al.] Gas mask facepiece. *Ibid.*, 1940, No. 2,201,198.—**Nicolaidi.** Sur un nouveau dispositif d'attache pour les masques contre le gaz. *Mém. Acad. chir.*, Par., 1939, 65: 1262.—**O'Leary, T. A.** Gas mask. *U. S. Patent Off.*, 1938, No. 2,132,433.—**Plech, K.** Die Chirurgie in der Gasmaske. *Wien. med. Wschr.*, 1938, 88: 816.—**Preihsecker, H.** Chemische und physikalische Schulversuche über die Gasmaske. *Zschr. Gewerbehyg.*, 1937, 44: [Fabrikfeuerw.] 33; 38.—**R. F.** Masques et lunettes contre les poussières ou les gaz dangereux. *Ann. pharm.*, Louvain, 1901, 7: 129-31.—Risk from poison gas less than that from automobiles; masks are safe, and chief peril is from panic, chemist at University of Edinburgh declares. *Science News Lett.*, 1938, 34: 39.—**Rossi, G., & Simonelli, G.** Di alcuni procedimenti per lo studio delle maschere protettive. *Arch. fisiol.*, Fir., 1939-40, 39: 469-86.—**Rumpf.** Die Industrie-Gasmaske. *Zbl. Gewerbehyg.*, 1927, n. F., 4: 207; 244.—**Ryba, G.** Die Gefährdung der Rettungsleute durch schadhafte Gastauchgeräte. *Zschr. Gewerbehyg.*, 1922, 28: 158; 170; 188; 206; 1923, 29: 9; 22; 42.—**Schwartz, N.** Means for and method of connecting an exhalation valve, separator, or similar element with the face piece of a respirator, gas mask, or the like. *U. S. Patent Off.*, 1936, No. 2,029,129.—Respirator, gas mask, and the like. *Ibid.*, 1937, N. 2,070,754.—**Shubakov, V. V.** [Surgical work in gas masks] *Voen. med. J.* Moskva, 1933, 4: 67-74.—**Steiner, J.** Ueber Gasmasken. *Wien. med. Wschr.*, 1939, 89: 691-4.—**Stevellinck, P.** Quelques idées nouvelles sur les masques à gaz. *Dioscorides, Brux.*, 1939, 2: 127-31.—Thirty million gas masks (London) *J. Am. M. Ass.*, 1936, 106: 1830.—**Tolchinsky, L. J.** [Operations performed in gas masks] *Sovet. vrach. J.*, 1936, 1: 294.—**Weil, V. S.** [On children's gas-masks] *Sovet. pediat.*, 1935, No. 12, 127-34.—[Children's gas-masks; sanitary-hygienic evaluation] *Ibid.*, 1936, 110-9.—**Wiebeck, B. H.** Die Chirurgie in der Gasmaske. *Zbl. Chir.*, 1938, 65: 1043-8.

Effects.

BORDASCH, F. *Der Einfluss von Kohlenoxydschutzgeräten auf den Gasstoffwechsel des Trägers während der Arbeit. 27p. 8°. Königsberg 1935.

Atletova, Z. G., & Raevsky, V. S. [Gas metabolism and reaction of the cardiovascular system in protracted wearing of a gas-mask and protective clothing] *J. Physiol. USSR*, 1936, 21: 255-62.—Billet, O. D., Popov, I. N., & Shishkin, N. N. [Fatigue in workmen compelled to work with filter gas masks] *Gig. bezopas. pat. truda*, 1930, 8: 31-5.—Dautrebande, L. Réalisation de boîtes filtrantes antigaz de haute capacité neutralisante et répondant aux exigences de la physiologie respiratoire. *Presse méd.*, 1940, 48: 83-5.—Dekański, J. [Acidosis due to exertion while marching in a gas-mask] *Lek. wojsk.*, 1934, 23: 666-74.—Egorova, O. G. [On the possibility of keeping certain groups of therapeutic patients in gas masks] *Kazan. med. J.*, 1940, 36: 35-9.—Englmann & Quednau. Atemphysiologische Untersuchungen über das Tragen von Gasmasken; führt längeres Tragen von Gasmasken zur Erhöhung des Filterwiderstandes? *Arbeitsphysiologie*, 1928-29, 1: 625-38.—Fegler, J. [Physiology of respiration in the gas mask] *Lek. wojsk.*, 1935, 25: 398-408.—Full. Beobachtungen bei der Atmung unter der Gasmaske. *Zbl. inn. Med.*, 1939, 60: 63-8.—Galvialo, M. Y., Schmidt, A. A., Vladimirov, G. E. [Effect of march in gas masks on chemical composition of blood and urine] *Voen. med. J.*, Moskva, 1930, 1: 33-9.—Giorgi, G. Sulle modificazioni funzionali dell'apparato cardiovasale in rapporto all'impiego della maschera antigas; la frequenza del ritmo cardiaco in rapporto all'impiego della maschera antigas. *Glor. med. mil.*, 1928, 76: 587-99.

Sulle modificazioni della pressione arteriosa indotte dall'impiego della maschera antigas. *Ibid.*, 1930, 78: 307-16. Esplorazione oscillometrica delle arterie in rapporto all'impiego della maschera antigas. *Ibid.*, 317-30.—Gorelik & Podiacheva [Gas-masks for children with various affections] *Pediatrica*, Moskva, 1937, No. 8, 63-76.—Helstein, E. M., Ivanitskaya, M. A., & Frankstein, M. I. [Effect of gas masks on the circulation] *Ter. arkh.*, 1935, 13: 3-12, 5 pl.—Hörnke, E., & Bruns, O. Atemphysiologische Beobachtungen beim Gebrauch von Industrie-Schutzmasken; die Bedeutung des Individuums für die Verwendbarkeit der Maske. *Zschr. ges. exp. Med.*, 1927, 56: 98-117.—Kisel, V. A., & Sosunova, V. N. [Effect of gas-masks on patients with scarlet fever] *Pediatrica*, Moskva, 1937, No. 9, 114-7.—Klionsky, E. E., & Maklakova, O. A. [Clinical investigation of patients with pulmonary tuberculosis in gas-masks] *Sovet. vrach. J.*, 1938, 42: 659-66.—Löhrner, L. Zur Physiologie der Atmung mit der Gasmaske. *Wien. klin. Wschr.*, 1937, 50: 749-53.—Mischenko, I. [Conditions of breathing while wearing an anti-gas mask] *Vrach. delo*, 1928, 11: 317-20.—Moshkovsky, M. [Effect of the gas-mask on the physiological functions of the constitution] *Voen. san. delo*, 1936, 23-8. [Importance of breathing in training to execute physical work in gas masks] *Ibid.*, 1937, No. 8, 27-33.—Oftebach, M. I. [Indications and contra-indications for use of gas masks in pulmonary tuberculosis] *Probl. tuberk.*, Moskva, 1937, No. 11, 129-33.—Plüge, H., & Büttner, H. E. Kreislaufuntersuchungen unter Schutzmaskenatmung. *Deut. med. Wschr.*, 1937, 63: 464.—Schuster, H. Ueber den Einfluss der Gasmaske auf ihren Träger in Ruhe und bei körperlicher Arbeit. *Arbeitsphysiologie*, 1935-36, 9: 351-65.—Thiel & Quednau. Atemphysiologische Beobachtungen beim Gebrauch von Industrieschutzgasmasken; die Bedeutung der Gasmaske für den Sauerstoffverbrauch des Trägers. *Zschr. ges. exp. Med.*, 1929, 65: 604-20.—[Use of gas-masks by tuberculous patients] *Probl. tuberk.*, Moskva, 1939, No. 4, 67.—Voskresensky, O. A., Izdebsky, A. M., & Plaskonis, P. M. [Study of experimental march of 40 kilometers in gas masks] *Voen. san. delo*, 1936, 15-8.—Voskresensky, O. A., Liubarsky, I. D., & Plaskonis, P. M. [Investigation on 48 hours in gas masks performing habitual duties in the Red Army] *Ibid.*, No. 10, 28-34. [Gas masks worn continuously for 48 hours by Red Army soldiers with performance of regular duty] *Ibid.*, 28-34.—Zaidshnur, I., Grigor'ev, A. [et al.] [Study of 24 hour effect of a gas mask] *Ibid.*, 28-31.—Zelenin, K. I. [Distant and near vision not an obstacle in working in gas-masks] *Sovet. vrach. J.*, 1937, 41: 1507.—Zelenin, V. F., Goldman, L. N. [et al.] [Indications and contra-indications for gas-masks in heart affections] *Ter. arkh.*, 1937, 15: 894-911.—Zelenin, V. F., Laevsky, G. K. [et al.] [Indications and contra-indications for gas-masks for subjects with anemia] *Klin. med.*, Moskva, 1937, 15: 1118-24.—Zimkin, N. V. [Effect of gas masks on the working capacity in certain sorting work] *Voen. med. J.*, Moskva, 1931, 2: 179-85. — & Glekel, M. S. Changes in the working capacity of soldiers in gas masks] *Tr. Acad. mil. med. Kiroff*, 1935, 2: 248-57.—Zlatopolskaia, E. S., & Bronina, R. I. [Effect of gas-masks on children with cardiac affections] *Pediatrica*, Moskva, 1937, No. 9, 110-3.—Zlatopolskaia, E. S., & Titova, A. I. [Contraindications for the application of individual gas masks for older children affected with various diseases] *Ibid.*, 1940, 78-80.

GASNE, André. 1903—*Contribution à l'étude des sarcomes pancréatiques. 71p. 8°. Par., Jouve & cie, 1935.

GASNE, Ernest. —1936.

Nécrologie. *Bull. Soc. chir. Paris*, 1936, 28: 24.

GASNE, Lucie Georges, 1900—*Les états préancéreux de la muqueuse du corps utérin. 53p. 4 pl. 8°. Par., E. Véga, 1932.

GASNE, Pierre Georges, 1904—*Le cancer du confluent biliaire inférieur et son exérèse. 52p. 8°. Par., Jouve & cie, 1935.

GASNE-ROUARD, Simone, 1908—*A propos des récidives du mal de Pott de l'enfant. 51p. 8°. Par., Jouve & cie, 1935.

GASNOW, Wilhelm, 1905—*Zahnerkrankungen als Berufsleiden [Berlin] 20p. 2 l. 8°. Charlottenb., Gebr. Hoffmann, 1929.

GASOLINE.

See Benzine; Petroleum.

GASOMETRY.

See also Blood sugar, Determination.

Benton, A. F. Gas flow meters for small rates of flow. *J. Indust. Chem.*, 1919, 11: 623-9.—D'Este, G. Determinazione gascimetrica effettuabili con un ureometro tipo calcimetro; descrizione dell'apparecchio; avvertenze generali e tavola per la correzione dei volumi gascim. *Boll. chim. farm.*, 1932, 71: 87-94.—Devine, J. A simple gas flowmeter for clinical use. *Brit. M. J.*, 1939, 2: 1092.—Eichler, O. Apparat zur exakten Dosierung flüchtiger Substanzen in Gasform. *Arch. exp. Path.*, Berl., 1934, 175: 399.—Kimpflin, G. Une maladie microbienne, guette des gazomètres à l'eau. *Nature*, Par., 1937, 65: pt 2, 327-9.—Kreider, L. Appareil pour le dosage, par différence des substances gazeuses. *Ann. pharm. Louvain*, 1905, 11: 201.—Morgulis, S. Electric apparatus for the automatic control of the flow of gas. *Biochem. Bull.*, 1916, 5: 146-50, pl.—Wirth, W. Apparat zur Dosierung von Gasen. *Arch. Gewerbepath.*, 1936, 7: 427-9.—Wu, H. A new form of apparatus for determination of gases by manometric measurement. *Proc. Soc. Exp. Biol.*, N. Y., 1930, 27: 883-5.

GASPAR, Andreas.

See Hirschfeld, Magnus, & Gaspar, A. Sittengeschichte des Weltkrieges. 2v. 415p.; 445p. 8°. Lpz. [1930] — Sittengeschichte der Nachkriegszeit. v.1. viii, 423p. 8°. Lpz. [1931]

GASPARIAN, H[agop] M., 1904—*Ueber Blasenrupturen. 20p. 8°. Heidelb., H. Meister, 1932.

GASPARINI, Carlo. Igiene della bocca e legislazione odontoiatrica. xvi, 270p. pl. 8°. Milano, Ed. Contemp. ital., 1932.

GASPER, Wolfgang, 1905—*Striae cutis distensae. 59p. 8°. Lpz., A. Hoffmann, 1933.

GAS phlegmon.

See Gas gangrene.

GAS poisoning.

See also under names of gases as Carbon monoxide; Mustard gas; also Chemical warfare, Gases; Gas, poisoning.

Aitchison, T. Gas poisoning. *Brit. M. J.*, 1915, 2: 488.—Bennett, W. C. Poisoning by noxious gases. *Wisconsin M. J.*, 1903, 1: 173-6 [Discussion] 214-8.—Dodds, A. An interesting case of gassing; laparotomy, recovery. *Transvaal M. J.*, 1905-6, 1: 261.—Flury, F. Gasvergiftungen. In *Handb. norm. path. Physiol.* (A. Bethe) Berl., 1927, 2: 487-514.—Fürst, M. Ueber den Tod durch giftige Gase. *Aerzt. Prax.*, Berl., 1901, 14: 83-6.—Fuentes Pérez, F. Las intoxicaciones por los gases tóxicos. *Arch. med.*, Madr., 1936, 39: 511-5.—Hamer, E. E. Lethal gas poisoning. *Pacific Coast M.*, 1935, 2: 25-7.—Heynsius van den Berg, M. R. Gasvergiftung. *Ned. tschr. geneesk.*, 1911, 2: 1138-52.—Josselin de Jong, D. R. de. Morte per asfissia da vapore acqueo. *Med. infort. lavoro*, 1911, 4: No. 10, 1-10. Also *Ned. tschr. geneesk.*, 1911, 1: 1549-57, pl.—Kanauka, V. [Observations on gassing] *Medicina*, Kaunas, 1936, 17: 824-32.—McWeeney, E. J. Gas-poisoning in Dublin. *Tr. R. Acad. M. Ireland*, 1904, 22: 377-90. Also *Dublin J. M. Sc.*, 1904, 118: 17-29.—Michaelsson, E. [A case of gas burn] *Hygiea*, Stockh., 1922, 84: 675-81.—Milian, G. Les intoxications par les gaz. In *Nouv. prat. dermat.* (Darier, Sabouraud, et al.) Par., 1936, 4: 805-20.—Muntsch. Arzt und Giftgas. *Zschr. ärztl. Fortbild.*, 1933, 30: 339-41.—Peeters, H. [Cases of poisoning by gas] *Ned. tschr. geneesk.*, 1939, 83: 5646-55.—Van Dyke, R. W. History of a case of gas poisoning. *N. York State J. M.*,

1910, 10: 388.—Wehrli, S. Lässt sich der Verlauf einer Gasvergiftung vorausberechnen? In Festschr. H. Zangger, Zür., 1935, 1: 97-108.—Wolck, B. [Case of gas poisoning in a child] Orv. hetil., 1938, 82: 974.

— Etiology.

CHAIGNOT, A. *De l'intoxication par les gaz des ballons. 149p. 8° Par., 1904.

CHEVALIER, J., & CHAIGNOT, A. Des intoxications par le gaz des ballons. 149p. 8° Par., 1904. Also Rev. théor. méd. chir., Par., 1904, 71: 289-301.

WAGNER, H. A. *Die Gefährlichkeit der Betriebsstoffe im Kraftfahrzeugverkehr. 16p. 21cm. Heidelb., 1936.

Another gas hazard. J. Am. M. Ass., 1930, 95: 664.—Armstrong, H. G. Noxious fluids and gases in aviation. In his Principles Aviat. M., Balt., 1939, 166-80.—Campo, P. Disturbi morbos e sinistri accidenti prodotti dalla combustione spontanea di cariche di balistite sulla R. nave M. Polo; profilassi e cura. Ann. med. nav., Roma, 1907, 1: 284-9.—Colman, R. W. Gases from carbon arcs. J. Indust. Hyg., 1938, 20: 289-96.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— & MacPherson, H. G. Gases from carbon arcs; absence of ozone. Ibid., 465-7.—Elkins, H. B. Toxic fumes in Massachusetts industries. Indust. M., 1939, 8: 426-32.

Ernst, C. Gewerbliche Gasvergiftungen. Med. Welt, 1936, 10: 562-6.—Fatal (of the) effects of the damps in a well at Rennes. Philos. Hist. Mem. R. Acad. Sc. Paris, Lond., 1742, 1: 253.—Fleischmann. Die Gefahren der verdichteten und verflüssigten Gase und deren Verhütung. Zbl. Gewerbehyg., 1925, n. F., 2: 280-4.—Gardenghi, G. F. Il passaggio del gas e dei vapori attraverso i materiali da costruzione. Ann. Igiene, 1904, n. ser., 14: 165-204.—Hidassy, D. [Death from gases originating from the refuse of gas works] Orv. hetil., 1936, 80: 537.—Jötten, K. W., & Sartorius, F. Zur Frage der Schädlichkeit der Schachtofen-Gichtgase in der Zementindustrie. Zbl. Gewerbehyg., 1929, n. F., 6: 2.—Kirstein, F. Die Gasvergiftung im Röntgenzimmer. Strahlentherapie, 1920, 10: Orig., 1113-28.—Kranenburg, W. R. H. Zinkätzen und nitrose Gase. Zbl. Gewerbehyg., 1925, n. F., 2: 241-3.—La Towsky, L. W.

Effects on health of gases produced by the electric arc. Am. J. Pub. Health, 1939, 29: 912-20.—Luys, G. Du danger des chauffe-bains à gaz. Clinique, Par., 1926, 21: 360.—Non-poisonous gas is also important in a war role. Science News Lett., 1940, 38: 4.—Oettel, H. Explosionsgas-Vergiftungen an der freien Luft. Samml. Vergift., 1938, 9: A1.—Philipp, A. Die Gefahren der Haldengase. Zbl. Gewerbehyg., 1926, n. F., 3: 135; 158.—Phillips, A. W. Gas poisoning from substances used as mechanical refrigerants. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 761.—Risso, G. Presenza occasionale di gas asfissianti nei comuni Pozzi di Acqua. Riv. ingegn. san., 1905, 1: 321-4.—Schaefer, T. W. The contamination of the air by industrial gases. Diet. Hyg. Gaz., 1908, 24: 274-8.—Williams, C. L. Fumigation deaths as compared with deaths from other poisonous gases. Pub. Health Rep., Wash., 1934, 49: 697-9.

— Manifestations.

Abbott, W. N. The late clinical and pathological sequelae of gas exposure. N. Zealand M. J., 1935, 34: 166-70.—Benon, R. Malades gazés et asthénie chronique. Rev. gén. clin. théor., 1934, 48: 743.—Budelmann, G. Zur Klinik einiger chemischer Inhalationsvergiftungen (Blaukreuz-, Grünkreuz-, Gelbkreuzstoffe, Kohlenoxyd, Benzol) Med. Klin., Berl., 1938, 34: 1029; 1064.—Cacciapuoti, G. B. Contributo clinico alla conoscenza delle intossicazioni nervose professionali, da inalazione di solfuro di carbonio, di acetone, di gas illuminante. Riv. neur., Nap., 1939, 12: 56-85.—Capaccioli, P. Psicopatia a lungo decorso consecutiva ad avvelenamento da gas illuminante. Riv. pat. nerv., 1940, 55: 429-40.—Grimsdale, H. A case of gas-poisoning with unusual ophthalmological complications. Brit. J. Ophth., 1934, 18: 43-6.—Grösz, I. [Eye injury from poisonous gas] Orv. hetil., 1934, 78: 35.—Mauclair, Radio-graphie pulmonaire d'un ouvrier gazé dans la pratique civile; état antérieur; maladie professionnelle. Ann. méd. lég., 1938, 18: 638-43.—Thomson, R. B. C. Chronic gas poisoning. Canad. M. Ass. J., 1940, 42: 464.

— Pathology.

SCHÜTZE, W. E. *Ueber die Gefährdung von Mensch und Tier durch grosse Konzentrationen einiger giftiger Gase von der Haut aus (Kohlenoxyd, Schwefelwasserstoff, Blausäure, Anilin) [Würzburg] p.70-83. 8° Münch., 1927.

Also Arch. Hyg., Münch., 1927, 98:

Abbott, W. N. The incidence of pulmonary disease following exposure to vesicant and asphyxiating gases. N. Zealand M. J., 1933, 32: 257-67.—Allende-Navarro, F. de. Dos casos de intoxicación por gases, con alteraciones de la barrera ectomermica del cerebro. Rev. méd. Barcelona, 1924, 2, ser., 1: 243-50.—Bonnamour, Badolle & Gaillard. L'exploration radiologique des séquelles pulmonaires des gazés par les injections intra-trachéales de lipiodol. J. radiol. électr., 1926, 10: 390-2.—Braestrup, A. [Renal threshold for sugar in gas-poisoning; 2 cases] Nord. med., 1940, 5: 51.—Doub, H. P. Pulmonary changes from inhalation of noxious gases. Radiology, 1933, 21: 105-13. Also Radiol. Rev., 1935, 57: 11-8.—Evans, E. E. An X-ray study of the effects of industrial gases upon the human lung. Radiology, 1940, 34: 411-24.—Evers, A. Ueber die Disposition der Versuchstiere und des Menschen für giftige Gase. Arch. Hyg., Münch., 1931, 106: 225-70.—Francioni, G. Azione dei gas e vapori professionali sull'apparato respiratorio e tubercolosi polmonari: riparazione e prevenzione. Arch. antrop. crim., Tor., 1934, 54: Suppl., 348-55.—Heubner, W., & Schellberg, K. Gaskammer für toxi-kologische Versuche. Arch. exp. Path., Berl., 1935-36, 180: 105-10.—Izard, L., Des Cilleuls, J., & Kermarec, R. Les effets immédiats des gaz toxiques sur l'organisme. Rev. hyg., Par., 1932, 54: 569-94.—Koontz, A. R. After-effects of irritant gases: residual pulmonary lesions. South. M. J., 1934, 27: 676-81.—Marradi Fabroni, S. L'azione dei gas e vapori irritanti sulle prime vie respiratorie nel determinismo della morte di inibizione riflessa (ricerche sperimentali) Atti Accad. fisior. Siena (1928) 1929, 10, ser., 3: 1123-35, 4 pl.—Portal. Observations sur les effets des vapeurs méphitiques dans l'homme. Hist. Acad. sc. Paris (1787) 1788, 239-46.—Ronzani, E. Intorno all'influenza delle inalazioni di gas irritanti delle industrie; sui poteri di difesa dell'organismo verso le malattie infettive. Ann. Igiene, Roma, 1908, n. ser., 18: 137; 1909, 19: 157-93. Also Arch. Hyg. Münch., 1908, 67: 287-366.—Smorodintzev, I. A. [Influence of poisonous substances on the physico-chemical properties of the blood; experimental

TALLET, J. M. *Contribution à l'étude des interventions chirurgicales chez les blessés gazés. 30p. 24½cm. Par., 1940.

Adey, C. W. The medical treatment of gas casualties. Med. J. Australia, 1939, 2: 842-6.—Bang, O. [Apparatus for oxygen treatment of suffocation by gas poisoning] Ugeskr. aeger, 1940, 102: 268-74.—Barre, C. [Care of gassed] Hygiea, Stockh., 1938, 100: 433-57.—Brody, C., & Wittlin, E. Une méthode nouvelle pour faciliter la respiration des gazés. Ann. méd. phys., Anvers, 1940, 33: 23-30.—Christoffersen, N. R. [Oxygen therapy in poisoning by gas] Ugeskr. laeger, 1939, 101: 1105-7.—Ciszewicz, H. [Surgery of the gassed] Lek. wojsk., 1938, 32: 513-27.—Cordier, D. Les inhalations d'oxygène et d'acide carbonique dans la thérapeutique des intoxications par les gaz suffocants. Presse méd., 1934, 42: 561-3.

Le problème de l'anesthésie chez les blessés gazés. Anesthésie, Par., 1938, 4: 429-48.—Deutsch, F., & Weiss, E. Nuevo metodo di cura nelle intossicazioni con gas asfissianti. Riforma med., 1934, 50: 308.—Difesa e pronto soccorso nei colpiti da gas aggressivi. Policlinico, 1939, 46: sez. prat., 2013-9.—Enger, R. Die Gasvergiftungen und ihre Behandlung. Zbl. inn. Med., 1934, 55: 625-34.—Ferrari. Tossicologia e terapia dei gas aggressivi. Boll. chim. farm., 1939, 78: 521; 577; 1940, 79: 40; 138.—Ferri, G. Azione biologica degli aggressivi chimici e norme per il pronto soccorso ai colpiti. Osp. maggiore Novara, 1938, 15: 237-41.—Flury, F. Erste Hilfe bei Gasvergiftungen. Jahrbuch. ärztl. Fortbild., 1933, H. 10, 27-32.—Galup, J. Il faut prévoir et organiser dès maintenant le traitement thermal précoce des gazés. Presse therm. clim., 1940, 81: 63.—Gasschutz und Atemschutz. Zschr. Gewerbehyg., 1934, 41: Fabriksfeuerw., 1; 7; 11.—Gebele. Erste Hilfe und Behandlung von Gasvergiftungen. Münch. med. Wechr., 1933, 80: 1710-2.—Génau, P. Traitement des gazés; à l'exclusion des vésiqués. Monde méd., 1939, 49: 571-7.—Glebovich, A. A. [Oxygen therapy in affections caused by poisonous substances with asphyxiating action] Klin. med., Moskva, 1940, 18: No. 2, 94-101.—Hall, E. H. Evacuation and treatment of gas casualties. Brit. M. J., 1938, 2: 248.—The treatment and evacuation of gas casualties. Ibid., suppl., 209-12.—Hergt, W. Aerztliche Massnahmen zur Behandlung von akuten Vergiftungen durch die Einatmung reizender, erstickender und betäubender Gase und Dämpfe (Ammoniak, Salpetersäure, nitrose Gase, Kohlensäure, Chlormethyl o. ä.) Zbl. Gewerbehyg., 1931, n. F., 8: 273-7.—Hulási Özverim [Treatment of the gassed] Askeri sihiye mecmuasi, 1940, 69: 93-104, pl.—Jones, A. T. The treatment of casualties from lung irritant gases with particular reference to the use of oxygen and carbon dioxide mixture. J. Indust. Hyg., 1940, 22: 235-43.—Marques Porto, E. Aspetos sanitario-cirurgicos da assistencia aos feridos gazados. Rev. med. mil. Rio, 1938, 27: 288-307.—Messeri, F. M. Premiers secours et soins aux gazés. Schweiz. med. Wschr., 1932, 62: 354-7.—Monod, R., & Hombourger, P. L'anesthésie des blessés gazés. Presse méd., 1939, 47: 1437-41.—Piquet & Marchand. La broncho-aspiration dans le traitement d'urgence des intoxications par gaz suffocants. Bronchoc. oesophagosc., Par., 1939, 3: 145-9.—Plotkin, F. M. [Anesthesia of wounded, simultaneously affected by war-gases] Sovet. med., 1940, no. 8, 21-4.—Savaete, P. Une thérapeutique élémentaire anti-gaz est-elle possible en attendant un secours médical? Hôpital, 1939, 27: 216. Also Normandie méd., 1939, 50: 112-5.—Terapia degli accidenti da gas tossici. Rinasc. med., 1936, 13: 97.—Watt, A. H., & Irvine, L. G. Treatment of gas poisoning in Transvaal mines. Brit. M. J., 1915, 2: 247.—Wodon. L'anesthésie des blessés gazés. Arch. belges méd. mil., 1938, 91: 49-58.—Zacharinas, B. [Clinical aspect, treatment and therapy of gassing] Medicina, Kaunas, 1936, 17: 815-24.

in animals.

Andreoni, R. Ricerche tossicologiche sull'acqua ipritata. Clin. vet., Milano, 1939, 62: 421-8.—Bures, J. [Apparatus for hypodermic applications of oxygen to gassed horses] Voj. zdrav. listy, 1938, 14: 268-81.—Danckwortt, P. W. Tiervergiftungen durch Fabrikabgase. Deut. tierärztl. Wschr., 1939, 47: 277-9.—Didine, S. C. The symptoms, first aid, treatment and prevention of gas casualties in horses and mules. Vet. Bull., Wash., 1933, 32: 167-91.—Heelsbergen, T. van [A case of genuine gas burns in a horse] Tsch. diergeneesk., 1926, 53: 156-9.—Patterson, C. A., Smith, E., & Pickett, A. D. Testes and hypophyses in gassed male rats. Proc. Soc. Exp. Biol., N. Y., 1938, 38: 455-60.—Williamson, G. The diagnosis of gas casualties. Vet. Rec., Lond., 1940, 52: 55-7.

GASS, Fritz. *Ueber Encephalitis epidemica choreatica [Basel] 14p. 8°. Bülach, A. Meier-Weiss, 1929.

GASSE, Henri, 1907—*De la diarrhée blanche bacillaire des poussins; de l'élimination des porteurs de germes par la pullorination [Alfort] 83p. 8°. Rennes, Impr. Quest-Eclair, 1930.

GASSE, Walter, 1909—*Ein Fall von posttraumatischer Bindehautcyste [Würzburg] 31p. 8°. Borna, R. Noske, 1936.

GASSEL, Ernst Otto, 1909—*Ueber die Behandlung der Sklerodermie mit Nebennierenrindenhormon [Jena] 21p. 22cm. Eisfeld, C. Beck, 1938.

GASSEN, E[mil] 1896—*Röntgenbestrahlung der Papillome. 15p. 8°. Bonn, W. Kandler, 1922.

GASSENDI, Pierre, 1592-1647. Tallmadge, G. K. Pierre Gassendi and the Elegans de septo cordis pervio observatio. Bull. Hist. M., 1939, 7: 429-57, pl.

GASSER, Conrad, 1912—*Ergebnisse der Pneumokokkentypisierung [Zürich] 19p. tab. 24½cm. Basel, S. Karger, 1938.

Also Schweiz. Zschr. allg. Path. Bakt., 1938, 1:

GASSER, Elisabeth, 1904—*Die Höchstwehenzahlen der Spontangeburt von Mehrgeläbrenden; mit engem Becken und vorzeitigem Blasensprung sowie deren Einfluss auf Mutter und Kind [Zürich] 32p. 8°. Stuttg., 1931.

GASSER, Emil. *Der Einfluss der Silikatzeimente auf die Pulpa. 39p. 8°. [Basel, 1927]

GASSER, Hans, 1902—*Untersuchungen über die Berechnung des Geburtstermines [Zürich] 37p. 23cm. Möhlin, Isenegger & Co., 1938.

GASSER, Herbert Spencer, 1888—See Erlanger, Joseph, & Gasser, Herbert Spencer. Electrical signs of nervous activity. 221p. 8°. Phila., 1937. For biography see Clin. M. & S., 1935, 42: 466, portr. Also Sc. Month., 1935, 41: 181, portr. (W. J. Meek)

GASSER, Herman. The circulation in the nervous system. 156p. 8°. Platteville, Wis.. Journal Pub. Co. [1901]

GASSER, Ilse, 1911—*Ueber Vererbung extremer Hornhautkrümmung. p.667-78. 2 ch. 24½cm. Zür., O. Füssli, 1938.

Also Arch. Julius Klaus Stift., 1938, 13:

GASSER, Otto, 1909—*Ueber die Existenz des Canalis hyaloideus bei Mensch und Tier [Zürich] p.297-304. 23cm. Würzb., H. Stürtz, 1935.

Also Arch. Ophth., Berl., 1935, 134:

GASSER, Paul Jules Marie, 1899—*Etude anatomique, physiologique et pathologique des sésamoides métatarso-phalangiens du gros orteil. 77p. 8°. Par., Press. Univ., 1926.

GASSERIAN ganglion.

See under Trigeminal nerve.

GASSLER, Viktor Joseph. *Ueber eine bis jetzt nicht bekannte recessive Verknüpfung von hochgradiger Myopie; mit angeborener Hemeralopie. 16p. 2 ch. 8°. Zür., O. Füssli, 1925.

GASSMANN, Franz Karl, 1902—*Beiträge zur Klinik der Lymphogranulomatose [Breslau] 14p. vi. 8°. Reichenbach i. Schl., E. Töbing, 1927.

GASSMANN, Gerda, 1907—*Chirurgische Behandlung der Blasencheidenfistel [Berlin] 24p. 8°. Quakenbrück, R. Kleinert, 1935.

GASSMANN, Paul, 1912—*Untersuchungen über die Vererbung des Milchfettgehaltes durch die Bullen beim Bayerischen Höhenfleckvieh [München] 99p. 21cm. Heiligenstadt (Eichsfeld) Brunn, 1938.

GASSMANN, Pierre, 1905—*Contribution à l'étude de la mécanique respiratoire et des mouvements du diaphragme. 176p. 8°. Strasb., 1934.

GASSMANN, Thomas. Die Beziehungen des Phosphors zu den Vitaminen und zu den Lebensvorgängen bei der Hefegärung. 14p. 8°. Bern-K. J. Wyss, 1934.

Der Kristallaufbau der Knochen und der Zähne und seine Beziehungen zur Rachitis und zur Zahnkaries. 24p. 8°. Bern, K. J. Wyss, 1937.

GASSNER, G[eorg] Mikroskopische Untersuchung pflanzlicher Nahrungs- und Genussmittel. xii, 357p. 718 illust. 8°. Jena, G. Fischer, 1931.

GASSNER, Rudolph, 1900— *Lungenbefunde bei Gelenk- und Knochentuberkulose. 56p. 8°. Würzb., C. J. Becker, 1928.

GASSUL, Ruben, 1890— Die Bedeutung der verschiedenartigen Strahlen für die Diagnose und Behandlung der Tuberkulose; mit dem Robert-Koch-Preis für Tuberkuloseforschung gekrönte Monographie. viii, 72p. 8°. Lpz., G. Thieme, 1921.

GASSYT, Luise, 1903— *Beitrag zur Bedeutung der Stuhluntersuchung auf occultes Blut. 23p. 8°. Zür., Fluntern, 1934.

GAST, Albert, 1907— *Lässt sich das Verhalten der Zahnsensibilität für die neurologische Diagnose bei Trigeminusaffektionen, besonders bei Tumoren, verwerten? 25p. 8°. Erlangen, K. Döres, 1933.

GAST, Erich, 1912— *Inwieweit bedeuten die 20° Molaren eine grundlegende Aenderung der bisherigen Ansichten Gysi's? 29p. 20½cm. Bonn, H. Trapp, 1937.

GAST, Ira Morris.
See Skinner, Charles Edward, *Gast, I. M.* [et al.] Readings in educational psychology. 833p. 8°. N. Y. [1926]

GAST, Werner [Otto Friedrich] 1890— *Ueber Bronchialfisteln. p.219-37. 8°. [Lpz.] 1921.

Also Deut. Zschr. Chir., 1922, 175:

GASTAUD, Georges, 1906— *Contribution à l'étude du traitement chirurgical des hydro-néphroses bilatérales. 125p. 8 pl. 8°. Par., Jouve & cie, 1936.

GASTAUD, Paul Joseph, 1899— *Traitement des orch-épididymites blennorrhagiques par les sels de mercure (cyanure) 78p. 8°. Par., Jouve & cie, 1926.

GASTEIN.

See Balneography, Bad Gastein.

GAster, Barnet, 1908— *Ueber die Röntgen- und Radium-Behandlung des Morbus Basedow und Hyperthyreoidismus. 30p. 8°. Berl., R. Pfau, 1936.

GAster, Moses, 1856— Rumanian bird and beast stories rendered into English. xv, 381p. 8°. Lond., Sidgwick & Jackson, 1915.

GASTEROSTOMIDAE.

See also Fascioloidea.

Tseng Shen. Sur un gasterostomide immature chez Siniperca. Ann. parasit., Par., 1930, 8: 554-61.

GASTINEL, Pierre, 1884— Fièvres éruptives. p.299-430. 8°. Par., 1936.

In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par., 1936, 4:

— & **PULVENIS, R.** La syphilis expérimentale; étude critique et nouvelles recherches. 243 [1]p. illust. tab. 8°. Par., Masson & cie, 1934.

GASTINEL, Pierre, & SOLENTE, G. Erythème polymorphe. p.325-64. 8°. Par., 1936.
In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par., 1936, 7:

GASTON, Alain Jean, 1903— *Le traitement des méningites otogènes. 203p. 8°. Par., Vigot frères, 1935.

GASTON, Alexandrine Marcelle, 1894— *De l'opération de Wladimiroff-Mikulicz à propos d'un cas de cancer cutané du talon. 117p. pl. 8°. Par., Libr. L. Arnette, 1931.

GASTON, René, 1898— *La désinfection du cavum dans les maladies infectieuses et dans

la scarlatine en particulier. 47p. 8°. Par., Jouve & cie, 1927.

GASTR ...

For words beginning thus see also Stomach.

GASTRALGIA.

See also Abdomen, painful; Cardia, Spasm; Cardio-diaphragmatic syndrome; Dyspepsia; Epigastralgia; Gastric crisis; Pyrosis; also in 3. ser. Stomach, Neurosis.

TSIRICAS, C. N. *Utilisation du carbonate de bismuth pour le diagnostic et le traitement des gastralgies. 59p. 8°. Par., 1935.

Birnie, J. Jim has a stomach ache. Commonwealth, Bost., 1935, 22: 245-48.—**Cerf, M.** Des douleurs gastriques à type tardif. Progr. méd. belge, 1912, 14: 49-51.—**Dimitriu, C. C., Tanasoca, T., & Popovici, A.** La douleur gastrique étudiée par la méthode viscérographique. Presse méd., 1938, 46: 610-2.—**Douleur (La)** dans les maladies de l'estomac; étude clinique et thérapeutique. Bull. méd., Par., 1923, 37: 477-81.—**Fornet, B., & Szirmai, N.** [The motor functions of the empty stomach with regard to gastric pains] Magy. orv. arch., 1927, 28: 379-92.—**Jacquet, P.** Les états gastralgiques. J. méd. fr., 1928, 17: 268-73.— & **Girode, C.** La gastralgie pure d'origine utérine. Presse méd., 1928, 36: 930.—**Karolus, K.** Magenschmerzen und ihre Begleiterscheinungen. Mitt. Biochem., 1939, 46: 9.—**Latchmore, A. J. C.** Stomach-ache. Lancet, Lond., 1940, 1: 1153-5.—**Lenormand, J.** Traitement des douleurs gastriques et duodénales par les acides aminés. Paris méd., 1933, 87: 518-20.—**Lentini Diaz, J.** Sobre el valor diagnóstico del síndrome gástrico doloroso tardío. Rev. méd. Barcelona, 1929, 11: 240-5.—**Luis y Yagüe, R.** Ante el dolor gástrico. Siglo méd., 1929, 84: 629-32.—**Markov, A. M.** [Novocain iontophoresis in treatment of gastric pain] Klin. med., Moskva, 1937, 15: 857-62.—**Maylard, A. E.** Exploratory gastrotomy in gastralgic affections of a neurotic type. Tr. Med. Chir. Soc. Glasgow, 1911, 10: 99.—**Miller, C.** Gastric pain Brit. M. J., 1926, 1: 369-71. Also Med. Stand., 1926, 49: No. 4, 11-4.—**Muller, M. L.** [On stomach ache] Ned. tsehr. geneesk., 1939, 83: 618-25.—**Nazarov, N.** [Alcohol injections and irrigation of the abdominal arteries with 80% of alcohol in gastralgia] Vest. khir., 1927, 11: 92-105.—**Oury, P., Godard, P., & Nichita, V.** Les étapes du diagnostic causal de la douleur gastrique. Rev. gén. clin. théor., 1930, 44: 33-40.—**Paolucci, R.** Sulla sintomatologia dolorosa gastrica. In his Lez. clin. chir., Bologna, 1934, 21-36.—**Rehuss, M. E.** Gastric pain. Med. Clin. N. America, 1934, 18: 93-105.—**Roch.** Diagnostic des gastralgies par la thérapeutique. C. rend. Congr. fr. méd., 1922, 16, sess., 101.—**Roux.** Diagnostic différentiel des douleurs tardives. Rev. gén. clin. théor., 1911, 25: 533-5. — Les douleurs gastriques d'origine nerveuse. Ibid., 643-6.—**Siéenz de Santa Maria y Marrón.** Dolor de estómago; contribución al estudio de su patogenia. Siglo méd., 1917, 64: 931-4.—**Sherman, F. M.** Interpretation of gastric pain. Kentucky M. J., 1937, 35: 215-8.—**Shuman, J. W.** Stomach ache (right upper quadrant) Med. J. & Rec., 1927, 125: 759.— Stomach ache (left upper quadrant) Ibid., 126: 153. — Stomach ache. Ibid., 438-40.—**Strauss, H.** Ueber Magenschmerzen. Deut. med. Wschr., 1925, 51: 1097-100.

GASTRECTOMY [including resection]

See also Gastro-duodenostomy; Gastro-enterostomy; Gastro-jejunosotomy; Peptic ulcer, Surgery; Stomach, Surgery; also in 3. ser. Stomach, Excision.

LIEBOLD, G. *Zur Heilungsdauer der Magenresektionswunden [Jena] 35p. 22cm. Stadtroda, 1937.

PAYOT, L. *De la gravité opératoire de la gastrectomie. 83p. 8°. Lyon, 1913.

Benitez Soto, L. Estudio histológico de fragmento de estómago y ganglio resecados para tratar quirúrgicamente úlcera gástrica. Rev. méd. mil., Méx., 1939-40, 2: No. 11, 5-12.—**Besson, J. H.** Stomach resection. J. Am. Inst. Homeop., 1935, 28: 668-73.—**Carro, S.** Algunas consideraciones sobre los gastrectomizados. Siglo méd., 1931, 87: 29-31.—**Daly, R.** Case of resection of the stomach. Med. Press & Circ., Lond., 1922, n. ser., 113: 448.—**Delore & Gabrielle.** Présentation d'une pièce opératoire de gastro-duodénctomie. Lyon chir., 1936, 33: 492-7.—**Dominici, M.** Vasta resezione del ventricolo. Clin. chir., Milano, 1913, 21: 1351.—**Donati, M.** La résection gastro-duodénale. Presse méd., 1937, 45: 1838-40.—**Duplant, F.** Examen histologique des pièces prélevées sur les lésions à distance et sur les tranches de gastrectomie. Lyon méd., 1936, 157: 461-6.—**Duval, J.** La gastrectomie, opération bénigne. Clinique, Par., 1938, 33: 35-8.—**Epstein, H. B.** Apropos gastrectomy. Am. J. Surg., 1929, n. ser., 7: 853-7. Also repr.—**Falcone, R.** Osservazioni su alcuni casi di resezione gastrica. Ann. ital. chir., 1929, 8: 193-213.—**Ferey, D.** Sur la gastrectomie. Mém. Acad. chir., Par., 1937, 63: 354-6.—**Finney,**

J. M. T., sr., & Rienhoff, W. F., jr. Gastrectomy. Tr. South. Surg. Ass., 1927, 40: 424-35. Also Arch. Surg., 1929, 18: 140-62.—**Flörcken**. Kapillarmikroskopische Bilder der Schleimhaut des frisch resezierten Magens. Münch. med. Wschr., 1935, 82: 893.—**Florence**. Deux cas de gastrectomie. Lyon méd., 1911, 117: 370.—**Guilleminet**. Deux cas de gastrectomies (malades et pièces) Ibid., 1923, 132: 834-6.—**Hayek**, W. Bakteriologische Befunde an resezierten Mägen. Arch. klin. Chir., 1930, 160: 426-38.—**Jung**, F. T., & Jones, K. K. Gastrectomy in the rat. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 902.—**Kleinschmidt**. Demonstration von Magenresektionspräparaten. Münch. med. Wschr., 1918, 65: 857.—**Kopilov**, N. V. [Three cases of resection of the stomach] Med. obozr., Moskva, 1912, 77: 136-9.—**Kornev**, P. G. [On resections of the stomach] In Jubil. Sborn. (Grekova) S. Petersb., 1921, 62-74.—**Le Gac**, P. Gastrectomie. In Prat. chir. illust. (Pauchet, V.) 3. ed., Par., 1934, 19: 79-100.—**Lemare**, J. P., **Larget**, M., & **Max-Lévy**. Réflexions à propos de la gastrectomie. Bull. méd., Par., 1934, 48: 721; 739.—**MacGuire**, C. J. Some clinical findings in subtotal gastrectomy. Ann. Surg., 1929, 88: 658-68.—**Mann**, F. C., & **Graham**, A. S. Gastrectomy; an experimental study. Ibid., 1932, 95: 455-63.—**Ogilvie**, W. H., & **Irwin**, S. T. Gastrectomy. Brit. M. J., 1935, 1: 794.—**Okinczyk**, J. Gastrectomies complexes. Bull. Soc. nat. chir., Par., 1935, 61: 381-92. Also Presse méd., 1935, 43: 474.—**Pers**, A. Magenresektionen. Deut. med. Wschr., 1913, 39: 1143-5. Also Ugeskr. laeger, 1913, 25: 445-51.—**Raffaelli**, M. Studio serigrafico delle pliche e studio chimografico delle peristalsi nello stomaco resecato. Q. radiol., Belluno, 1937, 8: 385-408.—**Roberts**, J. E. H. Specimen removed by partial gastrectomy and microscope slide. Tr. M. Soc. London, 1926-27, 50: 104.—**Sauerbruch**. Resezierter Magen. Münch. med. Wschr., 1920, 67: 224.—**Valle**, del, & **Brachetto Brian**. Estudio anatómico-patológico de pieza operatoria de piloro-gastrectomía. Bol. Soc. cir. B. Aires, 1927, 11: 567-77.—**Vassallo**, B. Resección de estómago. Sem. méd. B. Aires, 1907, 14: 1025-9.—**Viannay**. Nouveau cas de gastrectomie. Loire méd., 1911, 30: 278.

Anesthesia.

Bankoff, G. Sub-total gastrectomy under local anaesthesia. Malay. M. J., 1937, 12: 50-5.—**Broglio**, R. Cento resezioni gastriche eseguite in rachianestesia con percaina. Policlinico, 1935, 42: sez. prat., 1088-92.—**Cadenat**, F. M. Anesthésie dans la gastrectomie. Mém. Acad. chir., Par., 1938, 64: 563.—**Charles-Bloch**, J. L'anesthésie splanchnique pour gastrectomie. Bull. Soc. nat. chir., Par., 1934, 60: 1310-4.—**Fienhoff**, W. F., jr. Sympathetic nerve block as an adjunct anaesthesia in minimal resection of the stomach for peptic ulcer. Tr. Am. Surg. Ass., 1939, 57: 435-55.—**Finocchio**, R. Gastrectomia por úlcera; técnica de la anestesia local. Rev. cir., B. Air., 1931, 10: 514-28.—**Gardham**, A. J. Die Verwendung der Äthernarkose bei Magenresektionen. Schweiz. med. Wschr., 1935, 65: 78-80.—**Hatch**, F. F. Partial gastric resection under local anaesthesia. California West. M., 1929, 31: 30-3.—**Lanos**, J. Anesthésie locale pour la gastrectomie. Techn. chir., Par., 1934, 26: 108-12. Also Bull. Soc. chir. Paris, 1935, 27: 187-9.—**Pauchet**, V. Gastrectomie sous anesthésie locale. Paris chir., 1930, 22: 43-50. Also Clinique, Par., 1931, 26: 247-9.—**Rienhoff**, W. F., jr. Sympathetic nerve block as an adjunct anaesthesia in minimal resection of the stomach for peptic ulcer. Ann. Surg., 1939, 110: 886-906.

Complication.

See also subheading Sequelae.

HOFFMANN, I. *Operationsmortalität nach Magenresektionen aus der Chirurgischen Universitäts-Klinik Leipzig von 1926 bis einschliesslich 1935 [Leipzig] 28p. 23½cm. Zeulenroda, 1936.

LIVRAN, R. *Le traitement des fistules gastriques après gastrectomie par le tubage duodénal. 37p. 25cm. Bord., 1938.

Alessandri, R. Úlcera duodenale e splenomegalia con ittero: resezione gastro-duodenale e legatura dell'arteria splénica. Bull. Acad. med. Roma, 1934, 60: 236-46.—**Anardi**, T. Contributo alla patogenesi delle fistole gastroduodeno-coliche consecutive a resezione gastrica. Arch. ital. mal. app. diger., 1939, 8: 45-55.—**Andreou**, C., & **Covali**, N. [Excision of the stomach; postoperative, gastric atonia] Spitalul, 1936, 56: 351-3.—**Besson**, A. Contribution à l'étude des syndromes chloruriques apparaissant après les résections gastriques faites sous anesthésie locale. P. verb. Congr. fr. chir., 1938, 47. Congr., 872-4.—**Brandt**, G. Verletzungen des Gallen- und Pankreasganges bei Magenresektionen. Arch. klin. Chir., 1935, 183: 471-4 [Discussion] 107-9.—**Calzavara**, D. Gastrite erosiva emorragica acuta dopo resezione gastrica per ulcera. Arch. ital. mal. app. diger., 1933-34, 2: 590-8.—**Chiarolanza**, R., **Ciminata**, A. [et al.] Pericoli ed errori nella resezione gastrica. Arch. Soc. ital. chir. (1927) 1928, 34: p. cxiv.—**Christmann**, F. E., & **Gorostaga**, S. Complicaciones pulmonares en los gastrectomizados por úlcera gastro-duodenal. Dia méd., B. Air., 1939, 11: 563-5.—**Coenen**. Lungengrän nach ausgedehnten Magenresektionen. Berl. klin. Wschr.,

1912, 49: 573.—**Demel**, R. Fehler, Komplikationen und Störungen im Anschluss an Magenresektionen. Zbl. Chir., 1939, 66: 1872-87.—**Durante**, L. Ueber eine technische Einzelheit zwecks Verhütung embolischer Komplikationen bei der begrenzten Resektion des Magengeschwürs. Deut. Zschr. Chir., 1932-33, 238: 246.—**Ferrari**, R. C. La exteriorización del colon por lesión de los vasos cólicos en el curso de la gastrectomía. Bol. Inst. clín. quir., B. Air., 1933-34, 9: 124-7. Also Sem. méd., B. Air., 1933, 40: pt 2, 742-5.—**Finsterer**, H. Les risques de la résection de l'ulcère de l'estomac ou du duodénum pénétrant dans le pancréas. Bull. Soc. nat. chir., Par., 1933, 59: 373-81. — **Kolongangrän** nach Magenresektionen. Zbl. Chir., 1933, 60: 1285-7.—**Gutiérrez**, A. Consideraciones sobre piloro-gastrectomias complicadas. Actas Congr. nac. cir., B. Air., 1930, 2. Congr., 3: 16-8. Also Rev. cir., B. Air., 1929, 8: 1-8.—**Haberer**, H. von. Infektionsmöglichkeit bei Ulkuseresektionen von den Lymphbahnen aus. Deut. med. Wschr., 1933, 59: 599-602.—**Hertz**, S. Sur quelques troubles post-opératoires des gastrectomies. Rev. gén. clin. thér., 1935, 49: 756-60.—**Hilgenfeldt**, O. Nachmal Magenresektion (Ulcus) Kochsalzinfusion, Gasbrand, Heilung. Zbl. Chir., 1928, 55: 1679-84.—**Hughes-Jones**, W. E. A. Acute dilatation following partial gastrectomy. Melbourne Hosp. Clin. Rep., 1939, 10: 91.—**Judine**, S. De quelques difficultés de la gastrectomie large et des moyens de les surmonter. Presse méd., 1933, 41: 2079-81.—**Koch**, E., & **Belozerkovsky**. Zur Frage der Fistula gastrocolica-jejunalis nach Magenresektion. Zbl. Chir., 1934, 61: 486-92.—**Korganov**, V. S. [Complications in pylorogastrectomy after Billroth] Frsch. gaz., 1925, 29: 319-21. — **Zur Frage der Komplikationen bei Magenresektion nach Billroth I**. Zbl. Chir., 1926, 53: 1511-15.—**Krabbel**, M. Pankreasfistel nach Magenresektion. Ibid., 1938, 65: 461-3.—**Landivar**, A. Fistula gastro-cutanea post piloro-gastrectomia parcial; operación; curación. Bol. Soc. cir. B. Aires, 1935, 19: 173-83.—**Levit**, V. S. [Complications after resection of the stomach by Billroth I and Kocher's method] Vest. khir., 1929, 16: 17: 214-20.—**Marshall**, S. F. Postoperative complications following subtotal gastrectomy. Surg. Clin. N. America, 1937, 17: 705-16.—**Mátyás**, M. Seltene Komplikation in einem Falle von Resectio ventriculi zur Ausschaltung. Zbl. Chir., 1936, 63: 308-10.—**Nogueira**, P. Accidentes do descolamento duodenal no decurso da gastrectomia. Ann. paul. med. cir., 1934, 28: 265-73.—**Orr**, I. M. An unusual accident in gastrectomy. Brit. J. Surg., 1933, 20: 685-7.—**Otte**, H. Bluttransfusion von 2,300 ccm innerhalb von 15 Stunden bei postoperativer lebensbedrohlicher Blutung nach Magenresektion. Zbl. Chir., 1932, 59: 1379-82.—**Oviedo Bustos**, J. M. Aferentitis postgastrectomia por ulcus o cáncer gástrico. Acción méd., B. Air., 1940, 10: 339-46.—**Palma**, R. Fistole duodenali consecutive a resezione gastrica. Arch. ital. chir., 1935, 39: 609-33.—**Pevzner**, M. I., & **Gordon**, O. L. [Clinical aspect and operative treatment of complications following excision of the stomach in gastric ulcers] Nov. khir. arkh., 1939, 43: 142-7.—**Phillips**, J. R., **Waldron**, G. W., & **Vanzant**, F. R. Bilateral pneumothorax and extensive subcutaneous emphysema complicating gastric resection. South. Surgeon, 1938, 7: 118-20.—**Porges**, O. Cholelithiasis mit Dünndarmkatarrh nach Magenresektion. Mitt. Ges. inn. Med. Wien, 1933, 32: 59-61.—**Pototschnig**, G. Pericoli ed errori nella resezione gastrica. Arch. Soc. ital. chir. (1927) 1928, 34: 584-91.—**Roller**, W. Ueber einen Fall von Magenatonie nach Billroth I. Zbl. Chir., 1925, 52: 790.—**Savariaud**. Fistule pancréatique consecutive à une résection pour ulcère et sténose médio-gastrique. Bull. Soc. nat. chir., Par., 1925, 51: 303.—**Schindler**, R., **Necheles**, H., & **Gold**, R. L. Surgical gastritis; a study on the genesis of gastritis in resected stomachs with particular reference to the so-called antral gastritis associated with ulcer. Surg. Gyn. Obst., 1939, 69: 281-6, pl.—**Schmutzler**, E. Durchwanderung eines Ascaris lumbricoides durch die Darmwand und die Bauchdecken nach Magenresektion. Zbl. Chir., 1931, 58: 2435.—**Serebrennikov**, L. V., & **Snezhkov**, V. P. [Complications following excision of stomach for ulcers; pathologic-histological changes in the abdominal wall and intestine due to use of clamps] Khirurgia, Moskva, 1937, No. 8, 3-10.—**Serigós**, E. Complicación rara de una gastrectomia, trombus fulminante de la vesícula biliar. Arch. argent. enferm. ap. digest., 1937-38, 13: 651-61.—**Toupet**, R., **Hertz**, S., & **Boisseau**, R. Le rôle du pneumogastrique dans les complications pulmonaires après gastrectomie. Rev. gén. clin. thér., 1936, 50: 36-8.—**Urrutia**, L. Pancreatitis consecutiva á una resección gástrica. Siglo méd., 1918, 65: 22.—**Wydler**, A. Die acute Epiploitis und Mesocolitis als Komplikation nach Magenresektion. Schweiz. med. Wschr., 1921, 51: 980.

Effect.

DICKÉS, N. *Contribution à l'étude sur le fonctionnement de l'intestin après gastrectomie. 126p. 8° Par., 1936.

Bidart Malbran, J. C., & **Renniewski**, C. Relaciones del cloro plasmático y de la urea en el post-operatorio de los gastrectomizados. Arch. argent. enferm. ap. digest., 1936-37, 12: 92-6.—**Bussabarger**, R. A. A study of the effect of gastrectomy upon immature dogs. Summaries Doct. Diss. Northwestern Univ., 1937, 5: 184-9. — **Jung**, F. T. Survival time and nutritional state of the gastrectomized rat. Am. J. Physiol., 1935, 113: 24. — **Dietary and hematologic studies after gastrectomy in the rat**. Ibid., 1936, 117: 59-67.—**Bussabarger**, R. A., **Wigodsky**, H. S., & **Gunn**, F. D. The effect

of gastrectomy on the monkey. *Ann. Int. M.*, 1939-40, 13: 1028-41.—**Canavero, G.** Quadri ematologici e radiologici di resecati gastrici. *Arch. ital. chir.*, 1938, 48: 876. Also *Arch. Soc. ital. chir.* (1937) 1938, 44: 1031-44.—**Danico, J.** Le bilan nutritif après les résections gastriques. *Arch. mal. app. digest.*, Par., 1930, 20: 40-57.—**Dibold, H., & Taubenhaus, M.** Untersuchungen über das Verhalten atoxylresistenter Lipase nach Operationen am Magen; ein Beitrag zur Frage der Pankreasfunktionsänderung bei Magenresezierten. *Klin. Wschr.*, 1933, 12: 857-60. Atoxylresistente Lipase im Serum nach Magenresektion. *Ibid.*, 1935, 14: 59.—**Fauley, G. B., Strauss, H. A., & Ivy, A. C.** Studies on the effects of subtotal gastric resection in the dog. *Am. J. Surg.*, 1932, 17: 427-33.—**Fedeli, F.** La curva amminoacidemica dopo la gastroenterostomia e la resezione gastrica. *Pathologica, Genova*, 1931, 23: 271-4.—**Friedman, M. H. F., Saltzstein, H. C., & Farbmán, A. A.** Effect of urine from gastrectomized and duodenectomized dogs on gastric secretion. *Proc. Soc. Exp. Biol., N. Y.*, 1940, 43: 181-3.—**Gavrilá, I., & Danico, I.** [Digestion of fats and proteins after gastrectomy] *Spitalul*, 1929, 49: 4-6. Also *C. rend. Soc. biol.*, 1928, 98: 627-9.—**Giordanengo, G., & Psacharopulo, G.** La funzionalità pancreatica nei resecati di stomaco per ulcera gastro-duodenale. *Arch. ital. chir.*, 1938, 48: 870.—**Glaessner, K.** Der Duodenalsaft nach Magenresektion. *Wien. klin. Wschr.*, 1927, 40: 1245-7.—**Govett, E. A., & Talbot, E. S.** Physiologic and symptomatic expectancy following subtotal gastrectomy. *Am. J. M. Sc.*, 1937, 193: 345-54.—**Hertel, E.** Experimentelle Untersuchungen über den Einfluss der Magenresektion auf die Verdauung im Dünndarm. *Arch. klin. Chir.*, 1929, 156: 66-83. Verdauungsphysiologische Unterschiede zwischen Billroth I und Krölein-Mikulicz (Billroth II) *Klin. Wschr.*, 1929, 8: 1904.—**Sartorius, F.** Experimentelle Untersuchungen über den Einfluss der Magenresektion auf Bakteriologie und Chemie des Dünndarms und ihre klinische Bedeutung. *Arch. klin. Chir.*, 1933, 176: 197-235. Änderungen der Keimbesezung und der Zersetzungs Vorgänge im Dünndarm nach der Magenresektion. *Münch. med. Wschr.*, 1933, 80: 1167-9.—**Jensen, J. P.** On changes in the retina after experimental gastrectomy in dogs. *Acta ophth.*, Kbh., 1938, 16: 649-55.—**Jorns, G.** Atoxylresistente Lipase im Serum nach Magenresektion. *Klin. Wschr.*, 1934, 13: 1054-6.—**Kosdoba, A. S., & Rais, A. B.** Der Stickstoffumsatz nach Magenresektion. *Ibid.*, 1649-51.—**Kunin, B. A.** [On the working capacity following resection of the stomach for gastric ulcers] *Vest. khir.*, 1939, 58: 227-33.—**Lagner, V. V.** [Effect of one-stage excision of the stomach, conducted under local anesthesia, on blood pressure] *Khirurgia, Moskva*, 1938, No. 11, 141-50.—**Lapp, F. W., & Dibold, H.** Blutzuckerabfall in seiner Beziehung zum resezierten Magen. *Klin. Wschr.*, 1933, 12: 547.—**Lion, K.** Untersuchungen über das Verhalten der aktuellen Reaktion des Harns nach Magenresektion. *Med. Klin.*, Berl., 1934, 30: 671-3.—**Lombardi, R.** Le modificazioni istologiche nel moncone duodenale dopo resezione gastrica. *Ann. ital. chir.*, 1931, 10: 1301-9. La glicemia dopo resezione gastrica. *Riforma med.*, 1931, 47: 715.—**Meyer-Burgdorff, H.** Die pathologische Physiologie des Verdauungskanal nach Magenresektion. *Chirurg*, 1934, 6: 601-11.—**Montanari-Reggiani, M.** L'influenza della resezione gastro-duodenale sulla funzionalità pancreatica negli ulcerosi gastro-duodenali. *Clinica, Bologna*, 1938, 4: 916-37.—**Polacco, E., & Midana, A.** L'esame della funzionalità pancreatica dopo resezione gastrica. *Gior. med. Alto Adige*, 1929, 1: 9-22.—**Popper, H. L.** Die Diastasewerte im Blut nach Magenresektion. *Deut. Zschr. Chir.*, 1929, 221: 273-8.—**Pron, L.** Examen clinique chimique et radioscopique d'un prépylorectomisé. *Bull. Acad. méd.*, Par., 1919, 3. ser., 82: 387-9.—**Renaud, M.** Digestion des graisses et des protéines après résection de l'estomac. *Rev. crit. path.*, Par., 1930, 1: 292-4.—**Santy, P., & Mallet-Guy, P.** La courbe de reprise de poids après gastrectomie pour ulcère. *Lyon chir.*, 1939, 36: 91-6.—**Schiassi, B.** La neo-architettura gastro-enterica di scelta dopo ampia resezione dello stomaco. *Riv. radiol. fis. med.*, 1931, 5: 142-69.—**Soula, C.** Equilibre glycémique et sécrétion alcaline intestinale; expériences sur 4 chiens totalement gastrectomisés. *C. rend. Soc. biol.*, 1933, 112: 770.—**Spath, F.** Studien über die Funktion des resezierten Magens; Untersuchungen über den Eiweißabbau durch den resezierten Magen. *Deut. Zschr. chir.*, 1931, 232: 563-76. Untersuchungen über den Einfluss der Magenresektion auf die Eiweißverdauung. *Ibid.*, 1932, 237: 123.—**Stern, G.** Untersuchungen über Magen- und Pankreasfunktion nach ausgedehnter Magenresektion. *Wien. klin. Wschr.*, 1929, 42: 1560-3.—**Strauss, A. A., Strauss, S.** [et al.] Physiological and clinical study of patients after subtotal gastrectomy. *Am. J. Digest. Dis.*, 1937-38, 4: 32-7.—**Tempesta, F.** La modificazioni del chimismo gastrico e della crasi sanguinea dopo le resezioni del fondo dello stomaco. *Ann. ital. chir.*, 1940, 19: 195-214.—**Tsang, Yü-Chüan.** Hunger motivation in gastrectomized rats. *J. Comp. Psychol.*, 1938, 26: 1-17.

Effect: Blood picture.

See also Anemia, Agastric; Anemia, pernicious, Causes.

BOSSARD, A. *Ueber das Spätblutbild nach ausgedehnten Magenresektionen wegen Ulcus

ventriculi und Ulcus duodeni. p.118-26, 8° Basel [1934]

Also *Deut. Zschr. Chir.*, 1934, 243.

EICHENTOPF, K. *Ein Beitrag zum Thema Anämie und Magenresektion. 24p. 8° Jena, 1933.

GUTZEIT, H. *Perniziöse Anämie nach Magen- und Kolonresektion. 17p. 8° Königsb., 1930.

KRÜGER [H. K. J.] E. *Ueber Spätanämien nach Magenresektionen unter besonderer Berücksichtigung der perniziösen Anämie. 32p. 8° Berl., 1933.

Acevedo Davenport, E. Sindromas anémicos post-gastrectomía. *Rev. méd. Chile*, 1939, 67: 398-425.—**Anardi, T.** Sulle anemie da resezione gastrica. *Ann. ital. chir.*, 1935, 14: 451-500.—**Antonucci, C.** Sulla tossicità del liquido di ristagno gastrico dopo resezione, e suoi rapporti con le sindromi iperazotemiche e ipocloruremiche post-operatorie. *Policlinico*, 1936, 43: sez. prat., 427-33.—**Bécart, A., & Luquet, G.** Gastrectomies et anémies consécutives. *Bull. Soc. méd. Paris*, 1936, 403-10.—**Boyd, A. M.** The effect of total and subtotal resections of the stomach on blood formation in the dog. *S. Barth. Hosp. Rep.*, Lond., 1938, 71: 117-27.—**Bussabarger, R. A., & Ivy, A. C.** Hematologic studies on gastrectomized monkeys. *Proc. Soc. Exp. Biol., N. Y.*, 1936, 34: 151.—**Chiatellino, A.** Osservazioni sulle anemie ipocromiche da resezione gastrica. *Arch. ital. mal. app. diger.*, 1934, 3: 160-98.—**Dedichen, J.** On blood-changes after gastric resections. *Acta chir. scand.*, 1934, 75: 242-57.—**Delore, P.** Gastropylorotomie pour ulcus: syndrome de Biermer; discussion de son origine gastrique. *Lyon méd.*, 1928, 141: 601-6.—**Denéchau, D., & Gaignard, L.** Un cas d'anémie hyperchrome et hémorragique mortelle, apparue 2 ans après une résection notable de l'estomac pour ulcère tétrabrant de la petite courbure. *Sang. Par.*, 1934, 8: 338-43.—**Dominguez Rodiño, E., & Gómez García, F.** Investigaciones hematológicas en resacados de estómago. *Arch. med.*, Madr., 1934, 36: 57-60.—**Dreher, M.** Veränderungen des roten Blutbildes nach Magenresektion. *Zschr. klin. Med.*, 1939, 136: 525-33.—**Fasiani, G. M., & Chiatellino, A.** Anemia da resezione gastrica. *Arch. ital. mal. app. diger.*, 1934, 3: 447-99. Also *Minerva med.*, Tor., 1934, 25: 780-2.—**Fontes, G., Kunlin, J., & Thivolle, L.** L'anémie consécutive à la gastrectomie ne peut être qu'hypochrome. *Nourrisson*, 1936, 6: 331-5.—**Gagliardi, P.** Il quadro ematologico in operati di resezione gastrica studiato parallelamente al chimismo gastrico e all'esame radiologico prima e dopo l'intervento. *Clin. chir.*, Milano, 1936, n. ser., 12: 655-745.—**Gasbarrini, A.** Anemia ipocromica da resezione gastrica. *Athena, Roma*, 1936, 5: 299-304.—**Goldhamer, S. M.** Blood changes following gastrectomy in monkeys. *Proc. Soc. Exp. Biol., N. Y.*, 1934, 32: 310-2. Also repr.—**Gregoire, R.** Le alterazioni del sangue consicutive alla gastrectomia. *Arch. Soc. ital. chir.* (1937) 1938, 44: 663-6.—**Guillaume, A. C.** Etude physiopathologique sur le rôle hématopoïétique de l'estomac; les anémies provoquées post-opératoires des gastrectomies. *Arch. mal. app. digest.*, Par., 1936, 26: 1015-29.—**Heck, F. J., & Walters, W.** Development of macrocytic anemia following resection of stomach. *Proc. Mayo Clin.*, 1936, 11: 118-21.—**Henschen, C.** Ueber das Spätblutbild der Magenresezierten im Zusammenhang mit der Frage des Vorkommens von Resektionsanämien und deren Prophylaxe. *Arch. klin. Chir.*, 1930, 162: 621-53.—**Hirschfeld, W. K.** Änderungen im Blut nach teilweiser Magenresektion beim Schwein. *Acta brev. neerl.*, 1939, 9: 80.—**Hochrein, M.** Ueber Anämien nach Magenresektion. *Münch. med. Wschr.*, 1929, 76: 1327.—**Ivy, A. C., Richter, O.** [et al.] The relation of gastrectomy to anemia on the presence of the substances effective in pernicious anemia in canine stomach and liver. *Am. J. Digest. Dis.*, 1934-35, 1: 116-9.—**Kuchinsky, P. I.** [Morphology of the blood following excision of the stomach in gastro-duodenal ulcer] *Nov. khir. arkh.*, 1937, 40: 112-7.—**Lacroix, W., & Koek, H. C.** [Case of hyperchromic anemia with neurological symptoms, following stomach excision] *Ned. tschr. geneesk.*, 1937, 81: 2221-4.—**Litvak, I. I.** [Morphological changes of the blood following excision of the stomach in ulcers] *Klin. med.*, Moskva, 1938, 16: 1695-9.—**Lottrup, M. C., & Roholm, K.** Veränderungen im Blutbild nach Magenresektion mit besonderer Berücksichtigung der Anämia perniciosa. *Acta med. scand.*, 1933, 80: 243-50.—**Manizade, M. D.** Zur Frage der Anämie nach Magenresektion (das Blutbild bei 40 Magenresezierten Kranken, 5 bis 12 Jahre nach der Operation wegen Ulcus ventriculi oder duodeni) *Wien. klin. Wschr.*, 1937, 50: 1455-7.—**Merklen, P., Israel, L.** [et al.] Le sang des gastrectomisés. *Nutrition*, 1936, 6: 337-46.—**Merklen, P., Israel, L., & Froelich, F.** Le sang chez les anciens gastrectomisés. *Presse méd.*, 1936, 44: 1065.—**Meulengracht, E.** Simple achylic anemia after gastroenterostomy and partial gastrectomy. *Acta med. scand.*, 1934, 81: 87-106.—**Nørgaard, F.** [Pernicious and pellagrous-like changes following excision of the stomach] *Hospitaltidende*, 1937, 80: 1185-90.—**Ojetti, F.** Anemia ipocromica nei resecati gastroduodenali. *Arch. ital. mal. app. diger.*, 1938, 7: 454-72.—**Planteydt, J. M.** [Hypochromic anemia changing into hyperchromic anemia, years after resection of the stomach] *Ned. tschr. geneesk.*, 1935, 79: 4153-6.—**Princigalli, S.** Vari-

azioni emocitometriche nell'ulcera gastroduodenale prima e dopo resezione. *Ann. ital. chir.*, 1935, 14: 123-40.—**Rieder, W.** Spätblutbild nach ausgedehnter Magenresektion. *Zbl. Chir.*, 1934, 61: 722.—**Rosenthal, N.**, & **Abel, H. A.** Blood changes following partial or total gastrectomy. *Tr. Am. Gastroenter. Ass.*, 1933, 36: meet., 215-25.—**Scartozzi, C.**, & **Ferrando, M.** Il ricambio emoglobino nei gastro-resecati. *Arch. ital. chir.*, 1938, 48: 871. Also *Arch. Soc. ital. chir.* (1937) 1938, 44: 911-4.—**Shumacker, H. B., jr.**, & **Wintrobe, M. M.** Experimental gastrectomy; effects on the blood morphology, especially when complicated by infection or liver damage. *Bull. Johns Hopkins Hosp.*, 1935, 57: 384-402.—**Ugelli, L.** La formula leucocitaria negli ulcerosi gastroduodenali prima e dopo la resezione gastrica. *Polliclinico*, 1936, 43: sez. chir., 652-8.—**Vecchi, A.** Le modificazioni ematologiche nei resecati di stomaco. *Arch. ital. mal. app. diger.*, 1936, 5: 237-52, ch.—**Velo, C. A.** Ricerche ematologiche nei resecati dello stomaco e considerazioni sull'anemia perniciosa dopo resezione gastrica. *Ibid.*, 1931-32, 1: 97-113, ch. Also *Arch. Soc. ital. chir.*, 1931, 37: 851-3.—**Waterman, L.**, **Kok, D. J.**, & **Hirschfeld, W. K.** Hyperchromic anemia following partial gastrectomy (Billroth II) *Acta brev. neerl.*, 1937, 7: 30. [Experimental hyperchromic anemia following excision of the stomach] *Ned. tscr. geneesk.*, 1937, 81: 2622-32.—**Westra, S. A.** [Hyperchromic anemia after excision of the stomach] *Ibid.*, 1934, 78: 2379-87.—**Wigodsky, H. S.** The effect of indole on the red blood cells of normal and gastrectomized dogs. *Am. J. Physiol.*, 1940, 129: 497.

— Effect: Stomach.

Marx, C. L. *Le fonctionnement de l'estomac après gastrectomie. 257p. 8° Par., 1935.

Bénard, H., & **Boutier, L.** Etude sur le fonctionnement gastrique après opération de Reichel-Pólya-Finsterer pour ulcère de l'estomac. *Paris méd.*, 1928, 67: annexe, 283-5.—**Beresow, E.**, & **Stern, N.** Die Arbeitsleistung des nach Billroth I operierten Magens. *Deut. Zschr. Chir.*, 1932, 236: 465-74.—**Brauch, F.** Zur pathologischen Physiologie des resezierten Magens. *Klin. Wschr.*, 1939, 18: 53-7.—**Bremer, H.**, & **Held, A.** Beitrag zur Klinik und Röntgenologie des resezierten Magens (Einfluss der Wirtschaftskrise auf die Erfolge der Magen Chirurgie). *Deut. Zschr. Chir.*, 1932-33, 238: 466-84.—**Canto Moniz, L.** Aspectos microbianos do estomago ressecado. *Med. contemp.*, Lisb., 1938, 56: 57-9.—**Chinaglia, A.** Ricerche sulla flora batterica dello stomaco dopo resezione gastrica. *Arch. ital. mal. app. diger.*, 1931-32, 1: 193-200, 2 ch. Also *Arch. Soc. ital. chir.*, 1931, 37: 854-7.—**Ciancarelli, S.** Studio della permeabilità dei capillari in soggetti gastrectomizzati. *Polliclinico*, 1937, 44: sez. prat., 159-65.—**Danicico, I.** [Clinical and radiological studies of the gastric functions after partial excision of the stomach] *Cluj. med.*, 1929, 10: 637-46.—**Faulhaber & von Redwitz.** Ueber den Einfluss der zirkulären Magenresektion auf die Sekretion und Motilität des Magens. *Sitzber. Phys. med. Ges. Würzburg*, 1914, 19.—**Fediushin, M. P.** [Form and function of the stomach following resection. *Nov. khir. arkh.*, 1938, 40: 273-87.—**Gerlőczy, G.** [Physiology of the stomach after resection] *Orv. hetil.*, 1931, 75: [mell.] 163.—**Kozaka, M.** Pharmakologische Untersuchungen am resezierten Magen. *Verh. Jap. chir. Ges.*, 1929, 30: 23.—**Levit, V. S.** Materials to the investigation of the stomach function after resection. *Acta med. URSS*, 1939, 2: 275-88.—**Marx, C.**, & **Nicolas, M.** La flore microbienne gastro-duodénale après gastrectomie. *Arch. mal. app. digest.*, Par., 1935, 25: 833-41.—**Milanes, F.** Contribución al estudio de la fisiopatología del estómago gastrectomizado por úlcus gastroduodenal. *Arch. med. int.*, Habana, 1936, 43: 50-65, 2 ch. Also *Am. J. Digest. Dis.*, 1936-37, 3: 186-8.—**Okamura, H.**, **Nakamura, H.**, & **Murakata, T.** An experimental study on the changes in function of a rabbit's stomach after a part of great curvature was cut off. *Tr. Soc. path. jap.*, 1937, 27: 163-9.—**Rosenblat, Y. M.**, **Balaban, I. Y.**, **Koch, E. H.** [Resection of the stomach and study of the function] *Vrach. delo*, 1929, 12: 848-53.—**Schomberg, H.** Kapillar-mikroskopische Untersuchungen an resezierten Mägen. *Deut. Zschr. Chir.*, 1927, 201: 258-63, pl.—**Sénèque, J.**, & **Marx, C.** Le fonctionnement de l'estomac après gastrectomie. *J. chir. Par.*, 1936, 47: 1: 177.—**Yoshitoshi, T.** Mikroskopische Beobachtungen über das Magenwandnervensystem des Hundes nach der Resektion sowie der Umwicklung mit einem Magnesiumband der beiderseitigen Vagusstämmen unterhalb des Zwerchfelles. *J. Orient. M.*, Dairen, 1937, 27: 111.—**Zilocchi, E.**, & **Calvi, P. G.** Ricerche istologiche sullo stomaco del cane dopo resezione del fondo. *Arch. sc. med.*, Tor., 1939, 68: 192-210.

— Effect: Stomach: Motility.

Arisz, L. Roentgenological examinations of the stomach after resection. *Acta radiol. Stockh.*, 1926, 5: 196-206, 2 pl.—**Baldelli, G.** Sugli aspetti radiologici dello stomaco resecato. *Arch. radiol. Nap.*, 1936, 12: 9-41.—**Barbèra, G.** Le funzioni motorie dello stomaco dopo resezione. *Polliclinico*, 1937, 44: sez. chir., 437-51.—**Bassi, P.**, & **Linino, G.** Effetti indotti dalle sostanze ad azione farmacodinamica sulla motilità gastrica nei resecati dello stomaco. *Ann. ital. chir.*, 1939, 18: 397-406.— Indagini grafiche sul tono e sulla motilità dello stomaco nei resecati gastrici. *Clinica, Bologna*, 1939, 5: 47-58.—**Berge, J. H.** Gastric motility following subtotal

gastrectomy. *Northwest M.*, 1936, 35: 227-9.—**Bonomini, B.** Esami radiologici di controllo dopo operazione di Judd. *Arch. ital. mal. app. diger.*, 1935, 4: 211-34.—**Delalande, J.**, & **Marx, C.** Les aspects radiologiques de l'estomac après gastrectomie. *Gaz. méd. France*, 1935, 42: gastr. No. 11, 17-20.—**Kirschner, M.** Die motorische Tätigkeit des resezierten Magens. *Zbl. Chir.*, 1929, 56: 844-7.—**Lazzaroni, A.** Osservazioni radiologiche sul comportamento della motilità intestinale nel cane operato di gastrectomia completa. *Boll. Soc. ital. biol. sper.*, 1935, 10: 532-4.—**Liberatori, E.** Osservazioni radiologiche sullo stomaco resecato nei giorni immediatamente successivi nell'intervento. *Prat. chir.*, Aruzzo, 1933-36, 4: 428-41.

— Roentgenologic observations on the resected stomach following surgical intervention. *Am. J. Roentg.*, 1937, 38: 268-79.—**Matteucci, E.** Aspetto radiologico dello stomaco dopo l'operazione di Judd. *Radiol. med.*, Milano, 1935, 22: 787-90.—**Otto, K.** Die Motilität des Magens nach der Resektion. *Arch. klin. Chir.*, 1939-40, 197: 448-76.—**Santy, P.**, & **Mallet-Guy, P.** Modalités radiologiques du fonctionnement des gastrectomies. *Rev. chir. Par.*, 1939, 77: 247-73.—**Shay, H.**, & **Gershon-Cohen, J.** Experimental studies in gastric physiology in man; the mechanism of gastric evacuation after partial gastrectomy as demonstrated roentgenologically. *Am. J. Digest. Dis.*, 1935-36, 2: 608-13.—**Shlapobersky, V. I.**, & **Neporent, M. I.** [Motor-function of the stomach following excision by Billroth II method and its modifications] *Khirurgia, Moskva*, 1937, No. 10, 73-89, 2 pl.—**Skvaril, J.** Röntgenologische Untersuchungen resezierter Mägen. *Chirurg*, 1935, 7: 633-41.—**Vitkin, S. F.** [Motor function in a resected stomach] *Nov. khir. arkh.*, 1937, 40: 50-75. Also *Ann. Surg.*, 1940, 111: 27-48.

— Effect: Stomach: Secretion.

Dagaev, V. F. *[Digestive chemistry after partial resection and complete removal of the stomach] 149p. 8° S. Petersburg, 1911.

Arezzi, G. La secrezione gastrica nei resecati, studiata nella posizione di decubito sinistro. *Arch. ital. chir.*, 1938, 48: 869. Also *Arch. Soc. ital. chir.* (1937) 1938, 44: 884-9.—**Ascoli, M.** Le modificazioni del chimismo gastrico dopo le resezioni dello stomaco. *Polliclinico*, 1926, 33: sez. chir., 117-28.—**Baranova, V. I.** [Gastric juice after resection of the stomach] *Sovet. khir.*, 1931, 1: 302-4.—**Basch, F.** El descenso de la acidez clorhidrica después de la resección gastrica por el método de Billroth I. *Prensa méd. argent.*, 1931-32, 18: 505-21.—**Bobbio, A.**, & **Arezzi, G.** Su comportamento della eliminazione del rosso neutro dopo la resezione gastrica per ulcera. *Arch. ital. chir.*, 1936, 44: 173-90.—**Cerulli, G.** La secrezione gastrica dopo gastrectomia. *Clin. chir.*, Milano, 1936, 39: 621-44.—**Chinaglia, A.**, & **Carretta, U.** Sulla presenza del cloro minerale (cloruri) nel succo gastrico dei resecati. *Arch. ital. chir.*, 1937, 46: 515-40. — Sul comportamento della secrezione cloridrica dei resecati gastrici di fronte a stimoli secretivi diversi. *Ibid.*, 1938, 48: 875. Also *Arch. Soc. ital. chir.* (1937) 1938, 44: 1018-22.—**Comfort, M. W.** Effect of partial gastrectomy on secretory capacity of the stomach. *Proc. Mayo Clin.*, 1934, 9: 500-4.—**Danicico, I.** [Study of digestive functions after gastro-enterostomy and after gastric resection] *Cluj. med.*, 1927, 8: 1-2, 25-32.—**Enderlein & Zukschwerdt, L.** Die Erregung der Magensaftsekretion nach Resektion des Antrum-Pylorusanteils des Magens. *Deut. Zschr. Chir.*, 1931, 232: 290-8.—**Hill, F. C.**, **O'Brien, F. T.**, & **Wilhelm, C. M.** Effect of partial gastrectomy on gastric acidity. *Arch. Surg.*, 1937, 34: 909-16.—**Klein, E.** Gastric secretion after subtotal gastrectomy. *Am. J. Surg.*, 1927, n. ser., 3: 385-8. Also *J. Am. M. Ass.*, 1927, 89: 1235-9.

— Gastric secretion; achlorhydria following partial gastrectomy for ulcer: studies with histamine and the transplanted gastric pouch. *Arch. Surg.*, 1935, 30: 162-70.—**Lewis, E. B.** Acidity of gastric contents after excision of the antral mucosa. *Surgery*, 1938, 4: 692-9.—**Manzini, C.**, & **Conti, G.** Dei rapporti fra lesioni anatomo-istologiche, manifestazioni cliniche e reperti del succo gastrico, studiati in stomaci resecati per ulcera gastroduodenale e per gastrite follicolare. *Clin. chir.*, Milano, 1938, 41: 721-72, tab.—**Marx, C.**, & **Delaville, G.** A propos de la sécrétion gastrique après gastrectomie pour ulcères gastro-duodénaux. *Arch. mal. app. digest.*, Par., 1935, 25: 827-33.—**Merklen, P.**, **Israël, L.**, & **Froelich, F.** De la sécrétion gastrique chez les gastrectomisés. *Presse méd.*, 1935, 43: 257. Also *Nutrition*, Par., 1936, 6: 347-51.—**Negri, M.** La cromogastroscoopia col rosso neutro prima e dopo resezione gastrica per ulcera. *Arch. ital. mal. app. diger.*, 1939, 8: 273-87, tab.—**Portis, S. A.**, & **Portis, B.** Effects of subtotal gastrectomy on gastric secretion; experimental studies by aid of a Pawlow pouch in dogs. *J. Am. M. Ass.*, 1926, 86: 836-9.—**Previtera, A.** Le modificazioni del chimismo gastrico dopo resezione dello stomaco. *Gazz. osp.*, 1938, 59: 904-8.—**St John, F. B.**, **Flood, C. A.**, & **Gius, J. A.** Effect of partial gastrectomy on acidity and peptic activity of gastric juice. *Surgery*, 1939, 5: 179-85.—**Santy, P.**, **Mallet-Guy, P.** [et al.] Modalités chimiques du fonctionnement des gastrectomies. *Lyon méd.*, 1938, 162: 485-500.—**Schur, H.** Die Bedeutung der Sekretionsherabsetzung des Magensaftes durch die Antrumresektion für die Verhütung des Entstehens des Ulcus pepticum jejuni. *Wien. med. Wschr.*, 1933, 83: 72-7.—**Shapiro, P. F.** Return of gastric acidity after subtotal gastrectomy and double vagotomy. *Proc. Inst. M. Chicago*, 1934, 10: 38. — & **Berg, B. N.** Return of gastric acidity after subtotal gastrectomy and double vagotomy. *Proc. Soc.*

Exp. Biol., N. Y., 1932, 29: 743-5. Also Arch. Surg., 1934, 28: 160-79.—**Speranskaia-Stepanova, E. N.** [Ueber die Sekretion der Fundaldrüsen nach der Entfernung des Pylorus] J. Physiol. USSR, 1935, 18: 962-72.—**Walters, W.** Gastric acidity following operations for gastric and duodenal ulcer; its effect on the question of partial gastrectomy. Ann. Surg., 1936, 104: 585-93.—**Watson, J. R.** The effect of fundusctomy on the acidity of the gastric and duodenal content: an experimental study. Collect. Papers Mayo Clin., 1934, 26: 27. Also Arch. Surg., 1935, 31: 1-9.—**Wilhelmj, C. M., McCarty, H. H., & Hill, F. C.** Gastric acidity following partial gastrectomy and vagotomy. Am. J. Physiol., 1936, 117: 533-41.—**Winkelstein, A.** Gastric secretion after partial gastrectomy for ulcer. Am. J. Surg., 1929, n. ser., 7: 494-7. Also Tr. Am. Gastroenter. Ass. (1929) 1930, 32: 494-7. Also repr. — Some physiological aspects of the gastric secretory changes in peptic ulcer before and after partial gastrectomy. Ibid., 1933, 36: meet., 206-14.—**Zilocchi, E., & Calvi, P. G.** Ricerche sperimentali sul chimismo gastrico dopo resezione del fondo dello stomaco. Arch. sc. med., Tor., 1939, 67: 153-68.

— Indication.

See also **Gastro-enterostomy**, **Indication**; **Peptic ulcer**; **Pylorus**, **Stenosis**; **Stomach**, **Ulcer**, &c.

Aceña, M. La gastrectomía; sus indicaciones, técnicas y resultados. Siglo méd., 1933, 91: 634; 663.—**Bonneau, H., & Masson.** Résection du tiers inférieur de l'estomac et de la partie initiale du duodénum pour tumeur fibreuse inflammatoire ayant provoqué un œdème étendu de la paroi gastrique. Bull. Soc. anat. Paris, 1911, 86: 618-22.—**Catalina Prieto, A.** La gastrectomía; sus indicaciones, técnica y resultados. Siglo méd., 1933, 91: 537-48.—**Delore & Gabrielle.** Gastrectomies pour gastrites hémorragiques. Lyon chir., 1935, 32: 435-42.—**Duval, J.** Réflexions à propos de 65 opérations sur l'estomac; de la gastrectomie large d'emblée dans les sténoses pyloriques. Bull. Soc. nat. chir., Par., 1933, 59: 1507-9.—**Erdmann, J. F., & Clark, H. E.** Gastrectomy for various conditions. Tr. Internat. Coll. Surgeons, 1939, 2: 25-30.—**Gallina, V.** Nuove vedute sulle resezioni limitate dello stomaco. Osp. maggiore Novara, 1934, 11: 284-6.—**González Bosch, R.** Píloro-gastrectomía subtotal por gastritis crónica. Día méd., B. Air., 1930-31, 3: 792.—**Hernando y Ortega, T.** La gastrectomía; sus indicaciones, técnica y resultados. Ibid., 1933-34, 6: 423. Also Siglo méd., 1933, 91: 601-12.—**Serrada, L., & Catalina, A.** Indicaciones, técnica y resultados de la gastrectomía. Arch. méd., Madr., 1933, 36: 589-99.—**Horsley, J. S.** Partial gastrectomy, its indications, prophylaxis and technic. J. Am. M. Ass., 1926, 86: 664-8.—**Landivar, A. F., Liambias, J., & González Bosch, R.** Píloro-gastrectomía en una gastritis crónica foliular erosiva metaplásica que simulaba clínicamente un cáncer gástrico. Bol. Soc. cir. B. Aires, 1930, 14: 359-80. Also Día méd., B. Air., 1930-31, 3: 17-9.—**Le Gac, P.** A propos de la gastrectomie d'urgence. Bull. Soc. chir. Paris, 1938, 30: 12-27.—**Loucks, H. H.** Gastric resection; indications, technique and end results. Chin. M. J., 1937, 52: 191-210.—**Mallet-Guy & Shu Pao Y.** Gastrite hémorragique; gastrectomie. Lyon chir., 1935, 32: 724-7.—**Mayo, C. W.** Simultaneous gastric and colonic resection for carcinoma: report of a case. Proc. Mayo Clin., 1934, 9: 417.—**Phillips, J. R., & Waldron, G. W.** Lesions of the stomach and duodenum requiring gastric resection. Med. Rec., Houston, 1938, 32: 535-7.—**Rodríguez Díaz, A.** La gastrectomía como operación de urgencia; presentación de 2 casos clínicos. Arch. Soc. estud. clín. Habana, 1939, 33: 1-15.—**Serrada y Díaz, L.** La gastrectomía; sus indicaciones, técnicas y resultados. Siglo méd., 1933, 91: 565-87.—**Hernando & Catalina.** La gastrectomía; sus indicaciones, técnica y resultados. Med. Ibera, 1933, 27: 52-4.—**Takats, G.** Indications for partial gastrectomy. Med. J. & Rec., 1927, 125: 266-8.—**Vecchi, A.** La resezione della pars pylorica a cura delle gastriti croniche ipergetiche. Arch. Soc. ital. chir. (1926) 1927, 33: 495-500.—**Walters, W.** Gastric resection in unusual cases. Proc. Mayo Clin., 1930, 5: 211.

— Indication: Ulcer.

See also **Peptic ulcer**; **Stomach**, **Ulcer**.

BOURDICHON, P. *La résection large, traitement idéal des ulcères et cancers d'estomac. 48p. 24½cm. Par., 1939.

OBERTHUR, H. *La gastrectomie dans l'ulcère de l'estomac et du duodénum. 231p. 8°. Par., 1926.

SEPP, W. *Ueber Pylorantrektomie als indirekt wirkende Operation beim hochstehenden Magengeschwür [Würzburg] 16p. 8°. Ochsenfurt, 1935.

Abell, J. Resection of stomach for calloused saddle ulcer of lesser curvature. Kentucky M. J., 1916, 14: 341.—**Albertolli, C. A., & Trongé, C. L.** Exciisión por resección cuneiforme en el tratamiento de algunas úlceras de la pequeña curvadura. Rev. As. méd. argent., 1939, 53: 619.—**Alessandri, R.** Sur l'indication et la technique des résections gastriques pour cancer et pour ulcère. Bruxelles méd., 1930-31, 11: 736-9.—

Brenizer, A. G. Indications for excision and gastrectomy and results following operation. Am. J. Surg., 1931, n. ser., 12: 284-9.—**Brooks, B.** Treatment of peptic ulcer by resection of the stomach. South. M. J., 1932, 25: 682-7.—**Brütt, H.** Bakteriologische Gesichtspunkte zur Frage der Resektion des perforierten Magen-Duodenalgeschwürs. Beitr. klin. Chir., 1926-27, 138: 601-13.—**Butler D'Ormond, R. de.** Les indications de la gastrectomie en cas d'ulcère gastrique. Paris chir., 1931, 23: 119-31.—**Caeiro, J. A.** La gastrectomía en el tratamiento de las hemorragias graves de la úlcera gastroduodenal. Bol. Soc. cir. B. Aires, 1933, 17: 537; 643.—**Carayannopoulos, G., & Alivisatos, C. N.** A propos de 234 cas de résections larges de l'estomac pour ulcères gastroduodénaux. Mém. Acad. chir., Par., 1938, 64: 1449-54.—**Carnot, P.** Pourquoi doit-on réséquer les ulcères gastriques? Paris méd., 1918, 29: 451-6.—**Castillo, A. J.** La gastropílorotomía como tratamiento quirúrgico de las úlceras gastroduodenales. Gac. méd. Caracas, 1937, 44: 323; 339; 353; 369.—**Chamberlain, D.** Partial gastrectomy for gastric ulcer. Surg. Gyn. Obst., 1927, 45: 513-7.—**Charrier, J.** Gastrectomie pour ulcère peptique gastroduodénal. In Techn. chir. (Gosset, A.) Par., 1936, 177-201.—**Chauvenet, A.** Remarques sur le traitement chirurgical des gastroragies graves d'origine ulcéreuse par la gastrectomie. Paris méd., 1932, 85: 399-402.—**Clark, J.** Partial gastrectomy for simple ulcer of the stomach. Med. Press & Circ., Lond., 1911, n. ser., 92: 636.—**Comolli, A.** La resezione mediogastrica nella cura radicale dello stomaco a clepsidra. Arch. ital. chir., 1929-30, 25: 204-9.—**Connell, F. G.** Partial gastrectomy in treatment of peptic ulcer. Surgery, 1938, 3: 696-701. Also repr.—**Cotte, G.** Ulcères multiples de l'estomac; gastrectomie. Bull. Soc. méd. hôp. Lyon, 1914, 13: 226. Also Lyon méd., 1914, 122: 716.—**Crymble, P. T.** Three recent cases of gastric ulcer treated by gastrectomy. Ulster M. J., 1938, 7: 134-6. 2 pl.—**De Gironcoli, F.** Sulla resezione gastrica per ulcera peptica postoperatoria. In Scritti in onore di E. Buri, Nap., 1930, 9: 207, 4 pl.—**Delore.** A propos de gastrectomie pour ulcère. Lyon chir., 1939, 36: 118.—**Gabrielle.** Ulcères multiples de l'estomac et du duodénum; gastroduodénectomie. Ibid., 1937, 34: 89.—**Delore, X., & Roux, M.** A propos d'un ulcère gastrique de la petite courbure traité par une gastro-pylorique large. Ibid., 1936, 158: 370-2.—**Denis, R.** Au sujet du traitement de l'ulcère gastroduodénal par la gastrectomie. Lyon chir., 1934, 31: 484-9.—**La gastrectomie dans l'ulcère.** Ibid., 1935, 32: 83.—**Denk, W.** Magenresektion wegen Ulkus der Magenmitte. Wien. klin. Wschr., 1919, 32: 1191.—**Didier, R., & Bompard, H.** Le traitement de l'ulcère haut situé de la petite courbure par la gastrectomie en 2 temps. J. internat. chir., Brux., 1938, 3: 451-75.—**Doederlein.** Magenresektion bei Karzinom und Ulkus. Deut. med. Wschr., 1917, 43: 448.—**Donovan, E. J.** Subtotal gastrectomy for penetrating ulcer of the lesser curvature of the stomach. Surg. Clin. N. America, 1931, 11: 507.—**Douglas, J.** Gastric ulcer, excision. Ann. Surg., 1916, 63: 744.—**Downes, W. A.** Mediogastric resection of the stomach for ulcer, with hour-glass contraction. Ibid., 1914, 60: 499, pl.—**Drüner, L.** Wann ist die Resektion bei perforiertem Magen- und Duodenalgeschwür indiziert? Zbl. Chir., 1926, 53: 1310.—**Dubourg, E., & Papin, F.** Pyloro-gastrectomie pour vieil ulcère pylorique. Gaz. sc. méd. Bordeaux, 1921, 42: 309.—**Freeman, L.** Partial gastrectomy for peptic ulcers coincident with lympho-sarcoma of the stomach; recovery. Colorado M., 1928, 25: 362-7.—**Frehling, J. M.** Sub-total gastrectomy for the radical cure of gastric and duodenal ulcers. Kentucky M. J., 1929, 27: 148-55.—**Galambos, A.** The problem of subtotal gastrectomy for peptic ulcer from a medical standpoint. Med. Times, N. Y., 1926, 54: 176; 183.—**Gómez de Rosas, N.** Píloro-gastrectomía por úlcera callosa extensa. Rev. méd. cubana, 1924, 35: 722-7. 2 pl.—**La píloro-gastrectomía en el cáncer y úlcera callosa (extirpación casi total del estómago, con éxito)** Ibid., 1926, 37: 823-8.—**Goullioud, M.** Du traitement des ulcères d'estomac par la pylorotomie et l'hémigastrectomie pylorique. Lyon chir., 1928, 25: 526-47.—**Grimault, L.** Dix cas d'ulcères perforés traités par excision et pyloroplastie. Arch. fr. belg. chir., 1929-30, 32: 124-38.—**Guérin.** Ulcère de la petite courbure réséqué. Lyon méd., 1920, 129: 619.—**Henle, C.** Ueber gehäuftes Auftreten von perforierten Magengeschwüren, zugleich Beitrag zur Frage der primären Magenresektion. Chirurg, 1930, 2: 987-91.—**Hunt, V. C.** Conservative surgical procedures versus radical partial gastrectomy for peptic ulcer. Southwest. M., 1936, 20: 81-5.—**Joly, M.** Ulcère tébrant géant guéri par gastrectomie. Bull. Soc. radiol. méd. France, 1936, 24: 806-8.—**King, M. K.** Partial gastrectomy for ulcer of the stomach and duodenum. Hosp. News, Wash., 1938, 5: No. 7, 17-25, 7 fig.—**Kreuter, E.** Ueber die Zulässigkeit der primären Magenresektion bei frei perforierten Magen-Duodenalgeschwüren. Klin. Wschr., 1927, 6: 742.—**Landelius, E.** Radikale Resektion bei der Ulcuskrankheit. Acta chir. scand., 1939, 82: 461-74.—**LaRoque, G. P.** Partial resection of the stomach for ulcer. Virginia M. Month., 1933, 60: 4-7.—**Le Gac, P.** A propos de la chirurgie gastrique; gastrectomie pour ulcère tébrant de la petite courbure. Bull. Soc. méd. Paris, 1936, 469-77.—**Die Behandlung des Ulcus rodens der kleinen Magenkurve und des Darmulcus durch Magenresektion.** Arch. klin. Chir., 1937, 189: 587-93.—**Gastrectomie dans les ulcères gastriques et duodénaux.** Bull. Soc. méd. Paris, 1937, 45-55.—**Ulcères gastriques multiples, gastrectomie.** Clinique, Par., 1939, 34: 72.—**La gastrectomie dans les ulcères tébrants de l'estomac et du duodénum.** Rev. méd. fr., 1939, 20: 361-70.—**Leplat. Qua-**

torze résections gastriques pour ulcus térébrants de la petite courbure. Bull. Soc. chir. Paris, 1931, 23: 77-85.—**Mage, S.** A consideration of the present status of sub-total gastrectomy in the treatment of gastroduodenal ulceration. J. Mount Sinai Hosp. N. York, 1937-38, 4: 1059-65.—**Malan, E.** Voluminoso ascesso della parete gastrica guarito con la resezione dello stomaco. Ann. ital. chir., 1940, 19: 66-80.—**Marshall, S. F., & Kiefer, E. D.** Partial gastrectomy for gastric or duodenal ulcer. J. Am. M. Ass., 1937, 109: 1341-7.—**May, H.** Gastric resection with pylorotomy, a method of choice in the surgical treatment of peptic ulcer. Pennsylvania M. J., 1936-37, 40: 832-5.—**Mayer, L.** Gastrectomie subtotale pour ulcère médio-gastrique. Ann. Soc. sc. méd. nat. Bruxelles, 1921, 75: 34.—**Miller, G.** Subtotal gastric resection for peptic ulcer. Surg. Gyn. Obst., 1937, 65: 489-94.—**Moschowitz, A. V.** Resection of pylorus and adjoining portion of stomach (one-half) for ulcer of lesser curvature. Ann. Surg., 1915, 61: 492.—**Mouchet, A.** Quelques réflexions sur la gastrectomie dans l'ulcère gastro-duodénal. Paris méd., 1937, 105: 81-3.—**Neugebauer, F.** Zu dem Aufsatz Dr Fr J. Kaiser's in Nr. 40 d. Zbl.: Längresektion der kleinen Kurvatur des Magens zur Behandlung des Ulcus ventriculi. Zbl. Chir., 1922, 49: 48.—**Neuman, F.** Le traitement des ulcères gastriques et duodénaux par la gastrectomie. Bull. Acad. méd. Belgique, 1936, 6. ser., 1: 417-31.—**Nicolaysen, J.** Gastrectomy as the normal operation in gastric ulcer. Practitioner, Lond., 1927, 118: 78-83.—**Papin, F.** Ulcère calleux de la petite courbure avec biloculation gastrique; gastrectomie. Bordeaux chir., 1930, 1: 74.—**Pascale, G.** Ulcera cronica gastro-duodenale; perforazione; intervento dopo 12 ore; ampia resezione gastroduodenale; guarigione. Ann. ital. chir., 1930, 9: 70-7.—**Patel, U.** Ulcère de l'estomac chez une femme âgée; gastrectomie. Lyon chir., 1937, 34: 453.—**Pauchet, V.** Indications de la gastrectomie pour ulcus gastrique, duodénal, jéjunal. Gaz. hôp., 1931, 104: 1053-6.—**— & Luquet, G.** Surgical treatment of ulcers of the superior third of the stomach (groove resection) Surg. Gyn. Obst., 1930, 51: 307-77, pl.—**Pertchos, G.** Ueber die Resektion des Magens bei Magen Geschwür. Verh. Deut. Ges. Chir., 1914, 43: 2. Teil, 34-43.—**Peterson, E. W.** Indurated ulcer of the stomach; resection of pylorus. Denver M. Times, 1914-15, 34: 358.—**Pineda, J. C.** Gastrectomia por ulcus; casos clínicos. Rev. med. cir. Habana, 1926, 31: 479-81.—**—** La gastrectomia como tratamiento del ulcus o cáncer. Crón. méd. quir. Habana, 1928, 54: 413-5.—**Pineiro Sorondo, J.** Sobre tres antroploroctomías por úlcera gastroduodenal perforada. Bol. Soc. cir. B. Aires, 1930, 14: 141-6.—**Pool, E. H.** Partial gastrectomy for callos ulcer near pylorus. Tr. N. York Surg. Soc., 1912, 1: 155-7.—**Pototschnig, G.** La resezione gastro-duodenale nell'ulcera perforata del duodeno (8 casi, 6 guarigioni). Arch. Soc. ital. chir. (1926) 1927, 33: 512-6.—**Pringle, S.** Ulcer excised from hour-glass stomach. Tr. Ir. Acad. M. Ireland, 1914, 32: 147.—**Radford, A.** Partial gastrectomy in the treatment of peptic ulcer. S. Afr. M. J., 1938, 12: 213.—**Ramsdell, E. C.** Gastrectomy in the treatment of peptic ulcer. Rapp. Congr. Soc. internat. chir., 1929-30, 2. Congr., 2: 168-78.—**Ricci, G.** Su 28 casi di resezione a sella dello stomaco per ulcera della piccola curvatura. Arch. ital. chir., 1938, 48: 871. Also Arch. Soc. ital. chir. (1937) 1938, 44: 915-23.—**Richter, H.** Hat sich für die operative Behandlung des Ulcus pepticum ventriculi resp. duodeni die Magenresektion als die beste Methode bewährt? Chirurg. 1928-29, 1: 270.—**Rigollot-Simonnot, M.** Résection d'un ulcère de la petite courbure de l'estomac. Paris chir., 1914, 6: 258.—**Rodman, W. L.** Pylorotomy and partial gastrectomy, or excision of the ulcer-bearing area in the treatment of gastric ulcer. Tr. Am. Surg. Ass., 1914, 32: 145-56 [Discussion] 164-70.—**Rowlands, R. P.** Partial gastrectomy for simple ulcer. Proc. R. M. S., Lond., 1920-21, 14: Sect. Clin., 7.—**Santy, P.** A propos des gastrectomies pour ulcères largement adhérents. Lyon chir., 1939, 36: 628-33.—**Schwarz, E.** Ueber die Berechtigung der Magenresektion beim frei perforierten Magen- und Duodenalgeschwür. Deut. Zschr. Chir., 1926, 197: 156-62.—**Sebening, W.** Why partial gastric resection is preferred for peptic ulcer in Germany. Proc. Mayo Clin., 1932, 7: 139-42.—**Slocker, R.** Resección de úlcera de estómago. Rev. ibero. amer. cienc. méd., Madr., 1915, 33: 352, pl.—**Soldevilla Rodríguez, V.** La gastrectomia como tratamiento de elección en las perforaciones agudas de las úlceras gastroduodenales. Clin. lab., Zaragoza, 1932, 20: 234.—**Suttner, C. N.** Excision of ulcer-bearing area in gastric surgery. Northwest M., 1916, n. ser., 15: 49.—**Taverna, M. J.** La gastrectomia amplia en la úlcera gástrica. Sem. méd., B. Air., 1935, 42: 952.—**Tisserand, P.** Pyloro-gastrectomie pour ulcère de la petite courbure. Rev. méd. est., 1920, 48: 110-2.—**Tixier, R.** Résection médio-gastrique pour biloculation par ulcère. Lyon méd., 1914, 122: 1269-71.—**Valle, D. del.** Sobre dos casos de gastrectomia subtotal por úlcera. Rev. As. méd. argent., 1915, 23: 1145-8.—**Viannay, C.** Trois cas de gastrectomie pour ulcère. Loire méd., 1933, 47: 152-9.—**Vitrac & Charbonnel.** Résection médio-gastrique pour ulcères de l'estomac. J. méd. Bordeaux, 1922, 52: 861.—**—** Résection médio-gastrique pour ulcères calleux de la petite courbure. Gaz. sc. méd. Bordeaux, 1923, 44: 19-22.—**Wightman, H. W.** Resection of the duodenopyloric region for extensive ulceration. Nebraska M. J., 1917, 2: 243.—**Willencourt, de.** Gastrectomie pour ulcère à fond pancréatique faisant une biloculation. Lyon chir., 1935, 32: 86-9.—**Willis, J. C., Jr., & Taylor, W.** Subtotal gastrectomy for peptic ulcer. Tristate M. J., 1939-40, 12: 2379.

Instruments, and suture.

NÈGRE, A. L. *De l'utilité de l'appareil de von Petz au cours des gastrectomies. 78p. 8° Par., 1935.

Barret, M. La gastrectomie simplifiée par l'emploi de la pince de Wendel, de la pince de Friedrich et de l'évipan. Mém. Acad. chir., Par., 1938, 64: 351-6.—**Cadenat, F. M.** Clamp-rotor pour gastrectomie. Ibid., 319.—**Charrier, J.** A propos de la gastrectomie simplifiée par ligature seule du duodénum et l'utilisation de l'appareil de von Petz sur l'estomac. Ibid., 1937, 63: 1371-4.—**Corachán, M., & Armangué, M.** El drenaje Mikulicz en la gastrectomía; estudio bacteriológico. Arch. med., Madr., 1929, 31: 469-77. Also Bull. Soc. nat. chir., Par., 1929, 55: 1159-61. Also Rapp. Congr. Soc. internat. chir., 1929-30, 8. Congr., 2: 204-40, pl.—**Ferey, D.** La gastrectomie simplifiée par la ligature seule du duodénum et l'utilisation de l'appareil de Neuffer-Ulrich, modifié par Friedrich, sur l'estomac. Mém. Acad. chir., Par., 1937, 63: 1335-62. Also Bull. méd., Par., 1938, 52: 195-7.—**Finsterer, H.** Zur Frage der Drainage der Bauchhöhle nach Magenresektionen. Wien. med. Wschr., 1926, 76: 599-601. — A propos de l'occlusion duodénale dans la résection de l'estomac et l'usage de l'appareil sutureur de Petz. Mém. Acad. chir., Par., 1938, 64: 421-7.—**Hortolomei.** Le drainage systématique après les gastro-pylorotomies larges. Bull. Soc. nat. chir., Par., 1929, 55: 619-24.—**McClure, R. D.** A clamp for closure of the duodenal stump in gastric resections; a modification of the Furniss clamp. Ann. Surg., 1939, 109: 1034.—**Mushkatina, V. I.** [Technique of sutures of stomach and duodenum in excision of the stomach] Vest. khir., 1933, 29: 37-40, 4 pl. Also Arch. klin. Chir., 1933, 175: 709-16.—**Osawa, T.** Ueber eine Methode zum Verschliessen des Magenstumpfes bei Magenresektion. Verh. Jap. chir. Ges., 1929, 30: 31-3.—**Ospovsky, V. M.** [New, jointed removable clamps for resection of the stomach] Nov. khir. arkh., 1938, 41: 110-3.—**Pauchet, V.** Faut-il drainer l'abdomen après les résections gastriques? Bull. Soc. chir. Paris, 1931, 23: 231-6. Also Clinique, Par., 1932, 27: 5.—**Rieder, W.** Eine neue Magenklammer zur Resektion cardianaher Ulcera. Zbl. Chir., 1932, 59: 2095.—**Schürch, O.** Entstehen Spätschäden bei Verwendung des Petz'schen Nähapparates bei Magenresektionen? Ibid., 1935, 62: 2660-2.—**Sebek, A.** [Technique of suture of the mucosa following excision of the stomach] Bratisl. lek. listy, 1937, 17: 615.—**Solé.** Instrumentos para gastrectomia. Bol. Soc. cir. B. Aires, 1924, 8: 867-71.—**Tomoda, M.** Eine neue Modifikation der Magenresektionstechnik mit eigenem Magen-Darmnähapparat. Zbl. Chir., 1937, 64: 1584-90.

Method.

COTTIN, P. *Technique de gastrectomie. 39p. 8° Par., 1936.

LOUKA, M. *Indications et techniques de la gastrectomie [Paris] 46p. 8° Reims, 1932.

LUCE, L. *Contribution à l'étude des gastrectomies selon les directives des Delagénère. 36p. 24cm. Par., 1939.

MASSON, P. E. *Gastrectomie par hémisection. 118p. 3 pl. 8° Par., 1934.

Achmatowicz, L. [On the selection of abdominal incision in excision of the stomach and duodenum] Polska gaz. lek., 1939, 18: 230.—**Alessandri, R.** Technique of gastric resection for gastroduodenal ulcer. Surg. Gyn. Obst., 1939, 69: 765-9.—**Ambrumians, G. N.** [The author's technique in resection of the stomach] Sovet. khir., 1934, 7: 622-5.—**Barbier.** Perforation d'ulcère de l'estomac traitée par la méthode de Balfour et gastro complémentaire. Lyon chir., 1925, 22: 864-86.—**Best, R. R.** The technique and advantages of working with the open duodenum in stomach resection for peptic ulcer. Am. J. Surg., 1931, n. ser., 13: 487-9.—**Borchers, E.** Erfolgreiche Resektion der oberen Magenhälfte. Münch. med. Wschr., 1927, 74: 1454-6.—**—** Die Resektion der oberen Magenhälfte. Arch. klin. Chir., 1928, 152: 184-8 [Discussion] 189-91. Also Beitr. klin. Chir., 1928, 143: 484-538.—**Bowman, F. H.** A technic for subtotal gastrectomy. Mil. Surgeon, 1934, 75: 150-5. Also repr.—**Braine.** A propos de la technique des gastrectomies. Mém. Acad. chir., Par., 1938, 64: 1209-11.—**Braine, J.** La gastro-pylorotomie en 2 temps, méthode de sécurité dans les mauvais cas: sténoses pyloriques chez les affaiblis, lésions gastriques adhérentes. Gaz. méd., 1927, 554-43.—**Brodersen, N. H.** Is Moynihan's II method of stomach resection a good method? an attempt at critical valuation. Acta chir. scand., 1931, 68: 67-81, 15 pl.—**Brüning, F.** Ueber die Transplantation der Papilla Vateri bei ausgedehnten Magen-Duodenum-Resektionen. Chirurg. 1928-29, 1: 81-3.—**Burci, E.** Un caso di resezione contemporanea dello stomaco e dell'ala sinistra del fegato. Atti. Accad. med. fis. fiorent (1909) 1910, 40.—**Butler D'Ormond, R. de.** La gastrectomie subtotale. Paris méd., 1926, 61: 83-5.—**Cadenat, F. M.** Quelques points de détail sur la gastrectomie. Hôpital, 1936, 24: 208-10.—**Calzolari, T.** Escissioni e resezioni gastriche. Clin. chir., Milano, 1935, 38: 115-64.—**Cavina, G.** Intorno alla tecnica della resezione gastrica. Arch. Soc. ital. chir., 1934, 40: 427.—**Cazzamali, P., & Pecco, R.** La tecnica della resezione duodeno-

- gastrica per ulcera secondo Donati. Arch. ital. chir., 1938, 51: 253-78.—**Charrier, J.** A propos des gastrectomies complexes pour ulcères gastro-duodénaux. Bull. Soc. nat. chir., Par., 1935, 61: 424.—**Chaton, M.** Note sur un procédé d'excision des ulcères gastriques (procédé du cône muqueux) Ibid., 1927, 53: 857-9.—**Choldin, S. A.** Aseptische elektrophysikalische Resektion des Magens. Zbl. Chir., 1937, 64: 2360-77.—**Christman, F. E.** Técnica da la gastrectomia Reichel-Pólya en la úlcera gastroduodenal. An. Fac. cienc. méd., La Plata, 1937, 1: 239-60.—**Clavel, C.** Variétés techniques de la gastrectomie et leurs indications. Rev. méd., Par., 1936, 55: 287-93.—**Closs, J. O.** Partial gastrectomy and lateral duodenostomy. N. Zealand M. J., 1911-12, 9: 24-7, pl.—**Copello, O.** Los métodos de resección gástrica en boga; sus verdaderos nombres. Sem. méd., B. Air., 1929, 36: pt 2, 1245.—**De Courcy, J. L.** Gastric resection; a plea for the two-stage operation. Am. J. Surg., 1939, 44: 422-5.—**De Fermo, C.** Sulla tecnica della resezione gastro-duodenale. Arch. ital. chir., 1933, 35: 538-60. — La tecnica della resezione gastrica secondo Donati. Ibid., 1938, 51: 546-64.—**Delore, Tixier** [et al.] A propos de la gastrectomie en 2 temps. Lyon chir., 1920, 16: 134.—**Demel, R.** Die technische Durchführung der Magenresektion an der Klinik Eiselsberg. Arch. klin. Chir., 1932, 172: 1-28.—**Didier, R., & Bompard, H.** Technique de gastrectomie large en 2 temps dans l'ulcère haut situé de la petite courbure. P. verb. Congr. fr. chir., 1937, 46: 630.—**Donovan, R. E.** Consideraciones técnicas de la gastrectomia de Verebely con la modificación de Del Valle. Rev. méd. lat. amer., B. Air., 1928-29, 14: 1044-78, 18 pl.—**Dupuy de Frenelle, L.** La technique de la gastrectomie. Bull. Soc. chir. Paris, 1931, 23: 240-3.—**Duval, P.** Quelques vérités historiques à propos des techniques de gastrectomies. J. chir., Par., 1937, 49: 817-20.—**Egidl, G.** La resezione dello stomaco per via superiore. Arch. Soc. ital. chir., 1930, 36: 884-93. Also Policlinico, 1930, 37: sez. prat., 180-2.—**Erdmann, J. F.** Gastrectomy; cholecystectomy; choledochostomy. Tr. N. York Surg. Soc., 1912, 1: 342.—**Filipescu, O.** [Excision of the stomach by the methods of Pean, Haberer & Babcock-Goepe] Cluj. med., 1929, 10: 594-7.—**Finsterer, H.** Zur Technik der Magenresektion. Zbl. Chir., 1938, 65: 453-61.—**Friedman, M. T.** [Methods in resection of the stomach] Nov. khir. arkh., 1939, 45: 127-9.—**Glatzel, J.** Zur Technik der Resektion beim Magenulcus. Zbl. Chir., 1936, 63: 1892-5.—**Goloborodko, P. I.** [Nomenclature of the methods of resection of the stomach] Vrach. delo, 1939, 21: 221-6.—**Gouilloud, J.** Discussion à propos de la communication de MM. Santy, Mallet-Guy et Soustelle. Lyon chir., 1936, 33: 605.—**Gross, G.** Gastrectomie subtotale. Rev. méd. est., 1912, 44: 448-52.—**Grove, H., Grove, E.** [et al.] Tres casos de gastrectomia subtotal. Bol. Soc. cir. Chile, 1926, 4: 81-7.—**Gutiérrez, A.** Consideraciones sobre la técnica de la piloro-gastrectomía. Rev. cir., B. Air., 1928, 7: 16-28.—**Hemmingsen, J. P.** Sobre un caso de gastrectomia, piloroctomia. Sem. méd., B. Air., 1921, 28: 341.—**Hilarovich, H.** [Rydygier and Billroth methods in excision of the stomach] Polska gaz. lek., 1930, 9: 97-9.—**Horsley, J. S.** Partial gastrectomy. J. Am. M. Ass., 1927, 89: 1652-60. Also Surg. Gyn. Obst., 1927, 44: 215-20.—**Jordan, S. M.** Note on stomach resection. Surg. Clin. N. America, 1928, 8: 83-5.—**Kholdin, S. A.** [Aseptic electrocaustic excision of the stomach] Khirurgia, Moskva, 1937, No. 8, 28-38.—**Kirschner, R.** Meine Technik der Resektion beim chronischen Magen-Duodenalgeschwür; Vorbemerkungen und Technik der gewöhnlichen Resektion. Chirurg, 1932, 4: 372-86.—**Konjetzny, G. E.** Durchschneidung des Ductus choledochus und Neueinpfanzung desselben bei ausgedehnter Magen-Duodenumresektion. Zbl. Chir., 1929, 56: 4-7.—**Lahey, F. H.** Technical difficulties with gastric resection. Surg. Clin. N. America, 1937, 17: 693-703.—**Marshall, S. F.** Technique of subtotal gastrectomy for ulcer. Surg. Gyn. Obst., 1939, 69: 498-507. Also repr.—**Landívar, R.** Gastrectomia Cuneo-Pólya. Sem. méd., B. Air., 1918, 25: 408.—**Larson, E. E.** Partial gastric resection. California West. M., 1932, 37: 155-60.—**Lastra, J. S.** Sobre algunos puntos importantes en relación con la gastrectomía. Vida nueva, Habana, 1927, 20: 59-67, 2 pl.—**Le Gac, P.** Technique de la gastrectomie; la succession des différents temps; quelques détails. Rev. chir., Par., 1932, 70: 435-60.—**Leriche, R.** De l'isolement systématique de l'artère du colon transverse, à partir de son origine sur la mésentérique, au début des gastrectomies pour cancer adhérent au mésocolon. J. méd. chir., Par., 1930, 101: 777-9.—**Lewisohn, R.** Factors of safety in resection of the stomach for gastroduodenal ulcers. Ann. Surg., 1929, 90: 69-72.—**Lewit, W. S.** Ueber die Resektion des oberen Magenteiles. Zbl. Chir., 1928, 55: 2310-4.—**Luquet, G.** Quelques points de technique à propos de la gastrectomie. Techn. chir., Par., 1937, 29: 117-41.—**McClure, R. D., & Fallis, L. S.** Partial gastrectomy; a consideration of certain technical problems. Ann. Surg., 1940, 111: 743-58.—**Maingot, R.** The technique of the operation of gastrectomy by the Moynihan II method. S. Barth. Hosp. J., Lond., 1925-26, 33: 166-8.—**Marangos, G.** Zur Technik der Magenresektion; die Versorgung des Mesocolonschlitzes. Chirurg, 1936, 8: 576-8.—**Marshall, S. F.** The technic of subtotal gastrectomy. Surg. Clin. N. America, 1939, 19: 607-27.—**Martel, T. de.** A propos de la technique de la gastrectomie. Bull. chir. Paris, 1920, 46: 1438-42.—**Mátyás, M.** Ein neues Gastrektomie-Verfahren. Arch. klin. Chir., 1937, 188: 426-31.—**Mayer, L.** De la résection de l'estomac pour ulcère gastrique et duodénal. Rapp. Congr. Soc. internat. chir., 1929-30, 8. Congr., 2: 275.—**Meherin, J. M.** Partial gastrectomy in the hands of the general surgeon. Am. J. Surg., 1931, n. ser., 12: 260-5.—**Mesa, C.** Gastrectomía; oclusión alta por desprendimiento de la sutura gastro-mesocólica. Arch. argent. enferm. ap. digest., 1939-40, 15: 359-66.—**Meyer, K. A.** Technique of gastrectomy. Surg. Gyn. Obst., 1936, 62: 611-5, pl.—**Michalowski, E.** [Partial excision of the cardiac portion of the stomach and its application in treatment of gastric ulcer] Polska gaz. lek., 1933, 12: 422.—**Mieshtshaninov, A. I.** [Resection of the stomach in 2 stages] Tr. Kiev. khirurg. obsh. (1910-11) 1913, 385-92.—**Montoya y Flórez, J. B.** La gastrectomía de Moynihan. An. Acad. med. Mondellin, 1932-33, 2: 645-51.—**Moriconi, L. M.** Escisión transgástrica dell'ulcera gastrica. Riforma med., 1927, 43: 677-81.—**Moynihan, G.** Gastrectomy. Brit. M. J., 1935, 1: 1049.—**Neuber, E.** Technique of gastric resection. Surg. Gyn. Obst., 1927, 45: 204-8.—**Nicola, C. P. de.** Técnica de la gastrectomía para úlcera de estómago. Rev. As. méd. argent., 1939, 53: 828-30.—**Novitzky, S. T.** [Obligatory gastrogastrotomy in resection of the stomach for ulcer] Vest. khir., 1930, 21: 195-8.—**Oderfeld, J.** [Excision of the stomach by the Pólya-Wilms method] Przegl. chir., 1912, 6: 346-50.—**Ogilvie, W. H.** Some points in the operation of gastrectomy. Brit. M. J., 1935, 1: 457-62.—**Okinczyk, J.** Les résections gastro-duodénales et particulièrement les résections en 2 temps dans les ulcères gastro-duodénaux. Rapp. Congr. Soc. internat. chir., 1929-30, 8. Congr., 2: 187-92. — A propos de la communication de M. Moure sur les gastrectomies. Mém. Acad. chir., Par., 1937, 63: 1309-12.—**Pannett, C. A.** The technique of gastroduodenectomy. Surg. Gyn. Obst., 1938, 67: 495-9.—**Parzani, C.** Ricerche sperimentali sulla resezione della piccola curva dello stomaco. Arch. ital. chir., 1931-32, 29: 417-36.—**Pauchet, V.** Chirurgie gastrique; résultats du Balfour. J. méd. Paris, 1924, 43: 731. — Sur la technique de la gastrectomie. Bull. Soc. chir. Paris, 1931, 23: 243-8. — Quelques détails techniques sur les résections d'ulcères géants de l'estomac. J. méd. Paris, 1931, 51: 883-94.—**Luquet, G.** Quelques détails techniques sur les résections d'ulcères géants de l'estomac. In Prat. chir. illustr. (Pauchet, V.) 3. ed., Par., 1936, 20: 121-51.—**Peugniez, J.** Sur la technique de la gastrectomie. Bull. Soc. chir. Paris, 1931, 23: 287.—**Philippides, D.** Die schlauchförmige Resektion in der Behandlung des kardianen Geschwürs. Chirurg, 1936, 8: 687-94.—**Pizzagalli, L.** Sulla tecnica della resezione gastroduodenale. Boll. spec. med. chir., Milano, 1929, 3: 313-53.—**Pienk, A.** Ueber die Resektion des Ulcusmagens bei infrapapillärer Duodenalstenose. Arch. klin. Chir., 1932, 170: 427-30.—**Presno, J. A.** Sobre la técnica de la resección gástrica en la úlcera gastro-duodenal. An. Acad. cienc. méd. Habana, 1937, 74: 165-83. Also Rev. med. cir. Habana, 1937, 42: 553-69.—**Proust, R.** Gastrectomie avec résection étendue de tissu pancréatique et d'une partie de la 1^{re} portion du duodénum. Bull. Soc. nat. chir., Par., 1933, 59: 830.—**Querneau & Denis, R.** A propos des gastrectomies, étude de 49 cas; réflexions à propos des gastrectomies pour ulcère. Mém. Acad. chir., Par., 1938, 64: 380-4.—**Reichel, P.** Zur Technik der Magenresektion. Zbl. Chir., 1938, 65: 1330-2.—**Richard, A.** La gastrectomie. Rapp. Congr. Soc. internat. chir., 1929-30, 8. Congr., 2: 274.—**Richardson, S. W. F.** Partial gastrectomy. S. Afr. M. Rec., 1913, 11: 344-7.—**Richter, H. M.** Gastric resection for peptic ulcer: technique. Surg. Gyn. Obst., 1934, 59: 337-43.—**Rossi, B.** La tecnica della resezione gastrica. Clin. chir., Milano, 1927, 30: 1: 1929, 32: 3.—**Santy, P.** Technique de Pólya dans les gastrectomies pour estomac biloculaire par ulcère. Lyon chir., 1935, 32: 119-24.—**Schiassi, B.** La tecnica di elezione nella gastrectomia. Arch. ital. chir., 1932, 32: 186-235.—**Schoemaker, J.** Over de techniek van uitgebreide maagresecties. Ned. tschr. geneesk., 1911, 1: 1945-8.—**Sebek, A.** [Prolapse of the mucous of the stomach as cause of obstruction; excision of the stomach by Kroenlein's method] Bratisl. lek. listy, 1937, 17: 605-15.—**Sharavtova, O. F.** [Method of operation and post-operative care of animals following resection of the gastric fundus and body] J. Physiol. USSR, 1939, 26: 303.—**Shatara, F. I.** Partial gastrectomy; with report of a case. Long Island M. J., 1926, 20: 448-51.—**Smirnov, E. V.** [Technique of excision of the stomach] Khirurgia, Moskva, 1937, No. 8, 39-45.—**Soresi, A. L.** La gastrectomie physiologique. P. verb. Congr. fr. chir., 1929, 38: 876-9.—**Stewart, F. T.** A method of subtotal gastrectomy. Tr. Am. Surg. Ass., 1914, 32: 157-70.—**Tierny, A.** Résections gastriques en 2 temps. Gaz. hôp., 1928, 101: 853.—**Tomoda, M.** Nachmals zur Technik der Magenresektion. Zbl. Chir., 1939, 66: 1635-40.—**Udin, S. S.** [Technique of subtotal gastrectomy] Sovet. khir., 1934, 6: 587-94.—**Valle (Delfor) del, hijo.** Movilización y amputación supravateriana submuscular del duodeno en la pilorogastrectomía. Bol. Soc. cir. B. Aires, 1928, 12: 680-9.—**Viannay, C.** A propos de 2 cas de gastrectomie pour cancer; quelques récents progrès de la technique de la gastrectomie. Loire méd., 1926, 40: 131-42.—**Voznessensky, V. P.** [Method of excision in ulcer and cancer of the small curvature of the stomach] Vest. khir., 1928, 14: 13-38.—**Walters, W., & Hartman, H. R.** Secondary subtotal gastrectomy: report of cases. Proc. Mayo Clin., 1936, 11: 33-7.—**Wight, T. S.** Subtotal gastrectomy. Long Island M. J., 1911, 5: 418.—**Wilms, R.** Resektionsmethoden des Magens. Deut. med. Wschr., 1918, 44: 279.—**Wosnessensky, W. P.** Zur Methodik der Resektion källöser Geschwüre an der Curvatura minor des Magens (Herabziehungsmethode ohne Magenklappen) Zbl. Chir., 1928, 55: 2061-8.—**Yakovlevitch, V.** Traitement opératoire des lésions simultanées du cholédocol et du canal pancréatique au cours d'une gastrectomie; implantation jéjunale des 2 canaux. J. chir., Par., 1938, 51: 384-7.

Method: Annular excision.

Barber, W. H. Annular gastrectomy; further observations on the cause of its failure. *Ann. Surg.*, 1933, 98: 161-7.—**Bull, P.** [Two cases of circular resection (cross or transverse resection) of the stomach.] *Kristiania Kirurg. for. forh.*, 1915, 99-103.—**Clairmont, P.** Fernresultate nach Quertrennung des Magens. *Verh. Deut. Ges. Chir.*, 1914, 43: 1. Teil, 270.—**Copello, O.** La resección transversa en la úlcera del estómago. *Rev. Soc. méd. argent.*, 1914, 22: 1110-8.—**Roholm, K.** [Value of circular resection in chronic ulcer of the stomach and duodenum] *Ugeskr. laeger*, 1933, 95: 573-90. Also *Acta chir. scand.*, 1933-34, 73: 433-84.—**Walzel, P.** Ueber eine hochgradige Magenstenose nach querer Magenresektion. *Deut. Zschr. Chir.*, 1926, 196: 228-32.

Method: Billroth I.

See also **Gastroduodenostomy; Pylorus, Surgery.** For Billroth II see **Gastroenterostomy.**

Badile, P. L. La resección alla Billroth I ha dato i migliori risultati lontani nella cura per ulcere gastro-duodenali. *Arch. ital. chir.*, 1938, 48: 856. — La resección alla Billroth I ha dato i migliori risultati lontani nella cura per ulcere gastro-duodenali; osservazioni su 260 operati. *Arch. Soc. ital. chir.* (1937) 1938, 44: 719-24.—**Bal, V. M.** [Technique of suture in excision of the stomach by Billroth I-Haberer's method and the microscopic picture of the anastomosis] *Vest. khir.*, 1937, 51: 43-54.—**Barden, R. P., Ravdin, I. S., & Frazier, W. D.** Hypoproteinemia as a factor in the retardation of gastric emptying after operations of the Billroth I or II types. *Am. J. Roentg.*, 1937, 38: 196-202.—**Beltz, A.** [Gastric and duodenal ulcers treated with resection (Billroth's method)] *Vrchn. delo*, 1928, 11: 943-7.—**Best, R. R.** Von Haberer's technic for radical stomach resection following previous gastroenterostomy. *Ann. Surg.*, 1931, 94: 235-41.—**Börger, H.** Ein Fall von Ulcus-recidiv nach Billroth I (Kocher) *Zbl. Chir.*, 1926, 53: 1499.—**Bohmansson, G.** On the technique of partial gastrectomy (Billroth I) *Acta chir. scand.*, 1934, 75: 221-41, 8 pl.—**Buytendrop, A. A.** End-results after Billroth I resection of the stomach as modified by Dr. J. Schoemaker. *Surg. Gyn. Obst.*, 1929, 49: 843-6.—**Cattell, R. B., & Colcock, B. P.** The place of the Billroth I operation in subtotal gastrectomy. *Surg. Clin. N. America*, 1937, 17: 667-85.—**Cavina, G.** Tecnica della resección gastrica alla Billroth I secondo V. Haberer. *Clin. chir.*, Milano, 1934, n. ser., 10: 1070-100. Also *Arch. ital. chir.*, 1935, 39: 808-10.—**Ceballos, A.** Técnica de la gastrectomía Billroth I en la resección por úlcera gastroduodenal. *Rev. cir. B. Air.*, 1933, 12: 241-57. — & **Gómez, O.** Resultados obtenidos en el tratamiento de las úlceras gástricas y duodenales por medio de la gastrectomía, según el método de Billroth I. *Bol. Soc. cir. B. Aires*, 1929, 13: 991-1032. Also *Dia méd.*, B. Air., 1929-36, 2: 649.—**Clairmont, P.** Die Rückkehr zum Billroth I bei den sekundären Magenoperationen. *Schweiz. med. Wschr.*, 1938, 68: 461-3.—**Eiselsberg, A.** Zur Benennung der Magenresektion. *Wien. med. Wschr.*, 1929, 79: 516-20.—**Elter, H.** Technisches zur Magenresektion nach Billroth I. *Zbl. Chir.*, 1935, 62: 1460.—**Fasano, M.** Risultati della cura chirurgica dell'ulcera gastroduodenale con la tecnica dell'Haberer. *Arch. Soc. ital. chir.* (1937) 1938, 44: 688-90.—**Finochietto, E.** The Péan-Billroth I operation. In *Post-grad. Surg.* (Maine, R.) N. Y., 1936, 1: 526.—**Friedbacher, K.** The Billroth I resection of the stomach. *Surg. Gyn. Obst.*, 1930, 51: 378-80.—**Gartenmeister, R.** Magenplastik für Billroth I. *Arch. klin. Chir.*, 1926, 141: 765-7.—**Haberer, H. von.** Meine Technik der Magenresektion. *Münch. med. Wschr.*, 1933, 80: 915-21.—**Held, A.** Der Billroth I nach von Haberer's Technik im Röntgenbild. *Fortsch. Röntgenstrahl.*, 1933, 47: 77-82.—**Hilarowicz, H.** Zur Frage der Misserfolge der Magenresektion nach Rydygier-Billroth I. *Zbl. Chir.*, 1930, 57: 715-8.—**Jonsson, S. O.** Spätsresultate von Billroth I. *Acta chir. scand.*, 1936, 78: 362-77.—**Mirizzi, P. L.** Reducción de la boca gástrica en el Billroth No. 1. *Bol. Soc. cir. B. Aires*, 1938, 22: 588-92. — Die Verkleinerung des Magenumens beim Billroth I. *Zbl. Chir.*, 1938, 65: 2865-8. — & **Aguirre, C.** Reducción de la boca gástrica en el Billroth No. 1; informe radiológico y experimental. *Bol. Soc. cir. B. Aires*, 1938, 22: 732-5.—**Morley, J. A.** A modified Shoemaker gastrectomy for chronic gastric ulcer. *Surg. Gyn. Obst.*, 1939, 68: 197-200.—**Neller, K.** Spätergebnisse der grossen Pylorus-Antrumresektion nach Billroth I und II wegen Ulcus ventriculi oder duodeni. *Deut. Zschr. Chir.*, 1930, 222: 165-88.—**Noetzel, W.** Zur Technik der Billroth I-Operation. *Ibid.*, 1927, 205: 391-8.—**Oliani.** Modificazioni alla resección gastrica secondo Billroth I. *Riforma med.*, 1925, 41: 1145.—**Orator, V.** The Billroth I resection of the stomach. *Surg. Gyn. Obst.*, 1928, 47: 368-74.—**Petersson, G.** Ein Beitrag zur Technik und zum Resultat der Methode Billroth I. *Acta chir. scand.*, 1936, 78: 335-61.—**Sachs, G.** Zur Technik der Magenresektion (Billroth I) nach Hans von Haberer und zur Röntgenuntersuchung des derart operierten Magens. *Zbl. Chir.*, 1934, 61: 85-7.—**Schmid, W.** Zur Technik der hinteren seromuskulären Naht bei Magenresektion nach Billroth I. *Ibid.*, 1913-5.—**Starlinger, F.** Zur Kasuistik der Geschwürsrezidive nach Billroth's erster Methode. *Ibid.*, 1927, 54: 3011-5. — Weitere Geschwürsrezidive im Gefolge ausgedehnter Magenresektionen, nebst Bemerkungen zur Wahl der Nachoperation bei vorausgegangener Resektion nach Billroth'scher Methode. *Wien. klin. Wschr.*, 1929, 42: 905-7.—**Steinberg, M. E.** Surgical treatment of peptic ulcerations (Billroth I method) *Am. J. Surg.*, 1935, 30: 490-8.

— A modified method of the Billroth I stomach resection. *West. J. Surg.*, 1936, 44: 222-4.—**Valdés, U.** Ventajas e inconvenientes de la operación de Billroth I. *An. Sanat. Valdés, Méx.*, 1925, 1: 65-86.—**Walters, W.** Billroth I (Haberer) operation for bleeding duodenal and gastric ulcer. *Proc. Mayo Clin.*, 1933, 8: 591-3.—**Winkelbauer, A.** Erfahrungen mit der infrapapillären terminolateralen Methode nach Billroth I. *Arch. klin. Chir.*, 1930, 160: 439-48.—**Wortmann, H.** Beitrag zur Differentialdiagnostik von Querresektion und Resektion nach Billroth I. *Röntgenpraxis*, 1938, 10: 119.

Method: Duodenal stump closure.

Bégouin & Dubourg, G. Fermeture du bout duodénal par simple ligature après écrasement sans enfouissement dans les gastrectomies. *Mém. Acad. chir., Par.*, 1938, 64: 10.—**Clute, H. M.** Duodenal stump closure in gastric resections with a modified Furniss clamp. *N. England J. M.*, 1936, 214: 724.—**Cucco, G., & Virando, A.** Sulla semplice legatura del moncone duodenale nella gastrectomia; ricerche sperimentali. *Arch. ital. chir.*, 1939, 57: 377-91.—**Delore, X.** A propos de la fermeture du duodénum après gastropylorotomie. *Ibid.*, 1938, 51: 620-2. — & **Braine, J.** Sur un mode de fermeture du moignon duodénal dans les gastro-pylorotomies. *Mém. Acad. chir., Par.*, 1937, 63: 1369-71.—**Demián, A.** [Implantation of the duodenal stump after partial excision of stomach by Jacobovici's method] *Cluj. med.*, 1929, 10: 659-61.—**Forgue, L.** La fermeture du bout duodénal dans la gastrectomie. *Rev. chir., Par.*, 1932, 70: 564.—**Gutiérrez, A.** El cierre del duodeno en las gastrectomías. *Rev. cir., B. Air.*, 1938, 17: 205-7.—**Iacobovici, I.** La fermeture du moignon duodénal dans la gastrectomie. *Bull. Acad. méd. Roumanie*, 1936, 1: 103-17.—**Koch, E.** Zur Technik des Duodenalverschlusses nach Magenresektionen. *Zbl. Chir.*, 1935, 62: 2951-5.—**Krogius, A.** Zur Behandlung des Duodenalstumpes nach der Pylorusresektion. *Ibid.*, 1911, 38: 1564.—**Kunika, S.** Statistische Mitteilung über die Resultate des Wilmsschen Verfahrens zur Stumpfversorgung bei Magenresektion. *Deut. Zschr. Chir.*, 1912, 118: 483-505.—**Leriche, R.** A propos de la fermeture du duodénum dans la gastrectomie. *Mém. Acad. chir., Par.*, 1938, 64: 5-9.—**Levit, V. S.** [Closure of the duodenal stump after extensive resection of the stomach] *Russ. vrach.*, 1912, 11: 695.—**Martel, T. de.** Enfouissement du moignon duodénal dans la gastrectomie. In *Prat. chir. illust.* (Pauchet, V.) 3. ed., *Par.*, 1938, 22: 105-8.—**Pariset, P.** Contributo clinico alla insulino-terapia della diatesi del moncone duodenale dopo resezione gastrica. *Arch. ital. chir.*, 1938, 53: 442-55.—**Reichel, R.** Zur Stumpfversorgung nach Magenresektion. *Zbl. Chir.*, 1911, 38: 1401.—**Tagliavacche, N.** Nuevo procedimiento de peritonización del muñón duodenal en las pilorogastrectomías; peritoneo-duodeno-plastia. *Sem. méd., B. Air.*, 1918, 25: 596.—**Wilms, R.** Zur Stumpfversorgung nach Magenresektion. *Zbl. Chir.*, 1911, 38: 1087.

Method: Fundus resection.

Connell, F. G. Fundusectomy; a new principle in the treatment of gastric or duodenal ulcer. *Surg. Gyn. Obst.*, 1929, 49: 696-701. — Fundusectomy; experimental. *Ibid.*, 1931, 53: 750-2. — Resection of the fundus of the stomach for peptic ulcer. *Ann. Surg.*, 1932, 96: 200-3. — Partial gastric fundusectomy in treatment of peptic ulcer. *Surg. Gyn. Obst.*, 1934, 59: 786-8.—**Fauley, G. B., & Ivy, A. C.** Fundusectomy prevents post-operative jejunal ulcer. *Proc. Soc. Exp. Biol.*, N. Y., 1936, 34: 152-4.—**Seely, H., & Zollinger, R.** Fundusectomy in the treatment of peptic ulcer. *Surg. Gyn. Obst.*, 1935, 61: 155-61. Also repr.—**Zilocchi, E., & Calvi, P. G.** L'influenza della resección del fondo gastrico sull'ulcera peptica sperimentale. *Arch. sc. med., Tor.*, 1939, 68: 211-44.

Method, palliative.

FABER, E. *Die Resektion zur Ausschaltung nach Finsterer [Königsberg] 37p. 8°. Würzb., 1935.

GIBERT, T. *Contribution à la technique de la gastrectomie dans les ulcus haut situés de la petite courbure. 80p. 8°. Par., 1937.

GUIHENEUC, B. O. *De l'exclusion haute de l'estomac. 76p. 8°. Par., 1932.

Bürkle-de la Camp, H. Beitrag zur Resektion zur Ausschaltung. *Deut. Zschr. Chir.*, 1933, 240: 456-8.—**Cavina, G.** Tecnica ed indicazioni della resección escludente secondo Finsterer. *Arch. ital. mal. app. diger.*, 1936, 5: 280-95.—**Ceballos, A.** La resección del antro pilórico del estómago en el tratamiento quirúrgico de la úlcera grave del duodeno, no reseable. *Sem. méd., B. Air.*, 1929, 36: pt 2, 1419-23.—**Colp, R.** Palliative partial gastrectomy for cardiac gastric ulcers. *J. Mount Sinai Hosp. N. York*, 1939-40, 6: 245-8.—**De Nicola, C.** Exclusion resección fisiológica de Meulengracht; reglamentación de la técnica. *Bol. Acad. argent. cir.*, 1940, 24: 475-87.—**Devine, H. B.** Gastric exclusion. *Surg. Gyn. Obst.*, 1928, 47: 239-43.—**Drüner, L.** Ueber die Exstirpation der Schleimhaut des peripheren Magenstumpfes bei unausführbarem Billroth II. *Zbl. Chir.*, 1931, 58: 1510. — Ueber die Exstirpation der Schleimhaut des aboralen Magenstumpfes bei unausführbarer Resektion. *Chirurg*, 1933, 5:

- 65.—Duval, J. Technique du Professeur Hans Finsterer de Vienne. *Techn. chir., Par.*, 1934, 26: 41–60.—Ferrari, R. C. Técnica de la resección gástrica a lo Hoffmeister-Finsterer con la pinza de agrafes de von Petz. *Bol. Inst. clin. quir., B. Air.*, 1937, 13: 26–36.—Finsterer, H. Technique de la gastrectomie. *Bull. Soc. chir. Paris*, 1932, 24: 100–17.—Fischer, A. Zur Ausführung der Resektion zur Ausschaltung. *Zbl. Chir.*, 1933, 60: 1072–4.—Flörcken, H. Erfahrungen mit der palliativen Resektion beim nicht resezierbaren Ulcus duodeni und ventriculi. *Ibid.*, 1926, 53: 2772.— & Geisthövel, W. Ueber die palliative Resektion beim Ulcus duodeni und ventriculi. *Münch. med. Wschr.*, 1939, 86: 1748–51.—Friberg, S. End results in gastric surgery with special reference to resection for exclusion. *Acta chir. scand.*, 1936, 78: 157–81.—Gridnev, A. P. [Evaluation of excision of the stomach for exclusion] *Vest. khir.*, 1938, 56: 203–8.—Gütig, K. Zur Versorgung des aboralen Stumpfes bei der palliativen Magenresektion. *Chirurg.*, 1933, 5: 547–9.—Haberer, H. von. Sachliche Berichtigung zu vorstehenden Bemerkungen Finsterer's über Magenresektion] *Arch. klin. Chir.*, 1915, 107: 189–94; 1916, 107: 189–94, pl. — Zu dem Aufsatz von H. Finsterer: Ausgedehnte Magenresektion bei Ulcus duodeni usw. *Zbl. Chir.*, 1918, 45: 680–3.—Treppenförmige Resektion bei Ulcus cardiae. *Ibid.*, 1936, 63: 1613.—Hilarowicz, H. Zur Frage der Heilwirkung der palliativen Antrumresektion bei pylorusferem Ulcus. *Ibid.*, 1930, 57: 2436–40.—Hoche, O., & Marangos, G. Zur chirurgischen Therapie des Magen- und Zwölffingerdarmgeschwürs, mit besonderer Berücksichtigung der Resektion zur Ausschaltung. *Ibid.*, 1932, 59: 998–1003.—Kaspar, M. Früh- und Spätergebnisse bei der palliativen Magenresektion wegen Ulcus duodeni und ventriculi. *Beitr. klin. Chir.*, 1930, 151: 160–70.—Katzuya, H., & Yamada, M. Ueber die Resektion zur Ausschaltung bei nicht resezierbarem Ulcus ventriculi et duodeni. *Jap. J. M. Sc.*, 1934–36, 4: Surg., 265.—Kelling, G. Ueber die palliative Pylorus-Antrumresektion. *Beitr. klin. Chir.*, 1930–31, 151: 638–41.—Kirschner. Meine Technik der Resektion beim chronischen Magen-Duodenalgeschwür; Technik der Treppen- oder Schlauch- und der Palliativresektion. *Chirurg.*, 1932, 4: 417–21.—Koch, K. [Instructions for resection of the cardia and abdominal oesophagus] *Bratisl. lek. listy*, 1927–28, 7: 268–75.—Leriche, R. De l'antrectomie totale pour réduction de l'acidité gastrique. *Gaz. méd. France*, 1935, 42: 741.—De la gastrectomie pour réduction de l'acidité dans les ulcères inévitables de l'estomac et du duodénum. *Lyon chir.*, 1935, 32: 617–20.—Luquet, G. Résection en gouttière pour ulcère gastrique haut situé (section en 2 temps de l'estomac). In *Prat. chir. illustr.* (Pauchet, V.) 3. ed., *Par.*, 1937, 21: 41–59.—Madlener, M. Die palliative Resektion bei der Magen- und Zwölffingerdarmkrankheit. *Zbl. Chir.*, 1927, 54: 450–4.—Ergebnisse der palliativen Resektion beim pylorusferen Magen- und Zwölffingerdarmgeschwür. *Ibid.*, 1929, 56: 2694–6.—Erfahrungen mit der palliativen Resektion beim cardianen Magen- und Zwölffingerdarmgeschwür. *Ibid.*, 1939, 66: 360–2.—Mallet-Guy, P. Notes et films sur quelques techniques de H. Finsterer. *Lyon chir.*, 1938, 35: 211–4.—Marino, H. Ulcera de estómago; operación de Madlener. *Arch. argent. enferm. ap. digest.*, 1936–37, 12: 42–51.—Matolay, G. [Finsterer's palliative gastric resection] *Orv. hetil.*, 1933, 77: 356.—Mörl, F. Ueber die palliativen Magenresektionen beim Geschwürsleiden und ihre Fernergebnisse. *Beitr. klin. Chir.*, 1934, 159: 424–46.—Moore, A. B. The rôle of the Roentgen ray in determining the resectability of gastric ulcer. *Am. J. Roentg.*, 1929, 21: 226–9.—Neuber, E. [Palliative [gastric] resection] *Magy. orv. nagygyógyászoké*, 1931, 20: [Discussion] 22–4.—Pauchet, V. Ulcus gastrique haut situé traité par la résection en gouttière. *Techn. chir., Par.*, 1933, 25: 137–52.—Polotschnig, G. Sulla resezione escludente secondo Finsterer. *Arch. ital. chir.*, 1935, 41: 181–204.—Schnitzler, J. Bemerkungen zu dem Aufsatz Prof. Finsterer's: Ist die ausgedehnte Magenresektion usw. *Zbl. Chir.*, 1924, 51: 234.—Schur, H., & Lorenz, H. Erfahrungen über die Antrumresektion. *Med. Klin., Berl.*, 1921, 17: 1498.—Smith, M. Partial stomach resection after the method advocated and practiced by Professor Hans Finsterer of Vienna. *J. Florida M. Ass.*, 1935–36, 22: 209–13.—Spasokukotski, S. I. [Resection of the stomach as a radical and palliative operation] *Khír. arkh. Velyaminova*, 1912, 38: 739–71.—Zukschwerdt, L., & Horstmann, H. Die operative Behandlung des nicht oder schwer resezierbaren peptischen Geschwürs (Berechnung und Anwendung der palliativen Resektionsmethoden für das Ulcus duodeni (Finsterer) das hochsitzende Geschwür (Madlener) das Ulcus pepticum jejuni (Kreuter) *Erg. Chir. Orthop.*, 1936, 29: 440–510.
- 132.—Lapp, F. W., & Neuffer, H. Beitrag zur Nachbehandlung der Magenresektion. *Wien. med. Wschr.*, 1930, 80: 1711–3.—Ulkusresektion und ihre Nachbehandlung. *Deut. Zschr. Chir.*, 1931, 231: 345–60.—Strauss, A. A., Strauss, S. F. [et al.] The preoperative and postoperative treatment in subtotal gastrectomy. *Furg. Clin. N. America*, 1933, 15: 713–21.—Wilkinson, S. A. Dietary care after subtotal gastrectomy. *Ibid.*, 1937, 17: 717–20.
- Result.
- LARDENNOIS, G. G. H. R. *Contribution à l'étude des résultats éloignés de la gastrectomie dans l'ulcère gastrique. 78p. 8° Par., 1932.
- Abadie, J. Cinq cents gastrectomies pour ulcères de l'estomac ou du duodénum; réflexions. *Bull. Acad. méd., Par.*, 1934, 3. ser., 111: 276–81.—Alessandri, R. Sur les résultats des résections pour ulcère gastrique et duodénal. *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 2: 179–82.—Anzilotti, A. Considerazioni radiologiche sugli esiti dell'operazione di Judd (duodeno-sfinterectomia anteriore). *Nuntius radiol.*, Siena, 1936, 4: 19–28.—Bartina, J. M. Resultados de la resección del estómago por úlcera gástrica y duodenal. *Ars medica, Barcel.*, 1929, 5: 297–309. Also *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 1: 253–87.—Bastianelli, P. I risultati della resezione di stomaco per ulcera gastrica e duodenale; osservazioni e statistiche. *Arch. ital. chir.*, 1928, 22: 127–36.—Behrend, C. M. Nachuntersuchungen magenresezierter Ulkuserkrankter. *Beitr. klin. Chir.*, 1931–32, 154: 363–88.—Berg, A. A. The mortality and late results of subtotal gastrectomy for the radical cure of gastric and duodenal ulcer. *Ann. Surg.*, 1930, 92: 340–66. Also *Tr. Am. Gastroenter. Ass.*, 1933, 36. meet., 226–36.—Boeckel, J. Des résultats éloignés de la gastrectomie. *Gaz. méd. Strasbourg*, 1910, 69: 65.—Borszék, K. Durch Exzision geheilter Magengeschwür, welches einen Sanduhrmagen verursacht hatte. *Pest. med. chir. Presse*, 1911, 47: 329. Also *Verh. Budapest. Ges. Aerzte* (1911) 1912, 4.—Bresadola, V. Qualche considerazione clinica sopra cento casi di resezione gastriche per ulcere gastro-duodenali. *Boll. med. trent.*, 1935, 50: 87–101.—Brulé, M., Hillemand, P., & Loupias, P. Résultats éloignés des gastrectomies pour ulcères gastro-duodénaux. *Bull. Soc. méd. hôp. Paris*, 1940, 3. sér., 56: 12–5.—Chiariolanza, R. Risultati della resezione dello stomaco per ulcera gastrica e duodenale. *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 2: 192–4.—Ciminata, A. I risultati lontani della resezione gastro-duodenale nell'ulcus ventriculi et duodeni. *Bull. Acad. med. Roma*, 1926, 52: 236–40.—Delageniere, Y. Résultats de la résection gastrique pour ulcères, d'après une série intégrale de 146 cas. *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 2: 253–260.—De la résection comme moyen d'éviter les complications pulmonaires en chirurgie gastrique; avec statistique personnelle intégrale de 26 cas de résection gastrique. *Bull. Soc. nat. chir.*, 1930, 56: 1376–82.—Delore. Ulcère calleux de l'estomac; gastrectomie; guérison. *Lyon méd.*, 1914, 122: 1213.—Desmarest, E., & Debray, G. A propos de 25 gastro-pylorotomies pour ulcère de l'estomac. *J. chir., Par.*, 1928, 32: 1–12.—Duval, J. Sur 54 cas de gastrectomie pour ulcère. *Lyon chir.*, 1935, 32: 74–82.—Réflexions sur 108 gastrectomies pour ulcères. *Presse méd.*, 1935, 43: 491–3.—Cent cinq gastrectomies pour ulcère sans mortalité. *Mém. Acad. chir., Par.*, 1936, 62: 543–8.—Dziembowski, M. de. Résultats éloignés du traitement chirurgical de l'ulcère de l'estomac et du duodénum surtout de la gastrectomie. *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 2: 182–5.—Emerson, E. C., & Czizer, L. Resection of the stomach; end-results in 2,400 cases. *Surg. Gyn. Obst.*, 1933, 56: 926–30.—Ferey, D. Quelques réflexions sur les résultats de la gastrectomie dans les ulcères et les cancers de l'estomac. *Gaz. méd. France*, 1937, 44: 799.—Feurer, G. Erfahrungen über Magenresektion. *Deut. Zschr. Chir.*, 1912, 116: 69–77.—Flörcken, H. Spätergebnisse nach Magenresektion wegen Ulcus ventriculi und duodeni. *Münch. med. Wschr.*, 1930, 77: 2116.—Gordon-Taylor, G., Hudson, R. V. [et al.] The remote results of gastrectomy. *Brit. J. Surg.*, 1928–29, 16: 641–67.—Haberer, H. von. Ergebnisse nach weitgehender Resektion beziehungsweise Totalexstirpation des Magens bei Karzinom und Ulkus. *Deut. med. Wschr.*, 1930, 56: 562; 613.—Hamilton, W. D. On the ultimate results of extensive partial gastrectomy for cancer or ulcer of the stomach. *Physician & Surgeon*, 1913, 35: 49–53.—Jacobovici. Superiority of resection versus gastro-enterostomy in 95 percent of permanent cures in 585 peptic ulcer operations. *Cluj. med.*, 1927, 8: 249–55.—Résultats de 250 résections d'estomac pour ulcères gastriques et duodénaux. *Rapp. Congr. Soc. internat. chir.*, 1929–30, 8. Congr., 2: 194–203.—Jacobson, S. A. [Fifty years of excision of the stomach in Russia] *Soviet khir.*, 1934, 7: 587–94.—Kirmann, E. Erfahrungen bei der Resektion der Magen- und Duodenalgeschwüre. *Chirurg.*, 1938, 10: 397–400.—Klein, E., Aschner, P. W., & Crohn, B. B. The end-results of partial gastrectomy for primary gastric and duodenal ulcers; studies in pre- and post-operative gastric secretion. *Tr. Am. Gastroenter. Ass.*, 1933, 36. meet., 197–205.—Kreuter, E. Erfahrungen an 150 operativ behandelten Perforationen des Magen-Duodenalgeschwürs (80 primäre Resektionen, 70 Palliativoperationen) *Zbl. Chir.*, 1932, 59: 2017.—Lahey, F. H. Experiences with gastrectomy, total and subtotal. *Tr. N. England Surg. Soc.*, 1938, 21: 186–204. Also *N. England J. M.*, 1939, 220: 315–21

Pre- and post-operative management.

Aguiler Alvarez, J. Algunas anotaciones en el post-operatorio inmediato de los gastrectomizados. *Cir. ciruján.*, Méx., 1933, 1: 123–33.—Brežný, I. [Dietetics of resected stomachs] *Bratisl. lek. listy*, 1936, 16: 268–72.—Frühmann, P. Das Verhalten der Gewichtskurve nach Magenresektion mit Berücksichtigung des Nährpräparates Promonta. *Wien. med. Wschr.*, 1930, 80: 1197–9.—Gordon, O. L., & Ryzhkovskaia, P. B. Therapeutic diet of patients with gastric ulcers following extensive resection of the stomach] *Vopr. pitan.*, 1939, 8: No. 3, 37–43.—Graumann. Zur Nachbehandlung magenresezierter Ulkuserkrankter. *Münch. med. Wschr.*, 1935, 82:

Also repr. — & Marshall, S. F. The surgical treatment of peptic ulcer, based upon 130 subtotal gastrectomies for peptic ulcer. *Ibid.*, 1937, 217: 933-40.—Lake, N. C. The late results of partial gastrectomy. *Lancet*, Lond., 1928, 2: 268-74. — Partial gastrectomy; a review of 320 cases. *Brit. M. J.*, 1937, 2: 49-53.—Lapp, F. W., & Neuffer, H. Spätergebnisse bei Magenresektion. *Chirurg*, 1934, 6: 86-90.—Lardennois, G. Résultats de la résection de l'estomac pour l'ulcère gastrique et duodénal. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 1: 289-335.—Leclerc, G. Résultats éloignés des résections partielles dans l'ulcère de la petite courbure. *Bull. Soc. nat. chir.*, Par., 1928, 54: 241-4.—Le Gac, P. Quarante-trois gastrectomies consécutives; quarante-trois guérisons sans aucun incident post-opératoire. *Bull. Soc. chir. Paris*, 1936, 28: 312-20.—Lewisohn, R. Operative results in partial and subtotal gastrectomy for gastro-duodenal ulcers. *Ann. Surg.*, 1930, 91: 520-6.—Luis y Yagüe, R. de. Resultados lejanos de la gastrectomía en el tratamiento de la úlcera gástrica y duodenal y de las posibilidades de beneficiarios, en particular por su dosificación. *Med. ibera*, 1935, 29: pt. 2, 257: 289. Also *Siglo méd.*, 1935, 95: 730; 96: 2: 30.—Matronola, G. Considerazioni su cento casi di resezione gastrica per ulcera. *Boll. Accad. med. Roma*, 1935-36, 61: 427-34.—Miller, G. A case of gastric ulcer cured by gastrectomy after 45 years of treatment. *Canad. M. Ass. J.*, 1936, 35: 68-70.—Morley, J., & Bentley, F. H. Late results of partial gastrectomy for peptic ulcer. *Brit. M. J.*, 1938, 2: 645-9.—Morley, J., & Roberts, W. M. The technique and results of partial gastrectomy for chronic gastric ulcer; with a note on gastric analysis following partial gastrectomy. *Brit. J. Surg.*, 1928-29, 16: 239-52.—Moore, P., Orsoni, & Buncour, R. Réflexions à propos de 121 gastrectomies: statistique intégrale des cas opérés entre le 1^{er} janvier 1932 et le 15 avril 1937. *Mém. Acad. chir.*, Par., 1937, 63: 1295-309.—Obnerdennmayr, A. Spätergebnisse nach Magenresektion wegen Ulcus ventriculi und duodeni. *Münch. med. Wschr.*, 1930, 77: 1799-801.—Odelberg, A. Primary resection of the stomach in perforating gastric and duodenal ulcers. *Acta chir. scand.*, 1927, 62: 159-66.—Payne, R. T. The post-mortem findings after partial gastrectomy. *S. Barth. Hosp. Rep.*, Lond., 1936, 69: 191-8.—Pignatti, A. Contributo di ventuno resezioni per ulcere peptiche postoperative. *Arch. Soc. ital. chir.* (1937) 1938, 44: 776-83.—Pineda, J. C. Revision de una serie de gastrectomizados por ulcus gastroduodenal y gastritis crónica. *Bol. méd. Puerto Rico*, 1932, 26: 10-3. — Observaciones interesantes sobre gastrectomías. *An. cirug.*, Habana, 1930, 2: 7-68.—Podlaha, J. Résultats des gastro-pylorotomies pour des ulcères peptiques. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 2: 244-7.—Pontandolfi, P. Studio isto-patologico dell'ulcera gastro-duodenale primitiva in resecati per ulcera peptica post-operatoria, con rilievi clinici su 50 casi. *Clin. chir.*, Milano, 1938, 41: 637-53.—Puig y Sureda. Les résultats de la résection de l'estomac pour ulcère gastrique et duodénal. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 1: 337-85, 7 pl.—Ribas Ribas, E. Resultados de las resecciones gástricas. *Ibid.*, 387-446, 24 pl. Also *Rev. méd. Barcelona*, 1929, 12: 225-79.—Rieder, W. Dauerergebnisse der primären Resektion beim perforierten Magen-Zwölffingerdarm-Geschwür. *Chirurg*, 1931, 3: 884-9.—Spätergebnisse bei ausgedehnter Magenresektion wegen Ulcus ventriculi und duodeni. *Zbl. Chir.*, 1934, 61: 198-203.—Rossi, B. Gli esiti della resezione gastrica per ulcera duodenale e gastrica. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 2: 281-5. — I risultati della resezione dello stomaco per ulcera gastrica e duodenale. *Pensiero med.*, 1930, 19: 43-53. — & Scalone, I. I risultati della resezione dello stomaco per ulcera gastrica e duodenale. *Clin. chir.*, Milano, 1929, 32: 1253-385. Also *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 1: 447-608, 6 pl., 2 ch.—Salotti, A., & Redi, R. Rilievi clinici e radiologici sugli esiti nell'operazione di Judd. *Arch. ital. chir.*, 1935, 40: 501-24.—Santy, P., & Mallet-Guy, P. Enquête sur les résultats éloignés des gastrectomies pour ulcère. *Lyon méd.*, 1938, 162: 445-65.—Schewket, F. Die Resektionserfolge bei Magenulcus. *Zbl. Chir.*, 1933, 60: 2561-4.—Schoemaker, J. The results of the partial gastrectomy in cases of ulcer of the stomach and the duodenum. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 1: 609-42, 2 pl.—Sénèque, J. Réflexions à propos de 33 gastrectomies. *Mém. Acad. chir.*, Par., 1937, 63: 247-64.—Still, R. J. Mortality and later results of subtotal gastrectomy. *Lancet*, Lond., 1936, 2: 1030-4.—Struppler, V. Spätergebnisse der Magenresektion. *Beitr. klin. Chir.*, 1938, 168: 114-28.—Témoïn. Opérations (186) d'ulcère chronique de l'estomac; de l'utilité des larges résections. *Bull. méd.*, Par., 1917, 31: 19-22.—Thiessen, N. W. Results of subtotal gastrectomy. *Proc. Mayo Clin.*, 1935, 10: 582-4.—Waldenström, J. Om magresektion för kräfta med hänsyn till operationssmortalitet och resultatens varaktighet. *Hygiea*, Stockh., 1911, 30-52.—Zoarski. Résultats éloignés du traitement chirurgical des ulcères gastrique et duodénal. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 1: 643-50.

Sequelae.

CAILLARD, A. *A propos d'un cas d'occlusion tardive par l'anse afférente après gastrectomie. 34p. 8°. Par., 1936.

TRIEP, H. *Röntgenologische Befunde bei Beschwerden von magenresezierten Ulcus-Kranken. 23p. 8°. Walldorf, 1932.

Biecheler, A. Pathogénie et traitement des troubles dyspeptiques après gastrectomie. *J. méd. Paris*, 1932, 52: 699.—Billi, A. La cloroemia nelle occlusioni intestinali in cani gastrectomizzati. *Boll. Soc. ital. biol. sper.*, 1930, 5: 5-7.—Borchgrevink, C. Die Gallenintoleranz nach Magenresektion. *Zbl. Chir.*, 1928, 55: 2242-50.—Cardenal. Enfermo resecado de estómago y reoperado. *Med. ibera*, 1935, 29: 546.—Charrier, J. Le jéjunostomie utilisée comme traitement des troubles du transit alimentaire après gastrectomie. *Arch. mal. app. digest.*, Par., 1935, 25: 283-92.—Dibold, H. Ueber Ernährungsstörungen nach Magenresektion. *Med. Klin.*, Berl., 1933, 29: 1138-43.—Emery, E. S., jr. The cause of the faulty digestion in dogs without stomachs. *Am. J. Digest. Dis.*, 1935-36, 2: 599-608.—Franco, E. Complicaciones tardías das resecciones gástricas. *Med. contemp.*, Lisb., 1938, 56: 363-8.—Guleke, N. Störungen nach Magenresektionen. *Zbl. Chir.*, 1938, 65: 898-904.—Hertel, E. Gastritis am resezierten Magen als Krankheitsbild. *Ibid.*, 1928, 55: 1986-8.—Iost, V. I. [Immediate and remote sequelae of excision of the stomach in deeply imbedded gastroduodenal ulcers] *Khirurgia*, Moskva, 1938, No. 3, 101-7.—Kammerer, F. Excision of gastric ulcer, followed by hour-glass contraction of the stomach. *Ann. Surg.*, 1914, 59: 791-5.—König, F. Darmstörungen nach Madlener'scher Magengeschwürsoperation. *Zbl. Chir.*, 1930, 57: 1036-41.—Lévy, M., Cottenot & Chérigé. Le syndrome dit du petit estomac après gastrectomie. *Arch. mal. app. digest.*, Par., 1938, 28: 515.—Lewit, W. Zur Frage des Verschlusses des Duodenalstumpfes nach umfangreichen Resektionen des Magens. *Zbl. Chir.*, 1912, 39: 740-2.—Mátyás, M. Beiträge zur Kenntnis der mechanischen Ursachen von nach Magenresektion zurückbleibenden oder auftretenden Störungen. *Ibid.*, 1931, 58: 2193-201.—Medinaveitia. Vaciamiento en los gastrectomizados. *Rev. cir. Barcelona*, 1935, 9: 260.—Meloch, W. Le diarre negli operati di gastro-enterostomia e di resezione gastrica. *Med. nuova*, 1935, 26: 417-27.—Mendershausen, A. Wertung und Behandlung von Beschwerden nach Magenresektion. *Deut. med. Wschr.*, 1931, 57: 1543-6.—Pera Jiménez, C. Algunos problemas de los resecados gástricos. *Rev. méd. Barcelona*, 1936, 25: 54-82.—Pokryshkin, I. I. [Case of cardiospasm following excision of the stomach for gastro-duodenal ulcer] *Nov. khir. arkh.*, 1938, 41: 572-4.—Puscariu, R., & Spătaru, T. Ein Fall von transmesenterischem innerem Bruch, eine seltene und verspätete Folge der Magenresektion. *Zbl. Chir.*, 1938, 65: 1619-25.—Queiroz, A. de. Dois doentes gastrectomizados. *Ann. Soc. med. cir. Itabuna*, 1937, 78, 7 pl.—Rybak, I. I. [Remote sequelae of excision in chronic gastro-duodenal ulcer] *Nov. khir. arkh.*, 1936, 37: 47-58.—Santy, P., & Mallet-Guy, P. Le déficit pondéral post-opératoire, séquelle éventuelle de la gastrectomie pour ulcère. *Presse méd.*, 1939, 47: 1-5.—Shaviner, N. I., & Shatunovsky, L. I. [Remote sequelae of excision of the stomach according to Krönlein] *Vrach. delo*, 1939, 21: 225-30.—Soinova, T. A. [Remote sequelae of excision of the stomach] *Khirurgia*, Moskva, 1937, No. 8, 11-6.—Zeno, L. O., & Cames, O. Gastrectomia y estrangulación intestinal a través de la brecha mesocólica. *Bol. Soc. cir. B. Aires*, 1929, 13: 723-6.—Zukswerd, L., & Zettel, H. Welche Rolle spielt die Gastritis nach Resektion wegen Ulcus? *Deut. Zschr. Chir.*, 1933, 241: 55-67.

Sequelae: Peptic ulcer.

See also Gastroenterostomy, Sequelae: Peptic ulcer; Jejunum, Ulcer, &c.

MORENO-TINAJERO, M. *Les ulcères peptiques après gastrectomie. 156p. 8°. Par., 1937. — MÜLLER, E. *Praktische Erfahrungen über Ulcus pepticum jejuni und entsprechende Untersuchungen an Magenresezierten. 31p. 21cm. Seestadt, 1937.

Balfour, D. C. The management of recurrent ulcer following partial gastrectomy. *Tr. Am. Surg. Ass.*, 1929, 47: 55-65. — Jejunostomy for recurring peptic ulcer following partial gastrectomy. *Surg. Clin. N. America*, 1929, 9: 23.—Bancroft, F. W. Jejunal ulcer following gastric resection. *Ann. Surg.*, 1935, 101: 1125-8.—Cames, O. Ulcera péptica postgastrectomica. *Rev. cir. B. Aires*, 1933, 12: 891-901.—Delore, X., Comte, H., & Lainé. Ulcus récidivant après gastrectomie circulaire; nouvelle résection. *Lyon méd.*, 1926, 137: 187-9.—Delore & Gabrielle. Ulcère récidivant après gastrectomie. *Lyon chir.*, 1936, 33: 329-34.—Delore, X., & Roman. Deux cas de récidive d'ulcère après gastrectomie. *Lyon méd.*, 1936, 158: 629-32.—Francke, O., & Falcoianu, N. Fistule biliaire totale, précoce, consécutive à une gastrectomie pour ulcère; cholécysto-jejunostomie. *Bull. Soc. nat. chir.*, Par., 1934, 60: 893-8.—Galpern, J. Die Magenresektion und das Ulcus pepticum jejuni. *Zbl. Chir.*, 1926, 53: 535-9.—Holst, J. [Post-operative jejunal ulcer after resection of stomach] *Norsk mag. lægevid.*, 1927, 88: 111-6.—Jacobovici, J. Ulcères peptiques après des résections d'estomac. *Rev. chir.*, Bucur., 1938, 41: 721-4.—Jones, R. D. Multiple jejunal ulcers following partial gastrectomy; report of a case. *Proc. Mayo Clin.*, 1927, 2: 181.—Law, W. A. Perforated jejunal ulcer following partial gastrectomy. *Brit. M. J.*, 1940, 1: 844-6.—Le Gac, P. Un cas d'ulcère peptique perforé après gastrectomie; opération; mort.

Bull. Soc. chir. Paris, 1939, 31: 325-8.—**Lucia, H.** Les récidives d'ulcères après gastrectomies. *Rev. chir., Par.*, 1938, 76: 142-63.—**Nyström, G., & Söderberg, F.** Ueber Ulcus pepticum jejuni nach Magenresektion. *Zbl. Chir.*, 1928, 55: 258-63.—**Oviedo Bustos, J. M.** Ulcera yeyuno-péptica post-gastrectomía. *Actas Congr. nac. med., Rosario*, 1934, 5: pt 4, 110-25.—**Peco, G., & Puchulu, F.** Ulcera péptica en un gastrectomizado. *Sem. méd., B. Air.*, 1934, 41: 1876.—**Perrotti, G.** Sulla influenza che alcune resezioni dei nervi estrinseci ed intrinseci dello stomaco possono esercitare in rapporto alla produzione dell'ulcera peptica post-operativa. *Ann. ital. chir.*, 1930, 9: 138-52.—**Puccinelli, V.** Ulcere recidive dopo resezione gastrica, osservazioni su 42 casi, dei quali 18 rioperati. *Arch. ital. chir.*, 1938, 48: 870. Also *Arch. Soc. ital. chir.* (1937) 1938, 44: 898.—**Rieder, W.** Ulcusrezidive nach ausgedehnter Magenresektion. *Chirurg*, 1930, 2: 565-7.—**Starlinger, F.** Das Rückfallgeschwür nach Magenresektionen wegen primärem Geschwür des Magens oder Zwölffingerdarms. *Arch. klin. Chir.*, 1930, 160: 409-19.—**Weir, J. F.** Phenomena including recurrent ulcer following resection of benign lesions. *Tr. Am. Gastroenter. Ass.* (1929) 1930, 32: 505-15. Also *Am. J. Surg.*, 1929, n. ser., 7: 505-15.

total.

See also Esophagus, Surgery.

SCHÜLLER, P. J. *Folgen und Erfolge der Totalexstirpation des Magens. 37p. 22cm. Bonn, 1937.

WIPFERN, E. [F. H.] *Ueber die Gründe der tödlichen Ausgänge nach totaler Magenexstirpation. 22p. 8°. Würzb., 1928.

Annes-Dias, H. L'agastrie; aspects pathogéniques et cliniques. *Presse méd.*, 1938, 46: 411-5.—**Aschmarin, P., & Martinson, E.** Die Basensäureverhältnisse im Organismus und die Tätigkeit des Magendarmkanals; Basensäureverhältnisse beim Menschen nach der Entfernung des Magens. *Biochem. Zschr.*, 1928, 199: 307-25.—**Atkinson, W., & Masson, J. C.** Total gastrectomy: report of a case. *Proc. Mayo Clin.*, 1934, 9: 356-8.—**Baggio, G.** A proposito della gastrectomia totale per cancro. *Policlinico*, 1929, 36: sez. prat., 1675-7.—**Baisset, A., Ducuing, J., & Soula, L. C.** La gastrectomie totale chez le chien. *J. physiol. path. gén.*, 1937, 35: 90-113.—**Balog, A.** Bildung eines Ersatzmagens bei der völligen Magenentfernung. *Zbl. Chir.*, 1926, 53: 2581-3.—**Bannick, E. G.** Total gastrectomy: observations of 2 years on a case previously reported. *Proc. Mayo Clin.*, 1933, 8: 3-5.—**Banzet, P.** Un cas de gastrectomie totale. *Mém. Acad. chir., Par.*, 1937, 63: 894-900.—**Beresow, E. L.** Totale Magenresektion mit unmittelbarer Vereinigung der Speiseröhre mit dem Zwölffingerdarm. *Zbl. Chir.*, 1931, 58: 266-8. [Fiftieth anniversary of total excision of the stomach] *Sovet. khir.*, 1934, 7: 747-51.—**Bull, P., & Stang, J.** Total gastrectomy for cancer with after-examinations of the absorptive capacity of the intestine. *Acta chir. scand.*, 1934, 75: 319-28. pl. Also *Norsk. mag. laegevid.*, 1935, 96: 165-72.—**Butler, H. B.** A case of complete gastrectomy for chronic ulcer; with observations on the effect of the loss of the stomach on the physiology of digestion in man. *Brit. J. Surg.*, 1927-28, 15: 316-24.—**Clute, H. M.** The post-operative course following total gastrectomy. *Surg. Clin. N. America*, 1934, 14: 1039-48.—**Coenen, H.** Zur Methodik der Totalexstirpation des Magens. *Deut. Zschr. Chir.*, 1930, 225: 391-8.—**Diaz, A.** A gastria. *Rev. As. méd. argent.*, 1937, 51: 153-8.—**Ducuing, J., Soula, C., & Frankel, R.** La gastrectomie totale chez l'homme. *J. chir., Par.*, 1934, 44: 175-210.—**Egidi, G.** Contributo alla gastrectomia totale. *Boll. Acad. med. Roma*, 1929, 55: 152-9, pl. — **Uteriore contributo alla casistica della gastrectomia totale.** *Ibid.*, 1934, 60: 109; 1937, 63: 327. Also *Arch. ital. chir.*, 1938, 51: 783-95.—**Enderlen.** Zur Geschichte der Gastrectomia totalis. *Zbl. Chir.*, 1931, 58: 954.—**Gade, H. G.** [Intestinal function following total gastrectomy] *Norsk. mag. laegevid.*, 1937, 98: 692-4.—**Glenn, F.** Total gastric resection. *Surg. Gyn. Obst.*, 1937, 65: 540-4.—**Gotó, S.** Erfahrungen über die totale Exstirpation des Magens. *Arch. klin. Chir.*, 1939-40, 197: 385-94.—**Graham, R. R.** A technique for total gastrectomy. *Surgery*, 1940, 8: 257-64.—**Gutzeit, K.** Schwere Anämien nach totalen Magenresektionen. *Klin. Wschr.*, 1932, 11: 376.—**Haberer, H. von.** Bemerkung zu dem Aufsatz von E. Beresow: Totale Magenresektion mit unmittelbarer Vereinigung der Speiseröhre mit dem Zwölffingerdarm. *Zbl. Chir.*, 1931, 58: 599.—**Herlyn, K. E., & Stucke, K.** Zur Kennzeichnung der totalen Magenresektion. *Beitr. klin. Chir.*, 1938, 168: 87-91.—**Hilarowicz, H.** Zur Technik der totalen Magenexstirpation. *Zbl. Chir.*, 1931, 58: 2613-7.—**Holst, J.** [Seven cases of total gastrectomy] *Norsk. mag. laegevid.*, 1937, 98: 672 [Forh. Norsk Med. Selsk.] 165.—**Hoyos, P. E.** Gastrectomia casi total del estómago por cancer seguida de éxito persistente. *Rev. méd. cubana*, 1926, 37: 828-38.—**Illingworth, C. F. W.** Total gastrectomy. *Tr. Med. Chir. Soc. Edinburgh*, 1938-39, 118. sess., 22.—**Ivy, A. C., Morgan, J. E., & Farrell, J. I.** The effects of total gastrectomy; experimental achylia gastrica in dogs with the occurrence of a spontaneous anaemia and anaemia of pregnancy. *Surg. Gyn. Obst.*, 1931, 53: 611-20.—**Jennings, J. E.** Total gastrectomy. *Ann. Surg.*, 1936, 104: 957-60.—**Judd, E. S., & Marshall, J. M.** Total gastrectomy, with report of a successful case. *Surg. Gyn. Obst.*, 1930, 50: 1008-11.—**Jung, F. T.** Anemia produced by gastrectomy in the rat. *Tr. Am. Gastroenter. Ass.*, 1933, 36:

meet., 237-9. — **Total gastrectomy in the rat.** *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 130.—**Kohn, A.** Experimentelle Untersuchungen über morphologische Blutveränderungen nach totaler Magenexstirpation. *Deut. Zschr. Chir.*, 1935, 245: 783-90.—**Lange, K.** Zur totalen Magenexstirpation. *Chirurg*, 1930, 2: 1117-23.—**Lazzaroni, A.** Sul comportamento della motilità intestinale nel cane operato di gastrectomia completa. *Arch. fisiol., Fir.*, 1934-35, 34: 558-78.—**Lobenhoffer, W.** Ueber totale Magenresektionen. *Münch. med. Wschr.*, 1934, 81: 241-3.—**Machii, H., & Omi, K.** On the complete removal of the stomach. *Polycin. Dairen*, 1926-28, 3: No 26, 1. Also *J. Orient. M., Dairen*, 1927, 7: 87.—**Maison, G. L., & Ivy, A. C.** Gastrectomy and subsequent hematologic studies in the hog. *Proc. Soc. Exp. Biol., N. Y.*, 1934, 31: 554-6.—**Maxeiner, S. R.** Complete gastrectomy with report of a successful case. *Tr. West. Surg. Ass.* (1928) 1929, 38: 433-8.—**Mazzarella, O.** Gli aspetti dell'emopoiesi in un caso di gastrectomia totale per ulcus. *Policlinico*, 1936, 43: sez. prat., 622-30.—**Neel, H. B., & Waugh, J. M.** Total gastrectomy, report of case. *Proc. Mayo Clin.*, 1939, 14: 129-35.—**Netoušek, M., & Carsky, K.** [Experimental and clinical investigations on total gastrectomy] *Bratisl. lek. listy*, 1937, 17: 456-65.—**Petri, S., & Nørgaard, F.** Survey of changes produced by gastrectomy in young swine, with special reference to the central nervous system. *Acta path. microb. scand.*, 1938, Suppl. 38, 159-63. — **Bing, J.** Pathological changes produced by gastrectomy in young swine. *Am. J. M. Sc.*, 1938, 195: 717-22, pl.—**Roeder, C. A.** Total gastrectomy. *Ann. Surg.*, 1933, 98: 221-31.—**Santoro, M.** Contributo all'indagine radiologica del tubo digerente dopo gastrectomia totale. *Riv. radiol.*, 1931, 5: 689-95.—**Santy, P.** Gastrectomie totale. *Lyon chir.*, 1937, 34: 98-105.—**Sapozhkov, K. P.** [New method of mobilizing of the stomach in high and total excisions] *Khirurgia, Moskva*, 1939, No 11, 102-8.—**Savinykh, A.** [Complete excision of the stomach and resection of cardia and lower esophagus] *Ibid.*, 1938, No 6, 100-10.—**Schwarz, E.** Ueber die Totalexstirpation des Magens. *Zbl. Chir.*, 1926, 53: 578-84. Also *Münch. med. Wschr.*, 1926, 73: 223.—**Shima, K.** Allgemeine Stoffwechseluntersuchungen nach totaler Magenexstirpation und ausgedehnter Darmresektion. *Beitr. klin. Chir.*, 1931, 153: 275-99.—**Skvortsov, I. G.** [Total excision of the stomach] *Nov. khir. arkh.*, 1938, 41: 256-61.—**Slonim, I. J.** [Method of esophageojejunosomy in total excision of the stomach] *Ibid.*, 1936, 37: 500-5.—**Soloviev, L. T.** [Nitrogen metabolism in a case of complete excision of the stomach in a woman] *Arch. biol. nauk.*, 1928, 28: 419-34. Also *Biochem. Zschr.*, 1928, 199: 121-35.—**Stahnke, E. N.** Ein Fall von totaler Magenresektion. *Deut. Zschr. Chir.*, 1928, 211: 408-10. Also *Zbl. Chir.*, 1933, 60: 865-70.—**Streicher, M. H.** Total gastrectomy (esophago-jejunosomy; an unusual case) *Illinois M. J.*, 1934, 65: 520.—**Tateno, S.** Ueber 3 Fälle von Total-exstirpation des Magens, insbesondere über deren postoperative Blutbefunde. *Arch. klin. Chir.*, 1935-36, 184: 681-8.—**Troell, A., Losell, G., & Karlmark, E.** Fall von totaler Gastrektomie wegen Kanker. *Mitt. Grenzgeb. Med. Chir.*, 1926-27, 40: 542-9.—**Uhlhorn, E., geb. Jüres.** Totale Exstirpationen des Magens. *Arch. klin. Chir.*, 1927, 144: 593-611.—**Walters, W.** Total gastrectomy; report of a successful operation. *Proc. Mayo Clin.*, 1929, 4: 293-5. — **Chemical and roentgenographic studies in a case of total gastrectomy 4 months after operation.** *Ibid.*, 1930, 5: 9. — **Priestley, J. B.** Total gastrectomy and other extensive gastric resections in elderly patients. *Ibid.*, 1931, 6: 49-53.

GASTREICH, Carl, 1903— *Ein Fall von doppelseitigem, metastatischem Aderhautcarcinom [Heidelberg] 18p. 8°. Castrop-Rauxel, Geschw. Schmitz, 1930.

GASTREICH, Friedrich, 1905— *Ueber Komplexverbindungen von Erdalkalien mit Antipireticis. 14p. 8°. Münst. i. W., Regensburg [1932]

GASTREICH, Walter, 1901— *Osteomalacie am Os lunatum. 42p. 8°. Erlangen, Reinhold & Limmert, 1927.

GASTRIC artery.

See Stomach, Blood vessels.

GASTRIC crisis.

See also Gastralgia; also in 3. ser. under *Tabes dorsalis*.

HOROWITZ, A. Crises gastriques du tabes; étude thérapeutique et pathogénique; traitement des algies tabétiques par les injections intraveineuses d'atropine. 120p. 8°. Par., 1932.

Achard, C. Crises gastriques du tabes. *Rev. gén. clin. théér.*, 1927, 41: 513-20.—**Alajouanine, T., & Horowitz, A.** Traitement des crises gastriques du tabes par les injections intraveineuses de sulfate d'atropine. *Bull. Soc. méd. hôp. Paris*, 1932, 3. ser., 48: 178-81.—**Benedek, L., & Hüttl, T.** Ueber den Wert der Chordotomie bei Crise gastrique. *Beitr. klin. Chir.*, 1935, 161: 621-44.—**Binet, L., & Parrot, J.** La crise gastrique

- du tabes; crise hypochlorémiant. Presse méd., 1935, 43: 2001.—**Bonorino Udaondo**, C. Crises gástricas tabetiformes y zona: gastroradiculitis. Prensa méd. argent., 1927-28, 14: 941-4.—**Bosch, R. G.** El cloral y el bromuro de sodio por vía rectal en el tratamiento de las crisis gástricas del tabes. Dia méd., B. Air., 1935, 7: 1602.—**Bouchut, L.** Les gastro- et entéro-radicalites à forme continue. Lyon méd., 1920, 129: 680.—**Cauvy, G.** Crises gastriques tabétiques: leur traitement. Presse therm. clim., 1926, 67: 137-9.—**Ceballos, A.** La ramisección dorsal en el tratamiento de las crisis gástricas del tabes. Bol. Soc. cir. B. Aires, 1928, 12: 228-34.—**Diez, J.** La cordotomía antero-lateral en el tratamiento de las crisis gástricas tabéticas. Prensa méd. argent., 1928, 15: 382-94. Also Crón. méd. mex., 1929, 28: 243-54.—**Escudero, P., & Tobias, J. W.** Crises vomitivas tabéticas. Sem. méd., B. Air., 1926, 33: 102-6.—**Fairley, K. D.** A note on gastric colic. Melbourne Hosp. Clin. Rep., 1933, 4: 89.—**Guerrero, C. D.** Crises gástricas tabéticas no dolorosas. Analeta med., Méx., 1940, 1: 47-52.—**Haguenau, J.** Crises gastriques tabétiques; cordotomie; guérison datant de 12 ans. Rev. neur., Par., 1937, 68: 346.—**Hyndman, O. R., & Jarvis, F. J.** Gastric crisis of tabes dorsalis; treatment by anterior chordotomy in 8 cases. Arch. Surg., 1940, 40: 907-1013.—**Laignel-Lavastine & Boquien.** Eruption herpétique accompagnant régulièrement les crises gastriques du tabes. Bull. Soc. méd. hôp. Paris, 1932, 3, ser., 48: 116-8.—**Leński, M.** [Tabetic gastric crises in syphilis of the stomach] Polska gaz. lek., 1935, 17: 65-70.—**Lichtenstein, M. E.** Painless gastric crisis, report of case. Illinois M. J., 1927, 51: 71.—**Mundt, F.** Die operative Zerstörung der Rami communicantes bei gastrischen Krisen der Tabiker. Wien. klin. Wschr., 1926, 39: 531-3. — Zur operativen Behandlung der gastrischen Krisen der Tabiker. Deut. Zschr. Chir., 1927, 225: 92-110.—**Marinesco, G., Sager, O.** [et al.] Investigaciones sobre la patogenia y el tratamiento de la crisis gástrica tabética. Crón. méd. mex., 1928, 27: 198-200. Also Presse méd., 1928, 36: 150.—**Milian & Grupper.** Traitement étologique des crises gastriques du tabes. Bull. Soc. fr. derm. syph., 1936, 43: 1804-7.—**Moutier, F.** Le pronostic éloigné dans les crises gastriques du tabes. Arch. mal. app. digest., Par., 1927, 17: 208-14.—**Pál, V.** [Successful treatment with vitamin B₁ in lancinating gastric crises] Gyógyászat, 1939, 79: 248-50.—**Pantolimi, M.** Crises gástricas tabéticas. Dia méd., B. Air., 1935, 7: 1489; 1503.—**Pearl, F. L.** Celiac ganglionectomy and plexus resection for tabetic gastric crises. Ann. Surg., 1939, 109: 263-6.—**Peres, Y.** Existe-t-il un traitement vraiment efficace des crises gastriques du tabes? Arch. internat. neur., Par., 1937, 56: 137.—**Rabut.** Crise gastrique tabétique avec hématomie mortelle. Bull. Soc. fr. derm. syph., 35: 131.—**Ramond, L.** Crise gastrique. Presse méd., 1933, 41: 1171.—**Romano, N.** Crises gástricas tabéticas. Dia méd., B. Air., 1936, 8: 141-4.—**Savy, P., & Thiers, H.** Sur un traitement palliatif de la crise gastrique tabétique; la ramisección sympathique, anesthésique ou chirurgicale. J. méd. Lyon, 1928, 9: 439-42.—**Schönbauer, L.** Ueber den Wert der Sympathektomie zur Behandlung tabischer Krisen. Arch. klin. Chir., 1930, 160: 175-8.—[Severe gastric crises with hypersecretion without pain in incipient tabes] Ugeskr. læger, 1922, 84: 1081.—**Simons, D. J.** The diagnosis and therapy of gastric crises. Am. J. Syph., 1939, 23: 782-96.—**Solervicens, J. J., & Panella.** Crises gastriques tabétiques accompagnées de paroxysmes d'hypertension artérielle. C. rend. Congr. alién. neur. France, 1929, 33. Congr., 343-7.—**Stein, F.** Ueber chirurgische Behandlung von gastrointestinalen Krisen bei Tabes dorsalis. Deut. Zschr. Chir., 1927, 205: 111-3.—**Stüncer, E.** Cordotomia bilateral y crisis gástricas tabéticas. Rev. med. cir. Habana, 1930, 35: 711-22.—**Touhy, E. L.** Gastric crises and related abdominal pain. Minnesota M., 1918, 1: 241-7.—**Verbrugge, J.** Un nouveau cas de neuramisectomie pour crise gastrique tabétique. Bruxelles méd., 1926-27, 7: 1222-4. — Le neuroamisectomie dans les crises gastriques tabétiques. P. verb. Congr. fr. chir., 1930, 39: 712-7. — & **Van Bogaert, L.** Deux cas de neuramisectomie pour crises gastriques du tabes. Lyon chir., 1927, 24: 32-9. — The pathogenesis and the surgical treatment of gastric crisis of tabes; neuramisectomy. Surg. Gyn. Obst., 1928, 47: 543-53.

GASTRIC JUICE.

See also Digestion; Digestive glands; Stomach, Function; also in 3. ser. Stomach, Juice.

- Bizzarri, A., & De-Martini, M.** Valore clinico del succo d'esca nel chimismo gastrico. Fol. med., Nap., 1923, 9: 371-9.—**Boldyreff, W. N.** Dry natural digestive juices: their properties and laboratory and clinical use. Am. J. Digest. Dis., 1935-36, 2: 33-6.—**Catheart, E. P.** Lecture on appetite juice. Tr. R. Med. Chir. Soc. Glasgow, 1922, 15: 53-9.—**Gallenga, P.** Il contenuto gastrico. Athena, Roma, 1936, 5: 110-8.—**Katsch, G.** Das Nebensekret des Magens. Münch. med. Wschr., 1933, 80: 675-7. — Ueber den Magensaft. Zbl. inn. Med., 1934, 55: 807.—**Kin, Y.** Ueber den Magensaft der Nicht-Magenkranken. J. Chosen M. Ass., 1933, 23: 129-31.—**Meunier, L.** Du suc gastro-duodéal. Presse méd., 1932, 60: 42-4.—**Thomsen, E.** Clinical and experimental studies of gastric juice. Acta med. scand., 1934, 82: 311-28.—**Vinnikov, V. L.** [Results of the examination of the gastric juice of the dispensary and house patients of the Combined Municipal Astrakhan Hospital] Izv. obsh. Astrakhan. vrach., 1912, 5: (June-Aug.) 33-40.
- **Acidity.**
See also subheadings Hydrochloric acid; Lactic acid.
ROBERTSON, J. D. Gastric acidity; an historical and experimental study. 76p. 8° Lond. [1931]
Alvarez, W. C. Gastric acidity and its significance. Lancet, Lond., 1936, 1: 740.—**Apperly, F. L.** Gastric acidity and its significance; a clinical and experimental study. Ibid., 5-10.—**Babkin, B. P.** The acidity of the gastric juice. Am. J. Surg., 1929, n. ser., 7: 498-504. Also repr.—**Butcher, T. A.** Observations of the gastric acidity and secretion in health. Q. J. Med., Oxf., 1925-26, 19: 455-78.—**Carro y García, S., & Rodríguez-Zúñiga, V.** Sobre la acidez de los recogidos gástricos filtrados y sin filtrar. Rev. iber. amer. cienc. méd., Madr., 1913, 29: 407-13.—**Földes, E.** Gastric acidity and its significance. Lancet, Lond., 1936, 1: 1035.—**Gamble, J. L., & McIver, M. A.** The acid-base composition of gastric secretions. J. Exp. M., 1928, 48: 837-47.—**Ghalioungui, P.** Gastric acidity and its significance. Lancet, Lond., 1936, 1: 1088.—**Hollander, F.** What is the acidity of pure gastric juice? a review of the experimental literature. J. Am. Inst. Homeop., 1931, 24: 491-500.—**Hurst, A. F.** Gastric acidity and its significance. Lancet, Lond., 1936, 1: 168.—**Immerman, S. L.** A clinical consideration of gastric acidity. Med. J. & Rec., 1929, 129: 315-8.—**Keller, R.** Zur Säureproduktion des Magens. Biochem. Zschr., 1929, 214: 395-400.—**Lussanna, P.** Du principe acidifiant du suc gastrique; recherches expérimentales. Presse méd. belge, 1861-62, 14: 157.—**Martinkovsky, B.** [Correlation of digestive strength of gastric juice and its acidity] Russ. klin., 1927, 8: 827-39.—**Popovici, D.** [p_a in gastric juice] Rev. san. mil., Bucur., 1931, 30: 324-8.—**Priestley, J. T., & Mann, F. C.** Gastric acidity with special reference to the pars pylorica and pyloric mucosa; an experimental study. Arch. Surg., 1932, 25: 395-403.—**Ramon, F., Borcesco, A., & Zizine, P.** El p_a gástrico. Rev. As. méd. mex., 1927, 6: 135-46.—**Sagal, Z., Marks, J. A., & Kantor, J. L.** The clinical significance of gastric acidity: a study of 6,679 cases with digestive symptoms. Tr. Am. Gastroenter. Ass., 1932, 35-55.—**Schwarz, H., & Taubenhaus, M.** Säurebindung und aktuelle Reaktion des Magensaftes. Klin. Wschr., 1932, 11: 1920.—**Summont, H., & Swyngedauw, J.** Etude statistique des acidités libre et latente des liquides gastriques. C. rend. Soc. biol., 1927, 97: 1485.—**Teorell, T.** Ueber den Zusammenhang zwischen dem Volumen und der Azidität des Magensaftes. Arch. ges. Physiol., 1932-33, 231: 140-2. — On the primary acidity of the gastric juice. J. Physiol., Lond., 1939-40, 97: 308-15.—**Vonk, H. J., & Mennega, A. M. W.** Das p_a-Optimum des Pepsins und der p_a des Mageninhales. Acta brev. neerl., 1938, 8: 27.
- **Acidity, deficient.**
See also Achlorhydria; Achylia gastrica; also subheadings of Gastric juice.
BLOOMFIELD, A. L., & POLLAND, W. S. Gastric anacidity; its relation to disease. 188p. 8° N. Y., 1933.
VEITH, H. *Quantitative Bestimmung der Acetylcholinwirkung auf die Magensekretion bei Subaciden und Anaciden. 25p. 21½cm. Bonn, 1935.
Bach, F. Die Therapie der Subazidität mit Paracotol. Münch. med. Wschr., 1936, 83: 696.—**Barbasch & Kottke.** Die Behandlung der Subazidität mit Degalol. Fortsch. Med., 1928, 46: 334.—**Bergmann, G. von.** Die Bedeutung der Anazidität des Magens und einer ausreichenden Substitutions-therapie. Deut. med. Wschr., 1933, 59: 44.—**Bloomfield, A. L., Roberts, A. M., & Polland, W. S.** The composition of the gastric secretion in cases of anacidity. Tr. Ass. Am. Physicians, 1928, 43: 242-51.—**Fiigel, A.** Bemerkungen zu der Arbeit von Vándorfy: Anazidität, Pseudoanazidität und Histaminreaktion. Arch. Verdauungskr., 1929, 45: 271.—**Hines, D. C.** The digestion of protein by patients with gastric anacidity. Am. J. M. Sc., 1933, 185: 684-95.—**Kirsner, J. B., Nutter, P. B., & Palmer, W. L.** Studies on anacidity; the hydrogen-ion concentration of the gastric secretion, the gastroscopic appearance of the gastric mucosa, and the presence of a gastric secretory depressant in patients with anacidity. J. Clin. Invest., 1940, 19: 619-25.—**Maley, O., & Velde, G.** Magenchemismus, gastroskopisches und röntgenologisches Bild in ihren wechselseitigen Beziehungen, besonders bei subaciden und anaciden Zuständen des Magens. Zschr. klin. Med., 1930, 114: 180-204.—**Rouse, M. O.** Gastric anacidity. Texas J. M., 1933, 28: 830-3.—**Sager, W. W., & Hartman, H. R.** A statistical study of the diagnostic value of hypoa-
cidity. Med. J. & Rec., 1926, 124: 136.—**Schindler, R., Nutter, P., & Palmer, W. L.** Anatomic foundation of anacidity, a gastroscopic study. Proc. Inst. M. Chicago, 1940-41, 13: 68.—**Streicher, M. H.** Gastric hypoa-
cidity. Southwest Texas M., 1934, 1: 12-4.—**Szemzö, G.** Sollen wir die Histaminprobe in der Diagnostik der Anaziditäten anwenden? Arch. Verdauungskr., 1933, 54: 16-33.—

Welin, G., & Frisk, A. R. The amount and acidity of gastric secretion in man and an interpretation of hypoacidity and achylia. *Acta med. scand.*, 1936, 90: 543-70.

Acidity: Disorders.

See also subheadings Acidity, deficient; Acidity, excessive; Secretion, deficient, &c.

KNÖRZER, H. *Der Sander'sche Aciditätsquotient des Harnes bei Subacidität und Superacidität des Magensaftes. 27p. 8°. Rost., 1934.

RÖTTGER, G. *Ueber Säurewerte des Magensaftes bei Dermatosen und Lupus vulgaris [Rostock] 24p. 8°. Essen, 1930.

SADUNISCHKER, H. *Die subjektiven Aeusserungen über saures Aufstossen bei den verschiedenen Aciditätsgraden des Magensaftes. 22p. 8°. Berl., 1918.

SCHLARB, W. [H. J.] *Magensäurewerte beim Gesunden und bei Blutkrankheiten. 31p. 21cm. Frankf., 1938.

Alatorre y Padilla, C. Casos clínicos observados. *Mem. Convent med. mil. mex.*, 1936, 277-91.—Green, M. F., & Kunde, M. M. The acidity of the gastric contents of normal cretin, and hyperthyroid rabbits. *Am. J. Physiol.*, 1930, 95: 626-9.—Hottinger, R. As consecuencias e a terapeutica da acidez anormal do estomago. *Ann. paul. med. cir.*, 1928, 19: 106-9.—Kovalev, N. I. [Acidity of gastric contents in the etiology of gastro-intestinal diseases in the Red army] *Voen. med. J.*, Moskva, 1931, 2: 77-86.—Lueders, C. W., & Scherer, L. R. Gastric acidity in relation to biliary tract disease; a report of 100 cases. *Am. J. Surg.*, 1931, n. ser., 11: 280-5.—Napier, L. E., Chaudhuri, R. N., & Rai Chaudhuri, M. N. Gastric acidity in health and disease in India. *Ind. M. Gaz.*, 1938, 73: 65-73.—Sterling-Okuniewski, S. [Treatment of hyper- and hypoacidity] *Lek. wojsk.*, 1934, 23: 513-30.—Surmont, H., & Swyngedauw, J. Variations de l'acidité libre et de l'acidité latente des liquides gastriques: leur signification pathologique. *Bull. Soc. chim. biol.*, Par., 1928, 10: 450-5.—Vanzant, F. R., Alvarez, W. C. [et al.] Changes in gastric acidity in peptic ulcer, cholecystitis and other diseases; analyzed with the help of a new and accurate technic. *Arch. Int. M.*, 1933, 52: 616-31. Also repr.

Acidity: Examination.

See also Gastric juice, Examination.

LÖSER, A. *Ueber Aziditätskurven und tatsächliche Magensaftsekretion [Leipzig] 36p. 8°. Zeulenroda, 1932.

LOTTGERING, A. B. *Vergelijkende onderzoekingen over den zuurgraad van het maagsap [Comparative examination on the acid content of the gastric juice] 74p. 8°. Amst., 1933.

Acid (The) test. S. Thomas Hosp. Gaz., Lond., 1935, 35: 54-7.—Allodi, A., & Quaglia, F. A proposito di un nuovo metodo per il dosaggio dell'acidità gastrica. *Gior. Accad. med. Torino*, 1933, 96: pt. 2, 156-67.—Bartke, H., & Malgoyre, Sur les variations de l'acidité du suc gastrique in vitro. *J. méd. Bordeaux*, 1920, 50: 63.—Benedict, A. L. The effervescence test for gastric acidity. *N. York M. J.*, 1911, 93: 466-8. Also repr.—Collins, D. C. A more accurate indicator in determining the total acidity in quantitative gastric analyses. *Med. Rec.*, N. Y., 1936, 144: 183.—Doctor, K. [On the useful practice of the quantitative estimation of the acidity of the stomach contents] *Budapesti orv. ujs.*, 1910, 8: 919-21.—Dworzan, M., & Schierge, M. Die intraventriculäre Bestimmung der Magensäure auf elektrochemischem Wege. *Zschr. ges. exp. Med.*, 1929, 65: 466-72.—Engelberg, J. Um novo método para pesquisa do ácido gástrico. *Gaz. clin.*, S. Paulo, 1939, 37: 447.—Enocksson, B., & Karlson, S. The p_H determination in fractional examination of the stomach contents after addition of HCl, special consideration being given to conditions in cases of achlorhydria. *Acta med. scand.*, 1936, Suppl. 73, 386-93.—Erben, F. Die Aziditätsverhältnisse des Mageninhaltes und ihre Bestimmung für die Klinik. *Wien. Arch. inn. Med.*, 1930, 20: 353-74.—Eyerly, J. B., & Breuhaus, H. C. A method of measuring acidity and protein digestion within the human stomach. *Am. J. Digest. Dis.*, 1939-40, 6: 187-91.—Fleury, P., & Ambert, P. Sur une cause d'erreur dans l'application de la méthode de Hehner au dosage des acides organiques dans le suc gastrique. *C. rend. Soc. biol.*, 1928, 98: 503.—Flexner, J., & Kniazuk, M. A method for the continuous recording of gastric p_H in situ; experimental details. *Am. J. Digest. Dis.*, 1940, 7: 138-40.—Fretheim, B. [Investigation on gastric acidity, determined by fractional regurgitation of Kyle's test meal] *Norsk. mag. laegevid.*, 1938, 99: 487-94.—Gray, I., & Matzner, M. J. Experiences with the combined test for gastric acidity. *Tr. Am. Gastroenter. Ass.* (1930) 1931, 33: 147-50.—Gurriaran, G. L'épreuve acide en gastropathologie. *Arch. mal. app. digest.*, Par., 1934, 24:

1026-51.—Halla, F. Einfache Verfahren zur Schätzung der Säureverhältnisse des Magensaftes ohne Ausheberung. *Münch. med. Wschr.*, 1936, 83: 403.—Heilmeyer, L., & Graubner, W. Die Bedeutung der Titration des Mageninhalts mit zwei Indicatoren nach pufferfreiem Prohefrührstück. *Klin. Wschr.*, 1927, 6: 1035-7.—Hori, M. On the error of the titrated total acidity of the human gastric juice. *Jap. J. Gastroenter.*, 1933, 5: 13-8.—Hubbard, R. S. The alkaline tide as a method of studying gastric acidity. *Arch. Int. M.*, 1930, 46: 994-1001. Also repr.—& Allen, E. G. Simultaneous determinations of gastric acidity and the alkaline tide in urine. *Clifton M. Bull.*, 1929-30, 15: 139-46.—Jakubovich, Z. A. [New methods for determination of acidity of gastric juice] *Vrach. gaz.*, 1925, 29: 409-11.—Kahn, G., & Stokes, J., Jr. The comparison of the electrometric and colorimetric methods for determination of the p_H of gastric contents. *J. Biol. Chem.*, 1926, 69: 75-84.—Kiss, L. [p_H of the gastric content, and its electrometric measurement] *Magy. orv. arch.*, 1933, 34: 145-52.—Klotz, A. Einfache Verfahren der Schätzung der Säureverhältnisse des Magens ohne Ausheberung. *Münch. med. Wschr.*, 1936, 83: 1316.—László, T., & Kemény, I. [Determination of gastric acidity with Optacid] *Orv. hetil.*, 1936, 80: 244-7.—Leifer, F. Zur Technik der Magensäurebestimmung. *Med. Klin.*, Berl., 1935, 31: 1428-30.—Levy, J. S. The value of a neutralization test of gastric acidity in patients with duodenal ulcers and so-called pylorospasm. *Ann. Int. M.*, 1934, 7: 1244-62.—Lickint, F. Vergleichende Aciditätsbestimmungen nach Semmelteefrühstück und der fraktionierten Ausheberung des Magens (Verweilsonde) *Klin. Wschr.*, 1929, 8: 1453.—Lipp, J. Einfache Verfahren zur Schätzung der Säureverhältnisse des Magensaftes ohne Ausheberung. *Münch. med. Wschr.*, 1936, 83: 188; 1317.—Lokshin, I. Y. [Determination of the importance of the degree of acidity of the gastric juice] *Voen. med. J.*, Moskva, 1931, 2: 169-73.—Matulionis, B. [Active acidity of the gastric juice, its importance and methods of exploration] *Medicina*, Kaunas, 1936, 17: 255-73.—Matzner, M. J., & Gray, I. A critique of present methods for the study of gastric acidity. *Arch. Int. M.*, 1931, 47: 58-63. Also repr.—& Greenfield, H. A test for gastric acidity; the combined test. *Ibid.*, 421-3. Also repr.—Phillips, K. Studies on the neutralization test of gastric acidity in relation to general disease. *Am. J. Digest. Dis.*, 1937-38, 4: 87-91.—Pron, L. Les acides de fermentation dans les liquides gastriques de jeune, en l'absence de résidus alimentaires. *Bull. Soc. méd. Paris*, 1937, 851-4.—Richardson, G. M. The differential titration of mixed strong and weak acids; a method for free HCl in gastric contents, etc. *Proc. R. Soc., Lond.*, 1934, 115: ser. B, 170-80.—Rolph, F. W. Tropæolin as an indicator for gastric acidity. *N. York M. J.*, 1914, 100: 772-4.—Scheinman, R. [Testing the acidity of the gastric juice in infants] *Klin. med.*, Moskva, 1928, 6: 81-90.—Sëukarev, K. A. Elektrometrische Titrierung des Magensaftes als Methode der Bestimmung seines Pufferungsgrades. *Biochem. Zschr.*, 1927, 180: 117-26.—Silverman, D. N., & Dennis, W. Further studies on gastric acidity by authors' method. *South. M. J.*, 1926, 19: 100.—Skvirsky, P. V. [New methods for determination of acidity of gastric contents] *Vrach. gaz.*, 1925, 29: 483-7.—Taterka, H., & Dinkin, L. Beiträge zur Magenfunktionsprüfung; Registrierung der Aciditätsschwankungen im Mageninnern auf elektrochemischem Wege ohne Ausheberung. *Klin. Wschr.*, 1932, 11: 508.—Torres López, A. J. La investigación del p_H del jugo gástrico como medio diagnóstico de las enfermedades del aparato digestivo. *Med. ibera*, 1930, 14: pt. 2, 169-75.—Weinberg, F. Einige Bemerkungen zu der Arbeit von Dr. Friedrich Seidl: Soll die quantitative Aciditätsbestimmung im filtrierten oder im unfiltrierten Mageninhalt vorgenommen werden? *Arch. Verdauungskr.*, 1915, 21: 315-8.—Zorzi, P. La misura del p_H gastrico con il bleu di timolo. *Gior. med. Alto Adige*, 1930, 2: 150-63.—Zwonitzky, N., & Issaev, W. Die relative und absolute Azidität des Mageninhalts und der Aziditätskoeffizient des Magensaftes. *Arch. Verdauungskr.*, 1928, 44: 106-13.

Acidity, excessive.

See also Peptic ulcer; Stomach, Inflammation; Stomach, Uleer.

CLAUSNIZER, A. H. *Zur Kenntnis der Superacidität und Supersekretion. 21p. 8°. Bornalpz., 1907.

Apperly, F. L. Gastric acidity as a manifestation of extra-gastric disease. *South. M. J.*, 1938, 31: 671-5.—Bloomfield, A. L. The problem of gastric hyperacidity. *Am. J. Digest. Dis.*, 1939, 6: 700-2.—Lawaczek, H. Ueber primäre und sekundäre Hyperacidität des Magens (vorläufige Mitteilung) *Klin. Wschr.*, 1928, 7: 2194.—Lesnik, N. M. [Relation between the acid-base equilibrium and distribution of chloride in gastric ulcer and secretory disorders of the stomach with increased acidity of the gastric juice] *Tr. Acad. mil. méd. Kiroff*, 1936, 5: 161-71.—Lindsay, E. C., & Evans, W. Post-operative gastric acidity. *Lancet*, Lond., 1929, 1: 651-4.—Lino, G. Acidità gastrica e lesioni duodenali. *Riforma med.*, 1922, 38: 916.—Lüthje, H. Einige Bemerkungen zum Krankheitsbild der Hyperacidität. *Ther. Gegenwart*, 1913, 54: 3-8.—Marczewski, S. [La fonction sécrétoire de l'estomac et du pancréas au cours de l'hyperacidité digestive] *Lek. wojsk.*, 1931, 18: 301: 375.—Mints, S. G. [Chemism of the stomach; hyperacidity] *Russ. vrach*, 1915, 14: 319-23.—Porges, O.

Gastritis und Hyperacidität. P. verb. Congr. internat. gastroenter., 1935, 1. Congr., 663-5.—Rankin, R. M. A practical discussion of some of the views concerning hyperacidity, ulcer and gastric cancer. Am. J. Surg., 1912, 26: 403-7.—Rehfuß, M. E. Clinical lecture on hyperacidity. Med. Clin. N. America, 1928-29, 12: 941-51. — A study of hyperacidity. South. M. J., 1929, 22: 123-7. — The problem of gastric hyperacidity. Tr. Coll. Physicians Philadelphia, 1929, 51: 21-9.—Sartory, A., & Fabre, R. Contribution à l'étude de quelques sucs gastriques hyperacides. Bull. sc. pharm., Par., 1911, 18: 218-21.—Sellei, J. Durch Hyperacidität verursachtes Zungenbrennen. Deut. med. Wschr., 1928, 54: 1758.—Smith, M. Gastric hyperacidity: its recognition, cause and management. J. Florida M. Ass., 1928, 15: 135-9.—Solieri, S. Su la gastropatia iperacida di origine appendicolare. Riv. osp., 1913, 3: 425-8.—Weinert, B. [Cases of unusually high degree of acidity of the chyme in the stomach] Med. kron. lek., Warsz., 1912, 47: 195.

— Acidity, excessive: Treatment.

HILLE, L. *Ueber die Einwirkung von Gastrosil auf die Hyperacidität. 16p. 8°. Kiel, 1934.

JUSTMANN, L. *Einfluss der kochsalzarmen und kochsalzreichen Diät auf die Magensaftsekretion bei Hyperacidität. 45p. 8°. Strassb., 1912.

MACKE, A. *Ueber die Behandlung der Hyperacidität mit Argemum nitricum-Spülungen [Bonn] 50p. 8°. Lpz., 1907.

MAUSS, H. G. *Torantil und Magenazidität [Breslau] 45p. 21cm. Würzb., 1938.

Adams, W. L. A critical evaluation of gastric antacids. Arch. Int. M., 1939, 63: 1030-47.—Alloidi, A., & Quaglia, F. L'impiego degli estratti pancreatici in terapia antiacida. Minerva med., Tor., 1934, 25: pt 1, 191-5.—Becker, K. P. Pharmakologische Untersuchungen am menschlichen Magen; zur Alkalitherapie der Supersekretion und Superacidität. Deut. Arch. klin. Med., 1934-35, 177: 115-20.—Bondies, O. I., & Stillman, C. J. Control of gastric acidity. J. Am. Osteopath. Ass., 1935-36, 35: 462-4.—Bräklung, A. Klinische Erfahrungen mit Gastro-Sil-Heyden. Deut. med. Wschr., 1936, 62: 1644.—Burden, V. G. The surgical control of hyperacidity. Pennsylvania M. J., 1939-40, 43: 227-30.—Culmer, C. U., Atkinson, A. J., & Ivy, A. C. Hydrogen peroxide as a depressant of gastric acidity. Am. J. Digest. Dis., 1937-38, 4: 219-23.—Ehrmann, R. Die Behandlung von Hyperaciditätsbeschwerden. Fortsch. Ther., 1930, 6: 174-8.—Friedenwald, J., & Morrison, S. Use of gastric antacids. J. Am. M. Ass., 1937, 108: 879-85.—Glaessner, K. Eine neue Therapie der Hyperacidität des Magens, insbesondere bei ulzerösen Prozessen. Tr. Internat. Congr. M. (1913) 1914, Sect. VI, Med., pt 2, 439-46.—Goldstein, H. I. Antacid gastric therapy; the use of magnesium trisilicate, colloidal kaolin, and aluminum hydroxide. Med. Rec., N. Y., 1938, 148: 417-9. — The use of magnesium trisilicate, colloidal kaolin and aluminum hydroxide in antacid gastric therapy; historical notes on ulcer of the stomach and duodenum. J. Internat. Coll. Surgeons, 1939, 2: 379-408.—Hall, G. W. The treatment of gastric hyperacidity with hydrogen peroxide. Boston M. & S. J., 1911, 164: 846-8.—Henius, M. Zur Behandlung der Superaciditätsbeschwerden mit Gelonida stomachica. Deut. med. Wschr., 1926, 52: 1992.—Janson, P. Die biologische Behandlung der Hyperacidität. Hippokratès, Stuttg., 1935, 6: 865-7.—Jarotzky, A. I. [Should salt be given in hyperacidity to sick persons?] Mosk. med. J., 1926, 6: No. 12, 18-20.—Johnston, J. F. A., & Henderson, V. E. The administration of gastric antacids. Canad. M. Ass. J., 1931, 24: 77-9.—Jordan. Zur Behandlung der Hyperaciditätsbeschwerden mit dem Schaumkörper Otreon. Med. Klin., Berl., 1926, 22: 299.—Jung, A., & Rauch, H. Ueber die Bindungsfähigkeit für Salzsäure einiger zur Behandlung der Hyperacidität des Magensaftes empfohlener Medikamente. Praxis, Bern, 1936, 25: 744.—Kagan, S. R. Gastric hyperacidity and the new colloidal treatment. Clin. Med., 1926, 33: 716-23. Also repr.—Körösy, F. Remedy for regulating the degree of acidity of the gastric juice. U. S. Patent Off., 1937, No. 2,079,512.—Kreis, L. Kausale Radikalheilung der Hyperacidität durch konservative Behandlung. Wien. med. Wschr., 1931, 81: 140. — Curación radical y etiológica de la hiperacidéz por tratamiento médico conservativo. Guatemala méd., 1940, 5: No. 5, 19.—Kucikowna, Z., & Olszewski, K. [Investigations on the effect of extract of the posterior lobe of the pituitary gland on the chemistry of the stomach in hyperacidity and gastro-duodenal ulcers] Polskie arch. med. wewn., 1934, 12: 120-34.—Lavit, B. [Treatment of hyperacidity with Essentuki mineral water No. 17] Vrach. gaz., 1928, 32: 489-94.—Loevenhart, A. S., & Crandall, L. A. Calcium carbonate in treatment of gastric hyperacidity syndrome, and in gastric and duodenal ulcer. J. Am. M. Ass., 1927, 88: 1557-9.—Loew, M. Zur Therapie der Peracidität des Magensaftes. Fortsch. Med., 1927, 45: 100.—Mahler, P. Vergleichende Studien über Antacida. Med. Klin., Berl., 1934, 30: 1520; 1550.—Merklen, P., Schwartz, A. [et al.] Considérations sur la genèse de l'hyperchlorhydrie; son traitement par l'association médicamenteuse de pantopon, de papavérine et d'atrinale. Nutrition, Par., 1936, 6: 387-97.—Meyer, W. Klinische

Erfahrungen über ausgedehnte Verwendung von Gastro-Sil. Deut. med. Wschr., 1936, 62: 310.—Paulsen, E., & Sternberg, T. Wahl und Wertbestimmung antazider Mittel. Wien. med. Wschr., 1927, 77: 137.—Reid, C. G. The control of gastric hyperacidity by magnesium trisilicate. Am. J. Digest. Dis., 1939-40, 6: 267-70.—Roubitschek, R. Zur medikamentösen Therapie der Hyperacidität. Deut. med. Wschr., 1911, 37: 874.—Salitowna, E., & Perelman, C. [Use of Alucol in treatment of affections of the stomach with normal and hyperacid states] Polska gaz. lek., 1939, 18: 147-9.—Schellong. Ueber den günstigen Einfluss kombinierter kleiner Alkali-Belladonnagaben auf Aziditätskurve und Aziditätsbeschwerden. Münch. med. Wschr., 1927, 74: 1127.—Schlesinger, J. Ueber die Behandlung der Hyperaciditätszustände des Magens mit Neutralon. Ibid., 1911, 58: 2163.—Schüler, H. Gastro-Sil-B, ein gleichzeitig kausal und symptomatisch wirkendes neues Hyperaciditätsmittel. Med. Welt, 1938, 12: 1875.—Schwandt, E. Erfahrungen mit dem gleichzeitig kausal und symptomatisch wirkenden Gastro-Sil B bei Hyperacidität und Ulcus. Ibid., 1939, 13: 1439.—Seckbach, H., & Beeinflussung des hyperaziden Magensaftes durch neutralisierende Substanzen. Deut. med. Wschr., 1926, 52: 233.—Sell, A. R. Therapeutische Erfahrungen mit Gastro-Sil bei Superacidität und Ulcus ventriculi. Med. Welt, 1938, 12: 55.—Siegel, R. Zur medikamentösen Therapie der Aziditätsbeschwerden. Deut. med. Wschr., 1929, 55: 1170.—Steinitz, Z., & Sternfeld, M. Zur Fettbehandlung der Hyperacidität; Untersuchungen mit der Verweilschleife. Arch. Verdauungskr., 1926, 39: 50-62.—Thalmann. Trinkwasser bei erhöhter Magensäure. Münch. med. Wschr., 1931, 78: 2048.—Vollmer, H. Untersuchungen zur Bewertung neutralisierender und adsorbierender Präparate. Fortsch. Ther., 1933, 9: 91-7.—Weigert, L. Einige Bemerkungen zur Alkalitherapie der Superacidität und des Magengeschwürs. Deut. med. Wschr., 1926, 52: 401.—Wiesenthal. Unsere Erfahrungen mit Gelonida stomachica. Münch. med. Wschr., 1928, 75: 1207.—Winteritz, H. Zur medikamentösen Therapie der Hyperacidität, insbesondere über die Anwendung des Wasserstoffsuperoxyds. Deut. med. Wschr., 1911, 37: 1390.

— Acidity: Regulation.

See subheading Secretion: Regulation.

— Acidity: Variation.

See subheadings Secretion: Regulation; Secretion: Variation.

— Bactericidal power.

CARTSBURG, W. [K. W. E.] *Ueber die Auto-desinfektion des Magens und ihre Beeinflussung. 20p. 8°. Greifsw., 1934.

PANDIS, J. *Zur Frage der Wirkung des Magensaftes auf Bakterien [Rostock] 52p. 8°. Gütersloh [1935]

Albertoni, L. L'azione del succo gastrico su alcuni germi studiata con l'aiuto del piccolo stomaco alla Pavlov; osservazioni istologiche sulla mucosa di questo a grandistanza di tempo. Boll. Soc. med. chir., Pavia, 1927, n. ser., 2: 223-45.—Brings, L. Ein Beitrag zur Erklärung der Keimarmut des normalen Mageninhaltes. Wien. med. Wschr., 1927, 77: 867-9.—Gregersen, J. P. [Antiseptic effect of gastric juice] Hospitalstidende, 1915, 5. R., 8: 849-62.—Hanszen, A. The bactericidal power of the stomach and some factors which influence it. Am. J. Digest. Dis., 1934-35, 1: 725-7.—Jarno, L., & Surányi, L. Die Galle und die Bakterizidie des Magensaftes. Med. Welt, 1928, 2: 1299.—Jaure, G. G., & Busurina, V. S. [Bactericide power of the gastric juice] Vest. khir., 1930, 20: 83-7; 1932, 26: 82-5, 7 pl.—Johnson, T. M., & Arnold, L. Has the free gastric acidity bactericidal or bacteriostatic power? Proc. Soc. Exp. Biol., N. Y., 1932, 29: 501-3.—Klinge, A. Ueber die bakterizide Funktion des Magens. Arch. Verdauungskr., 1930, 47: 393-401.—Löwenberg, W. Ueber bactericide Wirkung des salzsäurefreien Magensaftes. Klin. Wschr., 1926, 5: 1868-70.—Nedzel, A. J., & Arnold, L. Influence of gastric acidity upon viability of bacteria in isolated stomach. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 490-501.—Putkonen, T. Experimentelle Untersuchungen über die bakterizide Wirkung des Magensaftes. Acta Soc. med. Duodecim, 1928, 9: fasc. 3, No. 4, 1-41.—Sebastianelli, A. Il comportamento del potere battericida del succo gastrico in soggetti achilici, ipo-, normo- ed iperacidi. Arch. ital. mal. app. diger., 1938, 7: 316-22. — Sulle cause della sterilità del contenuto gastrico. Minerva med., Tor., 1938, 29: 229-32. — Sul potere battericida del succo gastrico; rapporti fra acidità e potere battericida del succo gastrico. Policlinico, 1937, 44: sez. prat., 1593-602. — Reperto culturale e potere battericida del succo gastrico nelle gastriti e nelle gastroduodeniti. Ibid., 1938, 45: sez. prat., 53-6.

— Bacteriology.

LOSSEF, S. *Die Bedeutung der bakteriologischen Untersuchung von Magen- und Duodenalsaft. 29p. 21cm. Zür., 1936.

Armand-Delille, P. F. A propos de la communication de MM. Koganas et Nakanas sur la recherche du bacille dans le

contenu gastrique par le procédé de la goutte épaisse. Rev. tuberc., Par., 1939, 5, ser., 5: 427.—**Brinck, J.** Das Vorkommen von Bakterien der Coli-Aerogenes-Gruppe im Mageninhalt bei erhaltener Säureproduktion. Zschr. klin. Med., 1933, 123: 380-9.—**Fowler, C. C., Levine, M., & More, S. B.** A chemical and bacteriological study of some nonpathological gastric residuums. Science, 1926, n. ser., 44: 218.—**Hood, M., & Arnold, L.** The relation between the acid-base equilibrium and the gastric bacterial flora. Am. J. Digest. Dis., 1937-38, 4: 95-9.—**Kapp, H.** Untersuchungen über die Bedeutung der Bakterienflora des Magens. Arch. Verdauungskr., 1937, 61: 113-23.—**Khaskina-Munder, G. N.** [Bacteriology of the stomach contents in children on an empty stomach] Pediatría, Moskva, 1937, No. 4, 8-13.—**Pochon, J.** Sur une bactérie cellulolytique isolée de la panse des ruminants. C. rend. Soc. biol., 1933, 113: 1323-5. — Influence du milieu de culture sur les propriétés biologiques d'une bactérie cellulolytique de la panse du bœuf. C. rend. Acad. sc., 1934, 198: 1808-10.—**Seifert, E.** Los microbios del estómago humano y su importancia quirúrgica. Rev. méd. germ. íber. amer., 1936, 9: 447-52.—**Stiehm, R. H.** Tubercle bacilli in the gastric contents; an important diagnostic and prognostic finding. Am. J. M. Sc., 1937, 194: 340-4.—**Tucci, F. C., & Gómez, J. B.** Baciloscopia de los esputos y del contenido gástrico; aplicación del método de la gota gruesa. Sem. méd., B. Air., 1940, 47: pt 1, 393-7.

Chemistry.

See also subheading Examination.

RIVEROS SEPULVEDA, M. *Acción del jugo gástrico sobre los fermentos lácticos [Chile] 63p. 26½cm. Santiago, 1938.

RUMP, P. W. E. *Ueber den Nachweis und die diagnostische Bedeutung der Oelsäure im Mageninhalt. 20p. 8° Gött., 1911.

SCHÄTTER, E. *Beitrag zur Kenntnis der Ionenzusammensetzung des Mageninhalts. 13p. 8° Freib. i. B. [1930]

SCHNEIDER, G. *Die Quellung einiger Vegetabilien und ihre Salzsäureabsorption in Magensaft [Berlin] 16p. 8° Lpz., 1931.

Also Zschr. Ernährung, 1931, 2:

STÖBER, K. *Nachweis von Gruppensubstanzen in Magensaft und Magensaftflecken [Breslau] 23p. 8° Ohlau, 1934.

Barillas, P. A. Valor clínico actual del quimismo gástrico. Vida nueva, Habana, 1934, 34: 245-62. Also An. Acad. cienc. méd. Habana, 1935, 71: 33-56.—**Bloch, E., & Necheles, H.** The occurrence of acetylcholine in gastric juice. Am. J. Physiol., 1938, 122: 631-8.—**Boas, J.** Ueber das Vorkommen von Schwefelwasserstoff im Magen. In Ges. Beitr. Physiol. (1886-1906) 1906, 1: 422-34.—**Bramkamp, R. G.** The effect of gastric juice on carbohydrate decomposition by yeast. California West. M., 1927, 26: 196.—**Brown, C. L., & Smith, R. G.** An histamine-like substance in the gastric juice. Am. J. Physiol., 1935, 113: 455-63.—**Calabresi, C.** Su qualche attributo chimico-fisico del succo gastrico puro (da istamina). Rass. ter. pat. clin., 1935, 7: 625-55.—**Carteni, A., & Morelli, A.** Azione del succo gastrico, del succo duodenale e della bile sull'acido ascorbico. Boll. Soc. ital. biol. sper., 1935, 10: 327-9.—**Chatagnon, C.** Le brome dans le suc gastrique. C. rend. Acad. sc., 1936, 203: 1293. Also Presse méd., 1937, 45: 659-61.—**Close, K. M.** Total base in gastric contents and gastric secretion. Proc. Mayo Clin., 1928, 3: 178-80. Also Ann. Int. M., 1928-29, 2: 1185-93.—**Davenport, H. W.** The secretion of bromide ions by the gastric mucosa. Am. J. Physiol., 1940, 129: 344.—**Delhougne, F.** Ueber den Gehalt des Magensaftes an phosphorhaltigen Substanzen. Deut. Arch. klin. Med., 1931, 170: 609-13. — Ueber Magensaftkolloide und ihre Bestimmung nach der Goldzahlmethode. Arch. exp. Path., Berl., 1933-34, 174: 92-5.—**Demole, M., & Issler, A.** La teneur en vitamine C du suc gastrique. C. rend. Soc. biol., 1939, 130: 1225.—**Diehl, F.** Ueber den Restkohlenstoff und einige kohlenstoffhaltige Substanzen des entleerten Magensaftes. Deut. Arch. klin. Med., 1936, 179: 86-93.—**Du Bois, A. H.** Recherches sur la présence et le taux du glutathion dans le suc gastrique. Helvet. med. acta, 1937, 4: 779.—**Fleischer, F.** Die chemische Untersuchung des Mageninhalts. Zschr. ärztl. Fortbild., 1930, 27: 7-11.—**Gamble, J. L., & McIver, M. A.** Fixed base in gastric juice. Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 439-43.—**Gebhardt, F., & Klein, J.** Ueber Acetylcholin und Magensaft. Klin. Wschr., 1933, 12: 535-8.—**Gechman, G. J.** [Correlation between the saliva and chemical properties of the gastric juice] Klin. med., Moskva, 1929, 7: 558-62.—**Haberland, H. F. O.** Die Veränderungen des ausgeheberten Mageninhalts. Arch. Verdauungskr., 1938, 63: 11-3.—**Hoesch, K.** Beiträge zur Magenfunktion: über die Phosphate im reinen Magensaft. Deut. Arch. klin. Med., 1929, 165: 201-12.—**Ingraham, R. C., & Visscher, M. B.** Inverse concentration ratios for sodium and potassium in gastric juice and blood plasma. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 464-6.—**Karczag, L.** Ueber die natürlichen Farbstoffe des Mageninhalts beim nüchternen Menschen.

Deut. med. Wschr., 1936, 62: 969.—**Katsch, G., Baltzer, F., & Brinck, J.** Die anorganischen Substanzen des Magensaftes und ihre Beziehungen zueinander. Arch. Verdauungskr., 1934, 56: 1-34, ch.—**Kirsner, J. B., & Bryant, J. E.** The calcium content of gastric juice. Am. J. Digest. Dis., 1939, 6: 704-6.—**Komarov, S. A.** Presence of vitamin B₁ in the gastric juice. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 398-400.—**Korányi, A., & Szenes, T.** [Kalkkrein in the gastric juice] Orv. hetil., 1939, 83: 879-81.—**Krause, G.** Ueber reduzierende Substanzen im Magensaft. Deut. Arch. klin. Med., 1935-36, 178: 555-8.—**Loman, J., Rinkel, M., & Myerson, A.** The effect of iontophoresis on the gastric juices with special reference to acetyl-beta-methyl choline chloride (meholy) Am. J. Digest. Dis., 1937-38, 4: 386-90.—**Mahler, P.** Beiträge zur Chemie des menschlichen Magensaftes. Wien. Arch. inn. Med., 1929-30, 19: 413-50.—**Manceau, P. A. E. A. E.** Revue documentaire; le chimisme gastrique. Arch. méd. pharm. mil., 1929, 90: 491-517.—**Montefredine, A. M.** Azione solvente del succo gastrico sul solfato tricalcico. Arch. farm. sper., 1931-32, 53: 192-300.—**Parsons, L. G., Hill, N. G.** [et al.] Discussion on various aspects of gastric chemistry. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Med., 37-44.—**Peters, C. A., & Martin, H. E.** Ascorbic acid in gastric juice. Proc. Soc. Exp. Biol., N. Y., 1937-38, 36: 76-8.—**Polonovski, M., & Swynge-dauw, J.** Sur le pouvoir tampon des liquides gastriques. C. rend. Soc. biol., 1927, 97: 1486-9. Also Bull. Soc. chim. biol., Par., 1928, 10: 443-9.—**Rubel, V. M., Fried, A. I., & Solodovnik, T. B.** A contribution to the glycolytic capacity of the digestive juices. Biull. eksp. biol. med., 1939, 8: 366; 490.—**Serono, C., & Di Montezemolo, R.** L'azione del succo gastrico sui fermenti lattici. Rass. clin. ter., 1927, 26: 1-7.—**Smotrov, V. N., & Vasiliev, A. S.** [Concentration of calcium and potassium in gastric juice and blood] Ter. arkh., 1936, 14: 239-41.—**Wijnhausen, O. J., & Lubbers, H. A.** De waarde van het onderzoek van den inhoud van de nuchtere maag op amylum. Ned. tschr. geneesk., 1918, 2: 1096-2.

Chloride.

See also subheading Hydrochloric acid.

KASTEN, P. [O. K.] *Die Bedeutung der Neutralchloride im Mageninhalt für die Erkennung krankhafter Veränderungen der Magenschleimhaut. 19p. 23cm. Greifswald, 1935.

STAFFELD, H. [T. M.] *Die Rolle der Chloride und formeltrahablen Substanzen im Magenchemismus. 28p. 8° Greifswald, 1934.

Albéniz, P. de. Determinación del cloro en el contenido gástrico. Siglo méd., 1931, 87: 31.—**Allodi, A., & Cerati, M.** Il contenuto in cloro del succo gastrico da sonda. Arch. sc. med., Tor., 1936, 62: 347-92.—**Berkesy, L.** [Total and combined chlorides of gastric juice] Orv. hetil., 1935, 79: 183. Also Deut. Arch. klin. Med., 1936, 179: 99-105.—**Brunschwig, A., & Schmitz, R. L.** Rapidity of passage of chloride ion from blood into gastric juice of stimulated stomach. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 438-41.—**Delrue, G., & Van Damme, J.** Variations de la teneur en chlore du suc gastrique. C. rend. Soc. biol., 1934, 117: 488-90.—**Dienst, C.** Ueber die Chloride im reinen Magensaft. Zschr. klin. Med., 1931, 117: 602-6.—**Enescu, I., & Brănisteanu, G.** [Gastric chlorides in normal and pathological states in man] Rev. st. med., Bucur., 1932, 21: 385-415.—**Gilman, A., & Cowgill, G. R.** Osmotic relations of blood and glandular secretions; the regulatory action of total blood electrolytes on the concentration of gastric chlorides. Am. J. Physiol., 1931, 99: 172-8.—**Gorham, F. D., Stroud, C. M., & Huffman, M.** Total chloride concentration and acidity of the gastric contents; a comparative study. Arch. Int. M., 1928, 42: 106-16.—**Gupta, S. P.** On a simple method of chloride estimation and its value in fractional test meal work. J. Ind. M. Ass., 1934-35, 4: 186-8.—**Hansman, F. S., Day, E. M., & Clifton, R.** Gastric chlorides, their origin and significance. Med. J. Australia, 1927, 2: 6-13.—**Hollander, F.** Studies in gastric secretion; variations in the chlorine content of gastric juice and their significance. J. Biol. Chem., 1932, 97: 585-604.—**Jürgens, R.** Zur Frage der Chloridsekretion des Magens. Klin. Wschr., 1934, 13: 253.—**Katsch, G., & Baltzer, F.** Doch Chloridsekretion des Magens. Ibid., 596.—**Kin, S.** Ueber die Funktion der Chlorausscheidung im Magen. Keijo J. M., 1933, 4: 41-52.—**Lewin, A. E., & Makarevič, O. B.** Ueber vereinfachte Bestimmung des Chloridindex. Arch. Verdauungskr., 1935, 57: 263-8.—**Miller, S., & Smith, F. B.** The chlorides of gastric contents in relation to free acidity. Lancet, Lond., 1927, 1: 593-5.—**Mínquez Delgado, I.** Estudios de fisiopatología del estómago; comportamiento del cloro gástrico. Arch. med., Madr., 1931, 34: 507; 529; 553.—**Mirkin, A. J., Mogilewsky, E. R., & Rabinowitsch, D. B.** Die Bestimmung der Magenchloride als Forschungsmethode für die funktionelle Tätigkeit desselben. Arch. Verdauungskr., 1927, 40: 393-405.—**Mogena, H. G., & López Fernández, A.** Significación clínica de los cloruros del jugo gástrico. Arch. med., Madr., 1928, 29: 549-56. Also Rev. méd. Barcelona, 1928, 9: 478-87.—**Raquet, D., & Paget, M.** Dosage du chlore total et du chlore faiblement combiné contenus dans le suc gastrique. J. pharm. chim., Par., 1928, 8, ser., 7: 489-92.—**Rudd, G. V.** Observations on the acidity and chloride content of the gastric juice. Brit. J. Exp. Path., 1929-30, 11: 240;

1931, 12: 226.—Steinitz, H. Die Chlorabscheidung des menschlichen Magens in ihren Beziehungen zu pathologischen Vorgängen. Arch. Verdauungskr., 1928, 42: 57-104.—Wilhelmj, C. M., Henrich, L. C. [et al.] The chloride concentration of the secretion from fundic pouches and from the intact whole stomach. Am. J. Physiol., 1934, 108: 197-202.

Composition.

Delhougne, F. Zur Verteilung von Salzsäure und Fermenten im Mageninhalt. Deut. Arch. klin. Med., 1928, 160: 267-70.—Hawksley, J. C. A note on the occurrence of pieces of sloughed gastric mucous membrane in aspirated gastric juice. J. Path. Bact., Lond., 1939, 49: 585-7, pl.—Hollander, F. The composition of pure gastric juice. Am. J. Digest. Dis., 1934, 1: 319; 1936, 3: 651. Also Tr. Am. Gastroenter. Ass., 1936, 39. meet., 35-9.—Hubbard, R. S. Average values in gastric analysis. Clifton M. Bull., 1927-28, 13: 22-7.—Noponen, P. Beiträge zur Kenntnis der verschiedenen Bestandteile des Magensaftes. Acta med. scand., 1934, Suppl. 59, 386-94.—Rudd, G. V. Studies in the composition of the gastric juice. Med. J. Australia, 1934, 1: 455-63.—Scheffel, I. N. Ueber die Bedeutung von Blutbeimengungen des Mageninhalt bei der Untersuchung mit dünner Sonde. Klin. Wschr., 1928, 7: 1557-9.

Cytology.

Edlich [E. H.] R. *Zur Zytodiagnostik des nüchternen Mageninhalt, insbesondere über das Vorkommen von eosinophilen Zellen. 16p. 8°. Halle, 1933.

Hartwig, H. [H. K.] *Der Zellgehalt des Magensaftes als Ausdruck morphologischer Veränderungen der Magenschleimhaut. 24p. 23cm. Greifswald, 1935.

Mund, E. *Ueber den Zellgehalt des Magensaftes [Berlin] 16p. 8°. Lipstadt, 1933.

Patzig, R. *Ueber die cytologische Untersuchung des Magen- und Duodenalsaftes bei entzündlichen Erkrankungen des Magens beziehungsweise der Gallenwege mittels kolloidaler Farbstofflösung [Frankfurt] 24p. 21cm. Ochsenf. a. M., 1938.

Sittler, P. *Cytodiagnostik der Magenkrankheiten [Strassburg] 27p. 8°. Colmar, 1914.

Stavenhagen, F. [L.] *Leukozytenbefund im Magensaft bei verschiedenen Magenkrankungen [Leipzig] 23p. 8°. Hamb., 1932.

Wittmann, H. *Ueber das qualitative Zellbild des Magensaftes bei Gesunden und Kranken [München] 24p. 21cm. Bayreuth, 1937.

Broager, B. On cell counts in the stomach juice. Acta med. scand., 1940, 103: 473-81.—Hauth, W. Die Darstellung unverdauter Zellen aus dem Magensaft. Deut. Arch. klin. Med., 1938-39, 183: 363-71.—Henning, N., & Norpoth, L. Experimentelle Untersuchungen über das mikroskopische Bild des eingetrockneten Magensaftes. Arch. Verdauungskr., 1934, 55: 35-41.—Kassandrov, N. [Diagnostic significance of eosinophil cells in gastric juice] Mosk. med. J., 1927, 7: No. 9, 8.—Loeper, M., & Binet, M. E. Cyto-diagnostic des affections de l'estomac. Bull. Soc. méd. hôp. Paris, 1911, 3, ser., 31: 563-74.—Mahlo, A. Qué posibilidades de diagnóstico ofrece la investigación microscópica del muco gástrico. Rev. méd. germ. ibér. amer., 1937, 10: 354-61.—Moutier, F. Cyto-diagnostic du suc gastrique et gastroscopie. Arch. mal. app. digest., Par., 1934, 24: 1099-102.—Robitschek, W. Ein seltener mikroskopischer Befund im ausgeheberten Mageninhalt. Wien. klin. Wschr., 1922, 35: 35-7.—Rosin, H., & Böttcher, P. G. Ergebnisse der Untersuchung des nüchternen Magensaftes im Dunkelfeld mit besonderer Berücksichtigung der Karzinoms. Arch. Verdauungskr., 1928, 43: 349-56, 2 pl.—Szauder, B. Ueber die differentialdiagnostische Bedeutung des qualitativen Zellenbildes im Mageninhalt. Ibid., 1937, 62: 37-41.—Vogels, C. Die Bewertung der Zellbestandteile (Cytodiagnostik) im ausgeheberten nach Alkoholproben-trunk bei Magen- und Duodenalerkrankungen; die Oxydase-reaktion als diagnostisches Hilfsmittel. Deut. Zschr. Chir., 1933, 240: 601-13.—Westermann, H. H. Der Zell- und Leukozytengehalt des Magensaftes vor und nach Magenoperationen. Arch. klin. Chir., 1937, 188: 710-8.—Westphal, K., & Kuckuck, W. Der Reizmagens; der Zell- und Leukozytengehalt des Magensaftes unter normalen und pathologischen Bedingungen. Zschr. klin. Med., 1933, 124: 616-52.

Enzymes.

Abderhalden, R. Vergleichende Versuche über das Verhalten von Pepsin-Salzsäure beziehungsweise Magensaft, Trypsin und Erepsin und den Einfluss des entsprechenden p_{H} -Bereiches ohne Fermentzusatz gegenüber Pyrrolidonsäure und Pyrrolidonsäureamid. Fermentforschung, 1936-37, 15:

352-9.—Carpi, U. La ricerca dei fermenti pancreatici nel contenuto gastrico. Gazz. med. ital., 1910, 61: 73.—Davenport, H. W. Gastric carbonic anhydrase. J. Physiol., Lond., 1939-40, 97: 32-43.—Georgievsky, S. I., & Andreev, S. V. [Changes in the ferments of the gastric juice in relation to the variety of food] J. eksp. biol., 1930, 14: 51-8.—Gözozy, L., & Hoffenreich, F. [New research on gastric lipase and pepsin] Orv. hetil., 1929, 72: 257.—Helmer, O. M., Fouts, P. J., & Zerfas, L. G. The relation of p_{H} to the pepsin and rennin content of the gastric juice. Am. J. Digest. Dis., 1934-35, 1: 120-3.—Holter, H., & Andersen, B. Vergleich der Pepsin- und Labaktivität verschiedener Magensekrete. Biochem. Zschr., 1934, 269: 285-300.—Krüger, P., & Graetz, E. Die Fermente des Flussskrebs-Magensaftes; ein Beitrag zur Chemie der Verdauungsvorgänge bei Wirbellosen. Zool. Jahrb., Abt. allg. Zool., 1928, 45: 463-514.—Maskin, M. H., Callahan, R., & Necheles, H. Studies on auto-digestion; the digestion of living tissues in stomach juice (Claude Bernard's experiment) Am. J. Digest. Dis., 1936-37, 3: 174-7.—Menck-Thygesen, P. [Tests on enzyme binding in Ewald's test-meal] Hospitalstidende, 1935, 78: 253-63.—Meschede, K. Ueber das Verhalten der Fermente in anaziden Magensaften. Arch. Verdauungskr., 1937, 61: 318-33.—Vacaro, H., & Perroni, B. J. Acción del jugo gástrico sobre los fermentos gástricos. Rev. méd. Chile, 1939, 67: 635-53.—Waltner, K. Ueber die Fermente des Säuglingsmagens. Mschr. Kinderh., 1926, 32: 37-9.

Enzymes: Amylase.

Kaus, W. Beiträge zur Physiologie der Verdauung; über das Auftreten von Amylase im Magen des Hundes; ein Beitrag zur Kenntnis der Wirkung von Duodenalf fermenten im Magen. Arch. ges. Physiol., 1926, 213: 577-86.—Tumass, A. I. [On the amylase of the gastric juice] Biull. eksp. biol. med., 1939, 8: 87-9. Also Bull. biol. méd. exp. URSS, 1939, 8: 89-91.—On the liberation of glycolytic enzyme by the mucosa of the pyloric part of the stomach. Ibid., 92-4. Also Biull. eksp. biol. med., 1939, 8: 90-3.

Enzymes: Chymase.

See also Casein, Chymase.

Menck-Thygesen, P. Ueber Labbestimmungen in der Ewald'schen Probemahlzeit. Acta med. scand., 1936, Suppl. 78, 394-401.—Pushkareva, E. Z. [Data for comparative investigation of the rennet properties of the gastric juices of frog, dog, puppy and man] Tr. Kuban. gosud. med. inst. armii, 1938, No. 11, 32-8.—Rideal, E. K., & Wolf, C. G. L. The destruction of rennin by agitation; a case of catalysis at an air-liquid interface. Proc. R. Soc., Lond., 1924, ser. A, 106: 97-117.—Taubert, H., & Kleiner, I. S. Studies on rennin; the purification of rennin and its separation from pepsin. J. Biol. Chem., 1932, 96: 745-53.—Studies on rennin; the isolation of prorennin. Ibid., 755-8.—Die milchkoagulierenden Enzyme der Magenschleimhaut und ihre Zymogene. Zschr. physiol. Chem., 1933, 220: 205-8.—Trevan, J. W. The estimation of rennin in gastric contents. Tr. Internat. Congr. M. (1913) 1914, Sub-sect. III (a) Chem. Path., pt 2, 23-7.

Enzymes: Determination.

See also under Amylase; Lipase; Pepsin; Protease.

Lindemann, G. *Ueber die Verdauungskraft des gesunden, kranken und operierten Magens; ein Beitrag zu den Methoden der quantitativen Pepsinbestimmung [Rostock] 21p. 8°. Bornalpz., 1928.

Manasse, F. *Ueber Pepsinbestimmungen im Magensaft. 15p. 8°. Würzb., 1930.

Allodi, A. Il dosaggio della pepsina ed il potere peptico del succo gastrico da sonda. Minerva med., Tor., 1930, 21: pt 2, 149-56.—Andersen, B. Zur Methodik der Bestimmung der Pepsin- und Labaktivität im Mageninhalt. Biochem. Zschr., 1933, 262: 99-118.—Beazell, J. M., Schmidt, C. R. [et al.] A modification of the Anson and Mirsky hemoglobin method for the determination of pepsin in gastric drainage. Am. J. Digest. Dis., 1938-39, 5: 661-3.—Bonorino Udaondo, C., Zunino, H., & Lacour, J. J. Consideraciones sobre la determinación de la pepsina en el jugo gástrico. Bol. Acad. nac. med. B. Aires, 1935, 61-72.—Citron, H. Ueber quantitative Pepsinbestimmung im Magensaft. Deut. med. Wschr., 1926, 52: 1781.—Farr, C. B., & Goodman, E. H. The clinical value of the quantitative estimation of pepsin, with special reference to the Mette and Ricin methods. Arch. Int. M., 1908, 1: 648-60.—Franke, K. F. Ueber Pepsinbestimmungen mit der Methode von Boas, speziell nach Alkoholprobenfrüstück. Deut. med. Wschr., 1927, 53: 275.—Gözozy, L., & Hoffenreich, F. Ein neues Verfahren zur gleichzeitigen Bestimmung von Pepsin und Lipase im Magensaft. Biochem. Zschr., 1929, 208: 259-61.—Hirschberg, F. Der praktische Wert der quantitativen Pepsinbestimmung im Mageninhalt. Arch. Verdauungskr., 1928, 43: 211-9.—Kawahara, M., & Peczenik, O. Zur Methode der quantitativen Pepsinbestimmung mittels Kongorot. Wien. med. Wschr., 1926, 76: 129.—Kemper, W. Ueber quantitative Bestimmung des Pepsins am Gesunden und Kranken. Arch.

Verdauungsk., 1930, 47: 87-105.—**Mecchia, G.** Ricerca della pepsina nel succo gastrico col metodo refrattometrico. *Minerva med.*, Tor., 1926, 6: 426-36.—**Norgaard, A.** Ueber die Pepsinbestimmung in achylischen Probemahlzeiten mit besonderer Berücksichtigung der Adsorption von deren festen Teilen. *Biochem. Zschr.*, 1920, 107: 145-9.—**Osterberg, A. E., Vanzant, F. R., & Alvarez, W. C.** Studies of gastric pepsin; methods of measurement and factors which influence it. *J. Clin. Invest.*, 1933, 12: 551-6.—**Pollard, W. S., & Bloomfield, A. L.** Quantitative measurements of pepsin in gastric juice before and after histamine stimulation. *Ibid.*, 1929-30, 7: 57-74.—**The diagnostic value of determinations of pepsin in gastric juice.** *Ibid.*, 1930, 9: 107-13.—**Sartory, A., Sartory, R., & Meyer, J.** Détermination qualitative et quantitative des ferments protéolytiques contenus dans les sucs gastriques par la méthode interférométrique. *C. rend. Congr. internat. pharm.*, 1935, 12. Congr., 632-6.—**Utz.** Ueber die Bestimmung des Pepsins im Mageninhalt mittels des Refraktometers. *Zschr. ärztl. Fortbild.*, 1926, 23: 18-20.

Enzymes: Lipase.

Delhougne, F. Untersuchungen über die Magensaftsekretion; über die Magenlipase. *Deut. Arch. klin. Med.*, 1926, 152: 166-72.—**Gyotoku, K.** Studien über die Lipase; über das Wirkungsoptimum der Magenlipase. *Biochem. Zschr.*, 1928, 193: 18-26.—**Kunio, A.** On the gastric lipase in various stomach diseases. *Nagoya J. M. Sc.*, 1927, 2: 103-9.—**Lichtenberg, H.** Untersuchungen zur Verdauungsphysiologie des Säuglings; zur Kenntnis der Magenlipase. *Zschr. Kinderh.*, 1932-33, 54: 732-41.—**Melli, G., & Radici, M.** Esiste una lipasi gastrica? *Fol. clin. chim.*, Bologna, 1928, 3: 169-90.—**Tachibana, T.** Supplementary research of ferments in digestive organs; lipase in stomach. *Jap. J. Obst.*, 1928, 11: 20-6.—**Tumass, A. I.** [Data on gastric lipase] *J. Physiol. USSR*, 1940, 28: 558-60.

Enzymes: Protease [Kathepsin; Pepsin]

See also Pepsin.

SOMMER, K. [W. F. W.] *Ueber Untersuchungen der Säure- und Pepsinwerte des normalen Magens auf Grund fraktionierter Aushebungen (mit Säure- und Pepsin-Kurven) 48p. 8°. Rost., 1934.

Abbo, C. Contributo allo studio ed alla ricerca della pepsina gastrica. *Clin. med. ital.*, 1910, 49: 170-86. Also *Lavori Congr. med. int.* (1909) 1911, 19: 196.—**Bantin, E.** [Concerning antipepsin in gastric juice] *Russ. klin.*, 1927, 8: 260-8.—**Delhougne, F.** Untersuchungen über den Pepsingehalt des Magensaftes. *Deut. Arch. klin. Med.*, 1927, 157: 299-308.—**Dienst, C.** Klinische und experimentelle Untersuchungen über das Magenpepsin. *Zschr. ges. exp. Med.*, 1932, 81: 421-7.—**Ehrenberg, L.** Ueber das peptidspaltende Vermögen des Mageninhalts und über die Unzuverlässigkeit des von Neubauer und Fischer angegebenen Fermentdiagnostikums. *Berl. klin. Wschr.*, 1911, 48: 704-7.—**Einstein, O.** Ueber die verdauungshemmende Wirkung von Antipepsin des Blutes bei Magen- und Magengeschwürskranken. *Med. Klin.*, Berl., 1924, 20: 1578.—**Emerson, C. P., jr., & Helmer, O. M.** The proteolytic effect of normal gastric juice on beef muscle globulin, with reference to the reported action of the anti-anemic intrinsic factor. *Am. J. Digest. Dis.*, 1936-37, 3: 753-5.—**Engel, C.** Die Proteinase des Magensaftes und der Mittel-darmdrüse von *Homarus vulgaris*. *Acta brev. neerl.*, 1938, 8: 28.—**Freudenberg, E., & Buchs, S.** Ueber die zweite Protease des Magensaftes, das Kathepsin. *Schweiz. med. Wschr.*, 1940, 70: 249.—**Galli, F.** Il comportamento della pepsina secondo i vari pasti di prova. *Fol. clin. chim.*, Bologna, 1928, 3: 191-208.—**Gilman, A., & Cowgill, G. R.** The effect of histamine upon the secretion of gastric pepsin. *Am. J. Physiol.*, 1931, 97: 124-30.—**Ito, M., & Kaneko, K.** Contribution to the studies on the antipepsin in gastric juice. *Jap. J. M. Sc.*, 1930-32, 2: Proc. Int. M., 159.—**Katayama, K.** Zur Antipepsinfrage der Magenwand. *Mitt. Med. Fak. Univ. Tokyo*, 1918-19, 18: 235-51.—**Kestner, O., Willstätter, R., & Bamann, E.** Ueber den Proteasegehalt des Pylorussekrets. *Zschr. physiol. Chem.*, 1929, 180: 187-91.—**Liebmann, P., & Johannessen, L.** [The solution of hydrochloric pepsin] *Ugeskr. laeger*, 1911, 73: 903-8.—**Maclean, H., Griffiths, W. J., & Hughes, T. A.** The relationship of peptic activity to neutral chloride secretion during gastric digestion in man. *J. Physiol.*, Lond., 1929, 67: 409-22.—**Manasse, F.** Pepsinwerte im fraktioniert aufgearbeiteten Magensaft. *Münch. med. Wschr.*, 1926, 73: 1792.—**Martin, L.** Gastric juice; studies on a urea-splitting enzyme and pepsin in relation to the proteins. *J. Biol. Chem.*, 1933, 102: 131-6.—**Melli, G.** Il potere peptico del succo gastrico. *Riv. clin. med.*, 1927, 28: 486-94.—**Melocchi, W.** Di alcune ricerche cliniche e sperimentali su la pepsina gastrica. *Gior. clin. med.*, 1938, 19: 193-202.—**Morisi, G.** La secrezione della pepsina nei vecchi. *Osp. maggiore, Milano*, 1935, 23: 162.—**Mullins, C. R., & Flood, C. A.** A study of gastric pepsin in various diseases. *J. Clin. Invest.*, 1935, 14: 793-7.—**Nishikawa, T.** On the relation between free HCl and pepsin in the human gastric juice. *Sci i kwai M. J.*, 1925, 44: No. 4, 5.—**Osterberg, A. E., Vanzant, F. R.** [et al.] Studies of pepsin in human gastric juice; physiologic aspects. *Am. J. Digest. Dis.*, 1936-37, 3: 35-41.—**Popov, N. A., & Gubarev, F. A.** [Effect of feeding on reaction, acidity and strength of the proteolytic ferment of the contents

of the abomasum in sheep] *Tr. Inst. eksp. vet. med.*, Moskva, 1930, 6: 3-7.—**Rostock, P.** Pepsingehalt des Magensaftes und pathologischer Befund am Magen. *Beitr. klin. Chir.*, 1928, 143: 770-6.—**Schryver, S. B., & Singer, C.** Investigations on the gastric juice in malignant and non-malignant diseases of the stomach and duodenum; on a peptolytic enzyme of gastric juice. *Q. J. Med.*, Oxf., 1912-13, 6: 71-81.—**Smith, E. R. B., & Cowgill, G. R.** Proteins as stimulants for the secretion of pepsin. *Am. J. Physiol.*, 1933, 105: 697-705.—**Trabucchi, E.** Alcool e digestione peptica. *Arch. farm. sper.*, Roma, 1936, 61: 186-208.—**Vanzant, F. R., Osterberg, A. E.** [et al.] Studies of pepsin in human gastric juice; the influence of gastric and duodenal disease. *Am. J. Digest. Dis.*, 1936-37, 3: 97-101.—**Its prognostic value.** *Ibid.*, 101.—**Studies of gastric pepsin; secretion of pepsin in cases of duodenal ulcer and pseudo-ulcer. *J. Clin. Invest.*, 1933, 12: 557-65.—**Vonk, H. J.** Das Pepsin verschiedener Vertebraten; die pH -Optima und die Wasserstoffionenkonzentration des Mageninhaltes. *Zschr. vergl. Physiol.*, 1929, 9: 685-702.—**Zaorski, J., & Misiewiczówna, J.** [Quantitative relation between pepsin and gastric acidity and influence of surgical interference on the gastric secretions] *Polska gaz. lek.*, 1926, 5: 167.**

Examination.

See also subheading Secretion: Examination.

SER, I. *Contribution à l'étude du chimisme gastrique. 50p. 8°. Strassb., 1932.

ZMYSŁONY, W. P. *The relation of gastric analysis to x-ray and operative findings [Marquette Univ.] 22p. 4°. Milwaukee, 1925-26.

Andresen, A. F. R. The interpretation of gastric analysis. *N. York State J. M.*, 1929, 29: 1497-503.—**Bethea, O. W.** Some suggestions in gastric analysis. *Internat. M. Digest*, 1938, 33: 179-83.—**Bibergal, S. I.** [The importance of a laboratory-clinical examination of the gastric juice for an early diagnosis of gastric diseases] *Mosk. med. J.*, 1927, 7: 17-9.—**Cheney, G.** The clinical value of recent advances in gastric analysis. *J. Am. M. Ass.*, 1929, 93: 2021-4.—**Clendening, L.** Examination of stomach contents. *J. Kansas M. Soc.*, 1920, 20: 129-31.—**Dietrich, H., & Shelby, D. C.** Gastric analysis in childhood. *Am. J. Dis. Child.*, 1931, 41: 1086-99.—**Escudero, P.** Valor del examen del contenido gástrico para el diagnóstico de las gastropatías. *Scm. méd. B. Air.*, 1926, 33: 7.—**Fischer, C. S.** A possible source of error in gastric analysis. *N. York M. J.*, 1911, 93: 883. Also repr.—**Fowler, C. C., & Zentmire, Z.** A study of 80 samples of gastric residuums obtained from apparently normal women. *Science*, 1916, n. ser., 44: 218.—**Friedrich, L.** Diagnostische Schlüsse aus der Untersuchung des Mageninhaltes. *Med. Welt*, 1930, 4: 151-5.—**Garin, C., Bernay, P., & Chapuy, A.** Valeur diagnostique du chimisme gastrique. *J. méd.*, Lyon, 1932, 13: 511.—**Gastric analysis.** *Physician's Bull.*, 1936, 1, No. 3, 3-10.—**Ghosh, J.** The value of gastric analysis in clinical diagnosis. *J. Ind. M. Ass.*, 1937-38, 7: 509-14.—**Golob, M.** The importance of gastric analysis in diagnosis. *Am. Med.*, 1927, 22: 281-99.—**Hollander, F., & Penner, A.** History and development of gastric analysis procedure. *Am. J. Digest. Dis.*, 1938-39, 5: 739; 786; 1939, 6: 22.—**Knapp, V.** The clinical value of gastric analysis. *Med. J. & Rec.*, 1928, 128: 23-6.—**Marchetti, L.** L'importanza dell'esame del contenuto gastrico nelle forme gastro-intestinali delle persone avanzate in età progressivamente gravi. *Gazz. osp.*, 1911, 32: 197-200.—**Meunier, L.** Essai de thérapeutique basé sur l'examen du contenu gastrique. *Bull. sc. pharm.*, Par., 1914, 21: 389-95.—**Mints, S. G.** [Several sources of error in investigating the stomach contents] *Prakt. vrach*, 1914, 13: 471; 485.—**O'Connor, M. H.** Gastric analysis. *Irish J. M. Sc.*, 1938, 6, ser. No. 150, 270-6.—**Pernet, J.** Le chimisme gastrique en clientèle. *Hôpital*, 1929, 17: 161-3.—**Piñero, F.** El análisis del jugo gástrico al alcance de todos los médicos. *Rev. españ. de jugo gástrico*, 1928, 11: 731-3.—**Priego Alvarez, G.** Examen de jugo gástrico. *Rev. cir. Hosp. Juárez, Méx.*, 1936, 7: 351-62, 4 pl.—**Roberts, W. M.** Gastric analysis. *Clin. J.*, Lond., 1928, 57: 241-8.—**Rojas, J. T.** Químismo gástrico; estudio acerca de 489 casos de sondeo. *Gac. méd.*, México, 1927, 58: 33-41. Also *Rev. cienc. méd.*, Méx., 1927, 6: 104-12.—**Seer, I.** Contribution à l'étude du chimisme gastrique. *Strasbourg méd.*, 1932, 93: 451.—**Serrano, C.** Errores de interpretación en el análisis del jugo gástrico. *An. Hosp. S. José, Madr.*, 1929-30, 1: 157-65.—**Thomas, W. S.** A clinic illustrating the difficulties in interpreting gastric analysis. *Clifton M. Bull.*, 1928-29, 14: 133-6.—**Vanzant, F. R., & Alvarez, W. C.** Calculating the diagnostic value of gastric analysis; a study in the methodology of diagnosis. *Am. J. Digest. Dis.*, 1935-36, 2: 466-72.

Examination: Methods.

See also other subheadings (Acidity: Examination; Chemistry; Cytology, &c.)

Altshuler, A. M. A new method of gastric analysis. *Ann. Clin. M.*, 1926-27, 5: 464-71.—**Belenky, D. N.** [Method and technique of a simplified way of titration of the contents of the stomach] *J. teor. prakt. med.*, Baku, 1927, 2: 347-52.—**Blondel.** Technique simplifiée et applications pratiques principales du chimisme gastrique. *Liège méd.*, 1939, 32: 953-7.—**Briggs, A. P.** Examination of gastric contents. *In*

- Textb. Clin. Path. (Kracke, R. R.) Balt., 1938, 411-23, pl.—**Carrega Casafousth, C. F.**, & **Di Benedetto, D.** Técnica actual para el examen del jugo gástrico. Rev. As. méd. argent., 1935, 49: 1504-11.—**Cheney, G.** A simplified method of gastric analysis. Am. J. M. Sc., 1929, 177: 110-5.—**Cohnheim, P.** Eine neue, allgemein anwendbare Formel zur Restbestimmung im Magen (Verallgemeinerung der Mathieu'schen Methode) Zbl. inn. Med., 1900, 21: 441-7.—**Dinkin, L.**, & **Lichtig, Z.** Beiträge zur Methodik der Magenfunktionsprüfung; über die Häufigkeit und Erkennung des Gallerrückflusses im ausgeheberten Mageninhalt. Klin. Wschr., 1930, 9: 1499.—**Einhorn, M.** Simple and rapid method for quantitative analysis of gastric content. Med. J. & Rec., 1927, 126: 625. Also N. England J. M., 1928-29, 198: 941-3.—**Funk, W. H.** A simple method of gastric analysis. U. S. Nav. M. Bull., 1931, 29: 251.—**Galambos, A.** [Determination of the total contents of the stomach] Magy. orv. arch., 1911, 6. f., 12: 62-72.—**George, H., III.** Method and apparatus for testing the contents of the stomach and other body cavities. U. S. Patent Off., 1939, No. 2,168,867.—**Hollander, F.**, **Penner, A.**, & **Saltzman, M.** Phenolphthalein as a dilution indicator in gastric analysis. Am. J. Digest. Dis., 1937-38, 4: 364-6.—**Helmer, O. M.**, & **Fouts, P. J.** Gastric analysis methods. Am. J. Clin. Path., 1937, 7: Suppl., 41-50.—**Lichtenbelt, J. W. T.**, & **Janink, E. H.** Is the Mathieu and Remond method of estimating gastric residue reliable? Ned. tschr. geneesk., 1917, 1: 142-9.—**Lurie, G. S.**, & **Kemarskaia, A. F.** [Partial components of gastric juice and the diagnostic significance of their study] Sovet. vrach. J., 1936, 1: 1207-13.—**Madariaga, O.**, & **Madariaga, H.** Interpretación de un gastroquimograma. Vida nueva, Habana, 1927, 20: 147-57.—**Martin, L.** Recent investigations pertaining to a new interpretation of the results of the conventional titration of gastric juice. Am. J. Digest. Dis., 1934, 1: 330-2.—**Milhaud, M.**, & **Lochon, J.** Le chimisme gastrique, techniques, valeur sémiologique. J. méd. Lyon, 1928, 9: 463-72.—**Okunev, D. F.** [Comparative value of methods, admitted in USSR, for studying gastric contents, extracted by means of thin tube] Russ. klin., 1926, 6: 187-97.—**Peco, G.** Las sensaciones gástricas subjetivas y su relación con el examen del jugo gástrico. Clin. Escudero, B. Air., 1930, 4: 373-80.—**Schrijver, J.** De beteekenis van het bezinkselquotient (Schichtungsquotient) Ned. tschr. geneesk., 1916, 2: 1070-80.—**Sorokin, F. F.** [Examination of the gastric juice simultaneously with roentgenography of the stomach] Vest. rentg., 1931, 9: 263-9.—**Swalm, W. A.** An evaluation of methods for gastric analysis. Am. J. Clin. Path., 1938, 8: suppl., 227-31.—**Venchikov, A. J.**, & **Frank, I. I.** Digestive power of gastric juice recorded by the photoelectric method. Bull. biol. méd. exp. URSS, 1939, 7: 177-9. Also Biull. eksp. biol. med., 1939, 7: 184-7.—**Zweig, W.** Methoden der Mageninhaltuntersuchungen für den Praktiker. Aerztl. Prax., Wien, 1933, 7: 259. Also Wien. klin. Wschr., 1933, 46: 597.
- **Hemopoietin.**
- See also Anemia, pernicious, Extrinsic and intrinsic factors.
- Feigin, M.**, & **Plonskier, M.** [Clinical and biological value of Castle's factor in the gastric juice] Warsz. czas. lek., 1935, 12: 619-23. Also Wien. klin. Wschr., 1936, 49: 723.—**Fouts, P. J.**, **Helmer, O. M.**, & **Zerfas, L. G.** The formation of a hematopoietic substance in concentrated human gastric juice. Am. J. M. Sc., 1934, 187: 36-49.—**Goldhamer, S. M.** The presence of the intrinsic factor of Castle in the gastric juice of patients with pernicious anemia. Ibid., 1936, 191: 405-10.—**Helmer, O. M.**, & **Fouts, P. J.** Fractionation studies on intrinsic factor in normal human gastric juice. Ibid., 1937, 194: 399-410.—**Hosina, T.**, & **Hisa, M.** Beitrag zur Kenntnis der sogenannten Castleschen Fermente im Magensaft und Magenschleimhautextrakt. Jap. J. M. Sc., 1938-39, 5: Int. M., Proc., 234.—**Jones, T. S. G.**, & **Wilkinson, J. F.** Investigations on the nature of haemopoietin, the anti-anæmic principle in hog's stomach; on the biochemical method of Lasch for the quantitative determination of intrinsic factor in gastric juice. Biochem. J., Lond., 1938, 32: 1352-5.—**Kamerling, A. W. C. G.** Zur Frage der tierexperimentellen Methode Singers zum Nachweis des Castel-Prinzips. Wien. klin. Wschr., 1935, 48: 1140.—**Klaperzak, J.** [Singer's reaction in the gastric juice of the embryo of the pig] Warsz. czas. lek., 1935, 12: 351; 623. Also Fol. haemat., Lpz., 1936, 56: 233-9.—**Lasch, F.** Ueber eine biochemische Methode zur quantitativen Bestimmung des intrinsic factor nach Castle im Magensaft. Klin. Wschr., 1937, 16: 810-5.—**Levi, S.** Il principio emopoietico di Castle ricercato nel succo gastrico del lattante. Riv. clin. pediatri., 1937, 35: 635-43.—**Makarevich, O. B.**, & **Lebedeva, A. N.** [Excretion of anti-anæmic factor Castle in the stomach of the dog] Arkh. pat. anat., Moskva, 1939, 5: No. 4, 49-53.—**Morris, R. S.**, **Schiff, L.** [et al.] A specific hematopoietic hormone in normal gastric juice; preliminary note. J. Am. M. Ass., 1932, 98: 1080.—**Morrison, S.**, & **Gardner, R. E.** A pyloric hormone in pernicious anemia; is there a pyloric hormone which activates secretion of the intrinsic factor? Med. Rev. of Rev., 1936, 42: 339-71.—**Rauschenberger, E. L.** Ueber den Nachweis des Castleschen Ferments im Magensaft von Erwachsenen und Kindern. Klin. Wschr., 1935, 14: 1758. Also Zschr. ges. exp. Med., 1935-36, 97: 514-22.—**Shaha, A. N.** Neuropoietin principle in gastric secretion; the aetiology of central nervous symptoms in pernicious anaemia. Ind. M. Gaz., 1939, 74: 692-7.—**Singer, K.** Ueber eine tierexperimentelle Methode zum Nachweis des Castle-Prinzips des Magensaftes und deren klinische Bedeutung. Klin. Wschr., 1935, 14: 200-4.—**Taylor, F. H. L.**, **Castle, W. B.** [et al.] Correlation of in vitro activity of normal human gastric juice on casein at pH 7.4 with gastric intrinsic factor. Proc. Soc. Exp. Biol., N. Y., 1937-38, 36: 566-8.—**Wawrzyniak, S.** [Reticulo-cytic reaction as index of secretion of the internal factor through the gastric secretion in pernicious anemia] Nowiny lek., 1938, 50: 16.—**Williams, H. A.**, & **Vanderveer, J. B.** Demonstration of the anti-anæmic factor in bovine gastric juice. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 858.
- **Hydrochloric acid.**
- See also subheadings Acidity; Chloride; Secretion.
- Berglund, H.**, **Johnson, R.**, & **Chang, H. C.** The relationship between hydrochloric acid and total chlorides in gastric juice and on the possibility of standards for gastric secretion. Acta med. scand., 1935, 86: 269-91.—**Delhougne, F.** Beiträge zur Magensaftsekretion; über Salzsäure- und Chlorkonzentration im reinen Magensaft. Deut. Arch. klin. Med., 1926, 150: 70-7.—**Duthie, R. J.** Variation of free hydrochloric acid and total chloride in the upper and lower parts of the stomach. Q. J. Med., Oxf., 1928-29, 22: 575-9, pl.—**Erben, F.** Ueber die Bedeutung der Magensalzsäure. Mitt. Volksgesundh., Wien, 1930, Aerztl. Prax., H. 9, 265-7.—**Hollander, F.** Studies in gastric secretion; a statistical analysis of the neutral chloride/hydrochloric acid relation in gastric juice. J. Biol. Chem., 1938, 125: 161-8. Also repr.—**Liebmann, P.**, & **Johannessen, L.** [Peptic dissolution of muriatic acid] Ugeskr. læger, 1911, 73: 903-8.—**Lim, R. K. S.**, & **Hou, H. C.** Note on the secreted concentration of HCl in the gastric juice. Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 670.—**Merklen, Aron, E.**, & **Israel, L.** Relations entre l'acide chlorhydrique et les chlorures gastriques. Arch. mal. app. digest., Par., 1934, 24: 500-11.
- **Hydrochloric acid, deficient or excessive.**
- See also Achlorhydria; Achylia gastrica; Gastric juice, Acidity; Disorders.
- Guichard, A.** *De la réaction de l'urine dans l'hypochlorhydrie. 52p. 4° Lyon, 1893.
- Jouis, E.** *Traitement des hyperchlorhydries par l'extract hydroalcooloéthéré de Jaborandi (néopancarpine) 80p. 8° Par., 1932.
- Aldor, L.** [Dietetic and balneotherapy in hyperchlorhydria of the stomach] Orv. hetil., 1898, 42: 272; 286; 313.—**Alzona, F.** Sull'optimum cloro-peptico negli ipercloridrici, con speciale riguardo agli ulcerosi duodenali. Policlinico, 1927, 34: sez. med., 118-33.—**Barillas, P. A.** Tratamiento de la hiperclorhidria por el peróxido de hidrógeno. Actas Congr. med. nac., Habana, 1914, 3. Congr., 2: 287-9.—**Basch, F.** Valor de los dosajes de la acidez clorhídrica en los operados de úlcera gastro-duodenales. Bol. Soc. cir. B. Aires, 1931, 15: 501-24.—**Bénard, H.**, **Lenormand, J.**, & **Merklen, F. P.** Hyperchlorhydrie globale, hyperchlorhydrie bulbaire et acidose rénale. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 208-13.—**Bethea, O. W.** Analysis of the history in the diagnosis of hyperchlorhydria. N. Orleans M. & S. J., 1928-29, 81: 573-5.—**The treatment of hyperchlorhydria. Ibid., 1930-31, 83: 307-11.** Also Internat. M. Digest, 1938, 33: 239-45.—**Claunch, De W.** Hyperchlorhydria and achlorhydria. Ibid., 1939, 34: 175-80. Also repr.—**Bonorino Udaondo, C.** Sobre la acción de los bromuros en las hiperclorhidrias dolorosas. Prensa méd. argent., 1914-15, 1: 202.—**Castaigne, J.**, & **Gouraud, F. X.** L'hyperchlorhydrie et son traitement. J. méd., fr. 1912, 6: 304-8.—**Crozet, C.**, & **Crozet, M.** Quelques indications théoriques d'ordre général à propos des médicaments saturants dans le traitement de l'hyperchlorhydrie. Gaz. hôp., 1937, 110: 1357.—**Dauergebrauch** (über) von Natr. bic. bei chron. Hyperchlorhydrie während mehr als 65 Jahren. Schweiz. med. Wschr., 1928, 58: 273.—**Espósito, G.** Note sulla patogenesi e sulla terapia delle ipocloropepsie. Med. nuova, 1936, 27: 11-9.—**Fernández Escobar, J.** El clorhidrato de acetilcolina en el tratamiento de las hipoclorhidrias. Inform. méd., Valladolid, 1933, 10: 81-5.—**Fernández Martínez, F.** El bromuro sódico en el tratamiento de la hiperclorhidria. Arch. med., Madr., 1926, 22: 293-325.—**Földes, F.**, & **Vajda, G.** [Effect of vitamin A on secretion of gastric juice in achlorhydria or hypochlorhydria] Gyógyászat, 1939, 79: 262.—**Govaerts, A.**, & **Cornil, M.** L'hyperchlorhydrie: son interprétation. Bruxelles méd., 1927, 7: 1394.—**Graulich, R.** Les troubles de la chlorhydrie gastrique et leur signification. Ibid., 1932-33, 13: 1077-9.—**Katsch, G.**, & **Kalk, H.** Zum Ausbau der kinetischen Methode für die Untersuchung des Magenchemismus; die Chloride des Magensaftes, besonders bei Salzsäuremangel. Klin. Wschr., 1926, 5: 881-6.—**Loeper, M.** Traitement de l'hyperchlorhydrie. Progr. méd., Par., 1928, 43: 1853-7.—**Mann, W. N.** Experiments on the neutralisation of hydrochloric acid by magnesium trisilicate. Guy's Hosp. Rep., Lond., 1937, 87: 151-7.—**Marczewski, S.** [Hypochlorhydria of the stomach and secretory activity of the pancreas] Lek. wojsk., 1929, 13: 222-39.—**Martinet, A.** Traitement médicamenteux de l'hyperchlorhydrie: les alcalins, le bismuth et les graisses. Presse méd., 1912, 20: 62.—**Mazzoleni, L.** Studi sull'ecita-

bilità gastrica nell'uomo; secrezione gastrica e tono vegetativo negli ipercloridrici. Arch. ital. mal. app. diger., 1937, 6: 69-97.—Merklen, Israël, L., & Jacob, A. De l'utilisation de la spasmodine dans le traitement de l'hyperchlorhydrie. Strasbourg méd., 1934, 94: 329. — Stimulation de la sécrétion fundique par l'opothérapie antrale chez les hyperchlorhydriques. Ibid., 331. — Effets de l'opothérapie antrale sur la sécrétion fundique chez les hypochlorhydriques et les achlorhydriques. Nutrition, Par., 1936, 6: 399-414.—Moore, H. Hyperchlorhydria. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1938, 7: 1-32.—Perman, E. [Researches on hydrochloric acid secretion of stomach and influence of operative measures on same] Sven. læk. säll. förh., 1928, 95-112.—Podlaha, J. [Research in gastric chemism; influence of sea salt on gastric secretions in hyperchlorhydria] Cas. læk. česk., 1926, 65: 1923; 1969; 2005. — [Research on the chloride metabolism in hyperchlorhydria] Spisy Lek. Fak. Masaryk. Univ., 1927, 5: 1-68.—Pron, L. Pommes de terre et hyperchlorhydrie. Rev. gén. clin. thér., 1923, 37: 217-9.—Puech, A., Baume, J. [et al.] Action des eaux de Vichy sur la chlorhydrie gastrique. Presse therm. clim., 1938, 79: 8-12.—Quiñones, J. F. Contribución al estudio de las hipercloridrias; observaciones respecto a las hipercloridrias provocadas por el triocéfalo dispar. Cróp. méd. quir. Habana, 1935, 61: 183-5.—Sager, W. W., & Hartman, H. R. A statistical study indicating the diagnostic value of hyperchlorhydria. Med. J. & Rec., 1926, 124: 197-9.—Segal, A. E. [Salicylic acid in treatment of hyperchlorhydria] Vrach. delo, 1935, 18: 365.—Slocher. Laparotomia; antigua hipercloridria. Rev. iber. amer. cienc. méd., 1917, 38: 231, pl.—Starfinger, W., & Wyrsh, R. Die Salzsäureproduktion bei Sub- und Anaciden nach Acidolpensin- und Citropepsingaben. Zschr. klin. Med., 1936, 130: 688-97.—Stiller, B. [On the etiology of the deficiency of hydrochloric acid in the stomach] Orv. hetil., 1909, 53: 860.—Takata, M. Studies in the gastric juice; relation of lack of chlorids in the animal body to hydrochloric acid of the gastric juice. Toboku J. Exp. M., 1920, 1: 354-66.—Tupper, P. C. Alkalies and hyperchlorhydria. N. York M. J., 1913, 97: 192. Also repr.

— Hydrochloric acid: Determination.

CHRISTIANSEN, J. *Bestemmelse af fri og bunden saltsyre i maveindhold. 151p. 8°. Kbh., 1912.

Bertoni, A. La reazione di Ginzburg nel liquido stomacale senza acido cloridrico libero. Atti Acad. med. fis. fiorent. (1909) 1910, 63-6.—Erben, F. Ueber die Ginzburgsche Reaktion. Biochem. Zschr., 1930, 220: 227-33.—Fuld, E. Die akustische Salzsäureprobe mittels Natron und ihr Verhältnis zu der Brauseprobe von A. L. Benedict. Berl. klin. Wschr., 1911, 48: 717.—Gupta, J. C., & Sen, S. K. The behaviour of free HCl curve in a series of 100 consecutive cases of gastric content analysis. J. Ind. M. Ass., 1935-36, 5: 723-8.—Hori, M. On the estimation of the free hydrochloric acid in the human gastric juice. Jap. J. Gastroenter., 1933, 5: 1-12.—Mierzowski, J. [Determination of hydrochloric acid in the stomach contents] Gaz. lek., Warsz. 1892, 2. ser., 12: 885-92.—Schwarz, G. Salzsäureprüfung ohne Magenschlauch. Wien. klin. Wschr., 1913, 26: 2013.—Sekareff, K. A. Bestimmung kleiner Salzsäuremengen im Magensaft mittels seiner elektrometrischen Analyse. Biochem. Zschr., 1927, 180: 127-31.—Tacccone, G. Per una reazione sul succo gastrico (determinazione qualitativa e quantitativa dell'HCl libero) Gazz. med. lombarda, 1928, 87: 74.—Yague, J. L., & Espinosa de los Monteros. Los reactivos colorimétricos indicadores del ácido clorhídrico libre con aplicación al análisis de recogidos gástricos. Rev. iber. amer. cienc. méd., 1911, 25: 217, pl.; 268, pl.

— Hydrochloric acid: Secretion.

See also subheading Secretion.

LEHMANN, H. *Salzsäureproduktion im Säuglingsmagen nach Histaminreiz beobachtet mittels fraktionierter Ausheberung [Basel] 27p. 8°. Berl., 1934.

Bergeim, O. The origin of gastric hydrochloric acid. Proc. Soc. Exp. Biol., N. Y., 1914-15, 12: 21.—Bulger, H. A., & Allen, D. S. Studies on the mechanism of gastric hydrochloric acid secretion. Ibid., 1926-27, 24: 902. — & Harrison, L. B. Studies of the chemical mechanism of hydro-chloric acid formation; observations on the blood passing through the stomach of dogs. J. Clin. Invest., 1928, 5: 561-71.—Bulger, H. A., Stroud, C. M., & Heideman, M. L. Studies of the chemical mechanism of hydro-chloric acid secretion; electrolyte variations in human gastric juice. Ibid., 547-60.—Eichel, J. [Effect of Morshyn mineral waters on the secretion of hydrochloric acid by the stomach] Polska gaz. lek., 1932, 11: 8-10.—Foà, G. Il contegno della secrezione cloridrica dello stomaco in seguito ai vari modi di discontinuità dei nervi vago-simpatici (clinica e sperimento) Gazz. internaz. med. chir., 1927, 32: 169-81.—Fragomeli, A. Ciclo di secrezione dell' HCl determinato con analisi frazionata del succo gastrico di cane operato di piccolo stomaco alla Pavlow ed alimentato con la colazione di Ewald, e pasto di Riegel-Leube. Morgagni, 1926, 68: 129-35. — Influenza ormonica di alcune ghiandole endocrine sulla secrezione cloridrica determinata con analisi frazionata di

succo gastrico di cane operato di piccolo stomaco alla Pavlow. Ibid., 1927, 69: 1721-31.—Glusmann, J. S., & Goldstein, B. Zur Frage der Beständigkeit der Salzsäurekonzentration im Magensaft. Zschr. ges. exp. Med., 1932, 82: 658-64. — [Standard concentration of hydrochloric acid in gastric juice] Ter. arkh., 1932, 10: 232.—Gray, J. S., Adkison, J. L., & Zelle, K. The in vitro secretion of acid by the gastric mucosa of the frog. Am. J. Physiol., 1940, 130: 327-31.—Heilmeyer, L. Die Salzsäuresekretion des Magens und ihre Beziehungen zum Gesamtorganismus. Klin. Wschr., 1926, 5: 2122-5. Also Med. Klin., Berl., 1926, 22: 1586.—Hollander, F. Theories of hydrochloric acid formation in the stomach. J. Am. Inst. Homeop., 1929, 22: 311-21. — Studies in gastric secretion; evidence in refutation of the Rosemann theory of hydrochloric acid formation. Am. J. Physiol., 1931, 98: 551-5.—Kürti, L., & Györgyi, G. Ueber den Zusammenhang zwischen dem Harnsäurestoffwechsel und der Magensalzsäuresekretion. Zschr. ges. exp. Med., 1927, 55: 475-80.—MacLean, H., & Griffiths, W. J. The factors influencing the concentration of hydrochloric acid during gastric digestion. J. Physiol., Lond., 1928, 65: 63-76.—Martin, L. Urease in gastric juice; studies demonstrating its action and a theoretical consideration of the method of gastric juice hydrochloric acid formation and secretion. Tr. Am. Gastroenter. Ass., 1932, 3-21.—Mestrezat, W., & Girard, P. Origine de l'acidité gastrique: formation d'acide chlorhydrique libre par dialyse élective de la solution d'un chlorure neutre. C. rend. Soc. biol., 1926, 95: 638-41.—Mosonyi, J. Zur Magensalzsäurebildung aus den Chloriden des Blutes. Biochem. Zschr., 1926, 169: 120-4. — Günther, L., & Petrányi, J. Zusammenhang zwischen dem CO₂-Gehalt des Blutes und der Magensalzsäurebildung. Zschr. ges. exp. Med., 1934-35, 95: 670-4.—Núñez da Costa, A. As relações entre a clorêmia e a acidez clorídrica do suco gástrico; suas aplicações clínicas. Med. contemp., Lisb., 1931, 49: 373-9.—Rassers, J. R. F. Sur le problème de la sécrétion d'acide chlorhydrique dans l'estomac. Arch. néerl. physiol., 1928-29, 13: 514-20.—Rolandi Ricci, P. Secrezione cloridrica dello stomaco e leucocitosi digestiva. Rinasce, med., 1929, 6: 76-78, pl., 4 ch.—Waterman, L. Hydrochloric acid secretion in the stomach of hypophysectomized rats. Acta brev. neerl., 1938, 8: 182.—Wilhelmj, C. M., Neigus, I., & Hill, F. C. Studies on the regulation of gastric acidity; the influence of acid on the secretion of hydrochloric acid by fundic pouches and by the whole stomach. Am. J. Physiol., 1933, 106: 381-97.—Wilhelmj, C. M., O'Brien, F. T., & Hill, F. C. The influence of acid on the secretion of hydrochloric acid by the intact normal stomach. Ibid., 1935, 113: 138.

— Hydrochloric acid: Secretion: Histology.

Brenckmann, E. Contribution à l'étude de la topographie des régions élaboratrices de l'HCl dans l'estomac; étude histophysiologique de la muqueuse gastrique. Arch. mal. app. digest., Par., 1929, 19: 1104-17. — Contribution à l'étude macro- et microscopique de la muqueuse gastrique du chien, suivant la topographie physiologique se rapportant à l'élimination de l'acide chlorhydrique. C. rend. Soc. biol., 1929, 102: 684-6. — Effet de l'histamine sur la topographie des zones d'élaboration de l'acide chlorhydrique de la muqueuse fundique chez l'animal adulte, jeune et nouveau-né; cas de l'embryon à terme; influence de l'acte opératoire sur l'élimination de l'acide chlorhydrique. Ibid., 686. — & Deloyers, L. Recherches sur la topographie des régions élaboratrices de l'acide chlorhydrique dans l'estomac. Ibid., 29-31. Also Presse méd., 1929, 37: 1086.—D'Amato, H. J., & Toroz, A. Estudio topográfico de la secreción de HCl en el estómago. Sem. méd., B. Air., 1937, 44: 1633.—Dawson, A. B., & Ivy, A. C. Contributions to the physiology of the gastric secretion; formation of hydrochloric acid by the gastric mucosa. Am. J. Physiol., 1926, 76: 158-69.—Deloyers, L. Nouvelle méthode pour définir la topographie des régions élaboratrices de l'acide chlorhydrique dans l'estomac. C. rend. Soc. biol., 1929, 102: 326-8. — & Johnson, J. W. S. A. Recherches sur la topographie des régions élaboratrices de l'acide chlorhydrique dans l'estomac. Presse méd., 1929, 37: 879.—Hoerr, N. L. The mechanism of secretion of hydrochloric acid in the gastric mucosa. Anat. Rec., 1936, 65, 4: 417-35.—Lison, L. Recherches histochimiques sur la sécrétion chlorhydrique de l'estomac. Zschr. Zellforsch., 1936, 25: 143-59.—Sarre, H. Beziehungen des Eigenpotentials der Magenschleimhaut des Warmblüters zur Salzsäuresekretion. Zschr. Biol., 1934, 95: 135-45.—Selvaggi, G. Sulla correlazione funzionale antropofica nella secrezione cloridrica dello stomaco. Policlinico, 1936, 43: sez. chir., 285-302.

— Lactic acid.

Bisbini, B. La ricerca qualitativa dell'acido lattico nel succo gastrico. Rinasce, med., 1926, 3: 514-6.—Boas, I. Der Nachweis der Milchsäure im Magensaft nach Fletcher und Hopkins. Arch. Verdauungskr., 1924, 33: 146-8.—Bogdanova, G. M., & Bantin, E. V. [Variations of lactic acid in the gastric juice in various secretory states of the stomach] Vrach. delo, 1939, 21: 213-8.—Delhougne, F. Untersuchungen über die Milchsäurebildung im Magen. Arch. exp. Path., Lpz., 1930, 152: 160-7.—Dodds, E. C., & Robertson, J. D. The origin and occurrence of lactic acid in human gastric contents, with special reference to malignant and non-malignant conditions. Q. J. Med., Oxf., 1929-30, 23: 175-93.—Ege, R. Méthode clinique simple pour la détermination de l'acide lactique dans

le contenu gastrique. C. rend. Soc. biol., 1923, 88: 103-5.—**Ehrmann, R.** Ueber Entstehung und Bedeutung der Milchsäure im Magen. Arch. exp. Path., 1926, 115: 45-7.—**Enger, R.** Milchsäurebestimmungen im Magensaft. Arch. Verdauungskr., 1933, 54: 301-12.—**Gérard, P.** & **Regnault.** Des causes d'erreur dans la recherche de l'acide lactique dans le contenu gastrique après le repas d'épreuve. C. rend. Soc. biol., 1918, 81: 388.—**Klein, F.** & **Melka, J.** [Colorimetric quantitative binding of lactic acid in the gastric juice] Bratisl. lek. listy, 1929, 9: 485-9. Also Wien. med. Wschr., 1929, 79: 1053.—**Murray, I.** & **Robertson, A. B.** The significance and origin of lactic acid in the gastric contents. Brit. M. J., 1932, 1: 607-9.—**Never, H. E.** & **Vincke, E.** Ueber einen einfachen Nachweis von Milchsäure im Mageninhalt. Klin. Wschr., 1936, 15: 1910-2.—**Norpoth, L.** & **Kaden, E.** Untersuchungen über die Milchsäure des Magensaftes. Arch. exp. Path., Berl., 1932-33, 169: 414-28.—**Pittarelli, E.** Nouvelle méthode pour la recherche de l'acide lactique dans le suc gastrique et les autres liquides organiques. Bull. Acad. méd., Par., 1920, 84: 132-5. Also Fol. med., Nap., 1920, 6: 827-34.—**Rodella, A.** Einige Bemerkungen über den Nachweis von Milchsäure im Magen und dessen Bedeutung. Korb. Schweiz. Aerzte, 1919, 49: 1623-32.—**Watson, E. M.** An aid in testing gastric contents for lactic acid. Arch. Path., Chic., 1928, 5: 66. Also repr.

— Loss.

See also Gastric juice, Removal.

HEUSCHERT, C. A. *Blutmengenuntersuchungen bei koehsalzfreier Kost und Magensaftentziehung. 19p. 8° Greifsw., 1935.

Csillag, I. [Loss of gastric juice] Orv. hetil., 1935, 79: 902-4.—**Dragstedt, L. R.** & **Ellis, J. C.** Fatal effect of total loss of gastric juice. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 305-7. Also Am. J. Physiol., 1930, 93: 407-16.—**Katsch, G.** Entziehung von Magensaft als Heilmittel. Deut. med. Wschr., 1932, 58: 1590-3. Ueber Magensaftverlust und Magensaftentziehung. Zschr. ärzt. Fortbild., 1933, 30: 485.—& **Mellinghoff, K.** Ueber Magensaftentziehung. Zschr. klin. Med., 1933, 123: 390-403.—**MacMahon, C. C.** & **Mad-dock, S.** Effect of loss of gastric juice on the electrolyte balance of the dog. Arch. Path., Chic., 1940, 29: 727.—**Mellinghoff, K.** & **Heuschert, C. A.** Blutmen-genstudien bei Magensaftentziehung. Klin. Wschr., 1934, 13: 1247.—**Scott, H. G.**, **Holinger, P. H.** & **Ivy, A. C.** Demonstration of a dog maintained for 16 weeks solely by jejunal alimentation in the presence of loss of gastric juice. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 569.

— Mucus and mucin.

BURMEISTER BRAVO, E. *El mucus gástrico y su dosificación [Chile] 72p. 26½cm. Santiago, 1938.

JOËT, E. *Contribution à l'étude des mucines, la mucine proprement gastrique. 155p. 25½cm. Lyon, 1938.

KOCH, M. *Quantitative Mucinbestimmungen im Magensaft. 33p. 21cm. [Würzb.] 1937.

MAHLO, A. Der Magenschleim. 53p. 25cm. Stuttg., 1938.

SIMSON, B. VON. *Ueber die Wirkung des Magenschleimes auf die Lösungsgeschwindigkeit von Ferrum reductum im Magen. 14p. 8° Münch., 1932.

Anderson, R. K. & **Farmer, C. J.** Studies on enzymatic digestion of gastric mucin. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 21-3.—**Anderson, R. K.** & **Fogelson, S. J.** Digestibility of gastric mucin in vivo. Ibid., 1204-6. The secretion of gastric mucin in man; a comparative study in the normal subject and in the patient with peptic ulcer in response to an alcohol test meal. J. Clin. Invest., 1936, 15: 169-72. —& **Farmer, C. J.** A method for the assay of commercial gastric mucin. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 518-20.—**Babkin, B. P.** [Mucin of the gastric juice] Klin. med., Moskva, 1931, 9: 605. —& **Komarov, S. A.** Influence of mucus on peptic digestion. Canad. M. Ass. J., 1932, 27: 61; 463.—**Baltzer, F.** Studien zum Problem des Magenschleimes; zur Bestimmung des Magenschleimes. Biochem. Zschr., 1933, 264: 28-34. Der Magenschleim (seine physikalischen und chemischen Eigenschaften) Arch. Verdauungskr., 1934, 56: 35; 1935, 58: 33.—**Boldyreff, W. N.** Gastric and intestinal mucus, its properties and physiological importance. Acta med. scand., 1936, 89: 1-14.—**Bolton, C.** & **Goodhart, G. W.** The mucus factor in the automatic regulation of the acidity of the gastric contents. J. Physiol., Lond., 1933, 77: 287-309.—**Bonis, A.** Magenschleim und Säurebindung; zugleich ein Beitrag zur Titration mit Indikatoren und zur elektrometrischen Titration des Magensaftes. Zschr. klin. Med., 1930, 113: 611-20.—**Bonorino Udaondo, C.**, **Zunino, H.** & **Centeno, A. M.** Contribución al estudio del moco gástrico. Prensa méd. argent., 1936, 23: 2407-14. — Sobre el mecanismo de acción de la mucina gástrica. Ibid., 2451-4.—**Bucher, R.**

Das Wesen der Schutzwirkung des Magenschleimes. Deut. Zschr. Chir., 1932, 236: 515-9.—**Burger, G. N.**, **Hartfall, S. J.** & **Witts, L. J.** The secretion of mucus by the stomach with special reference to the achlorhydric anaemias. Guy's Hosp. Rep., Lond., 1933, 83: 497-506.—**Cavalli, G.** Risultati del dosaggio della mucina nel succo gastrico. Clinica, Bologna, 1939, 5: 358-75.—**Dienst, C.** Ueber die Bedeutung des Magenschleimes; Magenschleim und Salzsäure. Deut. Arch. klin. Med., 1931, 171: 52-60.—**Dunbar, J. M.** Studies on the characterization of gastric mucin and its resistance to enzymatic degradation. Summaries Doct. Diss. Northwest Univ., 1938, 6: 146-9.—**Garin, C.** & **Bernay, P.** La mucorrhée gastrique vue à la gastrophotographie. Nutrition, Par., 1935, 5: 171-82. —& **Vincent, D.** Technique et résultats de dosages de la mucine dans le suc gastrique. Arch. mal. app. digest., Par., 1937, 27: 697-711.—**González Galvan, J. M.** Le rôle du mucus dans la pathologie gastrique. Ibid., 1936, 26: 697-705.—**Helmer, O. M.** The relation of the secretion of mucus to the acidity of the gastric juice. Am. J. Physiol., 1934-35, 110: 28-36.—**Fouls, P. J.** & **Zerfas, L. G.** The relation of the secretion of mucus to the acidity of the gastric juice. J. Biol. Chem., 1934, 105: p. xxxvii.—**Jones, K. K.** & **Ivy, A. C.** The titration curve of gastric mucin. Proc. Soc. Exp. Biol., N. Y., 1931, 29: 218-20.—**Kalk, H.** & **Bonis, A.** Magenschleim, Säurebindung und Gesamtschleim im Magensaft. Deut. Arch. klin. Med., 1932, 173: 53-7.—**Kelling, G.** Zur Schleimbestimmung im Mageninhalt. Arch. Verdauungskr., 1930, 47: 163-8.—**Komarov, S. A.** Isolation of mucosinsulfuric acid from canine gastric juice. J. Biol. Chem., 1935, 109: 177-87. Also repr.—**Loeper, M.** & **Fau, R.** L'action du vague sur la production du mucus gastrique. C. rend. Soc. biol., 1933, 113: 981. Also Progr. méd., Par., 1933, 1305.—& **Ollivier, J.** Médicaments du vague et production du mucus gastrique. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 956-63.—**Mahlo, A.** Der Magenschleim. Arch. Verdauungskr., 1935, 57: 204. Also Fortsch. Ther., 1935, 11: 16; 84. Also Münch. med. Wschr., 1935, 82: 479. — Physiologie und Pathologie des Magenschleimes. Arch. Verdauungskr., 1936, 60: 179-94. Neue Untersuchungen über die Physiologie des Magenschleimes. Deut. med. Wschr., 1936, 62: 96. — Welche diagnostischen Möglichkeiten des Magenschleimes. Deut. Arch. klin. Med., 1937, 181: 595-610. — Welche diagnostischen Möglichkeiten bietet das Studium des Magenschleimes? Deut. med. Wschr., 1937, 63: 1337-9. —& **Mulvi.** Wie wirkt Mucin im Magen? Ibid., 1934, 60: 937; 1632. Also Guatemala méd., 1939, 4: No. 12, 16.—**Marshall, H. P.** Diagnostic significance of mucus in the test meal. Northwest M., 1911, n. ser., 3: 70-2.—**Mikami, A.** Ueber die Magenschleimbestimmung mittels der Polarisationsmethode. Tohoku J. Exp. M., 1938, 32: 309-18.—**Mitchell, T. C.** The buffer substances of the gastric juice, and their relation to gastric mucus. J. Physiol., Lond., 1931, 73: 427-43.—**Monceaux, J.** Le pouvoir protecteur des mucines et son importance en gastro-entérologie. Arch. mal. app. digest., Par., 1933, 23: 424-37. — Importance du rôle de la mucine dans l'équilibre de l'acidité gastrique. Presse méd., 1935, 43: 988. —& **Fontaine, R.** Le mucus gastrique et son rôle protecteur; importance physiologique et thérapeutique des mucines. Ibid., 1933, 41: 927.—**Pron, L.** Remarques sur le mucus gastrique pathologique. Bull. Soc. méd. Paris, 1931, 640-4.—**Rivers, A. B.**, **Vanzant, F. R.** & **Essex, H. E.** The presence of secretagogues in gastric mucin. Proc. Mayo Clin., 1932, 7: 5-9.—**Rosenberg, D. H.** & **Bloch, L.** Studies on gastric mucin; its effect on gastric acidity. J. Lab. Clin. M., 1933, 18: 1041-52.—**Samytschikina, K. S.** Ueber die Rolle des Magenschleimes in der Sekretion des Magens. Arch. Verdauungskr., 1936, 60: 286-300.—**Vannucci, F.** & **Corchia, G.** Su di una nuova tecnica per il dosaggio della mucina gastrica. Diagn. tecn. lab., Nap., 1939, 10: 20-8.—**Webster, D. R.** The mucus of the gastric juice and its variations. Tr. R. Soc. Canada, 1930, 3. ser., 24: Sect. Biol., 199. —& **Romarov, S. A.** Mucoprotein as a normal constituent of the gastric juice. J. Biol. Chem., 1932, 96: 133-42. Also repr.—**Zaus, E. A.** & **Fosdick, L. S.** The antipeptic influence of gastric mucin. Am. J. Digest. Dis., 1934-35, 1: 177.

— Nitrogen, and protids.

SEIGRAD, J. *Ueber den Eiweissgehalt des Magensaftes [München] 15p. 8° Augsb. [1938]

Allodi, A., **Cionini, A.** & **Robecchi, A.** Sulla eliminazione di alcune scorie azotate con il succo gastrico e duodenale. Arch. sc. med., Tor., 1935, 60: 1-16.—**Badykes, S. O.**, **Kudashevich, V. Z.** & **Einhorn, E. O.** [Biuretic products of the gastric juice in gastritis and its diagnostic significance] Klin. med., Moskva, 1933, 11: 152-63.—**Baltzer, F.** Protein und Mucin im normalen und pathologischen Magensaft. Arch. Verdauungskr., 1937, 38, 62: 113; 305.—**Barlocco, A.** Azoto titolabile con formolo nel contenuto gastrico e suo valore diagnostico. Riforma med., 1910, 26: 701-5.—**Battistini, S.**, **Quaglia, F.** & **Robecchi, A.** Il contenuto in acido urico nel succo gastrico ottenuto con stimoli vari in soggetti normo-ed iperglicemici. Arch. sc. med., Tor., 1935, 60: 149-72.—**Bonorino Udaondo, C.**, **Gonálons, G. P.** & **Zanalda, P. M.** Contribución al estudio de los polipéptidos del jugo gástrico; los polipéptidos del ayuno y por la excitación con diversos estimulantes. Prensa méd. argent., 1939, 26: pt 2, 1752-7.—**Cipriani, C.** & **Lucca, A.** L'azoto totale nel succo gastrico puro. Minerva med., Tor., 1927, 7:

557-60.—Clarke, J. A., jr., & Rehfuß, M. E. The protein content of the gastric juice in normal and pathological states. *Biochem. Bull.*, 1915, 4: 211.—Dérér, L. [Aminonitrogen in human gastric juice.] *Bratisl. lek. listy*, 1926-27, 6: 319-22.—Gammeltöft, S. A. Om ammoniakmængden i urinen og dens forhold til ventrikelsekretionen. *Hospitalstidende*, 1911, 5. R., 4: 969-80.—Hess, R. Ueber die Zunahme gelösten Stickstoffs im Säuglingsmagen. *Msehr. Kinderh.*, 1927, 36: 208-18.—Inatsugu, Y. On uric acid and allantoin in gastric juice. *J. Biochem.*, Tokyo, 1931, 13: 1-9.—Komaroy, S. A. The partition of nitrogen in canine gastric juice. *J. Lab. Clin. M.*, 1937-38, 23: 822-32.—Lublin, A., & Mielke, H. Ueber Stickstoffgehalt des Magensaftes. *Zschr. klin. Med.*, 1933, 123: 404.—Martin, L. Protein nitrogen and nonprotein nitrogen determinations on gastric juice; a clinical evaluation. *J. Am. M. Ass.*, 1933, 100: 1475-8. Also repr. ——— Gastric juice; studies on the proteins of the gastric juice of humans. *J. Biol. Chem.*, 1933, 102: 113-30. ——— Consideraciones sobre la importancia diagnóstica del análisis de proteínas y nitrógeno no protéico del jugo gástrico. *Prensa méd. argent.*, 1935, 22: 319-22.—Oefelein, F. Ueber das Vorkommen von Imidazolkörpern im Magensaft. *Klin. Wschr.*, 1935, 14: 1599-601.—Romkes, P. C. Stikstofbepalingen in maaginhoud als diagnostieum voor maagziekten. *Ned. tsehr. geneesk.*, 1911, 2: 3-12.—Simici, D., Vladescu, R., & Popescu, M. Recherches sur l'urée et l'ammoniac des liquides gastriques à l'état normal et pathologique; considérations sur l'élimination de l'urée par l'estomac et sur le diagnostic de l'urémie gastrique. *Arch. mal. app. digest.*, Par., 1929, 19: 576-90. Also C. rend. Soc. biol., 1929, 101: 199; 202.—Steinitz, H. Ueber die stickstoffhaltigen Bestandteile des reinen Magensaftes; Ammoniak im Magensaft. *Arch. Verdauungskr.*, 1932, 52: 315. ——— Rest-N und Gesamt-N, besonders beim Magenkarzinom. *Ibid.*, 249-53.—Surmont, H., & Provino, R. Dosages néphélométriques des matières albuminoïdes, dans les liquides gastriques. *Bull. Soc. chim. biol.*, Par., 1928, 10: 413.—Wang, Ch'eng-Fa. The total nitrogen content of normal and pathological fasting gastric juice. *Chin. M. J.*, 1933, 5: 445-9.—Wolff, W., & Jochmann, E. Ein neues Verfahren zur quantitativen Bestimmung gelöster Eiweißstoffe im Mageninhalt. *Arch. Verdauungskr.*, 1930, 48: 151-7.—Zuns, E. L'azote titrable par la méthode de Sørensen dans le contenu stomacal (communication préliminaire) *Bull. Soc. sc. méd. natur. Bruxelles*, 1910, 68: 93-100.

Physical and physico-chemical properties.

BECKMANN, H. *Refraktometrische Magen-saftuntersuchungen. 32p. 21cm. Greifsw., 1937.

JAEL, I. *Experimentelle Untersuchungen über das Trockenbild des Magensaftes [Greifswald] 23p. 8°. Lengerich, 1936.

RABEN, H. W. *Das Magensaftentrocknungsbild als diagnostisches Hilfsmittel bei Magenkrankungen des Hundes. 31p. 8°. Lpz., 1936.

Cytronberg, S. [Correlation between indices of refraction, density and dry weight of gastric contents] *Polska gaz. lek.*, 1926, 5: 879-81.—Delhougne, F. Ueber das polarimetrische Verhalten verschiedener Magensäfte. *Deut. Arch. klin. Med.*, 1930, 169: 247-52.—Galatzer, M. N. [On the viscosity of the contents of the stomach in certain diseases] *Vrach. gaz.*, 1911, 18: 1641-3.—Henning, N., & Norpoth, L. Ueber das Eintrocknungsbild des Magensaftes. *Zschr. klin. Med.*, 1933-34, 126: 1-6.—Karczag, L. The spectrographic anomalies of gastric juice in pernicious anaemia. *Lancet*, Lond., 1936, 1: 947. ——— Recherches spectrographiques sur le suc gastrique normal et pathologique, plus particulièrement dans l'anémie pernicieuse. *C. rend. Soc. biol.*, 1935, 118: 1417-20. ——— & Hanák, M. Studien über die Spektrographie des Mageninhalt beim nüchternen Menschen. *Biochem. Zschr.*, 1935, 278: 105; 108.—Mattisson, K. Ueber die sogenannte Kapillaranalyse vom Magensaft nach Dr. I. Holmgren. *Arch. Verdauungskr.*, 1913, 19: 79-104.—Montemartini, G. Contributo allo studio refrattometrico del succo gastrico. *Probl. nutrit.*, Roma, 1926, 3: 22-7.—Okunev, D. F., & Markov, A. M. Zum Studium der Pylorusfunktion durch Bestimmung der Oberflächenspannung des Magensaftes. *Arch. Verdauungskr.*, 1929, 46: 324-36.

Removal.

See also Gastric juice, Loss.

FERGER, O. *Zur Geschichte und Technik der Magensondierung. 34p. 8°. Greifswald, 1929.

Bailey, H. Aspiration of the contents of the stomach. *Brit. M. J.*, 1929, 2: 854.—Batinkov, E. L. [Experimental results of investigating stomach contents with thick or thin sound] *Russ. klin.*, 1926, 5: 375-80.—Bichman, E. N. [Practical method of obtaining gastric contents for diagnostic purposes] *Sovet. vrach. gaz.*, 1932, 36: 371.—Branisteanu, D., Strat, C. C., & Fainita, D. I. Sur la sécrétion gastrique provoquée par la sonde duodénale. *Arch. mal. app. digest.*, Par., 1934, 24: 180-97.—Capucci, N. C. Aparato para extracción de jugo gástrico lavado del estómago y cálculo de su capacidad. *Sem. méd.*, B. Air., 1912, 19: pt 2, 940-3.—Einhorn, M. Simple and efficient method for the removal of gastric content. *Med.*

Times, N. Y., 1933, 61: 40.—Garin, C., Amic [et al.] Sécrétion gastrique déclanchée par la simple introduction du tube d'Einhorn (son absence chez un cocaïnomanie présentant une anathésie du voile du palais) *Lyon méd.*, 1929, 143: 580-4.—Germanov, A. J. [Examination of contents of stomach with narrow and wide sounds] *Russ. klin.*, 1928, 9: No. 47, 368-79.—Harmer, T. W., & Dodd, W. J. Sources of error in the use of the stomach-tube for diagnosis; preliminary report. *Arch. Int. M.*, 1913, 12: 488-502.—Hausdorf, G. Beitrag zur Indication und Methodik der Magen-Ausheberung sowie Bewertung der Saft-Analyse. *Deut. Aerzte Ztg.*, 1937, 12: No. 439.—Henius, M. Die Bedeutung des Magenschlauchs für die Diagnostik. *Deut. med. Wschr.*, 1912, 38: 501-3.—Kahn, G., & Stokes, J., jr. Effect of passage of stomach tube on titratable acidity and pH of the gastric contents. *Am. J. Dis. Child.*, 1926, 32: 667-71.—Kewdin, N. A., & Silwestrowa, J. S. Ueber die Methodik der Anwendung von dünner Sonde und über mechanische Magensekretion. *Arch. Verdauungskr.*, 1931, 50: 224-32.—Khurgin, M. I., & Reznik, A. I. [Parallel investigations of the gastric contents by the thick and thin tube] *Vrach. delo*, 1938, 20: 261-6.—Kurashkevich, G. A., & Tuleneva, N. A. [Mental changes caused by the stomach sound] *Klin. med.*, Moskva, 1931, 9: 610.—Moskowitz, S. L., & Wilhelm, C. M. A simple apparatus for removing gastric contents from dogs. *J. Lab. Clin. M.*, 1932, 18: 77-9.—Petrowych, A. Zur Frage über die einzeitige Ausheberung des Mageninhalt durch eine dünne Magensonde. *Arch. Verdauungskr.*, 1933, 54: 174.—Porges, O. Die diagnostische Bedeutung der Magen-Ausheberung nach Probemahlzeit. *Wien. klin. Wschr.*, 1927, 40: 791.—Posner, J. L., Myers, J. T., & Fodor, A. R. Modified apparatus for obtaining gastric contents. *J. Lab. Clin. M.*, 1938-39, 24: 315-8.—Schaverin, V. [From analysis to synthesis: critical review of methods of investigating the stomach with thin sound] *Vrach. gaz.*, 1927, 31: 1515-22.—Scheffel, I. N. Klinische Wertung der bei der Untersuchung des Mageninhalt mit dünner Sonde erhaltenen Resultate. *Arch. Verdauungskr.*, 1928, 42: 652-84.—Sergeev, A. K. [Possibility of using the small tube in Boas-Ewald's regular test meal] *Ter. arkh.*, 1932, 10: 227-32.—Weil, A. Ueber die Bestimmung der Mageninhaltmenge durch Ausheberung und ihre radiologische Kontrolle. *Munch. med. Wschr.*, 1912, 59: 1595.—Zarnitsky, E. A. [The use of a sound in determination of the secretion of the stomach] *Vrach. delo*, 1926, 9: 201-6.

Removal, fractional.

BEHRENS, H. H. L. A. *Ueber Magensaftuntersuchungen insbesondere über solche nach fraktionierter Ausheberung. 18p. 8°. Würzb., 1928.

GOTTSCHALK, H. F. *Ueber die fraktionierte Magenausheberung. 20p. 8°. Würzb., 1929.

KITTEL, W. E. W. *Ueber Ausheberung des Mageninhalt in zwei getrennten Portionen. 28p. 8°. Berl., 1912.

KRANZ, I. *Fraktionierte Magenausheberung ohne Probetrunck. 12p. 8°. Berl., 1935.

RIEMSCHEIDER, G. D. [W.] *Klinische Erfahrungen mit der fraktionierten Magen-ausheberung nach Alkoholprobefrühstück. 68p. 8°. Jena, 1930.

Antoniak-Czyżewska, Z. [Fractional, chemical examination of the contents of the stomach] *Polska gaz. lek.*, 1930, 9: 205-7.—Apperly, F. L. The acidity reduction test versus the fractional test meal. *Am. J. Digest. Dis.*, 1937-38, 4: 91-4. ——— & Semmens, K. M. The fractional test-meal in normal students; a comparison of results with those of other observers. *Med. J. Australia*, 1928, 2: 237-9.—Ballowitz, K. Die fraktionierte Magenausheberung, ihre theoretische und klinische Bedeutung und ihre Fehler. *Arch. Verdauungskr.*, 1930, 47: 169-98.—Barkhash, P. A., Katznelson, R. B., & Arievidt, D. V. [Fractional examination of the contents of the stomach with long slender sound, for the curve of acidity and other properties] *Russ. klin.*, 1929, 11: 178-95.—Bennett, T. I., Moffatt, P. McG. [et al.] Observations made by means of the fractional method of gastric analysis. *Proc. Physiol. Soc.*, Lond., 1920-21, 54: p. xlv.—Carroll, A. H. Fractional gastric analysis and gall-stone disease. *Maryland M. J.*, 1915, 58: 183-202.—Carson, W. W. Electronic implications in fractional gastric analysis. *J. Am. Electron. Res. Ass.*, 1939, 16: 133; 160.—Chaves, P. R., & Dias Amado, L. O método das extracções múltiplas do succo gástrico; relações dos seus resultados com a fiso-patologia da secreção. *Arq. pat.*, 1933, 5: 377-488, 3 pl. ——— A propósito do método de extracções múltiplas do succo gástrico. *Lisboa méd.*, 1935, 12: 731-70.—Copeman, W. S. C., & Hill, N. G. The clinical application of total chloride estimations in the fractional test-meal; with an analysis of a series in 50 normal children. *Q. J. Med.*, Oxf., 1928-29, 22: 33-41.—Debenedetti, V. Sul valore diagnostico dei metodi di sondaggio frazionato dello stomaco. *Riv. clin. med.*, 1927, 28: 45; 85.—Duthie, R. J. Fractional analysis of the gastric contents; a preliminary note on the variation of the free hydrochloric acid and total chlorides in the upper and

- lower parts of the stomach. Q. J. Med., Oxf., 1926-27, 20: 265-9.—**Elmer, W., & Scheps, M.** [Comparative studies of the gastric juice with ordinary and fractional extraction] Polska gaz. lek., 1930, 9: 1009-11.—**Faber, K., Holst, J. E., & Norgaard, A.** An investigation of the function of the stomach by fractional removal of the test meal. Acta med. scand., 1926, 64: 570-95. Also Ugeskr. læger, 1926, 88: 389-98.—**Galewski, H.** Ueber die Bedeutung der Dauersondierung für die Sekretionsdiagnostik des Magens. Med. Klin., Berl., 1926, 22: 451-3.—**Gergely, M.** [Fractional test meal] Budapesti orv. ujs., 1927, 25: 1245-9.—**Gianni, G.** La secrezione gastrica studiata nel lattante e nel bambino con il metodo dell'estrazione frazionata del pasto di prova. Riv. clin. pediat., 1934, 32: 676-725.—**Girardi, P.** Ueber den Wert der Magensaftuntersuchung bei Anwendung der Verweilschleife. Arch. Verdauungskr., 1926, 39: 360-72.—**Helebrandt, F. A., & Brogdon, E.** The validity of fractional gastric analysis. Am. J. Digest. Dis., 1935-36, 2: 402-8.—**Henderson, M. G.** An investigation of the gastric contents of 100 persons by means of the fractional test meal. Practitioner, Lond., 1929, 123: 348-62.—**Hess, H. H.** Zur fraktionierten Magenaussheberung. Deut. med. Wschr., 1926, 52: 359.—**Hesser, S.** [So-called fractional examination of gastric juice] Hygiea, Stockh., 1928, 90: 618-39.—**Hilpert, M.** A comparison of the ordinary stomach analysis and the fractional method. Southwest. M., 1918, 2: 4.—**Horn, F.** Ueber die Verwendung der Verweilschleife zur Prüfung der sekretorischen Funktion des Magens. Arch. Verdauungskr., 1926, 39: 123-9.—**Isaac-Krieger, K.** Zur Frage der klinischen Brauchbarkeit der Sekretionsprüfung des Magens mit der Verweilschleife. Ibid., 37: 442-54.—**Jakobson, L. A., & Scheweluchin, D. A.** Die fraktionierte Magenfunktionsprüfung und ihre klinische Bedeutung. Ibid., 39: 187-99.—**Jennings, A. F., & Witter, E. R.** Gastric analysis by the fractional method. J. Harper Hosp. Bull., Det., 1917, 1: 3-7.—**Katsch, C., & Kalk, H.** Zum Ausbau der kinetischen Methode für die Untersuchung des Magenchemismus. Klin. Wschr., 1926, 5: 1110-23.—**Kohiyar, A. J.** Notes on a consecutive series of 1,080 gastric analysis by the fractional method. Guy's Hosp. Rep., Lond., 1926, 76: 65-75.—**Kucharski, T.** [Fractional examination of the contents of the stomach and types of gastric secretions] Lek. wojsk., 1925, 8: 129-40.—**Lukantseva, L.** [Effect of repeated extractions of gastric juice for examination on certain chemical ingredients of the blood] Ter. arkh., 1935, 13: 101-6.—**McCracken, I. E.** Consecutive tests by the fractional method of gastric analysis. Edinburgh M. J., 1928, n. ser., 35: 674-736.—**McGrath, J.** Fractional test meals. Irish J. M. Sc., 1928, 6. ser., 588-93.—**MacLagan, N. F.** A statistical analysis of 389 fractional test meals, with special reference to duodenal regurgitation. Q. J. Med., Oxf., 1934, n. ser., 3: 321-40.—**Markov, A. M.** Ueber gleichzeitige fraktionierte Magen- und Duodenalsaftuntersuchung. Deut. Arch. klin. Med., 1927, 155: 129-40.—**Bedeutung der Kurven der Duodenalinaltsmenge und der Chloride. Zbl. inn. Med., 1928, 49: 442-4.**—**Morris, L. M.** The technique and clinical interpretation of the fractional method of gastric analysis. J. R. New. M. Serv., 1926, 12: 89-112.—**Musante, E.** La capacità secretiva gastrica studiata con il sondaggio in permanenza ed estrazione frazionata. Arch. pat., Bologna, 1929, 8: 514-42.—**Navarrete Sierra, A.** El análisis gástrico fraccional; estudio de la fase interdigestiva. Crón. méd. mex., 1931, 30: 320-4.—**Oliveira Bastos, C. de.** A exploração do quimismo gástrico pela prova fracionada de Katsch (técnica e valor clínico) Ann. paul. med., 1932-33, 24: 233-46.—**Técnica e valor pratico da prova fracionada de Katsch-Kalk para a exploração do chymismo gástrico.** Ibid., 1935, 30: 481-7.—**Patientier, M., Letulic, R., & Bergés, G.** Etude du chymisme gastrique par la méthode fraccionée. Presse méd., 1935, 43: 581-3.—**Patterson, J.** Fractional test-meal analysis; a simplified technique, with special reference to chloride estimations. Lancet, Lond., 1928, 1: 492.—**Pedrajas Cortés, A.** Estudios sobre jugo gástrico: Investigación del quimismo por la extracción fraccionada. Sem. méd., B. Air., 1929, 36: 838-42.—**Poiacco, E.** L'esame frazionato della funzionalità gastrica colla sonda a permanenza negli ammalati dell'apparechio digerente. Arch. ital. chir., 1927, 19: 165-88.—**Roaro, D. N.** Quimismo gástrico fraccionado. Rev. cir. Hosp. Juárez, Méx., 1936, 7: 111-4.—**Rohelm, K.** [Ascending curve in fractional examination of gastric contents] Hospitalstidende, 1932, 75: 530; 566.—**Rose, W. D.** Fractional gastric analysis. J. Arkansas M. Soc. 1922-23, 19: 187-92.—**Ruhe, H.** Die fraktionierte Magenaussheberung. Zschr. ärztl. Fortbild., 1929, 26: 550-5.—**Ryle, J. A., & Bennett, T. I.** Report on the after-histories of 120 healthy men examined with the fractional test-meal. Guy's Hosp. Rep., Lond., 1937, 87: 145-50.—**Saling, H.** Beobachtungen über den Eintritt von Duodenalinhalt in den Magen während der fraktionierten Ausheberung. Arch. Verdauungskr., 1926, 38: 338-46.—**Schali, F. A.** [Observations on fractional extraction of the gastric juice] Geneesk. gids, 1931, 9: 1017-34.—**Schindlbeck, R.** Ueber den wissenschaftlichen und praktischen Wert der fraktionierten Magenaussheberung. Deut. Arch. klin. Med., 1937, 180: 551-78.—**Seeber, F.** Zur klinischen Bedeutung der fraktionierten Magenaussheberung. Ibid., 1926, 153: 152-61.—**Skaller, D.** Die Untersuchung des Magens mittels Sekretionskurven. Verh. Berl. med. Ges. (1914) 1915, 45: 415-25.—**Sperling, R., & Jungbluth, E.** Ueber die Prüfung der kindlichen Magenfraktion mittels der fraktionierten Ausheberung. Jahrb. Kinderh., 1931-32, 3. F., 84: 29-39.—**Speroni, A., & Muscio, A. C.** Examen funcional del estómago; el examen fraccionado. Sem. méd., B. Air., 1930, 37: pt. 2, 307-10.—**Strauss, H., & Steinitz, H.** Die fraktionierte Ausheberung zur Gewinnung von Aziditätskurven in der Diagnostik der Magenkrankheiten. Samml. Verdauungskr., 1927, 10: H. 2, 1-71.—**Szilárd, Z.** Die Bedeutung des frühzeitigen Erscheinens von freier HCl bei der fraktionierten Magenaussheberung. Deut. med. Wschr., 1926, 52: 1780.—**Tiefensee, K.** Die fraktionierte Magenaussheberung als differentialdiagnostisches Hilfsmittel. Münch. med. Wschr., 1926, 73: 1401-3.—**Unger, R.** Eine neue Methode zur Bestimmung des Ablaufes der Magensekretion: die elektrometrische Verweilschleife. Arch. Verdauungskr., 1926, 37: 358-62.—**Uryson, A.** [Experimental and practical value of fractional examination of the contents of the stomach] Polska gaz. lek., 1932, 11: 4-8.—**Vander Hoof, D.** The fractional method of gastric analysis. South. M. J., 1916, 9: 683-5.—**Vasconcellos, F.** A prova de Katsch-Kalk nas gastropathias. Rev. As. paul. med., 1935, 7: 127-38.—**Winterstein, O.** Zur klinischen Bedeutung der Titration und Wasserstoffionbestimmung bei der fraktionierten Magenaussheberung. Arch. Verdauungskr., 1928, 42: 579-604, 3 ch.
- **Rhodan.**
- Brinck, J.** Die Bedeutung des Rhodans für die Autodesinfektion des Magens. Zschr. klin. Med., 1933, 123: 350-6.—**Kanitz, H. R.** Rhodanwasserstoffsäure im Magensaft. Arch. Verdauungskr., 1933, 54: 42-52.—**Lockemann, G., & Ulrich, W.** Ueber die Bedeutung des Rhodangehaltes des Magensaftes. Deut. med. Wschr., 1930, 56: 1900-2.—**Ueber Rhodangehalt und keimtötende Wirkung des menschlichen Magensaftes.** Arch. Verdauungskr., 1931, 50: 7-26.—**Kolorimetrische Bestimmung des Rhodangehaltes von Magensaften.** Biochem. Zschr., 1931, 243: 150-9.—**Riecke, E.** Ueber den Rhodangehalt des Magensaftes im Kindesalter. Zschr. Kinderh., 1932-33, 54: 408-12.
- **Secretion.**
- See also **Stomach, Physiology**; also in 3. ser. **Stomach, Secretion.**
- Ihre, B.** Human gastric secretion; a quantitative study of gastric secretion in normal and pathological conditions. 226p. 8°. Helsin., 1938.
- Forms Suppl. 95, Acta med. scand.
- Arloing, Cade & Bocca.** Contribution à l'étude expérimentale de la sécrétion gastrique chez le chien. C. rend. Soc. biol., 1922, 86: 45-7.—**Babkin, B. P.** Does the stomach secrete gastric juice continuously? In Contr. med. sc. (E. Libman) N. Y., 1932, 1: 113-23.—**Some recent advances in the physiology of gastric secretion.** Am. J. Digest. Dis., 1938-39, 5: 107-12.—**Bhatia, S. L., Patel, H. S., & Dundas, J. D.** Studies in gastric secretion. Ind. J. M. Res., 1931, 19: 259-80.—**Bloomfield, A. L.** Clinical aspects of gastric secretion. Ann. Int. M., 1932, 6: 307-10.—**Colombi, C., & Sacchi, U.** Ricerche sulla secrezione dello stomaco in un uomo portatore di fistola gastrica. Boll. Soc. ital. biol. sper., 1930, 5: 401-3.—**Costanzi, C.** Alcune ricerche sulla secrezione gastrica studiata col piccolo stomaco di Pavlov. Probl. aliment., Roma, 1935, 5: 29-49.—**Delrue, G.** Etude de la sécrétion de l'estomac; sécrétion acide de la muqueuse isolée de l'estomac de grenouille; sécrétion ou diffusion? action des ions. Arch. internat. physiol., Liège, 1933, 36: 129-36.—**Dienst, C.** Zu den Problemen der Magensekretion. Zschr. ges. exp. Med., 1932, 83: 718-20.—**Espe, D. L., & Cannon, C. Y.** Gastric secretion in ruminants. Am. J. Physiol., 1937, 119: 720-3.—**Ferger, O.** Magensaftsekretion und Chlormobilisation. Zschr. klin. Med., 1930, 114: 161-3.—**Friedman, M. H. F.** Gastric secretion in birds. J. Cellul. Physiol., 1939, 13: 219-34.—**Gill, A. M.** Gastric secretion in man; a review. Middlesex Hosp. J., 1939, 39: 148-53.—**Gregersen, J. P.** [Examination of ventricular secretion in the course of digestion] Hospitalstidende, 1913, 5. R., 6: 209; 252.—**Hallén, L.** Gastric secretion. Acta med. scand., 1938, 96: Suppl. 90, 398-405.—**Hirohata, S.** Observations of the gastric secretion in dogs. Tohoku J. Exp. M., 1936, 28: 106-36.—**Iagnov, S., & Dichter, J.** Contribution à l'étude du chymisme gastrique. Arch. mal. app. digest., Par., 1937, 27: 140-58.—**Itoh, Y.** Ueber die Magensaftsekretion. Jap. J. M. Sc., 1936-38, 4: Biophysics, 132-5.—**Kark, R. M., & Davis, J. J.** Observations on gastric secretion. Guy's Hosp. Rep., Lond., 1936, 86: 497-501.—**Klump, T. G., & Bowie, M. A.** Studies on gastric secretion. J. Clin. Invest., 1933, 12: 1-12.—**Kohn, E., & Gutmann, M.** Magensekretionsstudien. Med. Klin., Berl., 1927, 23: 938-41.—**Martin, I.** Recent investigations on the physiology of gastric secretion and the relation to clinical medicine. Delaware M. J., 1935, 7: 141-5.—**Some of the recent biochemical concepts of gastric secretion and their application to clinical medicine.** Ann. Int. M., 1938-39, 12: 614-23.—**Molnár, B.** [Experimental investigation of the physiological and pathological mechanism of gastric juice secretion, and clinical reflexions based thereon] Orv. hetil., 1910, 54: 205; 228; 248.—**Morrison, S.** A modern conception of gastric secretory functions based upon recent investigations and newer interpretations. Tr. Am. Gastroenter. Ass., 1938, 41. meet., 139-49. Also Am. J. Digest. Dis., 1938-39, 5: 617-27.—**Orlowski, W.** [Secretory functions of the stomach] Polska gaz. lek., 1927, 6: 843-5. Also Ann. méd., Par., 1928,

22: 277-91.—Pollock, R. Some recent studies in gastric secretion. *California J. M.*, 1915, 13: 271-4.—Romano, N., Maggi, A., & Crotonini, A. Estudio dinámico de la secreción gástrica. *Rev. As. méd. argent.*, 1939, 53: 134-41.—Sheftel, I. N. [Study of gastric secretion] *Russ. klin.*, 1929, 11: 49-62.—Some problems of gastric secretion. *Brit. M. J.*, 1939, 2: 175-7.—Taylor, N. B. The secretion of gastric juice. *Univ. Toronto M. J.*, 1929-30, 7: 3-9.—Teorell, T. Untersuchungen über die Magensaftsekretion. *Skand. Arch. Physiol.*, Berl., 1933, 66: 225-317. Also repr.—Wittenberg, A. A. Studies on gastric secretion. *Rep. Wayne Co. M. Soc.*, 1933-34, 4: 19-23.—Yamamoto, O. Ueber die sekretorische Funktion des Magens bei verschiedenen Tieren. *Jap. J. Gastroenter.*, 1935, 7: 748-802.—Yuba, M., Orii, K., & Ouchi, S. Experimental study of gastric secretion by means of Mann and Bollman's gastrotomy. *J. Orient. M.*, Dairen, 1938, 28: 82.

— Secretion, deficient.

See also subheadings (Acidity: Disorders; Hydrochloric acid, deficient) also **Achlorhydria**; **Achylia**.

ADLER, R. *Die Magensekretion bei Achylie, Hypo- und Achlorhydrie. 31p. 8°. Bonn, 1934.
LINDGREN, S. Eine Studie über depressive Sekretionsanomalien des Magens auf Grund eines vom Bevölkerungsstandpunkt einheitlichen Materials aus der Provinz Västerbotten im nördlichen Schweden. 235p. 8°. Lund, 1932.

Cain, A., & Claisse, R. Les insuffisances sécrétoires de l'estomac. *Bull. méd. Par.*, 1939, 53: 853-7.—Delhougne, F. Klinische und experimentelle Studien zur verminderten Salzsäure- und Fermentabscheidung des Magens. *Arch. Verdauungskr.*, 1929, 45: 294-322.—Faber, K., & Holst, J. E. Untersuchungen über die Ventrikelsekretion bei Achylia und Hypochylia gastrica. *Acta med. scand.*, 1928, 69: 46-68.—Faroy, G., & Deron, R. L'insuffisance sécrétoire de l'estomac et son traitement par l'acétylcholine. *Rev. méd. fr.*, 1933, 14: 455-60.—Gianni, G. La terapia sostitutiva nelle iposecrezioni gastriche infantili, studiata a mezzo dell'estrazione frazionata del succo gastrico. *Lattante*, 1934, 5: 87-95.—Gilbert, A., & Modiano, L. De l'action du bicarbonate de soude sur le chimisme stomacal dans l'hypopépsie. *C. rend. Soc. biol.*, 1894, 10. ser., 1: 607-10.—Jarotskii, A. I. [Treatment of diseases of the stomach, due to low secretory activity] *Arkh. klin. eksp. med.*, 1924, 3: pt 4, 7-19.—Lim, R. K. S., & Liu, A. C. Ermüdung der Magen-sekretion. *Arch. ges. Physiol.*, 1926, 211: 647-62.—Lyon, G. L'apésie. *Bull. méd. Par.*, 1938, 52: No. 21, Suppl., 1-4.—Marcus, J. M. The importance of gastric secretory hypofunction. *Med. Clin. N. America*, 1927, 10: 1033-41.—Will, G. Der Saftmangel des Magens. *Münch. med. Wschr.*, 1938, 85: 541-4.

— Secretion: Disorders.

See also subheadings **Acidity**; **Chemistry**; **Chloride**, &c.

Abramson, L. [Frequency of heterochylia gastrica] *Hygiea*, Stockh., 1928, 90: 401-12.—Appel, M., & Necheles, H. Gastric secretion in extragastric malignancy. *Am. J. Physiol.*, 1939, 126: 423.—Arnold, W., & Schechter, M. Zur Pathogenese der Sekretionsstörungen des Magens; Beziehungen zwischen Magen und Duodenalsaft; Abhängigkeit der sekretorischen Magenfunktion von Leber- und Pankreasstätigkeit. *Deut. med. Wschr.*, 1926, 52: 96. Einige Untersuchungen über den Serumfarbstoffgehalt bei Sekretionsstörungen des Magens. *Ibid.*, 270; 1292. — Zur Pathogenese der Sekretionsstörungen des Magens; Magensaftsekretion und Diurese. *Ibid.*, 651. — Sekretionsstörungen und Säurebasengleichgewicht. *Ibid.*, 1642.—Aronson, E. I., & Temper, B. A. [Changes in the secretory function of the stomach in affections of the stomach and gall-bladder] *Kazan. med. J.*, 1939, 35: No. 2-3, 20.—Arshavsky, J. A. Ueber den Einfluss von Hautkrankheiten und Eitergeschwüren auf die Tätigkeit der Magendrüsen (ihre Bedeutung zum Verständnis des Mechanismus der zweiten Phase der Magensekretion) *Arch. Verdauungskr.*, 1929, 46: 345-55.—Ayres, S., jr. Gastric secretion in psoriasis, eczema and dermatitis herpetiformis. *Arch. Derm. Syph.*, Chic., 1929, 20: 854-9.—Badykess, S. O. [Etiology, pathogenesis, and classification of secretory diseases of the stomach] *Klin. med.*, Moskva, 1932, 10: 786-92.—Becker, K. P., & Feldhaus, J. Die Tagesmengen der Wasser-, Salzsäure- und Chloridsekretion des gesunden und des ulcuskranken menschlichen Magens. *Deut. Arch. klin. Med.*, 1933-34, 176: 138-48.—Benassi, E., & Montagnini, L. Il trattamento colle onde corte nelle turbe della secrezione gastrica. *Policlinico*, 1937, 44: sez. med., 353-68.—Bologna, A. Ricerche sul comportamento del chimismo gastrico negli epato- e nei coleistico-pazienti. *Clin. med. ital.*, 1939, 70: 151-70.—Bonem, P., & Eggert, K. Ein Beitrag zur pathologischen Physiologie der Sekretion des Magensaftes. *Deut. Arch. klin. Med.*, 1927-28, 158: 136-41.—Brooke, C. O. S. B. Gastric secretion in phthisis. *Lancet*, Lond., 1928, 2: 1128.—Cardini, C. Tratamiento dietético de los trastornos secretorios del estómago. *Día méd.*, B. Air., 1930-31, 3: 841.—Carnevali, G. Il comportamento del succo gastrico in varie malattie gastro-duodenali ed epatiche. *Gazz.*

internaz. med. chir., 1934, 42: 329-37.—Chêne, P., & Bérardier, G. Le chimisme gastrique dans les cholécystites; son intérêt diagnostique. *Progr. méd.*, Par., 1929, 44: 1109.—Dienst. Fortschritte in der Bekämpfung abnormer Magensekretion. *Fortsch. Ther.*, 1933, 9: 586-90.—Eggleston, E. L. Gastric secretory disturbances. *Bull. Battle Creek San.*, 1924-25, 20: 89-95.—Fokke Meursing [Unusual contents of the stomach] *Ned. tsschr. geneesk.*, 1914, 251-9.—Fouts, P. J., Helmar, O. M., & Zerfas, L. G. Gastro-intestinal studies; the volume of the gastric juice in pernicious anemia. *Am. J. Digest. Dis.*, 1936-37, 3: 904-6.—Geréb, I. Das Prinzip der Puffertherapie der Sekretionsstörungen des Magens. *Wien. med. Wschr.*, 1938, 88: 1030. — & Körössy, F. [Treatment of disorders of gastric secretion with buffer solutions] *Gyógyászat*, 1934, 74: 146-9.—Gerli, P. Attività secretiva dello stomaco e insufficienza di cuore. *Osp. maggiore*, Milano, 1933, 21: 665-70.—Goldhamer, S. M. The gastric juice in patients with pernicious anemia in induced remission. *Am. J. M. Sc.*, 1937, 193: 23-8.—Gordienko, A. N., & Medvedev, N. V. Effect of anaphylactic shock on gastric secretion. *Bull. biol. méd. exp. URSS*, 1938, 6: 431.—Greco, T. Rilievi sul chimismo gastrico nella diagnosi delle affezioni chirurgiche dello stomaco. *Riv. clin. med.*, 1930, 31: 901-915.—Hartfall, S. J. The secretion of gastric juice in response to histamine in Addisonian anaemia. *Guy's Hosp. Rep.*, Lond., 1933, 83: 37-46.—Heimberger, W. Diagramm und Blutkochsalzwerte nach Probe-mahlzeit bei inneren Krankheiten, unter besonderer Berücksichtigung von Magenkrankungen. *Zschr. ges. exp. Med.*, 1939, 105: 337-44.—Hermanns, L., & Sakr, J. M. Ueber die Regulierung des Säurebasengleichgewichtes bei den Sekretionsstörungen des Magens. *Klin. Wschr.*, 1927, 6: 1367-70.—Hermanns, L., & Salachow, J. Ueber den Ablauf der digestiven Tagesschwankungen des Urins bei den Sekretionsstörungen des Magens. *Deut. Arch. klin. Med.*, 1927, 157: 98-107.—Hernando, T. Alteraciones de la secreción del jugo gástrico en los enfermos hipertiroides. *Progr. clin. Madr.*, 1928, 36: 170-6.—Holler, G. Untersuchungen über den Chlorstoffwechsel bei Sekretionsstörungen des Magens. *Wien. Arch. inn. Med.*, 1926, 12: 515-68. Also *Wien. med. Wschr.*, 1926, 76: 1429. — & Bloch, J. Ueber Abweichungen des Chlorstoffwechsels bei Sekretionsstörungen des Magens. *Ibid.*, 39: 1441; 1485. Also *Arch. Verdauungskr.*, 1926, 38: 351; 359; 2 tab., 39: 388, 4 tab. — Studien über die gegenseitigen Beziehungen des Magen-vorganges zur Reaktion des Blutes; Untersuchungsergebnisse bei pathologischen Sekretionszuständen des Magendrüsenapparates. *Wien. klin. Wschr.*, 1927, 40: 1247-9. — & Veessler, J. Untersuchungen über den Chlorstoffwechsel bei Sekretionsstörungen des Magens. *Zschr. klin. Med.*, 1926, 104: 412-45. Also *Wien. Arch. inn. Med.*, 1927, 14: 21; 75.—Koopman, I. De betekenis der secretieanomalieën van den maag voor den officier van gezondheid. *Mil. geneesk. tsschr.*, 1916, 20: 72-86.—Kozawa, S., Fukushima, K. [et al.] Ueber das Verhalten der Ionen im Magensaft bei verschiedenen Patienten. *Jap. J. M. Sc.*, 1933, 3: Int. M., 15-32.—Krause-Wichmann. Magensaftsekretion und Pupillenweite. *Klin. Wschr.*, 1926, 5: 1963-5.—Luis y Yague, R. Sobre heteroquilia. *Siglo méd.*, 1916, 63: 197.—Lurje, H. S. Ueber den Blutgasgehalt bei einigen pathologischen Zuständen der Magensekretion. *Arch. Verdauungskr.*, 1927, 41: 30-9.—Martinkovsky, B. T. [Stomach secretion in normal and pathological states of health] *Mosk. med. J.*, 1928, 8: 8-17.—Mazzoleni, L., & Fenwick, G. Studio dei principali componenti inorganici ed organici del succo gastrico e dei loro rapporti in condizioni normali e patologiche. *Arch. ital. mal. app. dig.*, 1938, 7: 418-53.—Mikulowski, V. Disturbances of humoral equilibrium; a new vascular-endocrine-autonomic complex accompanied by cylinduria. *Arch. Pediat.*, N. Y., 1927, 44: 356-67.—Minami, D. Ueber die Sekretion und die Fermente des Magens bei Hunden nach Phosphorvergiftung und bei künstlich erzeugten Anämien. *Virchows Arch.*, 1912, 208: 13-20.—Murata, S. Ueber den Einfluss der Funktionsstörung der Leber auf die Magensekretion. *Jap. J. M. Sc.*, 1936-38, 4: Int. M., 377.—Necheles, H., Appel, M. [et al.] Gastric secretion in extragastric malignancy. *Am. J. Digest. Dis.*, 1939-40, 6: 261-3.—Nikolaev, A. N. [Water and liquids, aggravating pain in secretory diseases of the stomach] *Klin. med.*, Moskva, 1930, 8: 495-9.—Noponen, P. [Nocturnal gastric secretion in patients with ulcer and disease of stomach] *Orvosképzés*, 1939, 29: 351-5.—Patterson, S. W. The pathology of gastric secretion. *Med. Press & Circ.*, Lond., 1929, n. ser., 128: 70-2.—Pron, L. Sur le chimisme gastrique et la valeur des diverses méthodes de diagnostic des gastropathies. *J. méd. Paris*, 1933, 53: 442.—Racugno, A. Modificazioni del chimismo gastrico in bambini malarici e leishmaniotici. *Riv. malariol.*, 1937, 16: 446-60. — Sul chimismo gastrico dei lattanti nelle malattie acute e croniche della nutrizione. *Riv. clin. pediat.*, 1939, 37: 265-72.—Sakanian, S. S. [Reflex gastric secretion in fever] *Bull. biol. méd. exp. URSS*, 1939, 7: 184-8. Also *Biull. eksp. biol. med.*, 1939, 7: 192-6.—Samarin, N. N. [Determination of gastric secretion in acute intestinal obstruction] *Vest. khir.*, 1937, 50: 113-20.—Schawerin, W. M. Störung der wasserabsondernden Funktion der Pepsindrüsen und ihre Bedeutung für die Diätetik der Magenkrankungen. *Arch. Verdauungskr.*, 1933, 53: 226-35.—Schemensky, W. Fortschritte der Therapie sekretorischer Fehlleistungen des Magens. *Fortsch. Ther.*, 1935, 11: 331-6.—Sokolowski, A. [Application of genesine in the treatment of disorders of the secretory functions of the stomach] *Polska gaz. lek.*, 1929, 8: 545.—Vancura, A. [Correlation of gastric secretory disturbances and the acid-base equilibrium] *Cas. lek. česk.*, 1928, 67:

572-6.—Vladimirsky, V. V. [Normal and pathological forms of gastric secretion] Ter. arkh., 1933, 2: 395-404.—Wagner, K. H. Ueber die Phosphorsäure im Magensaft bei Erkrankungen des gastralen Systems. Arch. Verdauungskr., 1937, 62: 195-208, tab.—Wawrzyniak, S. [Disturbances of gastric secretion in pernicious anemia] Nowiny lek., 1937, 49: 688.—Wilkinson, J. F. The gastric secretion in cases of diarrhoea and sore tongue. Clin. J., Lond., 1931, 60: 64-8.—Witts, L. J. Gastric secretion in health and disease. S. Barth. Hosp. J., Lond., 1935-36, 43: 167; 182.—Yohitsu Kin. Studien über den Magensaft; über den Magensaft der Magenkranken. J. Chosen M. Ass., 1933, 23: 70-2.—Zukschwerdt, L. Ueber Veränderungen der Magensaftsekretion als Folge verzögerter Entleerung. Zschr. ges. exp. Med., 1931, 79: 578-606.

Secretion: Endocrine aspects.

Arzt, F. On the gastric juice during pregnancy. Am. J. Obst., 1926, 12: 879-83.—Badykies, S. O. Ovarialfunktion, Schwangerschaft, Lactation und Magensekretion. Zschr. ges. exp. Med., 1929, 64: 150-69.—Caffaratto, T. M. Sul rapporto tra l'acidità gastrica e la crisi sanguigna nella gravidanza normale. Ginecologia, Tor., 1938, 4: 184-94.—Vasciaveo, L. Ricerche sulla funzione secretoria gastrica in gravidanza. Ibid., 1937, 2. ser., 3: 424-38.—Culmer, C. U., Atkinson, A. J., & Ivy, A. C. Depression of gastric secretion by the anterior pituitary-like fraction of pregnancy urine. Endocrinology, 1939, 24: 631-7.—Cutting, W. C., Dodds, E. C. [et al.] Pituitary control of alimentary blood flow and secretion; gastric secretion and blood flow in hypophysectomized animals. Proc. R. Soc., Lond., 1937, ser. B, 123: 49-59.—Destrée, P. A propos de l'influence des extraits parathyroïdiens sur la teneur en sucre du suc gastrique. Ann. Soc. sc. méd. natur. Bruxelles, 1935, 93: 126.—Dionesov, S. M. [Mechanism of the inhibitory effect of pituitary gland extracts on the secretion of the gastric glands] J. physiol. USSR, 1936, 20: 405-17.—Dodds, E. C., & Noble, R. L. The action of pituitary extracts on gastric secretion. Proc. R. Soc. M., Lond., 1936-37, 30: 815.—Drouet, P. L., & Simonin, J. Action de l'extrait post-hypophysaire sur la sécrétion gastrique; application au traitement de l'hyperchlorhydrie et de l'ulcère gastro-duodénal. Bull. Acad. méd., Par., 1932, 3. ser., 107: 30-5.—Eidinova, M. L. [Effect of hormones on the excitability of digestive glands; effect of prolactin on gastric secretion] J. Physiol. USSR, 1940, 28: 354-9.—Elkeles, A. Ueber den Einfluss des Hypophysins auf den Magenchemismus. Zschr. ges. exp. Med., 1926, 51: 147-57.—Felson, H., & Schiff, L. The effect of anterior pituitary-like hormone on gastric acidity in man. Am. J. Digest. Dis., 1938-39, 5: 777.—Ferrari, R. Azione degli ormoni sulla secrezione dei fermenti digestivi; influenza della paratiroideotomia sulla composizione del succo gastrico. Boll. Soc. ital. biol. sper., 1934, 9: 1323-5.—Influenza della insulina sulla composizione del succo gastrico. Ibid., 1935-8.—Azione degli ormoni sulla secrezione dei fermenti digestivi; influenza della tiroide sulla composizione del succo gastrico. Ibid., 1930-2.—Azione degli ormoni sulla secrezione dei fermenti digestivi; influenza della adrenalina sulla composizione del succo gastrico. Arch. fisiol., Fir., 1935-36, 35: 137-44.—Filla, E., & Del Piero, O. Insulina e chimismo gastrico. Minerva med., Tor., 1933, 24: pt 2, 222-7.—Fröhlich, E. Die Wirkung von Hypophysenvorderlappenhormon auf die Magensekretion und Chromoskopy. Med. Klin., Berl., 1936, 32: 1707.—Gasiunas, J. Ueber den Einfluss der Kastration auf die Magensaftsekretion (nebst Beobachtungen über die Wirkung von Extrakten anderer innersekretorischer Drüsen auf die gleiche Funktion) Arch. Verdauungskr., 1926, 38: 311-24.—Gayet, R. Le lobe postérieur de l'hypophyse et la sécrétion gastrique. Rev. prat. biol. appl., Par., 1937, 30: 321-9.—Grossman, L., & Goldman, L. [Data on relation between endocrine-nervous apparatus and gastric secretion] Vrach. delo, 1927, 10: 1616-9.—Hofstein, J. Action de l'insuline sur la sécrétion gastrique. Arch. mal. app. digest., Par., 1933, 23: 808-26.—Horstmann, P. [Comparison between insulin and histamin as stimulants of gastric secretion] Nord. med., 1939, 4: 3566-8.—[Certain investigations on the effect of insulin on gastric secretion] Ugeskr. laeger, 1939, 101: 935-8.—Kiriha, S. Ueber den Einfluss des Insulins auf die Magensaftsekretion. J. Orient. M., Dairen, 1928, 9: 11.—Klein, E. Gastric secretion; increased acid secretion in a transplanted gastric pouch during lactation. Arch. Surg., 1933, 26: 235-45. Also repr.—Labate, J. S. The effect of pregnancy on gastric secretion. Am. J. Obst., 1939, 38: 650-3.—Langeron, L., Paget, M., & Danès, A. Action des extraits de post-hypophyse sur la sécrétion gastrique; valeur thérapeutique de ces extraits. Rev. fr. endocrin., 1936, 14: 28-33.—Action des extraits post-hypophysaires sur la sécrétion gastrique. C. rend. Soc. biol., 1936, 121: 33-5.—Sécrétion gastrique et extraits parathyroïdiens. Rev. fr. endocr., 1937, 15: 261-72.—Lesnoi, N. G., & Nikolaichuk, S. N. [The effect of insulin on gastric secretion] Bull. biol. méd. exp. URSS, 1939, 7: 483-5.—Mahler, P. Die Adrenalinmagensaftreaktion. Med. Klin., Berl., 1929, 25: 1498-500.—Mason, L. W. Gastric acidity in pregnancy. Colorado M., 1931, 28: 392.—Mediakov, F. S. [Effect of adrenalin and morphine on the secretion of the gastric juice of the swine] Bull. eksp. biol. med., 1939, 8: 155. Also Bull. biol. méd. exp. URSS, 1939, 8: 170.—Nakai, T. On the gastric juice of the pregnant woman. J. Biochem., Tokyo, 1925, 5: 465-77.—Negri, C. Azione degli estratti di lobo ipofisario posteriore sulla secrezione gastrica e su alcune componenti del ricambio minerale nell'uomo e nell'animale,

Arch. sc. med., Tor., 1935, 59: 381-428.—Papp, J. [Internal secretion and formation of gastric juice] Orv. hetil., 1938, 82: 806-8.—Weimann, M. [Calcium metabolism and gastric secretion; its modification by parathyroid hormone] Gyógyászat, 1936, 76: 768-70.—Quinones, M. Insulina y secreción gástrica. Medicina, Méx., 1928, 9: 65-75.—Rafferty, M. A., Van Liere, E. J., & Sleeth, C. K. The effect of ephedrine on the secretion of acid by the human stomach. Am. J. Digest. Dis., 1937-38, 4: 366-8.—Roholm, K. [Effect of epinephrine on gastric secretion] Hospitalstidende, 1930, 73: 1051-8.—Salvatore, U. L'insulina nella prova della secrezione gastrica. Minerva med., Tor., 1933, 24: 406-9.—Schiff, L., Felson, H. [et al.] The effect of estrogenic hormone on gastric acidity. Am. J. Digest. Dis., 1938-39, 5: 292-4.—Shershevsky, G. M. [Effect of pituitary extracts on gastric secretion] Klin. med., Moskva, 1933, 11: 170-4.—Weiss, A., & Gerez, L. Beitrag zur Frage der Magensekretion während der Schwangerschaft. Zschr. ges. exp. Med., 1936-37, 100: 289-93.

Secretion: Examination.

See also subheadings Acidity: Examination; Chemistry, &c.

Bloomfield, A. L., & Pollard, W. S. The diagnostic value of studies of gastric secretion. J. Am. M. Ass., 1929, 92: 1508-13. Also repr.—Boenheim, F. Neue methodische Untersuchungen der Magensekretion. Aerzt. Rdsch., 1926, 36: 65-7.—Dahl-Iversen, E. Examens de la sécrétion gastrique chez des hommes normaux. Lyon chir., 1926, 23: 14-29.—Goia, I. [Value of examination of gastric secretion in affections of the stomach] Cluj. med., 1936, 17: 331-8.—Govaerts, A., & Cornil, M. L'examen de la fonction sécrétoire de l'estomac. Bruxelles méd., 1925-26, 6: 1545-8.—Lasch, F. Vergleichende Untersuchungen über den Wert der Magensekretionsprüfung im höheren Lebensalter und ihre differentialdiagnostische Bedeutung. Med. Klin., Berl., 1931, 27: 1031.—Leschke, E. Zur Technik der Untersuchung der Magensaftsekretion. Klin. Wschr., 1926, 5: 342.—Petrović, A. Zur Analyse der Magensekretion beim Menschen (zugleich ein Beitrag zur Frage der experimentellen Achylie) Arch. Verdauungskr., 1934, 55: 213-22.—Steinitz, H. Die Prüfung der Magensaftsekretion in ihrer praktischen Bedeutung. Med. Welt, 1929, 3: 962-5.

Secretion: Examination: Histamine test.

BRANSCHI, W. *Ueber den Wert der Magen-funktionsprüfung mittelst Histamin [Lausanne] 25p. 8°. Derendingen, 1930.

DIETERICH, W. [R.] *Funktionsprüfung des Magens vom Hund nach subkutaner Injektion von Histamin. 39p. 8°. Lpz., 1930.

JOSEPH, G. *Contribution à l'étude du chimisme gastrique par l'épreuve de l'histamine dans les gastropathies et plus spécialement les gastropathies fonctionnelles. 118p. 8°. Lyon, 1937.

MARTINI HERRERA, P. *Contribución al estudio del quimismo gástrico; la prueba de la histamina. 79p. 8°. Valparaiso, 1928.

ZWECKER, H. *Ueber die Wirkung von Histamin, Histamin-Atropin und Histamin-Pilokarpin auf die Magensekretion. 19p. 8°. Berl., 1932.

Alley, A. The inhibitory effect of histamine on gastric secretion. Am. J. Digest. Dis., 1934-35, 1: 787-94.—Allodi, A. L'impiego della istamina per lo studio della funzionalità gastrica con speciale riguardo alle achilie. Minerva med., Tor., 1928, 8: 927-44.—Andreoli, G. L'esame del succo gastrico ottenuto con la istamina nella pratica clinica. Gior. med. prat., 1927, 9: 14-9.—Andresen, A. F. R. Fractional gastric analysis with histamine. Tr. Am. Gastroenter. Ass. (1926) 1927, 29: 52-70. Also Ann. Clin. M., 1926-27, 5: 472-82.—Austin, J. H., & Gammon, G. D. Gastric secretion after histamine: sodium and potassium content and pepsin estimation. J. Clin. Invest., 1931, 10: 287-307.—Babkin, B. P. The value of histamine as a test of gastric secretion from a physiological point of view. Canad. M. Ass. J., 1930, 23: 268-72.—Barco, P. La prova dell'istamina nell'indagine della potenzialità funzionale dello stomaco. Minerva med., Tor., 1927, 7: 200-15.—Berghud, H., Wahlquist, H., & Sherwood, K. K. Hydrochloric acid and total chlorine content of pure gastric juice produced after histamine injection. Proc. Soc. Exp. Biol., N. Y., 1926-27, 24: 927-9.—Berri, P., & Weinberger, M. La prova dell'istamina nella diagnosi delle affezioni gastriche. Riforma med., 1926, 42: 1205-10.—Bickel, A. Ueber die Angriffspunkte von Histamin und Alkohol auf die Magendrüsenzellen. Klin. Wschr., 1927, 6: 208.—Blakely, A. P. L., & Wilkinson, J. F. The influence of histamine and pilocarpine on the human gastric secretion. Brit. J. Exp. Path., 1933, 14: 349-54.—Bockus, H. L., & Bank, J. The value of histamine as a test for gastric function. Arch. Int. M., 1927, 39: 508-19.—Bonorino Udaondo, C., & Sanguinetti, L. V. Estudio de la función secretora del estómago por las inyecciones de histamina. Rev. Soc. med. int., B. Air., 1926,

- 2: 628-35.—**Boyd, T. E.** The influence of alkalis on the secretion and composition of gastric juice; the effect of sodium bicarbonate on the gastric response to histamine. *Arch. Int. M.*, 1928, 41: 244-8.—**Brancati, R.** La prova dell'istamina nello studio della secrezione gastrica. *Policlinico*, 1928, 35: sez. chir., 18-23.—**Chang, Hsiao-Chien.** Gastric analysis by the histamine method. *Nat. M. J. China*, 1930, 16: 59-64.—**Ciocca, E.** La prova con l'istamina della funzionalità gastrica in chirurgia e sua relazione con il pasto di prova. *Clin. chir.*, Milano, 1927, 30: 1041-72.—**Coari, A.** La prova dell'istamina per saggiare la funzionalità gastrica nei bambini. *Pediatria (Riv.)*, 1927, 35: 365-70.—**Comfort, M. W., & Osterberg, A. E.** Gastric secretion after stimulation with histamine in the presence of various types of gastric and duodenal lesions. *Proc. Mayo Clin.*, 1931, 6: 395. Also *J. Am. M. Ass.*, 1931, 97: 1141-6.—**Cuny, L.** Sur l'exploration fonctionnelle de l'estomac par l'épreuve de l'histamine. *Rev. prat. biol.*, Par., 1926, 19: 323-5.—**Debenedetti, V.** Il saggio gastrico dell'istamina. *Policlinico*, 1927, 34: sez. prat., 1423-9.—**De Franchesi, G.** Ricerche sull'azione dell'istamina: l'azione farmacodinamica in generale e quella speciale sulla secrezione gastrica. *Rass. clin. ter.*, 1933, 32: 225-46.—**Delrue, G.** Etude de la sécrétion acide de l'estomac; sécrétion acide de la muqueuse isolée de l'estomac de grenouille; technique; action de l'histamine et de la pilocarpine. *Arch. internat. physiol.*, Liège, 1930-31, 33: 196-216.—**Dérér, L., & Separović, N.** [Secretion of the gastric juice after histamin test] *Bratisl. lek. listy*, 1927, 7: 544-52.—**Dinkin, L., & Wolff, W.** Zur Methodik der Magenfunktionsprüfung; die Beziehung der Aciditätskurve zur tatsächlich erfolgten Sekretion nach Histaminreiz. *Klin. Wschr.*, 1931, 10: 1025-7.—**Drouet, P. L.** Etude du chimisme gastrique par l'histamine. *Rev. méd. est.*, 1930, 58: 145-56.—**Enachesco, M., Samboteanu, S., & Schwartz, I.** Recherches sur la sécrétion gastrique après histamine chez l'homme normal. *Bull. Soc. méd. hôp. Bucarest*, 1939, 21: 266-79.—**Faroy, G., & Hodac-A. N.** Quelques observations sur les sucs d'histamine. *Arch. mal. app. digest.*, Par., 1932, 22: 825-33.—**Fatzer, H.** Ueber fraktionierte Magenausheberung nach Histaminverabreichung. *Schweiz. med. Wschr.*, 1935, 65: 113.—**Fernández Martínez, F.** La prueba de la histamina en el diagnóstico de las gastropatías. *Med. ibera*, 1934, 28: pt 2, 89-92.—**Froehlich, E., & Brüll, Z.** Beiträge zum Mechanismus der Magensaftsekretion; die Magensaftsekretion nach enteraler und parenteraler Zufuhr von Histamin. *Arch. Verdauungskr.*, 1935, 57: 169-76.—**Funding, T.** [Fractional alcohol and histamin test-meals] *Ugeskr. læger*, 1928, 90: 1071-4.—**Gallart Monés, F., Vilardell, J., & Babot, P.** Sobre la secreción gástrica histáminica. *Arch. med.*, Madr., 1927, 27: 273-84. Also *Rev. méd. Barcelona*, 1927, 2. ser., 8: 193-214.—**Gammon, G. D.** An evaluation of the various methods of gastric analysis with especial reference to the histamine test. *Pennsylvania M. J.*, 1930-31, 34: 166-9.—**Gianotti, M.** Studio sulla secrezione gastrica da istamina. *Arch. sc. med.*, Tor., 1935, 60: 721-32.—**Gilbert, A., Bénard, H., & Bontier, L.** L'étude du chimisme gastrique par l'histamine. *Paris méd.*, 1926, 59: 203-8.—**Gompertz, L. M., & Cohen, W.** The effect of smaller doses of histamin in stimulating human gastric secretion. *Am. J. M. Sc.*, 1929, 177: 59-64.—**Grimbert, L., & Fleury, P.** Sur la composition chimique des sucs gastriques d'histamine. *C. rend. Soc. biol.*, 1929, 100: 244; 312; 404.—**Contribution à la connaissance de la composition chimique des sucs gastriques d'histamine chez l'homme.** *J. pharm. chim.*, Par., 1929, 8. ser., 9: 241; 321. Also *Bull. Soc. chim. biol.*, Par., 1929, 11: 1105-22.—**Haft, H. H.** The use of histamin hydrochloric acid as a test meal. *Ann. Int. M.*, 1932, 5: 1175-7.—**Harmelin, L.** L'action de l'histamine sur la sécrétion gastrique. *Bull. méd.*, Par., 1927, 41: 118.—**Ichok, G.** L'histamine et la sécrétion gastrique. *Presse méd.*, 1926, 34: 1224-6.—**Kantorovich, Y.** [Diagnostic and therapeutic value of histamin in diseases of the stomach] *Sovet. vrach. gaz.*, 1932, 36: 285.—**Katznelbogen, S., & Choisy, R.** L'influence de l'histamine sur la sécrétion gastrique, particulièrement sur l'acide chlorhydrique libre (dosage électrométrique) *Arch. mal. app. digest.*, Par., 1927, 17: 278-83. Also *Schweiz. med. Wschr.*, 1927, 57: 1009-13.—**Katznelbogen, S., Loucks, R. B., & Gantt, W. H.** An attempt to condition gastric secretion to histamin. *Am. J. Physiol.*, 1939-40, 128: 10-2.—**Koskowski, W., & Kubikowski, P.** Sécrétion du suc gastrique après injection d'histamine et présence de cette substance dans le sang. *C. rend. Soc. biol.*, 1929, 100: 292-5.—**Kuna, A.** [New interpretation of fractional gastric test with histamine] *Orv. hetil.*, 1937, 81: 473; 495.—**Kurzin, I., & Slupsky, N.** Eine neue Methode zur Gewinnung von reinem Magensaft beim Menschen. *Zschr. ges. exp. Med.*, 1936-37, 100: 570-81.—**Lander, F. P. L., & MacLagan, N. F.** One hundred histamine test-meals on normal students. *Lancet*, Lond., 1934, 2: 1210-3.—**Lee, F. C.** The histamine test; one of the newer methods for the study of gastric function. *Internat. Surg. Digest*, 1929, 8: 323-8.—**Lee, P. H., & Kim, M. S.** The relation between histamine and atropine on gastric secretion. *J. Severance Union M. Coll.*, 1935-37, 3: 74-80.—**Levenson, I. A., & Agol, M. I.** [Combined action of products of hydrolysis of albumin and histamin on the gastric secretion] *Klin. med.*, Moskva, 1936, 14: 681-6.—**Lévy, M. M., & Lévy, E. M.** Etude des modifications humorales produites par la sécrétion gastrique déclenchée par l'histamine. *Arch. mal. app. digest.*, Par., 1930, 20: 137-83.—**Libert.** Un nouveau procédé d'exploration des fonctions sécrétoires de l'estomac; l'épreuve de l'histamine. *Progr. méd.*, Par., 1926, 41: 159-62.—**Longo, A.** L'istamina e il sondaggio frazionato a digiuno nello studio della funzionalità gastrica. *Policlinico*, 1932, 39: sez. prat., 447-53.—**Marconi, F.** Variazioni di alcune condizioni biochimiche del sangue e del succo gastrico di individui sani sottoposti all'azione contemporanea dell'istamina e delle acque cloruro-sodiche. *Riv. idroclim.*, 1939, 50: 196-204.—**Martin, L.** Total nitrogen and non-protein nitrogen partition of gastric juice obtained after histamine stimulation. *Bull. Johns Hopkins Hosp.*, 1931, 49: 286-301.—**Acid-base balance of gastric juice, blood and urine before and at intervals after stimulation of the gastric juice by histamine.** *Ibid.*, 1934, 55: 57-80.—**Merklen, P., Kabaker, J., & Warter, J.** Contribution à l'étude de la sécrétion du suc gastrique sous l'influence de l'histamine et de l'acétylcholine; intérêt de cette étude dans certaines cas pathologiques. *Arch. mal. app. digest.*, Par., 1933, 23: 265-75.—**Mogena, H. G., & Fernandez, A. L.** Ueber die Wirkung des Histamins auf die Sekretion des Magensaftes. *Arch. Verdauungskr.*, 1928, 42: 104-17.—**Molinari-Tosatti, P.** Secrezione gastrica da istamina e secrezione da pasto. *Arch. sc. biol.*, Nap., 1929, 13: 97-108.—**Moretti, P.** Il cloridrato di istamina per la prova del chimismo gastrico. *Boll. Soc. biol. sper.*, Nap., 1926, 1: 396-8. Also *Minerva med.*, Tor., 1927, 7: 337-43.—**Nathansohn, A.** Zur Wirkungsweise des Histamins auf die Magensekretion. *Verh. Deut. Ges. inn. Med.*, 1926, 38. Kongr., 462.—**Oliva, J. L., & López, M.** Consideraciones sobre métodos modernos de gastroduiagnóstico; la prueba de la histamina sola y asociada al rojo neutro. *Arch. med.*, Madr., 1934, 37: 857-62. Also *Med. ibera*, 1934, 28: pt 2, 191-6.—**Pollard, W. S.** Histamine test meals; an analysis of 988 consecutive tests. *Arch. Int. M.*, 1933, 51: 903-19.—**Roberts, A. M., & Bloomfield, A. L.** The chloride, base and nitrogen content of gastric juice after histamine stimulation. *J. Clin. Invest.*, 1928, 5: 611-37.—**Ragle, H. E., & McDonald, L. E.** The use of histamine in gastric analysis. *U. S. Nav. M. Bull.*, 1930, 28: 99-106.—**Rivasi, P.** Influenza dell'istamina ed acetilcolina sulla secrezione gastrica in condizioni normali e nelle malattie dello stomaco studiata col metodo combinato di Pr. Merklen, Kabaker e Warter. *Arch. ital. mal. app. diger.*, 1936, 5: 573-86.—**Rivers, A. B., & Vanzant, F. R.** A study of peptic activity by means of the double histamine test. *Am. J. Digest. Dis.*, 1937-38, 4: 304-6.—**Osterberg, A. E.** The double histamine test as an aid in the study of gastric secretion function. *Ibid.*, 1936-37, 3: 12-5.—**Rocha, A.** Las comidas de prueba en la exploración funcional del estómago y especial estudio de la prueba de la histamina. *Rev. méd. Barcelona*, 1927, 2. ser., 7: 408-19.—**Ruffin, J. M., & Dick, MacD.** The significance of gastric acidity after histamine stimulation; a statistical study of 2,877 gastric analyses. *Ann. Int. M.*, 1938-39, 12: 1940-7.—**Schiff, L.** Gastric secretion in man; observations on the effects of repeated injections of histamine and on treatment of achlorhydria. *Arch. Int. M.*, 1938, 61: 774-80.—**Schnedorf, J. G., & Ivy, A. C.** Effect of methylhistamine and hydroxyethylglyoxaline on gastric secretion and blood pressure in the dog. *Proc. Soc. Exp. Biol. N. Y.*, 1934-35, 32: 777.—**Seidmon, E. E., & Necheles, H.** The dosage of histamine for stomach tests. *Illinois M. J.*, 1935, 67: 458.—**Siemsen, W. J.** Histamine test of gastric secretion with particular reference to its practicability in childhood; a preliminary communication. *Am. J. Dis. Child.*, 1932, 44: 1013-25. Also repr.—**Speroni, A., & Muscio, A. C.** La histamina en el estudio de la secreción gastrica. *Sem. méd.*, B. Air., 1928, 35: pt 2, 869-77.—**Szilárd, Z., & Teschler, L.** [Secretion of stomach after histamin iontophoresis] *Orv. hetil.*, 1932, 76: 1125-7.—**Teorell, T.** The relations between histamine stimulation and response of gastric juice secretion. *Skand. Arch. Physiol.*, Berl., 1937, 77: 81.

Secretion: Examination: Methods.

IHRE, B. *Human gastric secretion; a quantitative study of gastric secretion in normal and pathological conditions. 226p. 8° Stockh., 1938.

Also *Acta med. scand.*, 1938, Suppl. 95.

Arullani, C. Ricerche comparative sulla secrezione gastrica provocata. *Arch. ital. mal. app. diger.*, 1934, 3: 368-81, tab.—**Babkin, B. P.** Modes of stimulation of the gastric secretion. *Nature*, Lond., 1934, 134: 1005.—**Baena, R. L.** Algunas consideraciones sobre los diferentes métodos de prueba para el análisis del jugo gástrico. *Med. ibera*, 1931, 15: 767-9.—**Bloomfield, A. L., & Keefe, C. S.** A method for the continuous quantitative estimation of gastric secretion and discharge in man. *Arch. Int. M.*, 1926, 37: 819-47. Also *J. Clin. Invest.*, 1927-28, 4: 485-94.—**Carnot, P.** Sur 3 tests de la sécrétion gastrique: test du repas fictif; test de l'alcool; test de l'histamine. *Monde méd.*, 1939, 49: 713-9.—**Casão de Anciães, J. H., & Trincão, C.** Sobre métodos de exame da secreção gástrica. *Lisboa méd.*, 1935, 12: 509-82. Novos elementos para a crítica de alguns métodos de exame da secreção gástrica. *Ibid.*, 1936, 13: 614; 712; 809.—**Chapkevich, L. M.** [Indirect evaluation of gastric secretion without use of the stomach pump] *Ter. arkh.*, 1935, 13: 67-74.—**Chernogubov, B. A., & Lourie, S. I.** [Clinical and experimental observations of the secretory function of the stomach by Zimnitsky's method] *Russ. klin.*, 1929, 11: 558-69.—**Choisy,**

R., & Katzenelbogen, S. Repas d'Ewald et épreuve de l'histamin; résultats comparatifs. Arch. mal. app. digest., Par., 1931, 21: 455-64.—Cohen, H., & Brock, A. Sekretionsprüfung des Magens ohne Ausheberung. Klin. Wschr., 1929, 8: 2236.—Cytronberg, S. [Examination of portion of gastric contents by physico-chemical methods] Polska gaz. lek., 1926, 5: 819-23. Also Arch. mal. app. digest., Par., 1926, 16: 653-85.—Einhorn, M. Method for complete qualitative and quantitative analysis of gastric content without withdrawing any specimen. N. York State J. M., 1930, 30: 83-5.—Famulari, S., & Belcastro, F. La curva di secrezione dei fermenti gastrici e di quella cloridrica in soggetti normali e in gastropazienti per azione dell'istamina e del pasto di Ehrmann. Arch. ital. mal. app. diger., 1937, 6: 162-74.—Fasiani, G. M., & Olper, L. Sulla importanza della posizione supina obbligata durante la raccolta del succo gastrico a scopo di esame funzionale. Arch. Soc. ital. chir., 1931, 37: 812-4.—Galambos, A. Direct examination of the gastric juice; a new functional test. Arch. Int. M., 1926, 38: 654-62.—Galli, F. Sui metodi d'esame della funzionalità gastrica. Fol. med., Nap., 1929, 15: 1782; 1831.—Garin, Froment, R. [et al.] Sécrétion gastrique par excitation de la muqueuse nasale; olfaction d'épreuve. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 289-92.—Hollander, F., Penner, A. [et al.] Secretary studies in whole stomachs; the determination of phenol red in gastric contents. Am. J. Digest. Dis., 1940, 7: 199-202.—Jabotinskaya, R. A. [Clinical analysis of the secretary functions of the stomach by Leporsky's method] Mosk. med. J., 1928, 8: 34-40.—Korneev, Y. S. [Modification of Prof. Zimnitsky's methods of examination of secretary functions of the stomach] Russ. klin., 1929, 11: 138-41.—Kuznetsov, N. V., & Kuznetsova, L. I. [Colorimetric method of quantitative determination of digestive juices entering from the duodenum into the stomach] Klin. med., Moskva, 1930, 8: 491-4.—Lewin, B. Ueber Prüfung der Magensekretion ohne Magenausheberung. Deut. med. Wschr., 1926, 52: 1427.—Linossier, G. Remarques à propos du travail de M. M. Ramond, Petit et Carle sur la recherche du pouvoir digestif du suc gastrique par l'épreuve des tubes de gélatine. Bull. Soc. méd. hôp. Paris, 1917, 3. ser., 41: 1158-60.—Mahler, P. Magensaftdiagnostik ohne Sonde. Arch. Verdauungskr., 1932, 52: 38-42.—Stary, Z. Zur quantitativen Bestimmung der Magensekretion; Variation der Probefrühstücksmenge, Temperatur, Lagerung, der Applikation und des Einspritzungsortes. Zschr. ges. exp. Med., 1927, 58: 291-305.—Margreth, G., & Casoli, G. La secrezione gastrica studiata comparativamente col pasto alcoolico e con quello di Ewald. Gior. clin. med., 1926, 7: 680-4.—Mašek, J. [Significance of gastric juice analysis following various secretary stimulations] Cas. lek. česk., 1938, 77: 331; 418; 454.—Moretti, P. Su di uno speciale comportamento della secrezione gastrica sotto lo stimolo combinato della colazione di Ewald-Boas e dell'istamina (critica ai metodi di determinazione del chimismo gastrico) Riforma med., 1928, 44: 124.—New (A) method of studying gastric secretions. Sc. American, 1911, 72: Suppl., 188.—Penner, A., Hollander, F., & Post, A. The use of phenol red as a dilution indicator in gastric analysis. Am. J. Digest. Dis., 1940, 7: 202-5.—Separović, N. [Significance of fractional gastric analysis, of histamine test and of gastrochromoscopy in the diagnosis of gastric diseases] Bratisl. lek. listy, 1927, 7: 10-31.—Stary, Z., & Mahler, P. Zur quantitative Bestimmung der Magensekretion. Zschr. klin. Med., 1926, 104: 446-56.—Azidität, Chlorhydrie und Akrie des Magens. Deut. med. Wschr., 1927, 53: 1851-3.—Zur quantitativen Bestimmung der Magensekretion; Bestimmung der Tagesmengen der Wasser-, Säure- und Chloridsekretion. Acta med. scand., 1928, 68: 32-42.—Strauss, H. Sekretionsprüfung des Magens ohne Ausheberung. Arch. Verdauungskr., 1930, 48: 24-7.—Testolin, M. Importanza della posizione in reclinazione supina per lo studio della secrezione e del chimismo gastrico. Minerva med., Tor., 1932, 23: 343.—Thomke, H. Ueber vergleichende Untersuchungen an Mageninhalt nach den Methoden von Ewald-Boas und Sahl mit besonderer Berücksichtigung der Azidimetrie. Schweiz. med. Wschr., 1932, 62: 834-9.—Timofeev, N. [Diagnosis of abnormal gastric secretions by the method of S. S. Lemnitsky] Russ. klin., 1928, 9: 681-92.—Tschopp, W. Vergleichende Untersuchungen über die Sahlische Desmoidprobe und die fraktionierte Magenausheberung. Schweiz. med. Wschr., 1937, 67: 205-8.—Vilensky, L. I. [Study of the function of the glandular cells of the stomach in diseases of the heart and kidneys by S. S. Zimnitsky's method] Kazan. med. J., 1926, 22: 386-91.—Vysotsky, N. N. [Examination of the secretary function of the stomach by Zimnitsky's method] Omsky med. J., 1929, 4: 45-50.—Zlotkin, S. [Clinical value of Cytronberg's method of investigation of the contents of the stomach] Polskie arch. med. wewn., 1932, 10: 843-73.—Zwonitzky, N. S. Funktionsprüfung des Magens nach Stary und Mahler oder nach Zwonitzky? Arch. Verdauungskr., 1928, 42: 143-8.

Secretion: Examination: Test meal.

See also subheadings Removal; Secretion: Variation: Diet.

Bon, H. L'emploi clinique du chimisme gastrique après repas d'Ewald. 70p. 8°. Par., 1932.

HEIDENHAIN, C. E. *Das Appetitfrühstück eine neue Probemahlzeit für die funktionelle Magenuntersuchung. 22p. 8°. Borsdorf-Lpz., 1911.

URBACH, H. *Ueber die stoffwechselsteigernde Wirkung verschiedener Probemahlzeiten. 18p. 22cm. Düsseldorf, 1935.

Allodi, A. Il comportamento della secrezione gastrica e della leucocitosi digestiva studiate comparativamente con differenti tipi di colazione di prova. Arch. sc. med., Tor., 1929, 53: 1-29.—Antić, D., & Brkić, D. L'azione di alcuni pasti di prova sulla secrezione gastrica. Gior. clin. med., 1938, 19: 262-71.—Barrow, W. H. The acid response of the stomach to test meals of protein, fat, and carbohydrate. J. Lab. Clin. M., 1932, 17: 1094-100.—Bernard, A., Paget, M. [et al.] Contribution à l'étude des modifications humores engendrées au cours de la sécrétion gastrique provoquée par l'ingestion du repas de Verpy. Arch. mal. app. digest., Par., 1936, 26: 916-40.—Boon, T. H. The gruel test meal in the routine investigation of gastric cases. Newcastle M. J., 1937, 17: 135-9.—Filed, J. A. [Use of various starch flours in test meals] Ned. tschr. geneesk., 1935, 79: 3795-9.—Fuhrmann, I. C. Causas de erro da prova de Refluxo a farinha de aveia e a acidez gástrica. Lisboa med., 1932, 9: 1104-22, ch.—Gaafar, M. M. On the relative value of the common test meals. J. Egypt. M. Ass., 1938, 21: 506-15.—Giugni, P. Il pasto di prova nell'esame dell'funzioni gastriche. Atti Accad. med. fis. fiorent. (1910) 1911, 4.—Goldman, A. Test breakfast versus fasting stomach contents. N. York M. J., 1911, 93: 882. Also repr.—Goodhart, G. W. The test-meal in the diagnosis of gastric disease. Lancet, Lond., 1934, 2: 626.—Groot, J. de. Het onderzoek van den maginhouid na proefbijt. Ned. tschr. geneesk., 1916, 2: 1080-4.—Hallas, E. T. [The etiological importance of test meal in stomach diseases] Hospitalstidende, 1911, 5. R., 4: 144-58.—Hategan, G., & Döri, B. [Practical comparison of Mintz's and Ewald-Boas's test-breakfast] Orv. hetil., 1913, 57: 572-4.—Holler, G. Inwieweit verbessern die modernen Methoden der Magensaftuntersuchung die Resultate des Boas-Ewaldschen Probefrühstücks? Wien. klin. Wschr., 1926, 39: 1207.—Ioffe, V. A. [Value of the dry test meal] Klin. med., Moskva, 1929, 7: 1358-62.—Kaufmann, J. Die einmalige Probefrühstück-Untersuchung als die ergiebigste Methode für die klinische Prüfung der Magenfunktion. Arch. Verdauungskr., 1928, 43: 230-43.—Kemp, S. [Hyperscretions after test-meals] Ugeskr. læger, 1912, 74: 1265-303.—Kiss, L. Beiträge zur Untersuchung des Probefrühstücks. Arch. Verdauungskr., 1933, 53: 211-8.—Leporsky, N. J. Ueber ein neues Probefrühstück. Zschr. klin. Med., 1927, 105: 470-92.—Lesnik, N. M. Ein Beitrag zu den Untersuchungen über die sekretorische Magenfunktion mittels der dünnen Sonde und doppeltem Probefrühstück. Arch. Verdauungskr., 1929, 45: 209-20.—Liboro, A., & Ortigas, S., jr. The value of rice powder as a test meal compared with other test meals in gastric analysis. Bull. Nat. Res. Counc. Philippine Islands, 1937, No. 12, 127.—Lövi, L. Zucker-Probefrühstücke. Wien. klin. Wschr., 1932, 45: 460-3.—MacLagan, N. F. The test-meal in the diagnosis of gastric disease. Lancet, Lond., 1934, 2: 471-5.—Madariaga, O., & Madariaga, H. Desayuno de prueba para el estudio del quimismo gástrico. Vida nueva, Habana, 1927, 20: 29-32.—Mints, S. G. [Gastric chemism; a new test breakfast] Russ. vrach, 1911, 10: 1204; 1247.—Müller, S., & Gutschmidt, H. Magenaziditätsbestimmungen bei Säuglingen nach Gerstenschleimprobemahlzeit. Arch. Kinderh., 1928, 84: 250-65.—Nordenfält, P. J., & Teorell, T. On the correlation between the acidity and the total chloride amount in clinical test meals. Acta med. scand., 1935, 85: 525-30.—Oerum, H. P. T. Untersuchungen mit Sahl's Probemahlzeit. Deut. Arch. klin. Med., 1905, 83: 254-65.—Paget, M., & Bernard, A. Modifications humores engendrées au cours de la sécrétion gastrique provoquée par ingestion du repas pétoné de Verpy. C. rend. Soc. biol., 1936, 121: 31-3.—Petrov, M. K., Ryss, S. M. [Experimental data on various test meals, and a proposition of a new one] Klin. med., Moskva, 1930, 8: 885-94. Also Arch. Verdauungskr., 1930, 47: 328-47.—Petrovich, A. A. [Two-phase test breakfast (method Ewald-Boas)] Vrach. delo, 1927, 10: 90-2.—Przywieczerzski, W. [Diagnostic value of the so-called Schmidt's simplified test meal] Med. kron. lek., Warsz., 1911, 46: 1073; 1096.—Reiselman, S. Die wiederholte Probefrühstücksmethode bei der Untersuchung der Tätigkeit der Magenellen. Arch. Verdauungskr., 1928, 42: 211-24.—Robin, W. Un nouveau repas d'épreuve simplifié. Progr. méd., Par., 1928, 43: 1875-80. Also Siglo méd., 1929, 83: 228-30.—Sandroni, D., & Sagal, Z. The popularity of the Ewald-Boas test meal; reasons for its survival. Ann. Int. M., 1939-40, 13: 2134-40.—Sarnitzyn, A. [Relation between the properties of a test meal and the results of examination of the stomach contents, with large and small sounds] Perm. med. J., 1929, 7: 29-38.—Schlesinger, W. Zur Technik und zur Beurteilung des Probefrühstücks. Mitt. Ges. inn. Med. Wien, 1911, 10: 184; 231.—Shaw, M. E. Test meals. Med. Press & Circ., Lond., 1933, 135: 393-8.—Skraj, G. Ueber den Einfluss des Kauaktes und über die Wirkung psychischer Faktoren auf die Beschaffenheit des Mageninhalts nach Probefrühstück. Arch. Verdauungskr., 1912, 18: 495-507.—Spauje, N. P. van [The value of the dry test breakfast of trisuit for the definition of the motory and secretary function

of the stomach] Ned. tschr. geneesk., 1913, 2: 213-26.—**Tsimmerman, V. M.** [Two test breakfasts in patients] Russ. vrach, 1914, 13: 446-8.—**Upham, R., & Spindler, F.** Studies on humans with a new secretagogue meal. Am. J. Digest. Dis., 1938-39, 5: 721-5. Also Rev. Gastroenter., 1939, 6: 12-21.—**Vándorfy, J.** Ueber den Wert der Bestimmung der Aziditätskonzentration des Mageninhalt nach einem Probe-frühstück; Magendrüsensekret, Magensaft, Mageninhalt. Arch. Verdauungskr., 1933, 53: 289-95. — Der digestive Funktionsmechanismus des Magens; die Aziditätsachse. Ibid., 390-7.—**Wilhelm, C. M., O'Brien, F. T., & Hill, F. C.** An improved gastric test meal. Am. J. Digest. Dis., 1936-37, 3: 319-24. — An improved gastric test meal and a study of the secretory curve in whole stomach pouches and in the normal intact stomach. Am. J. Physiol., 1936, 115: 5-22. — The normal gastric secretory curve using a 2 percent Liebig's extract test meal. Ibid., 116: 163.—**Yaromolskaia, M. B.** [Effect of test meals on gastric secretion of dogs under various dietetic conditions] Klin. med., Moskva, 1930, 8: 895-901.—**Zmijewska, H.** [Ehrmann's test meal] Lek. wojsk., 1928, 11: 110-2.

— Secretion: Examination: Test meal, fluid.

COHN, W. *Die Bedeutung des Bouillonfrühstücks für die funktionelle Magendiagnostik. 18p. 8°. Königsb., 1912.

EICKHOFF, E. D. *Vergleichende Untersuchungen über die sekretionsfördernde und säurebildende Wirkung des Koffein- und Bouillonprobetrunkes [Tübingen] 42p. 8°. Berl. [1936]

UNRUH, U. *Untersuchungen über die Verwendbarkeit der Sahli'schen Probesuppenmethode für die Magenfunktionsprüfung. 35p. 8°. Rost., 1911.

Allodi, A., & Costa, G. Alcune ricerche in merito alla colazione alcolica di Ehrmann e a quella caffeinica di Katsch e Kalk. Gior. Accad. med. Torino, 1933, 96: pt 2, 196-202.—**Bernay, P., & Faure, G.** Café décaféiné et tabac dénicotinisé en diététique gastrique. Arch. mal. app. digest., Par., 1937, 27: 865-8.—**Brüll, Z., & Fröhlich, E.** Beiträge zum Mechanismus der Magensaftsekretion; die Magensaftsekretion nach parenteraler und stomachaler Zufuhr von Äthylalkohol und Koffein. Arch. Verdauungskr., 1934, 56: 71-60.—**Cade, A., & Milhaud, M.** Chimisme gastrique: l'épreuve de la caféine. J. méd. Lyon, 1929, 10: 523-30.—**Cheney, W. F.** The value of the alcoholic test meal. Tr. Am. Gastroenter. Ass. (1928) 1929, 31: 55-65. Also California West. M., 1928, 28: 474-7.—**Dinkin, L.** Die diagnostische Bedeutung des Befundes von Mikrosten, insbesondere im Ehrmannschen Probetrunk. Klin. Wschr., 1929, 8: 1402-4. — Beiträge zur Magenfunktionsprüfung; die Beziehung der Aciditätskurve zur tatsächlich erfolgten Sekretion nach Probetrunk. Ibid., 1931, 10: 1259-63. — Der Verlauf der Sekretion im nüchternen Magen, nach parenteralem Reiz und nach Probetrunk. Med. Klin., Berl., 1931, 28: 1825; 1864. Also Verh. Berl. med. Ges. (1931) 1932, 62: Teil 2, 252-62. — & **Taterka, H.** Beiträge zur Magenfunktionsprüfung; intraventrikuläre elektrochemische Registrierung der Aciditätsschwankungen nach parenteralem Reiz und nach Probetrunk. Klin. Wschr., 1932, 11: 770-2.—**Franke, K. F.** Unsere Erfahrungen mit dem Alkohol-Probefrühstück. Med. Korbl. Württemberg, 1926, 96: 441-3.—**Frehse, K.** Ueber die Wirkung des Alkohols auf die Azidität des Magensaftes und ihre differentialdiagnostische Bedeutung. Deut. med. Wschr., 1923, 49: 11.—**Friedman, M. H. F.** The influence of glucose administration on gastric secretion. Am. J. Physiol., 1939, 126: 495.—**Friedrich, L., & Neumann, K. E.** Neuere Erfahrungen mit dem Alkoholprobefrühstück. Deut. med. Wschr., 1921, 47: 43.—**Frolov, J. D.** [Determination of the digestive power of the gastric juice by aid of a specially prepared egg emulsion] Vrach. delo, 1931, 14: 929-32.—**Gantt, W. H.** Effect of coffee and tea on gastric secretion. J. Lab. Clin. M., 1928-29, 14: 917-21.—**Garbat, A. L.** Clear fluid test meals (water, caffeine solution, alcohol) for use in fractional gastric analysis. Arch. Int. M., 1931, 47: 601-11.—**Garin, C., Bernay, P., & Delorme, L.** La dégustation d'épreuve. Lyon méd., 1931, 147: 83-6.—**Garin, C., Bernay & Véron, L.** La dégustation d'épreuve et l'obtention rapide de suc gastrique pur. Ibid., 1928, 143: 584-90.—**Giugni, F., & Pabis, E.** Il metodo del Sahli-Seyler nell'esame delle funzioni gastriche; sui risultati di una modificazione nei componenti la zuppa di prova. Atti Accad. med. fis. fiorent. (1909) 1910, 116-8.—**Goldbloom, A. A.** Experimentelle und klinische Untersuchungen über den Einfluss des Koffeins auf die sekretorische Tätigkeit des Magens. Arch. Verdauungskr., 1928, 42: 13-9.—**Heckmann, Z.** Zur Frage der Belastungsproben des Magens; Magensaftuntersuchungen mittels einer Eiweiß-Peptonlösung. Zschr. ges. exp. Med., 1933, 87: 506-28.—**Hirsch-Mamroth.** Ueber die Funktionsprüfung des Magens, speziell mittels des Bierfrühstücks. Deut. med. Wschr., 1929, 55: 1468.—**Hoesch, K.** Beiträge zur Magenfunktion; alkalischer Magensaft, der Traubenzuckerprobetrunk und die Membrantätigkeit des Magens. Arch. Verdauungskr., 1929, 46: 150-80.—**Introzzi, P.** La prova alcolica di Ehrmann per l'esame della funzione gastrica. Fol. clin. chim., Bologna, 1928, 3: 44-64.—**Ishikawa, S., & Miyamoto, T.** Alcohol test-

breakfast in the fractional examination of gastric juice. J. Orient. M., Dairen, 1930, 12: 56.—**Lolli, G.** Azione dell'alcool somministrato per via endovenosa sulla secrezione gastrica. Fisiol. & med., Roma, 1938, 9: 31-5.—**Michailow, B. N.** Die Untersuchung der sekretorischen Funktion des Magens mittels eines Bierfrühstücks. Arch. Verdauungskr., 1928, 44: 405-13.—**Miles, R. B., & Shohl, A. T.** Gastric digestion: the relation of the hydrogen ion volume and buffer capacity of the gastric contents to a milk test meal. Am. J. Dis. Child., 1927, 34: 429-40.—**Mirkin, A., & Mogilevski, E.** [Caffeine fluid test breakfast] Klin. med., Moskva, 1927, 5: 1316-21.—**Moffatt, P. McG., Mitchell, G. O., & Powell, A. T. W.** On the effect of water as an excitant of gastric secretion, with special reference to its applicability as a test-meal. Guy's Hosp. Rep., Lond., 1921, 71: 52.—**Newman, H. W., & Mehrrens, H. G.** Effect of intravenous injection of ethyl alcohol on gastric secretion in man. Proc. Soc. Exp. Biol. N. Y., 1932, 30: 145-8.—**Osuka, T.** Gursensaft als Probe-frühstück. Arch. Verdauungskr., 1930, 48: 382-91.—**Shtreicher, A. P., & Dobrussina, B. E.** [Effect of alcohol and tobacco on the secretion of a diseased stomach] Sovet. vrach. gaz., 1932, 36: 1125-9.—**Shuher, T. S., & Limpanovich, A. S.** [The effect of small doses of alcohol on the gastric secretion] Vrach. delo, 1928, 11: 1240-3.—**Steinitz, H., & Schereschewsky, R.** Die Wirkung rektaler Alkoholfuhr auf die Magensaftsekretion. Arch. Verdauungskr., 1928, 42: 520-30.—**Strauss, H.** Ueber flüssige Probeingesta für die Funktionsprüfung des Magens mit besonderer Berücksichtigung des Probetes. Zschr. ges. exp. Med., 1929, 68: 448-51. — & **Steinitz, H.** Acerca de la prueba funcional del estómago por ingestión de líquidos. Rev. méd. germ. ibér. amer., 1930, 3: 34-41.—**Tinker, M., & Zaidenberg, A.** [Emptying of the stomach in Volhard's water test, under the influence of vago- and sympathicotropic substances] Russ. klin., 1929, 11: 722-31.—**Tulenev, N. A.** [Peptone test meal] Klin. med., Moskva, 1930, 8: 902-6.—**Uffacker, H.** Tierexperimentelle Studien über die Beeinflussung der sekretorischen Leistung des Magens durch Dextropur. Deut. Zschr. Verdauungskr., 1938-39, 1: 140-5.—**Valdoni, P.** Influenza delle soluzioni alcoliche sul chimismo gastrico di individui con o senza lesioni organiche gastro-duodenali. Ann. ital. chir., 1933, 12: 417-26.—**Vándorfy, J., & Váradý-Borbély, M.** Vergleichende Untersuchungen über die Verwendung des Wassers und des Alkohols als Sekretionsmittel bei der Verweilschleife. Zschr. ges. exp. Med., 1926, 50: 615-20.—**Wichels, P.** Caffein als Magensaftreize. Zschr. klin. Med., 1933, 123: 336-9.—**Yagüe, J. L.** El desayuno de prueba de alcohol. Med. ibera, 1922, 16: 322-4.

— Secretion, excessive.

See also **Peptic ulcer; Stomach, Ulcer.**

FOLLIERO DE LUNA, C. *Hypersécrétion gastrique à jeûn et stase sans participation du pylore. 116p. 8°. Montp., 1912.

JOURDAN, G. *Contribution à l'étude de l'hypersécrétion gastrique à propos de quelques aspects radiologiques rares ou peu connus de cette affection. 36p. 8°. Par., 1927.

Agasse-Lafont, E. Traitement de l'hyperchlorhydrie de l'hyperpepsie et de l'ulcère gastrique. J. méd. Paris, 1912, 3. ser., 24: 855; 875.—**Bonorio Udoondo, C.** Consideraciones sobre la etio-patogenia de la hipersecreción alimenticia. Prensa méd. argent., 1914-15, 1: 283.—**Cardini, C.** El régimen albuminoso en el tratamiento de las hiperquías gástricas. Dia méd., B. Air., 1930-31, 3: 520.—**Dressen, H.** Zur Frage der Hypersekretion im Röntgenbilde. Deut. med. Wschr., 1927, 53: 881.—**Escudero, P.** Algunos conceptos sobre el tratamiento dietético de las hiperquías gástricas. Dia méd., B. Air., 1931-32, 4: 709.—**Gefen, J.** Zur Frage der Hypersekretion im Röntgenbilde. Deut. med. Wschr., 1927, 53: 143.—**Jarotzky, A.** Darf man den Hypersekretikern Salz geben? Schweiz. med. Wschr., 1926, 56: 1058.—**Katsch, G., & Mellinghoff, K.** La cura de reducción de jugo gástrico en la supersecreción. Rev. méd. germ. ibér. amer., 1933, 6: 425-9.—**Léon-Meunier.** Repas homogènes dans les hypersécrétions gastriques. Presse méd., 1939, 47: 1071.—**Lévy, L.** [Diagnostic value of the hypersecretion of gastric juice] Gyógyszerészet, 1912, 52: 274-6.—**Lyon, E.** Ein Beitrag zur medikamentösen Behandlung der superaziden und supersekretorischen Magenstörungen, insbesondere mit Gelonida stomachica. Fortsch. Ther., 1927, 3: 432-4.—**Mariotti, B.** Un caso di malattia del Reichmann. Gazz. osp., 1915, 36: 339.—**Meyer zu Hörste, G.** Ueber einen Fall von Magensaftfluss im frühen Säuglingsalter; ein Beitrag zur Pathologie der Magensaftabsonderung im Säuglingsalter. Mschr. Kinderh., 1932, 54: 65-72.—**Paficzyszyn, M.** [Effect and method of action of large doses of bismuth carbonate, upon chronic diseases of the stomach with excessive secretion of the gastric juice] Lwów. tygodn. lek., 1911, 6: 406; passim.—**Paterson, H. J.** Hyper-secretion (gastro-succorrea or Reichmann's disease) Am. Med., 1929, 24: 361-4.—**Peco, G.** La cromoscopia en los hiperquías gástricos. Rev. Soc. med. int., B. Air., 1927, 3: 242-53. Also Sem. méd., B. Air., 1927, 34: pt 2, 270-4. — Importancia diagnóstica y terapéutica de la hipersecreción gástrica permanente. Rev. Círc. méd. argent., 1928, 28: 100-15.—**Pron, L.** Fréquence des formes frustes de l'hypersécrétion continue. Bull. Acad. méd., Par., 1921, 3. ser., 85: 68. — Activité normale intermittente de l'estomac à jeûn et diagnostic d'hypersécrétion continue.

Bull. Soc. méd. Paris, 1937, 143-7.—**Rasumov, N. P., & Levin, F. M.** Le rôle du lait dans la diététique des hypersécrétions gastriques; étude d'analyse biométrique. Arch. mal. app. digest., Par., 1927, 17: 1094-112. — Effet du lait sur la fonction motrice de l'estomac et des intestins; effet du lait sur la coordination de la fonction sécrétoire et de la fonction motrice. Ibid., 1929, 19: 1211-28. Also Klin. med., Moskva, 1929, 7: 1083-92.—**Warlo, R.** Ueber die Behandlung der Magenhypersekretion mit Gelonida stomachica. Med. Klin., Berl., 1926, 22: 1043.

— Secretion, fasting.

MAERKER, W. *Befund des nüchternen ausgeheberten Mageninhalt [Auszug] 11p. 8° Lpz., 1922.

STREBEL, H. *Ueber die Untersuchung des Magennüchternsekretes: Ringphänomen und Reduktionsprobe [Zürich] 62p. 8° Muri (Aargau) 1937.

Bárony, T., & von Friedrich, L. Untersuchungen mit der Gastroduodenalsonde; gleichzeitige Untersuchung des Antrum- und Fundusinhaltes im nüchternen Zustand. Münch. med. Wschr., 1924, 71: 430.—**Chaffin, S. S.** Zur Frage der Sekretion des nüchternen Magens. Arch. Verdauungskr., 1928, 44: 250-7.—**Debenedetti, V.** Meccanismo e significato della secrezione gastrica a digiuno (secrezione da sonda) Policlinico, 1927, 34: sez. med., 105; 200.—**Dinkin, L., & Lichtig, Z.** Beiträge zur Methodik der Magenfunktionsprüfung; die Aciditätskurve während der spontanen nüchternen Sekretion. Klin. Wschr., 1931, 10: 2043-5.—**González Campo, J.** Valor diagnóstico de la extracción de líquido gástrico en ayunas. Rev. med. cir., Madr., 1911, 93: 329-40.—**Gutiérrez Arrese, D., & Rodríguez Olivos, A. R.** El contenido gástrico en ayunas. Progr. clín. Mad., 1931, 39: 543.—**Hayem, B.** Nouvelle contribution à l'étude des liquides stomacaux extraits à jeun. Bull. Soc. méd. hôp. Paris, 1920, 3. ser., 44: 1523-9.—**Ivanov, V.** [Secretions of an empty stomach] Vrach. delo, 1928, 11: 685; 805; 862.—**Kellermann, E.** Untersuchungen mit der fraktionierten Magenaussheberung; die klinische Verwertung der nüchternen Sekretion. Arch. Verdauungskr., 1929, 45: 81-9.—**Maret, F.** Beobachtungen an der Nüchternsekretion des Magens während und nach Abschluss der Jejunalsondenbehandlung. Deut. Arch. klin. Med., 1937-38, 181: 305-17.—**Molteni, P.** Influenza del digiuno sulla composizione del succo gastrico; influenza sull'acidità e sulla quantità di pepsina. Arch. fisiol., Fir., 1929, 27: 344-50.—**Ricei, F.** La secrezione gastrica a digiuno. Arch. farm. sper., 1930-31, 51: 55-63.—**Roberts, W. M.** The fasting gastric secretion in man. Q. J. Med., Oxf., 1927-28, 21: 7-19.—**Schreiber, J.** Zur Lehre von der Nüchternsekretion als Spontanfunktion des Magens. Arch. Verdauungskr., 1928, 43: 373-7.—**Smirnov, N., Bogdassorov, A., & Choukanova, Z.** De la sécrétion gastrique à jeun. Arch. mal. app. digest., Par., 1930, 20: 296-309.—**Vándorfy, J.** Studien über die interdigestive Phase des Magens beim Menschen; die Bildung des Nüchterninhaltes. Arch. Verdauungskr., 1926, 38: 198; 1927, 40: 364.

— Secretion: Mechanism.

GLÜCKMANN, E. [geb. MATIS] *Untersuehungen über die Schichtung des Mageninhalt und die Sekretion verschiedener Magenabschnitte. p.43-50. 8° Berl., 1927.

Also Arch. Verdauungskr., 1929, 45:

Aguilar Álvarez, J. Tono y secreción gástricos. Rev. mex. biol., 1928, 8: 159-61.—**Bendixen, H.** Ueber Beziehungen zwischen Speichel- und Magensekretion (zugleich ein Beitrag zur Frage der Achylia gastrica) Zschr. klin. Med., 1932, 120: 483-9.—**Blumental, E. A.** [Correlation between gastric secretion and intestinal activity] Voj. san. glasniki, 1937, 8: 447-52.—**Bogendorfer, B.** Beziehungen zwischen Magensaftsekretion und Dünndarm. Verh. Deut. Ges. inn. Med., 1926, 38. Kongr., 405-7.—**Chang, Hsi-Chun & Lim, R. K. S.** The basal secretion of the stomach; the influence of mechanical irritation of the pyloric region. Chin. J. Physiol., 1931, 5: 233-50.—**Chechulin, S. I.** [Mechanical excitation of the mucosa of the stomach as physiological factor of gastric secretion] J. Physiol. USSR, 1936, 21: 877. Also Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 323.—**Day, J. J., & Webster, D. R.** The autoregulation of the gastric secretion. Am. J. Digest. Dis., 1935-36, 2: 527-31.—**Elvin, P., & Zeldich, L.** [Effect of the temperature of the food on the secretory and fermentative activity of the stomach] Sovet. pediatrii, 1935, No. 4, 25-8.—**Fischer, R., & Schechter, P.** Ueber örtliche Verschiedenheiten der Acidität innerhalb des Magens. Wien. klin. Wschr., 1938, 51: 139-41.—**Geser, L.** Die Wirkung des Magens und bestimmter Magenbestandteile auf die Magensaftreaktion. Zschr. ges. exp. Med., 1937, 101: 738-66.—**Gubergitz, M. M., & Gluzman, J. S.** [Mechanism of gastric secretion] Russ. klin., 1929, 11: 63-71. Also Zschr. ges. exp. Med., 1929, 66: 33-44.—**Gurevich, G. Y.** [The so-called mechanical gastric secretion] Klin. med., Moskva, 1930, 8: 113-24.—**Komarov, S. A.** Gastrin. Proc. Soc. Exp. Biol., N. Y., 1938, 38: 514-6.—**Korkhov, A. P., & Yarova, A. A.** [Gastric secretin (gastrin) in various fractions of extracts from calf stomach, treated by mercury

method] Omsky med. J., 1929, 4: 24-9.—**Kurtsin, I. T.** [Analysis of the nature of mechanical secretion of the stomach in man] Arkh. biol. nauk, 1939, 54: No. 3, 74-88.—**Lim, R. K. S., & Hou, Hsiang-ch'uan.** Influence of mechanical factors on basal gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 270.—**Liu, A. C., Yuan, I. C., & Lim, R. K. S.** Quantitative relationships between the oxyntic and other gastric component secretions. Chin. J. Physiol., 1934, 8: 1-36.—**Loo, C. T., Chang, H. C., & Lim, R. K. S.** The basal secretion of the stomach; the influence of residues in the small and large intestine Ibid., 1928, 2: 259-77, 2 ch.—**Main, R. K.** The mechanism of gastric secretion. Pacific Coast M., 1940, 7: No. 2, 24-8.—**Makarevich, O. B., Melbard, Z. M., & Solomonov, A. B.** [Relation between degree of irritation and secretory reaction of stomach] Sovet. klin., 1931, 16: 180-9. Also Arch. Verdauungskr., 1931, 49: 355-65.—**Medina, A.** Adaptaciones secretorias y su importancia clínica. Siglo méd., 1912, 54: 34-6.—**Murray, M. M.** The small intestine and gastric secretion (with special reference to Brunner's glands) J. Physiol., Lond., 1930, 69: 48-52.—**Saesk, J., Ivy, A. C.** [et al.] Histamine as the hormone for gastric secretion. Am. J. Physiol., 1932, 101: 331-8.—**Shay, H., Gershon-Cohen, J., & Fels, S. S.** The role of the upper small intestine in the control of gastric secretion; the effect of neutral fat, fatty acid, and soaps; the phase of gastric secretion influenced and the relative importance of the psychic and chemical phases. Ann. Int. M., 1939-40, 13: 294-307.—**Syngedauw, J.** Sur l'existence d'une différence de potentiel variable entre la bouche et l'estomac au cours de la sécrétion gastrique. C. rend. Soc. biol., 1928, 98: 1431. — Variations du potentiel développé dans la muqueuse gastrique au cours de la sécrétion. Ibid., 1433.—**Timofeev, N. W.** Die Dynamik und der Mechanismus der Veränderungen in der sekretorischen Tätigkeit der Magendrüsens. Arch. Verdauungskr., 1932, 52: 304-19.—**Walawski, J.** [Humoral effect of intestines on secretion of the glands of the stomach] Med. dów., 1930, 11: 348-72.—**Wilhelmj, C. M., & Sachs, A.** The physiological control of the normal human gastric secretory curve. Am. J. Digest. Dis., 1939-40, 6: 467-74.

— Secretion: Mechanism, cephalic [nervous]

Allodi, A., & Quaglia, F. Studi sulla secrezione psichica e sua importanza clinica. Arch. ital. mal. app. diger., 1932-33, 2: 95-120.—**Baxter, S. G.** Influence of splanchnic nerves on gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 511.—**Bloomfield, A. L.** Psychic gastric secretion in man. Am. J. Digest. Dis., 1940, 7: 205-8.—**Brown, M. R.** The effect of removal of the sympathetic chains and of the coeliac ganglia on gastric acidity. Am. J. Physiol., 1933, 105: 399-401.—**Colombi, C., & Saccchi, U.** La secrezione psichica dello stomaco studiata in uno uomo portatore di fistola gastrica. Arch. Ist. biochim. ital., 1931, 3: 263-82.—**Dobrev, M.** Auslösung einer Magensaftabsonderung durch im Traume entstandene Wohlgeschmacksvorstellungen. Arch. Verdauungskr., 1931, 49: 16-9.—**Fabroni, M.** Ricerche sulla possibilità d'influenzare la secrezione gastrica mediante l'olfazione di sostanze odorose non alimentari. Valsalva, 1930, 6: 175-92.—**Farrell, J. I.** The vagi as the sole efferent pathway for the cephalic phase of gastric secretion. Am. J. Physiol., 1928, 85: 685-7.—**Friedenwald, J., & Feldman, M.** Experimental studies on the effect of section of the vagus nerve on gastric secretion. Arch. Int. M., 1932, 49: 234-40. Also repr.—**Friedman, M. H.** The nervous control of gastric secretion in the frog (Rana esculenta) J. Cellul. Physiol., 1934-35, 5: 83-95.—**Hartzell, J. B.** The effect of section of the vagus nerves on gastric acidity. Proc. Mayo Clin., 1929, 4: 182-4. Also Am. J. Physiol., 1929, 91: 161-71.—**Heslop, T. S.** The nervous control of gastric secretion; an experimental study. Brit. J. Surg., 1937-38, 25: 884-99.—**Hou, H. C., & Lim, R. K. S.** The basal secretion of the stomach; the influence of nerves and the question of secretory tone and reactivity. Chin. J. Physiol., 1929, 3: 41-56.—**Krol-Lifschutz, D. E., & Timofeev, N. V.** [Wirkung der Geschmacksreize auf die reflektorische Phase der Magensaftabsonderung beim oesophagotomierten Hunde] J. Physiol. USSR, 1935, 18: 664-72.—**La Barre, J.** Rôle du système nerveux central dans l'hypersécrétion gastrique produite au cours de hypoglycémie consécutive à l'hépatotomie. C. rend. Soc. biol., 1931, 108: 231.—**Majus, M., & Porges, O.** Ueber den Einfluss der psychischen Sekretion auf die Acidität des Mageninhalt. Arch. Verdauungskr., 1931, 49: 1-15.—**Manoilov, N. G., & Kressine, V. K.** [The influence of suggestion on the secretory functions of the stomach] Vrach. gaz., 1928, 32: 1334-9.—**Martinkovsky, B. I.** [Psychic secretion in man] Ibid., 1931, 35: 1671-5.—**Outeirño & Jaso.** Ueber ein Experiment bezüglich der Verwendung der Magensaft auf suggerierte Ernährungsvorstellungen. Med. Klin., Berl., 1929, 25: 1067.—**Pokras, S., & Michelson, V.** Vegetatives Nervensystem und Magensekretion. Arch. Verdauungskr., 1926, 38: 373-89.—**Shaverin, V. M., & Ostrovidova, V. K.** [Effect of psychic secretion on gastric secretion in protracted observations with the thin gastric tube] Russ. klin., 1927, 8: 816-26. Also Arch. Verdauungskr., 1927, 41: 275-92.—**Skulov, D. K.** [Effect of exclusion of various branches of the vagus nerves on the reflex phase of gastric secretion] Arkh. biol. nauk, 1937, 46: No. 2, 83-7. — [Effect of exclusion of the splanchnic nerves on the reflex gastric secretion] J. Physiol. USSR, 1939, 27: 179-84.—**Ungar, G.** Effet de l'excitation du bout périphérique des nerfs sensitifs sur la sécrétion gastrique; transmission neuro-humorale histaminique. C. rend. Soc. biol., 1935, 118: 620-2.—**Vanzant, F. R.** Late effects of section of the vagus

nerves on gastric acidity. *Am. J. Physiol.*, 1932, **99**: 375-8.—**Vineberg, A. M.** The activation of the different elements of gastric secretion by variations of vagal stimulation. *Tr. R. Soc. Canada*, 1930, 3. ser., **24**: Sect. V, Biol., 189-91. Also *Am. J. Physiol.*, 1931, **96**: 363-71.—**Wilhelmj, C. M., McCarthy, H. H., & Hill, F. G.** Acid inhibition and the cephalic (psychic) phase of gastric secretion. *Ibid.*, 1937, **120**: 619-23.—**Wittkower, E.** Ueber affektiv-somatische Veränderungen; zur affektiven Beeinflussbarkeit der Magensekretion. *Klin. Wschr.*, 1931, **10**: 1811-3.—**Yoshitoshi, T.** Experimentelle Untersuchungen über die sekretorischen Verhältnisse des operierten Magens; über die Einflüsse der Operation an Vagusnerven des Magens auf die Sekretion desselben. *J. Orient. M., Dairen*, 1937, **27**: 97-9. — The influence of wrapping the gastric vagus nerve with magnesium strips on the secretion of the gastric pouch. *Ibid.*, 1939, **31**: 54.—**Yuba, M.** Experimentelle Untersuchungen über die Beziehungen des Reizzustandes des Zentral-Nerven-Systems besonders der Zwischenhirnbläsion zur Magensekretion. *Ibid.*, 1940, **32**: 29.

Secretion: Mechanism, chemical.

Babkin, B. P. The chemical phase of gastric secretion and its regulation. *Am. J. Digest. Dis.*, 1934-35, **1**: 715-21. — The triple mechanism of the chemical phase of gastric secretion. *Tr. Am. Gastroenter. Ass.*, 1938, 41. meet., 15-20. Also *Am. J. Digest. Dis.*, 1938-39, **5**: 467-72.—**Bickel, A., & Kanai, I.** Ueber den Angriffspunkt des Histamins und der in einigen Nahrungsmitteln vorkommenden sekretinartig wirkenden Substanzen am Sekretionsapparat der Magenfundusdrüsen. *Arch. Verdauungskr.*, 1933, **54**: 1-16.—**Farrell, J. I.** On the gastric phase of gastric secretion. *Proc. Inst. M. Chicago*, 1926-27, **6**: 259.—**Folbort, G. V., & Vorobiev, A. M.** [Formation of excitatory substances in nervous irritation of the gastric glands] *Vrach. delo*, 1935, **18**: 171-4.—**Henning, N., & Bach, E.** Untersuchungen über den Gehalt des menschlichen Magensaftes an sekretionserregenden Stoffen. *Arch. exp. Path., Berl.*, 1931, **160**: 511-22.—**Kellogg, J. H., & Boldyreff, W. N.** The influence of irritating substances on the secretion of gastric juice (chemical phase) *Bull. Battle Creek San.*, 1929, **24**: 237-45.—**Komarow, S. A.** Ueber die Anwesenheit von sekretagogischen Substanzen in dem reinen Magensaft des Hundes. *Biochem. Zschr.*, 1933, **261**: 92-105.—**Krimberg, E.** Ueber die auto-sekretorische Eigenschaft des Magensaftes. *Arch. ges. Physiol.*, 1930-31, **226**: 816-8.—**Pratt, C. L. G.** The influence of secretion on gastric secretion. *J. Physiol., Lond.*, 1940, **98**: Suppl. 1.—**Rasenkow, I. P.** Ueber den Mechanismus der zweiten Phase der Magensekretion. *Arch. ges. Physiol.*, 1928, **219**: 391-401.—**Sharovotova, O. F.** Zur Frage des Mechanismus der zweiten Phase der sekretorischen Magenfunktion. *Ibid.*, 1934, **234**: 124-9. — [Mechanism of the second phase of the secretory activity] *Arch. biol. nauk*, 1934, **34**: 141-7.—**Sugishima, I.** Die experimentelle Forschung über die Magen-, besonders Fundusdrüsensekretion; der Sekretionsmechanismus von Magenschleimhautemulsion und Extrakt; über die sekretionsanregende Substanz in der Magenschleimhaut. *Jap. J. Exp. M.*, 1932, **10**: 521-46.—**Smotrov, V. N., & Khlystov, V. G.** [Study of the second phase of gastric secretion in man] *Ter. arkh.*, 1936, **14**: 745-52.—**Vorobiev, A. M.** [Pyloric part of the stomach and formation of excitatory substances] *J. Physiol. USSR*, 1936, **21**: 879. Also *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 324.—**Walawski, J.** [Intestinal secretion as a stimulant for the glands of the mucous membrane of the stomach] *Med. dōsw.*, 1928, **9**: 78-91.—**Wilhelmj, C. M., McCarthy, H. H., & Hill, F. G.** Acid inhibition of the intestinal and intragastric chemical phases of gastric secretion. *Am. J. Physiol.*, 1937, **118**: 766-74.

Secretion: Pharmacology.

See also subheading Secretion: Examination.

GREEF, C. [T. W.] *Experimentelle Untersuchungen über die Beeinflussung des Magensaftes durch adsorbierende Stoffe. 30p. 8°. Gött., 1911.

KLEINBECK, H. *Ueber den Einfluss einer atropinähnlich wirkenden Substanz auf die Säuresekretion des Magens und auf die Motilität des Magen-Darmkanals. 31p. 8°. Tüb., 1938.

LARBIG, O. *Ueber die Beeinflussung der Acidität des Magens durch Medikamente [Frankfurt] 32p. 8°. Quakenbrück, 1933.

MATTHES, G. *Ueber den Mechanismus der Hemmung der Magensekretion durch duodenal (jejunal) zugeführte Substanzen, insbesondere Zuckerlösungen [Berlin] 14p. 8°. Würzb., 1934.

Also *Zschr. klin. Med.*, 1934, **126**: 641-51.

MITTMANN, P. *Ueber die Beeinflussung der Acidität des Magens durch Alkali-Atropin-Behandlung [Kiel] p.595-9. 8°. Berl., 1927.

Also *Zschr. ges. exp. Med.*, 57:

RIEGG, H. *Einfluss des Eisens auf die Magensekretion. 16p. 8°. Zür., 1926.

ROTHENPIELER, H. [L.] *Ueber den Einfluss der Saponine auf die Magensekretion. 19p. 21cm. Tüb., 1938.

Allodi, A., & Musso, E. Ricerche sull'azione sul chimismo gastrico di alcune sostanze somministrate per via rettale. *Arch. sc. med., Tor.*, 1930, **54**: 621-87.—**Allodi, A., & Quagli, F.** L'azione degli estratti epatici sulla secrezione gastrica. *Gior. Accad. med. Torino*, 1935, **98**: 221-6.—**Altshuler, A. M.** Gastric secretion, its alteration by the use of atropine, epinephrine and pilocarpine. *Arch. Int. M.*, 1928, **42**: 117-34.—**Arloing, F., Cade & Bocca.** Contribution à l'étude de la sécrétion gastrique du chien à l'état normal et sous certaines influences médicamenteuses. *Lyon méd.*, 1922, **131**: 483.—**Atkinson, A. J., & Ivy, A. C.** The action of histamine on the gastric secretory response to histamine and to a meal. *Am. J. Physiol.*, 1934, **107**: 168.—**Babsky, E.** Experimentelle Untersuchungen zur Frage des Sodaeinflusses auf die sekretorische Tätigkeit der Magendrüsen. *Arch. Verdauungskr.*, 1928, **44**: 182-94.—**Bagnaresi, G.** Tono neuro-vegetativo, sostanze farmacodinamiche e funzione gastrica; influenza dell'ergotamina, dell'atropina e dell'acetilcolina sulla secrezione gastrica. *Arch. sc. med., Tor.*, 1931, **55**: 1-24.—**Baltaceanu, G.** Ueber die Wirkung des Atropins und einiger Bromide auf die Magensekretion. *Arch. Verdauungskr.*, 1932, **51**: 175-83.—**Bargi, L.** Azione dell'istidina sulla secrezione gastrica. *Riforma med.*, 1935, **51**: 1207-14.—**Becker, K. P., & Thaler, W.** Wirkung verschiedener Reizflüssigkeiten auf die Aziditätskurven der fraktionierten Magensaureherbergung. *Arch. Verdauungskr.*, 1933, **53**: 193-204.—**Bergman, A.** Acción del nitrato de sodio sobre la secreción gástrica. *Prensa méd. argent.*, 1928-29, **15**: 1526-31.—**Biguria, F., & Canzanelli, A.** The effect of continued oral administration of histaminase and pancreatin on gastric secretion. *Am. J. Physiol.*, 1934-35, **110**: 243-5.—**Bikov, K. M., & Petrova, M. K.** [New excitant of gastric glands] *Arch. biol. nauk*, 1925, **25**: 17-20.—**Boggian, B.** L'influenza della pancreatina per via endovenosa e degli estratti di fegato, milza e rene sulla secrezione gastrica. *Riforma med.*, 1930, **46**: 2023-6.—**Boller, R., & Pilgerstorfer, W.** Ueber die Wirkung von Speicheldrüsenextrakt auf die Magensekretion. *Klin. Wschr.*, 1936, **15**: 1608.—**Cascao, J. H., & Guerreiro, P.** Sur les variations de la sécrétion gastrique (acide, lab, pepsine) au cours de l'administration parentérale de pepsine. *C. rend. Soc. biol.*, 1932, **110**: 1062-5.—**Cella, C.** L'effetto del calcio sulla quantità di secrezione ed acidità gastrica. *Arch. ital. mal. app. diger.*, 1937, **6**: 381-400.—**Chang, H. C.** Effect of histidine on gastric secretion. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, **37**: 153-7.—**Charovotova, O. F.** Influence de la corrélation de la force et de la durée de stimulation sur la sécrétion des glandes gastriques. *Proc. Internat. Physiol. Congr.* (1935) 1938, **15**. Congr., 328.—**Chiabrera, G.** Azione della tirodina e dell'atropina sulla secrezione gastrica. *Minerva med.*, Tor., 1927, **7**: 797-804.—**Ciminata, A.** La sécrétion du fundus de l'estomac provoquée par des excitants chimiques appliqués sur la muqueuse de la pars-pylorica, dans un chien porteur de 2 petits estomacs à la Pavlov. *Arch. ital. biol.*, 1926, **76**: 38-48.—**Coronedi, G., & Delitala, F.** Expériences de pharmacologie et de physiologie sur la sécrétion du suc gastrique. *Ibid.*, 1910-11, **54**: 284.—**Destrée, P.** Hyperthermie naphthylaminique et sécrétion gastrique. *C. rend. Soc. biol.*, 1932, **110**: 593-5. — Hyperthermie par le dinitro- α -naphthol et sécrétion gastrique. *Ibid.*, 1938, **988**. — A propos de l'action du chlorure de carbaminoyl-choline sur la sécrétion gastrique. *Ibid.*, 1937, **124**: 853-5.—**Dienst, C.** Ueber den Einfluss des Wasserstoffsperoxydes und des Magensiumperhydroxids auf die Magensekretion. *Arch. Verdauungskr.*, 1926, **38**: 325-38. — Ueber die Wirkung eines Magensiumperhydroxids mit 45proz. MgO₂-Gehalt auf die Magensekretion. *Klin. Wschr.*, 1928, **7**: 46. — Ueber Sekretionsvorgänge im Magen bei pharmakologischen Prüfungen. *Ibid.*, 1933, **12**: 741-4.—**Dimitriu, C. C., Schwartz, L., & Platon, E.** L'action de l'histidine sur le pouvoir peptique du suc gastrique chez l'homme, à l'état normal et pathologique. *Bull. Acad. méd. Roumanie*, 1936, **2**: 589.—**Dimitriu, C. C., Tanasoka, T., & Platon, E.** L'action de l'histidine sur la motilité et l'acidité gastriques chez l'homme, à l'état normal et pathologique. *Ibid.*, 1936-8.—**Duschl, L., & Lingmann, H. J.** Untersuchungen der Säureausscheidung des menschlichen Magens mit Kallikrein. *Deut. Zschr. Chir.*, 1937, **219**: 380-93.—**Eidinova, M., & Frumin, S.** Action of injections of urica upon gastric secretion, as determined by the functional state of the glandular apparatus. *Bull. biol. méd. exp. URSS*, 1936, **1**: 356.—**Epstein, J.** Veränderung des Magenchemismus durch Brom. *Arch. exp. Path., Berl.*, 1932, **163**: 57-63.—**Farrell, J. I.** Contributions to the physiology of gastric secretion; the response of the glands to substances applied to the gastric mucosa. *Am. J. Physiol.*, 1928, **85**: 672-84.—**Ferguson, J. H., & Smith, E. R. B.** The effects of acetyl- β -methyl choline on the gastric acidity of monkeys. *J. Physiol., Lond.*, 1934-35, **83**: 455-8.—**Fiessinger, N., & Gajdos, A.** Comparaison de la sécrétion gastrique provoquée par la révulsion sinapisée et par l'ionisation à l'histamine. *Bull. Soc. méd. hôp. Paris*, 1933, **3**. ser., **49**: 1228-34.—**Filiński, W., & Rostkowski, K.** [Influence of geneserin on secretion of gastric juice] *Polska gaz. lek.*, 1927, **6**: 733-5.—**Flexner, J., & Wright, I. S.** The effect of acetyl- β -methyl choline, mecholyl, on the gastric secretion in animals and in man. *Am. J. Digest. Dis.*, 1938-39, **5**: 736-9.—**Fonseca, F. da, & Piedade Guerreiro, J. da.** Action des injections de

- sérum glucosé sur la sécrétion gastrique. C. rend. Soc. biol., 1930, 105: 148.—**Friedenwal, J., Einhorn, M.** [et al.] Führt der lange Gebrauch von Alkalien zu einer Herabsetzung der Säurewerte des Mageninhaltes? Arch. Verdauungskr., 1932, 52: 100-9.—**Friedman, M. H. F., Recknagel, R. D., & Patterson, T. L.** Gastric secretion as influenced by glucose and by urine extracts. Am. J. Physiol., 1940, 129: 358.—**Gerner, K.** [Research on activation of gastric juice by human blood serum] Polska gaz. lek., 1928, 7: 142.—**Gigante, D., & Perazzi, F.** Comportamento della secrezione gastrica dopo carico idrico: studio nell'uomo con stenosi esofagea serrata e fistola gastrica. Boll. Accad. med. Roma, 1930, 65: 196-204.—**Gray, J. S.** The effect of atropine on gastric secretion and its relation to the gastrin theory. Am. J. Physiol., 1937, 120: 657-62.—**Ivy, A. C.** Effects of mecholyl on gastric secretion. Ibid., 1937, 120: 657-62.—**Ivy, A. C.** Effects of mecholyl on gastric secretion. Ibid., 1937, 120: 657-62.—**Halpern, B. N.** Etude comparative de l'atropine et de l' α -phényl-valérate du diéthylamino-éthanol sur la sécrétion gastrique du chien. C. rend. Soc. biol., 1940, 133: 400-2.—**Harmon, P. H., & Andrews, E.** Effect of histamine and alcohol on acid secretion of stomach of postoperative cases. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 39.—**Hughes, T. A., & Sahai, P. N.** Effect of bile salt (sodium taurocholate) on gastric secretion. Ind. J. M. Res., 1929-30, 17: 453-60.—**Ivy, A. C., Terry, L.** [et al.] The effect of administration of aluminum preparations on the secretory activity and gastric acidity of the normal stomach. Am. J. Digest. Dis., 1936-37, 3: 879-83.—**Kellermann, E.** Untersuchungen mit der fraktionierten Magenausscheidung; die Wirkung des Atropins auf die Magensekretion. Arch. Verdauungskr., 1929, 45: 67-80.—**Die Beeinflussung der ungenügenden Tätigkeit der Magendrüsen mit peroral verabfolgbarem Cholinderivat.** Ibid., 1931, 50: 335-50.—**Kim, M. S.** The effect of secretagogues on gastric secretion. Mitt. Med. Akad. Kioto, 1934, 12: 1010-5.—**Kirsner, J. B., & Palmer, W. L.** The effect of various antacids on the hydrogen ion concentration of the gastric contents. Am. J. Digest. Dis., 1940, 7: 83-93.—**Klein, E.** Gastric secretion; the effect of atropine on the secretion of transplanted gastric pouches. Arch. Surg., 1933, 26: 246-57.—**The action of pilocarpine on the secretions of a transplanted gastric pouch without Auerbach's plexus.** Ibid., 1935, 30: 277-83.—**Kolta, E., & Benkovic, Z.** Ist die Magensekretion durch die Therapie beeinflussbar? Med. Klin., Berl., 1925, 21: 1538.—**Krajewski, F.** [Effect of low atmospheric pressures and inhalation of various gas mixtures on gastric secretion] Polski przegl. med. lot., 1938, 7: 100-38.—**Krantz, J. C., Jr., Silver, A. A., & Hoffman, B. J.** The effect of sodium malate combinations upon gastric acidity. Ann. Int. M., 1931, 4: 141-6.—**Lami, L.** Aumento del potere reticolico del succo gastrico in individui normali trattati parenteralmente con estratti epatici. Riforma med., 1938, 54: 6-15.—**Landau, A., & Glass, J.** Les rapports entre la fonction sécrétoire de l'estomac et les équilibres chloré et acido-basique de l'organisme; l'influence de la mobilisation du chlore tissulaire par le novasurol et l'influence du régime hypochloruré sur la sécrétion gastrique. Arch. mal. app. digest., Par., 1930, 20: 1017-51.—**László, G.** Clinical experiences with a buffer that normalises the hydrogen ion concentration of the stomach. Rev. Gastroenter., 1937, 4: 35-44.—**Levin, A. E., Gorinstein, M. L., & Rudy, M. S.** [Gastric secretion and evacuatory function of various experimental irritants] Sovet. klin., 1932, 17: 60-9.—**Also Arch. Verdauungskr., 1933, 53: 356-63.**—**Livrea, L.** Influenza dell'acprina, N.N.1 bis-metilcholinil metilsolfato 6 carbamide, sulla secrezione gastrica. Rass. internaz. clin. ter., 1940, 21: 163-70.—**Maass, U.** Bittermittel (Vidal's tonischer Wein) und Magensekretion. Med. Klin., Berl., 1933, 29: 1621.—**MacIntosh, F. C., & Krueger, L.** Choline as a stimulant of gastric secretion. Am. J. Physiol., 1938, 122: 110-31.—**Mahler, P.** Ueber die Beeinflussung der Magensaftsekretion durch kombinierte Salzsäure- und Glutaminsäuretherapie. Med. Klin., Berl., 1933, 29: 943-5.—**Malaguzzi Valeri, C., & Paternò, P.** Influenza dell'acido nicotinico e della nicotinamide sulla secrezione gastrica. Gazz. osp., 1939, 60: 925-8.—**Mann, F. D., & Mann, F. C.** An experimental study of some chemical inhibitors of gastric acidity. Am. J. Digest. Dis., 1939-40, 6: 322-5.—**Marinello, A.** Il CaCl₂ per via endovenosa nei riguardi della secrezione gastrica. Arch. ital. mal. app. diger., 1934, 3: 114-21.—**Masek, J.** Influence de la bromocholine sur le chimisme gastrique. C. rend. Soc. biol., 1936, 122: 430-3.—**Meinberg, L. J., & Brown, C. L.** The effect of pilocarpine on the volume, free and combined acid, total chlorides and pepsin of gastric secretion; and a comparison with the effects of histamine stimulation. Ann. Int. M., 1933, 7: 762-8.—**Also repr.—Meldolesi, G.** L'influenza della digitale sulla funzione gastrica (secrezione, motilità) studiata col metodo cinetico di Katsch e Kalk. Bull. Accad. med. Roma, 1933, 59: 263-6.—**Merklen, P., Warter, J., & Kabaker, J.** Action de l'acétylcholine sur l'acidité du suc gastrique et son rapport avec le degré de cette acidité. C. rend. Soc. biol., 1932, 111: 1013-5.—**Michelson, V., & Neumark, I. E.** Atropin, Adrenalin, Pilocarpin und ihre Wirkung auf die Magensekretion und ihre Phasen. Arch. Verdauungskr., 1926, 39: 275-86.—**Mitsuda, T., Kurihara, K., & Okazaki, K.** Ueber die Einflüsse des Atropins und einiger anderer Arzneimittel auf die Sekretion des Magensaftes. Jap. J. M. Sc., 1930-32, 2: Int. Med., 158.—**Mladoveanu, M. C.** L'action des nitrites sur la sécrétion gastrique. C. rend. Soc. biol., 1928, 99: 606-10.—**Moracchini, R., & Allodi, A.** L'influenza della sintalina sulla secrezione gastrica. Gior. Accad. med. Torino, 1928, 91: 107-16.—**Myerson, A., Rinkel, M., & Dameshek, W.** The autonomic pharmacology of the gastric juices. N. England J. M., 1936, 215: 1005-13.—**Neches, H., Motel, W. G.** [et al.] The effects of acetylcholine, acetyl-beta-methylcholine and prostigmine on the secretion of the stomach of man and dog. Am. J. Digest. Dis., 1938-39, 5: 224-31.—**Nikolaev, N. M., Zernova, M. G.** [et al.] [Effect of certain parenterally introduced substances on gastric secretion] Sovet. pediat., 1934, No. 5, 10-6.—**Pastor Zurita, L., & Espejo Garcia, R.** Acción de distintas substancias sobre el quimismo gástrico. Med. ibera, 1934, 28: pt. 2, 283-5.—**Petrovic, A.** Ueber die Wirkung von Calcium chloratum auf die Magensekretion beim Menschen. Arch. Verdauungskr., 1926, 39: 372-5.—**Petrovsky, G. A., & Pavlenko, D. S.** [Effect of medicinal substances on gastric secretion] Radianska med., 1939, 5: No. 4, 26-38.—**Pfaffenberg, R.** Ueber die Beeinflussung der Magensaftsekretion durch adsorbierende Mittel. Arch. Verdauungskr., 1933, 54: 191-6.—**Pollard, W. S.** The effect of atropine upon gastric secretion after histamine stimulation. J. Clin. Invest., 1930, 9: 319-32.—**Porter, R. T.** Studies of the effect of atropine on gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 504-7.—**Raah, W., & Klare, V.** Herabsetzung der Magensäurebildung durch lokale Vasokonstriktion. Wien. klin. Wschr., 1938, 51: 728.—**Also Zschr. klin. Med., 1937-38, 133: 673-91.**—**Rasenkow, I. P., Derwies, G. W., & Ssewerin, S. E.** Zur Frage nach Carnosinwirkung auf die Magensaftsekretion. Zschr. physiol. Chem., 1926, 162: 95-102.—**Richieri, A., Zunino, H., & González, G. P.** Acción de la esencia de menta sobre la secreción gástrica. Arch. argent. enferm. ap. digest., 1936-37, 12: 394-402.—**Ryss, S. M.** [Effect of sodium formate and certain sodium salts on the secretion of gastric gland] Sovet. vrach. gaz., 1932, 36: 467.—**Sakanyan, S. S.** [Influence of antipyrine on reflex gastric secretion under various modes of application. Bull. biol. méd. exp. URSS, 1939, 7: 312-4.—**Also Bull. eksp. biol. med., 1939, 7: 328-30.**—**Schedorff, J. G., & Ivy, A. C.** The incidence and permanence of unexplained gastric acidity in the rhesus monkey after histamine and mecholyl, with nematologic studies. Am. J. Digest. Dis., 1937-38, 4: 429-32.—**Sheftel, I. N.** [Effect of acids on gastric secretion] Vrach. gaz., 1931, 35: 516-22.—**Smirnov, N. C., & Manvelov, N. C.** [The effect of Semigorsk water on stomach secretions] Klin. med., Moskva, 1928, 6: 636-43.—**Also Zschr. ges. exp. Med., 1927, 57: 324-36.**—**Spanje, N. P. van** [Examination of the stomach, and the effect of certain medical preparations on the secretion of gastric juice] Geneesk. gids, 1936, 14: 815-841.—**Steinmann, J.** Le chimisme gastrique provoqué par des extraits de levures. Rev. méd. Suisse rom., 1937, 57: 736-45.—**Tagawa, J.** Ueber die magensekretionserregende Wirkung der salzsäuren Aminosäuren; Experimente am Menschen. Biochem. Zschr., 1931, 243: 330-43.—**Experimente an Hunden mit Kleintieren.** Ibid., 344-54.—**Experimente am Menschen bei duodenaler Einführung.** Ibid., 355-68.—**Temper, B. A.** [Effect of intravenous injections of sodium chloride on the acidity of the contents of the stomach] Odess. med. J., 1930, 5: 258-60.—**Tennenbaum, M.** Ueber die Einwirkung von Homatropin Methylnitrat auf die Magensaftsekretion. Arch. exp. Path., Lpz., 1930, 153: 325-30.—**Ungar, G.** Perfusion de l'estomac des sécrétions; étude pharmacodynamique de la sécrétion gastrique. C. rend. Soc. biol., 1935, 119: 172.—**Vandoloh, J.** Effect of adenylic acid on gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1933, 31: 28.—**Vándorfy, J., & Baráth, J.** [The changes in the pH of the gastric contents after the drinking of water, alcohol and acetic-acid solutions] Magy. orv. arch., 1928, 29: 1399-404.—**Also Zschr. ges. exp. Med., 1927, 55: 481-6.**—**Ueber die Wirkung von Pufferlösungen auf die Magensekretion.** Klin. Wschr., 1928, 7: 800-2.—**Veatch, E. P.** The effect of quinine and atabrin on the free hydrochloric acid and total acids of the stomach. Med. Rec., Houston, 1940, 34: 325-7.—**Veterlein, S.** Experimentelle Untersuchungen über den Einfluss von Brunnenkuren auf die Acidität des Mageninhalts bei Magen-Darm- und Gallenkrankheiten. Fortsch. Med., 1935, 53: 285-8.—**Walaski, J.** Les biodiálats intestinaux, agents inhibiteurs de la sécrétion gastrique. C. rend. Soc. biol., 1928, 99: 1169-71.—**Wieczorowski, E., Gray, J. S., & Ivy, A. C.** The effect of urogastrol on gastric secretion in man. Am. J. Physiol., 1940, 129: 496.—**Wyllie, D.** The influence of certain antacids on the acidity of human gastric juice; with special reference to magnesium trisilicate. Edinburgh M. J., 1940, 47: 336-44.

Secretion: Racial aspect.

- Abdel Kadir El-Shorbagi & Abdel Hamid Mustafa Kirsha.** The acidity of the gastric contents in Egyptian infants. J. Egypt. M. Ass., 1933, 16: 1098-103.—**Barnes, H. D., & Gordon, M. S.** Fractional gastric analysis in South African Bantu. S. Afr. J. M. Sc., 1937, 2: 75-81.—**Ellis, M.** Fractional test meals in the African. West Afr. M. J., 1934, 8: 16.—**Fernández Martínez, F.** Estudios sobre el quimismo gástrico en Andalucía. Siglo méd., 1929, 83: 685-91.—**Ghosh, J.** Analysis of gastric contents of healthy Bengali males; fractional test meal method using the standard oatmeal gruel. Calcutta M. J., 1937, 32: 325-31.—**Roy, B., & Mukherji, S.** Analysis of gastric contents of healthy Bengalee males. Ibid., 1938, 33: 45-52.—**Liboro, A., & Ortiga, S., Jr.** Gastric analysis by the fractional method among normal Filipinos. J. Philippine Islands M. Ass., 1935, 15: 239-48, 2 ch.—**Nagasaki, K.** On the gastric juice of natives of the Japanese South Sea Island; on the gastric juice of healthy persons. Jap. J. Gastroenter., 1933, 5: 111-4.—**Napier, L. E., & Das Gupta, C. R.** Haematological studies in Indians; fractional gastric analyses in normal Indians. Ind. J. M. Res., 1935-36, 23: 455-62.—**Rao, M. N.** Gastric analysis in Indians; a study of 100 cases. Ibid., 1936-37, 24: 1145-57.—

Rose, A. W. Fractional gastric analyses in natives of Nigeria. West Afr. M. J., 1934-35, 8: No. 4, 10-2.—Sánchez López, J., & Castilla Pérez, D. Estudios sobre jugo gástrico: datos para el estudio del quimismo gástrico en Andalucía. Med. ibera, 1929, 24: 211.

— Secretion: Regulation of acidity.

ENGESTRÖM, T. Beitrag zur Kenntnis der Magensaftacidität und der Verdünnungssekretion des Magens. 75p. 8°. Stockh., 1935.

STENZEL, M. *Untersuchungen über die Neutralisationsfähigkeit des Magens. 31p. 22½cm. Berl., 1938.

Apperly, F. L., & Cary, M. K. The chloride and alkali content of the duodenal secretions and their relation to gastric acidity and emptying time. Am. J. Physiol., 1936, 116: 337-42.—Apperly, F. L., & Norris, J. H. The automatic regulation of gastric acidity. J. Physiol., Lond., 1930-31, 70: 158-68.—Babkin, B. P. The physiological factors determining the acidity of the gastric juice and of the gastric contents. Canad. M. Ass. J., 1927, 17: 36-42. — The factors regulating the composition of the gastric juice. Ibid., 1931, 25: 134-9.—Bliss, T. L. The acid-base composition of gastric juice during the secretory cycle. Proc. Mayo Clin., 1929, 4: 234-6. Also Ann. Int. M., 1929-30, 3: 838-49.—Boldyreff, E. B. New facts concerning gastric secretion and acidity. Bull. Battle Creek San., 1931, 26: 213-21.—Boldyreff, W. N. The acidity of the gastric juice and contents of the fasting stomach; factors determining it and a short history of the problem. Acta med. scand., 1934, 82: 111-25. — & Martin, W. F. The physiological mechanism of the decrease of acidity in gastric contents. Ibid., 1938, 95: 151-66.—Bolton, C., & Goodhart, G. W. The variations in the acidity of the gastric juice during secretion. J. Physiol., Lond., 1931, 73: 115-35. — The role of duodenal regurgitation in the automatic regulation of the gastric acidity. Ibid., 1936, 87: 360-87.—Elman, R. Probable influence of pancreatic juice in the regulation of gastric acidity. Arch. Surg., 1928, 16: 1256-65. — & Eckert, C. T. Neutralization of gastric acidity following pyloric closure. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1343.—Elman, R., & Rowlette, A. P. The rôle of the pyloric sphincter in the behavior of gastric acidity. Arch. Surg., 1931, 22: 426-37.—Feng, T. P., Hou, H. C., & Lim, R. K. S. On the mechanism of the inhibition of gastric secretion by fat. Chin. J. Physiol., 1929, 3: 371-80.—Goldberg, S. L. Intrinsic regulation of gastric acidity. Arch. Int. M., 1932, 49: 816-25. Also repr.—Gorham, F. D. Factors in gastric acidity; the total chlorides as an index of gastric secretion. Tr. Am. Gastroenter. Ass. (1926) 1927, 29: 37-47.—Gray, J. S., & Bucher, G. The composition of gastric juice as a function of the rate of secretion. Am. J. Physiol., 1939, 126: 507.—Griffiths, W. J. The duodenum and the automatic control of gastric acidity. J. Physiol., Lond., 1936, 87: 34-40.—Hill, F. C., Henrich, L. C., & Wilhelmj, C. M. The mechanism by which the acidity of an acid meal is reduced in the stomach. Surg. Gyn. Obst., 1935, 60: 966-8.—Hollander, F. Mechanism of gastric secretion; the nature of gastric juice of constant maximum acidity. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 486. — Gastric juice acidity at the end of the secretory period. Ibid., 1929-30, 27: 817-9. — Studies in gastric secretion; the composition of gastric juice as a function of its acidity. J. Biol. Chem., 1934, 104: 33-42. — & Cowgill, G. R. Studies in gastric secretion; gastric juice of constant acidity. Ibid., 1931, 91: 151-82.—Ioffe, V. A. [Emptying of stomach contents into the duodenum in relation to its acidity.] Vrach. delo, 1929, 12: 14-6.—Kahn, J., & Yaurer, G. Zur Frage der Entstehung der Reaktion des Magensaftes bei der Verdauung. Arch. ges. Physiol., 1924, 206: 119-22.—Kalk, H. Ueber die sogenannte konstante Zusammensetzung des reinen Magensaftes. Klin. Wschr., 1932, 11: 270-4.—Kosaka, T., & Lim, R. K. S. Demonstration of the humoral agent in fat inhibition of gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1930, 27: 890. — On the mechanism of the inhibition of gastric secretion by fat; the rôle of bile and cystokinin. Chin. J. Physiol., 1930, 4: 213-20.—Lermann, W. W., & Nelson, L. M., jr. The influence of the pylorus upon the regulation of the acidity of the gastric secretion. Am. J. Digest. Dis., 1934, 1: 245-7.—McCann, J. C. Studies on the control of the acidity of the gastric juice. Am. J. Physiol., 1929, 89: 483-96. Also repr.—MacLean, H., & Griffiths, W. J. The automatic regulation of gastric acidity. J. Physiol., Lond., 1928-29, 66: 356-70.—Maslennikov, A. P., & Smotrov, V. N. [Significance of Boldyreff's theory in regulation of the acidity of the contents of the stomach.] Ter. arkh., 1939, 17: No. 6, 87-96.—Meunier, L. De la constante dans l'acidité du suc gastrique. Arch. mal. app. digest., Par., 1936, 26: 1009-14.—Moll, H., & Flint, E. R. The depressive influence of the sympathetic nerves on gastric acidity. Brit. J. Surg., 1928-29, 16: 283-307.—Nekhoroshev, N. P. Saure Magensekretion und periodische Tätigkeit des Verdauungskanaals bei nüchternen Hunden. Zschr. ges. exp. Med., 1929-30, 69: 64-73.—Olch, I. Y., & Elman, R. Regurgitation of duodenal contents as factor in neutralization of gastric acidity. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 184-6.—Ortner, A. Beitrag zur Kenntnis der Magenentleerung und ihrer Beziehung zur Verdünnungssekretion des

Magens. Arch. ges. Physiol., 1917, 168: 124-34.—Phillips, K., & Litterer, A. B. The diagnostic value of the neutralizing function of the stomach. J. Florida M. Ass., 1937-38, 24: 537-40.—Portugalov, S. O. [Neutralization of gastric juice with bile.] Vest. khir., 1932, 27: 96-100.—Rehfuß, M. E., & Eads, J. T. The regulation of gastric acidity. Tr. Am. Gastroenter. Ass. (1928) 1929, 31: 38-45.—Schwarz, H., & Taubenhäus, M. Ueber Säurebindung des Magensaftes und ihre Bedeutung für die Regulation der Magensaftacidität. Mitt. Ges. inn. Med. Wien, 1933, 32: 71-3. Also Zschr. ges. exp. Med., 1933, 89: 506-28.—Shay, H., Katz, A. B., & Schloss, E. M. Experimental studies in gastric physiology; evaluation of the rôle of duodenal regurgitation in the control of gastric acidity in man (Boldyreff theory) Arch. Int. M., 1932, 50: 605-19. Also repr.—Siekarowski, S., & Kosieradzki, K. [Glycocol as regulator of the acidity of the stomach contents.] Polskie arch. med. wewn., 1936, 14: 831-59, tab. Also Bull. internat. Acad. polon. sc., 1936, cl. mcd., 833-901.—Skála-Rosenbaum, J. [Neutralization and alkalization of the gastric juice.] Cas. lék. česk., 1932, 71: 175-7.—Solomon, S. P. [Correlation of acidity of the gastric juice and motor function of the stomach.] Sovet. klin., 1931, 16: 161-5.—Speransky, N. I. [Decrease of acidity of gastric contents after secretion.] Klin. med., Moskva, 1924, 5: 438-41.—Teorell, T. Duodenal regurgitation versus electrolyte diffusion in the gastric juice. Acta med. scand., 1935, 85: 518-24.—Webster, D. R. The variations in the acidity of the gastric juice during the secretory period. Am. J. Physiol., 1929, 90: 718-26.—Wilhelmj, C. M., & Finegan, R. W. The gastric secretory curve before and after the Mann-Williamson operation, and its bearing on the normal regulation of gastric acidity. Am. J. Digest. Dis., 1938-39, 5: 373-7. — & Hill, F. C. The physiological control of gastric acidity. Ibid., 1937-38, 4: 547-50. — A study of the intragastric factors in the regulation of gastric acidity. Am. J. Physiol., 1934-35, 110: 251-60. — Evidence against a pyloro-fundic reflex controlling acid secretion. Ibid., 1937, 119: 421.—Wilhelmj, C. M., Neigus, I., & Hill, F. C. A comparison of intragastric and duodenal factors in lowering the acidity of gastric contents. Ibid., 1934, 107: 490-507.—Wilhelmj, C. M., O'Brien, F. T., & Hill, F. C. The inhibitory influence of the acidity of the gastric contents on the secretion of acid by the stomach. Ibid., 1936, 115: 429-40. — The influence of the pylorus on the secretion of acid by the fundus. Ibid., 116: 163; 685.—Zaitsev, A. M. [Neutralization of the acid contents in the stomach and in the entire small intestine] Russ. vrach, 1915, 14: 680-5.

— Secretion: Relationship to blood and metabolism.

RADENKOVIĆ, D. M. *Untersuchungen über die Beziehungen zwischen der Magensekretion und dem Säurebasengleichgewicht. 31p. 8°. Rost., 1929.

Alvarez, W. C., Vanzant, F. R., & Carlson, L. A. The relations between hemoglobin and gastric acidity with and without gastric or duodenal ulceration. Tr. Ass. Am. Physicians, 1936, 51: 86-93.—Apperly, F. L., & Cary, M. K. The relation of gastric acidity to the erythrocyte content of the blood. Am. J. Digest. Dis., 1936-37, 3: 466-9.—Baccari, V. L'azoto aminico nel sangue in seguito a introduzione di HCl nello stomaco. Boll. Soc. ital. biol. sper., 1939, 14: 222-4.—Bakal-tschuk, M. Der Magen als Mitregulator des Säurebasengleichgewichts. Klin. Wschr., 1928, 7: 1551-3.—Bodrogi, G. [Relation of gastric secretion and acidity of urine.] Budapesti orv. ujs., 1936, 34: 1069-71.—Boller, R., & Ueberrack, K. Der Einfluss der Magenacidität auf die Zuckerbelastungsprobe. Wien. Arch. inn. Med., 1932, 22: 307-16.—Breitländer, Magensaftacidität und Hämoglobinsensitivität. Arch. klin. Chir., 1926, 143: 434-8.—Brestkin, M. P., Egorov, P. I., & Lemeschkowa, M. I. Ueber den Einfluss der Anoxämie auf die sekretorische Tätigkeit des Magens. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 325.—Browne, J. S. L., & Vineberg, A. M. Influence of hyperventilation on experimentally produced gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 437. — The interdependence of gastric secretion and the CO₂ content of the blood. J. Physiol., Lond., 1932, 75: 345-65.—Cella, C. Sul comportamento della calcemia durante il periodo digestivo e la sua relazione con i diversi gradi dell'acidità gastrica. Arch. ital. mal. app. diger., 1938, 7: 25-48.—Chapkevich, L. M. [Gastric secretion in relation to sodium chloride metabolism and acid-base equilibrium of the organism.] Russ. klin., 1928, 10: 549-66. Also Ter. arkh., 1932, 10: 237-49.—Cozzutti, G. Sull'importanza dell'acidità gastrica nell'ipoglicemia di sondaggio duodenale. Riforma med., 1935, 51: 244-55. — & Crespi, G. Secrezione gastrica e curva glicemica da carico. Clin. med. ital., 1940, 71: 169-95.—Cutting, W. C., Dodds, E. C. [et al.] Pituitary control of alimentary blood flow and secretion; the effect of alterations in blood flow on gastric secretion. Proc. R. Soc., Lond., 1937, ser. B, 123: 39-48.—D'Amato, H. J., Bordo, H. E., & Scopp, J. La función secretoria gástrica y sus relaciones con los equilibrios clorado y ácido-básico, del organismo. Arch. argent. enferm. ap. digest., 1936-37, 12: 622-9. Also Sem. méd., B. Air., 1937, 44: pt 2, 545-7.—Davies, D. T. Some observations on gastric secretion and its relationship to the urinary reaction. Brit. J. Exp. Path., 1929, 10: 1-9.—

De Bonis, G. Influenza della secrezione gastrica sull'equilibrio acido-basico e sul bilancio del cloro. *Fisiol. e med.*, Roma, 1932, 3: 837-62.—Delhougne, F. Hyperventilation der Lungen und Magensaftsekretion. *Klin. Wschr.*, 1927, 6: 804.—Delrue, G., & Lacquet, A. Etude de la sécrétion acide de l'estomac; effet de l'alcalose sur la sécrétion acide chez le chien; action du milieu ionique sanguin. *Arch. internat. physiol.*, Liège, 1934, 39: 295-310. — Action de l'alcalose sur la sécrétion acide de l'estomac. *C. rend. Soc. biol.*, 1933, 114: 570-2.—Delrue, G., & Van Damme, J. Etude de la sécrétion acide de l'estomac; corrélation entre la teneur sanguine en ions calcium et bicarbonates et l'intensité de la sécrétion acide. *Arch. internat. physiol.*, Liège, 1935-36, 42: 301-8.—Detre, L. [Gastric secretion and erythropoiesis] *Orvosképzés*, 1938, 28: 589-601.—Einhorn, M., & Rafsky, H. A. Relation of gastric acidity to the acidity of urine. *Bull. Battle Creek San.*, 1929, 24: 282-4.—Engberding, J. Der Einfluss von Magensaft auf die Blutbildung bei Ratten. *Mscr. Kinderh.*, 1933-34, 59: 332-40.—Fouts, P. J., Helmer, O. M., & Zerfas, L. G. Gastric juice in anemias other than pernicious anemia. *Am. J. Digest. Dis.*, 1934-35, 1: 677-84.—Hager, B. G. Alimentäre Leukocyten schwankungen und Aciditätsverhältnisse des Magens. *Klin. Wschr.*, 1939, 18: 1087-9.—Hanke, M. E. The alkalinity of gastric venous blood during gastric secretion. *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 107. — Johannesen, R. E., & Hanke, M. M. Alkalinity of gastric venous blood during gastric secretion. *Proc. Soc. Exp. Biol.*, N. Y., 1930-31, 28: 698-700.—Hattori, M. Beiträge zur Erforschung des Einflusses der Magenazidität auf den Chemosismus des Organismus. *Mitt. Med. Akad. Kioto*, 1935, 14: 1372-6.—Hellebrandt, F. A., Brogdon, E., & Hoopes, S. L. The effect of acute anoxemia on hunger, digestive contractions and the secretion of hydrochloric acid in man. *Am. J. Physiol.*, 1935, 112: 451-60.—Holler, G., & Blösch, J. Neue Untersuchungsergebnisse über Beziehungen zwischen der physiologischen und pathologischen sekretorischen Funktion des Magens zur Wasserstoffzahl des Blutes. *Verh. Deut. Ges. inn. Med.*, 1927, 39. Kongr., 317-21. — Studien über die gegenseitigen Beziehungen des Magenvorganges zur Reaktion des Blutes; über Normazidität. *Wien. klin. Wschr.*, 1927, 40: 1221-3. — Das Endresultat unserer Untersuchungen über das Verhalten der Nüchternblutreaktion bei den verschiedenen Aziditätsformen des Magens. *Ibid.*, 1928, 41: 761.—Ipsér, J. [Relation between the leukocytic blood picture and the acidity of the gastric secretion] *Cas. lék. česk.*, 1937, 76: 1460-4.—Jura, V. Clorémia, alcalosi ed acidità gastrica. *Boll. Acad. med. Roma*, 1935, 61: 238-45.—Jurkowski, J. [Effect of experimental acidosis and alkalosis on gastric secretion of the stomach] *Polskie arch. med. wewn.*, 1932, 10: 592-606.—Kalk, H., & Meyer, P. F. Blutzuckerspiegel und Magensaftsekretion. *Zschr. klin. Med.*, 1932, 120: 692-714.—Kin, Y. Studien über den Magensaft; über den Magensaft der Gesunden; Anhang: über die Schwankungen einiger Blutbestandteile bei der Magensaftsekretion. *J. Chosen M. Ass.*, 1933, 23: 65.—Klump, T. G., & Koletsky, S. The relation of gastric secretion to hematopoiesis. *Ann. Int. M.*, 1934-35, 8: 991-1007.—Kohen, D. [Gastric secretion and acido-alkaline equilibrium] *Vrach. gaz.*, 1927, 31: 840-3.—Kolts, E., & Benovics, Z. [Gastric secretions in connection with hydrogen concentration in the blood] *Ory. hertil.*, 1928, 72: 339.—Krajewski, F. [Effect of the composition of inhaled air on gastric secretion and blood] *Polski przegl. med. lot.*, 1937, 6: 65-109.—Kurschakow, N. A. Ueber einige biochemische Verschiebungen im arteriellen und venösen Blute in der Periode der Magensaftsekretion. *Acta med. scand.*, 1932, 78: 1-25.—La Barre, J. Sur l'origine centrale et parasympathique des hypersecretions gastriques consécutives aux états d'hypoglycémie. *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 146.—Landau, A., & Glass, J. L'influence de l'excitation et de l'inhibition de la fonction sécrétoire de l'estomac sur l'équilibre chloré et acido-basique de l'organisme. *Arch. mal. app. digest.*, Par., 1930, 20: 907-35.—Lapp, F. W., & Dibold, H. Magen- und Hypoglykämie. *Klin. Wschr.*, 1931, 10: 1221.—Lombardi, E., & Cino, J. A. Chimismo gastrico ed eritropoiesi. *Riforma med.*, 1936, 52: 1343-50.—Mach, R. S. Sécrétion gastrique et hypochlorémie. *Schweiz. med. Wschr.*, 1935, 65: 11-3.—Margreth, G., & Nannini, G. Rapporti fra secrezione gastrica e indacaturia. *Boll. Soc. med. chir. Modena*, 1932, 32: 23-30.—Marino, S., & Romeo, F. Influenza della secrezione acida dello stomaco sulle variazioni del tasso glicemico dopo somministrazione di caseina ed HCl. *Arch. farm. sper.*, 1933-34, 56: 407-42. — Nuovo contributo all'influenza della secrezione acida dello stomaco sul tasso glicemico, dopo stimolo istaminico. *Ibid.*, 1934-35, 58: 233-41.—Michelazzi, A. M. Acidità gastrica e glicemia. *Riv. clin. med.*, 1934, 35: 388-403.—Muramatsu, M. On the reciprocal relation between the gastric secretion and the chloride and sodium content of the blood. *Jap. J. M. Sc.*, 1931, 2: Tr. Biophys., No. 2, 54-6.—Ni, T. G., & Liu, A. C. Changes in the blood constituents accompanying gastric secretion; CO₂. *Chin. J. Physiol.*, 1927, 1: 199: 355-62.—Okunev, D. F. [Influence of the gastric secretion on the gaseous composition of the arterial and venous blood] *Klin. med.*, Moskva, 1932, 10: 126-30. — Solozniewa-Rjasanowa, M. S. Ueber den Einfluss der Magen- und Blutzuckerschwankungen, O₂-Ausnutzung und den Zucker- und Chloridgehalt im Arterien- und Venenblut. *Arch. Verdauungskr.*, 1933, 54: 78-96.—Pickett, A. D., & Van Liere, E. J. The effect of anoxia on gastric secretion from Pavlov and Heidenhain pouch dogs. *Am. J. Physiol.*, 1939, 127: 637-41.—Pontoni, L. Fattori gastrici ed extragastrici

dell'equilibrio generale del cloro durante la secrezione gastrica. *Arch. stud. fisiopat. ricambio*, 1933, 1: 339-403. — Sulle oscillazioni della clorémia e dell'indice cloropessico durante la secrezione gastrica. *Boll. Soc. ital. biol. sper.*, 1933, 8: 868-72.—Pospelov, S. A., Smotrov, V. N. [et al.] [Mechanism of gastric secretion; effect of blood sugar contents on gastric secretion] *Ter. arkh.*, 1936, 14: 542-67.—Povoleri, F. Acidità gastrica e riserva alcalina. *Gior. clin. med.*, 1936, 17: 211-27. — La riserva alcalina durante la secrezione gastrica a livello della circolazione sanguigna dello stomaco. *Ibid.*, 1937, 18: 1461-7.—Racugno, A. Ricerche sperimentali sui reciproci rapporti fra modificazione del chimismo gastrico e della citomopoiesi in giovani organismi. *Pediatrica (Riv.)*, 1937, 45: 216-25.—Sansone, L. Calcemia e cloruremia nei loro rapporti con la secrezione gastrica. *Osp. maggiore, Milano*, 1937, 25: 389-98.—Schiffers, L. Action de l'hypocalcémie sur la sécrétion acide de l'estomac. *C. rend. Soc. biol.*, 1934, 115: 1253-5. Also *Arch. internat. physiol.*, Liège, 1936, 43: 452-9.—Schulten, H. Azidität von Magensaft und Urin in ihrem Zusammenhang untereinander und mit dem Säure-Basen-Gleichgewicht des menschlichen Körpers. *Münch. med. Wschr.*, 1928, 75: 898-901.—Sleeth, C. K., & Van Liere, E. J. Effect of various degrees of anoxemia on secretion of acid and chlorides by the stomach. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 36: 208-11.—Soley, M. H., Lagen, J. B., & Lockhart, J. C. The effect of sodium chloride deficiency on gastric acidity. *Am. J. M. Sc.*, 1938, 196: 88-94. Also repr.—Soula, C., Ducuing, J. [et al.] Equilibre glycémique et travail sécrétoire gastrique. *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 237.—Sutić, D., & Hahn, A. L'influence de l'acidité gastrique sur la glycémie alimentaire. *Schweiz. med. Wschr.*, 1937, 67: 187-9.—Talaat, M., & Cerqua, S. The histamine equivalent of the arterial blood during the chemical phase of gastric secretion. *J. Egypt. M. Ass.*, 1936, 19: 683-6.—Taylor, F. W., & Michael, A. C. Relation of blood CO₂ and dehydration to gastric acidity. *Am. J. Digest. Dis.*, 1940, 7: 67-9.—Thiele, W. Magenacidität und Kalkstoffwechsel. *Klin. Wschr.*, 1937, 16: 165-7.—Wainstein, S. S., Cherkassky, M. A., & Shcheglov, A. V. [Secretory function of the stomach in relation to chloride metabolism] *Ter. arkh.*, 1934, 12: 1-15.—Zavadzki, I. V. [Influence of gastric juice secretion in imaginary feeding, upon the blood composition] *Russ. vrach*, 1912, 11: 726.

Secretion: Types and standards.

Alexandrov, A. [Functional types of gastric secretion; their relation to the sympathetic system and the constitution] *Vrach. delo*, 1928, 11: 197-203.—Alvarez, W. C. Standards of normal in gastric secretion. *Ann. Int. M.*, 1932, 6: 314-7.—Fleckel, J. Beitrag zur Kenntnis der Typen der Magensekretion. *Arch. Verdauungskr.*, 1932, 51: 227-49.—Flekel, I. M. [Study of the types of gastric secretion] *Russ. klin.*, 1929, 11: 307-18.—Lerman, J., Pierce, F. D., & Brogan, A. J. Gastric acidity in normal individuals. *J. Clin. Invest.*, 1932, 11: 155-65.—Luis y Yagüe, R. Tipos clínicos más comunes de quimismo gástrico. *Rev. iber. amer. cienc. méd.*, 1912, 28: 73-85.—Pollard, W. S., & Bloomfield, A. L. Basal gastric secretion in man. *Bull. Johns Hopkins Hosp.*, 1931, 49: 302-11.—Simnitsky, S. S. Ueber die Reversibilität der Magen- und Hypoglykämie. *Wien. Arch. inn. Med.*, 1926, 13: 105-16. Also *Zschr. ges. exp. Med.*, 1926, 49: 649-57.—Vanzant, F. R., Berkson, J., & Alvarez, W. C. Nomograms delineating standards of normal gastric acidity. *Proc. Mayo Clin.*, 1933, 8: 425-9.—Wilhelm, C. M., & Sachs, A. The characteristics of the normal human gastric secretory curve, using an improved gastric test meal. *Am. J. Digest. Dis.*, 1939-40, 6: 529-35.

Secretion: Variation.

BRIDŽIUS, A. J. *Einfluss der Muskelarbeit auf die Magensekretion nach Versuchen am Hunde. p.573-87. 8°. Berl., 1926. Also *Zschr. ges. exp. Med.*, 1926, 51: NOPENEN, P. *Zur Kenntnis der Magenazidität der Gesunden und über einige auf dieselbe einwirkende Faktoren. 168p. 8°. Helsin., 1931. Also *Acta Soc. med. Duodecim*, 1931, 14: ser. B. Alvarez, W. C., Vanzant, F. R., & Osterberg, A. E. Daily variations in the concentrations of acid and pepsin in the gastric juice of 3 persons observed for 2 months. *Am. J. Digest. Dis.*, 1936-37, 3: 162-4.—Apollonov, A. [Influence of muscle work on gastric secretion] *Arch. med. nauk*, 1929, 2: 17-24.—Babkin, B. P. Variations in the composition of the gastric juice under different conditions. *Tr. R. Soc. Canada*, 1930, 3. ser., 24: Sect. Biol., 201-5.—Brestkin, M. P. [Inhibitory effect of physical work and pain stimulation on the secretion of the gastric glands] *J. Physiol. USSR*, 1936, 20: 790-7.—Brogdon, E., Hellebrandt, F. A. [et al.] An investigation of the influence of exercise upon digestion in the stomach; the effect of swimming upon the acidity of the gastric juice. *Res. Q. Am. Phys. Educ. Ass.*, 1934, 5: 52-62.—Chalfen, S. S. Die Sekretion des Magens während der Nacht. *Arch. Verdauungskr.*, 1930, 47: 106-9.—Conti, G. Comportamento della secrezione acida dello stomaco nel passaggio dai climi temperati a quelli tropicali. *Ann. med. nav.*, Roma, 1937, 43: 151-4.—Crandall, L. A. The effect of physical exercise

on the gastric secretion. *Am. J. Physiol.*, 1928, 84: 48-55.—**Delhougne, F.** Ueber den Einfluss anstrengender Arbeit auf die Magensaftsekretion. *Deut. Arch. klin. Med.*, 1926, 150: 78-82.—**Delruc, G.** Etude de la sécrétion acide de l'estomac; sécrétion durant le séjour à haute altitude. *Arch. internat. physiol.*, Liège, 1934, 38: 126-37. — Modifications de la sécrétion acide de l'estomac durant le séjour à l'altitude. *C. rend. Soc. biol.*, 1933, 113: 940-2.—**Demole, M. J.** L'horaire de la sécrétion gastrique; sa valeur pour le diagnostic comparée à celle de l'acidité. *Arch. mal. app. digest.*, Par., 1935, 25: 907-20.—**Eggleston, E. L.** Observations on the variability of the gastric juice. *N. York M. J.*, 1910, 92: 859-61. Also repr.—**Gerke, A. A.** [Gastric secretion in relation to the position of the stomach] *Klin. med.*, Moskva, 1930, 8: 914-8.—**Hellebrandt, F. A., & Hoopes, S. L.** Studies in the influence of exercise on the digestive work of the stomach; its effect on the secretory cycle. *Am. J. Physiol.*, 1934, 107: 348-54.—**Hellebrandt, F. A., & Miles, M. M.** The effect of muscular work and competition on gastric acidity. *Ibid.*, 1932, 102: 258-63.—**Hellebrandt, F. A., Tepper, R. H.** [et al.] Nocturnal and diurnal variations in the acidity of the spontaneous secretion of gastric juice. *Am. J. Digest. Dis.*, 1936-37, 3: 477-81.—**& Catherwood, R.** Spontaneous variations in human gastric acidity. *Am. J. Physiol.*, 1936, 116: 73.—**Henning, N., & Norporth, L.** Die Magensekretion während des Schlafes. *Deut. Arch. klin. Med.*, 1931-32, 172: 558-62. — Untersuchungen über die sekretorische Funktion des Magens während des nächtlichen Schlafes. *Arch. Verdauungskr.*, 1933, 53: 64-87.—**Hollander, F.** Factors which reduce gastric acidity; a survey of the problem. *Am. J. Digest. Dis.*, 1938-39, 5: 364-72.—**Hubbard, R. S.** Variations in the results of gastric analysis. *Clifton M. Bull.*, 1926-27, 12: 1-7.—**Isaev, P.** [Effect of the subtropical climate of Central Asia on the gastric secretion in the Red Army] *Vocn. san. delo*, 1936, No. 6, 42-6.—**Keller, F., & Molnár, A. L.** Die Tagesschwankungen der Magensekretion und ihre klinische Bedeutung. *Arch. Verdauungskr.*, 1927, 41: 262-74.—**Khalifen, S. S.** [Night secretions of the stomach] *Klin. med.*, Moskva, 1929, 7: 757-63.—**Preston, R. S.** Gastric and duodenal secretion; tabulated comparison of stimuli. *Virginia M. Month.*, 1932, 59: 263-74.—**Rosenfeld, P. E.** [Study of the secretory function of the stomach in the Red Army] *Mosk. med. J.*, 1930, 10: 23-31.—**Separović, N.** [Effect of muscular work on gastric secretions] *Bratisl. lek. listy*, 1929, 9: 234-45.—**Shapiro, J. E.** [Effect of biologic and social factors on gastric secretion] *Vrach delo*, 1931, 14: 219-27.—**Stary, Z., & Mahler, P.** Zur quantitativen Bestimmung der Magensekretion; über die physiologische Variationsbreite der Magensaftkonzentration. *Zschr. ges. exp. Med.*, 1927, 58: 306-13.—**Toby, C. G.** Effect of different types of stimuli on the composition of the gastric juice. *Q. J. Exp. Physiol.*, Lond., 1935-36, 26: 45-62.—**Troitsky, I. A.** [Effect of muscular work (walking) on the secretory function of the gastric glands of the horse] *Sovet. vet.*, 1939, 16: 54-9.—**Vanzant, F. R., & Alvarez, W. C.** What is the value of one gastric analysis? a study of the daily variation in the gastric acidity of 2 normal persons. *Proc. Mayo Clin.*, 1931, 6: 419-22.—**& Macy, J., jr.** Seasonal variations in gastric acidity. *Ibid.*, 1932, 7: 613-5.—**Varga, L.** [Variations in gastric reaction by different stimuli] *Orv. hetil.*, 1936, 80: 702-6. — [Effect of various stimuli upon the gastric chemistry] *Ibid.*, 1931-5. — Die Wirkung verschiedener Reize auf den Magenchemismus. *Arch. Verdauungskr.*, 1937, 62: 14-23. — Die Beeinflussung des Magenchemismus durch verschiedene Reize. *Zschr. klin. Med.*, 1936-37, 131: 334-43.—**Webster, D. R.** Changes in the composition of the gastric juice under different stimuli. *Tr. R. Soc. Canada*, 1931, 3. ser., 25: Biol. Sc., Sect. 5, 213-24.—**Winkelstein, A.** One hundred and sixty-nine studies in gastric secretion during the night. *Am. J. Digest. Dis.*, 1934-35, 1: 778-82.—**Zel'manova, E. S., & Malkin, I. V.** [Effect of lowered barometric pressure on the secretion of gastric glands] *Biull. eksp. biol. med.*, 1940, 9: 262-4.

— Secretion: Variation: Age and constitution.

HUHTIKANGAS, H. *Untersuchungen über die Reaktion des Mageninhalts bei Neugeborenen vor der ersten Nahrungsaufnahme. 88p. 8°. *Helsinki*, 1936.

Also Acta Soc. med. Duodecim, 1936, 24: Ser. B.

SCHACKWITZ, A. *Wasserstoff-Ionenkonzentrationen im Ausgeheberten des Säuglingmagens. 30p. 8°. *Kiel*, 1914.

Bloomfield, A. L. The mechanism of decrease of gastric secretion with advancing years. *Am. J. M. Sc.*, 1935, 190: 325-30. — The decrease of gastric secretion with advancing years; further observations. *J. Clin. Invest.*, 1940, 19: 61-3. — **& Keefer, C. S.** Gastric acidity; relation to various factors such as age and physical fitness. *Ibid.*, 1928, 5: 285-94.—**Corsdress, O.** Beitrag zur Physiologie der Magensaftsekretion beim Säugling. *Mschr. Kinderh.*, 1927, 36: 150-63.—**Davies, D. T., & James, T. G. I.** An investigation into the gastric secretion of 100 normal persons over the age of 60. *Q. J. Med.*, Oxf., 1930-31, 24: 1-14.—**Gukasian, A. G., & Bumazhnaya, K. L.** [Age and gastric secretion] *Ter. arkh.*, 1936, 14: 459-69.—**Izumita, T.** Die Azidität des Magensaftes

bei gesunden Neugeborenen und Säuglingen. *Jahrb. Kinderh.*, 1930, 3. F., 79: 319-34.—**Klementieva, A. A., & Khodzhash, A. V.** [Secretory function of the stomach in youth] *Klin. med.*, Moskva, 1931, 9: 56-9.—**Lesné, E., & Coffin.** Contribution à l'étude du chimisme gastrique du nourrisson. *C. rend. Soc. biol.*, 1927, 96: 64-6.—**Racugno, A.** Osservazioni intorno alle conoscenze sul chimismo gastrico nei bambini. *Clin. pediat.*, Mod., 1936, 18: 129; 331.—**Seyffarth, S.** Ueber die Azidität des Mageninhaltes frühgeborener Kinder. *Jahrb. Kinderh.*, 1933, 3. F., 90: 164-79.—**Steimann, W.** Mageninhaltsskurven bei Säuglingen. *Mschr. Kinderh.*, 1936, 65: 264-78.—**Valter, E. M., & Fabrikant, G. L.** [Active acidity of the stomach contents in infants] *J. izuch. rann. detsk. vozr.*, 1929, 9: 279-88.—**Vanzant, F. R.** The normal range of gastric acidity from youth to old age: an analysis of 3,746 records. *Proc. Mayo Clin.*, 1931, 6: 297-300. — **Alvarez, W. C., & Berkson, J.** The relation in man between gastric acidity and height and weight. *Am. J. Digest. Dis.*, 1936-37, 3: 83-6.—**Vanzant, F. R., Alvarez, W. C.** [et al.] The normal range of gastric acidity from youth to old age; an analysis of 3,746 records. *Arch. Int. M.*, 1932, 49: 345-59. Also repr.—**Wills, L., & Patterson, D.** A study of gastric acidity in infants. *Arch. Dis. Childh.*, Lond., 1926, 1: 232-44.

— Secretion: Variation: Diet.

See also subheading Secretion: Examination: Test meal.

ESKOLA, O. *Ueber Magenazidität und Nahrung. 112p. 8°. *Helsinki*, 1934.

Also Acta Soc. med. Duodecim, 1934, 19: Ser. B.

HOFSTEIN, J. *Influence du régime sans sel sur la sécrétion gastrique; applications thérapeutiques. 60p. 8°. *Strasbourg*, 1932.

MÜHLFORDT, L. *Ueber die Einwirkung der Kriegskost auf die Magensaftsekretion. 27p. 8°. *Königsberg*, 1919.

Rütz, R. *Wirkung von Milcheiweiß auf die Magensaftsekretion. 20p. 23cm. *Berlin*, 1939.

Afendulis, T. C. Die Magensekretion unter Kochsalzbelastung. *Zschr. klin. Med.*, 1938-39, 135: 28-41.—**Appell, A. A.** Effect of jejunal feeding on gastric acidity. *Arch. Surg.*, 1935, 30: 875-80.—**Babkin, B. P.** Nervous control of gastric secretion and effect of vitamin deficiency on its production. *Canad. M. Ass. J.*, 1933, 29: 5-9.—**Bickel, A.** Ueber den Einfluss von Eiweißabbauprodukten auf die Magensaftsekretion. *Arch. Verdauungskr.*, 1929, 46: 70-80.—**Boiaudurov, B. I.** [Physiology of gastric secretion; variability of the characteristics of the gastric secretion in relation to the time of partaking food] *Arkh. biol. nauk*, 1934, 34: 125-40.—**Bonorrino, Udaondo, C., Zunino, H., & Carulla, J. E.** La acción del jugo de naranjas sobre la acidez gástrica. *Arch. argent. enferm. ap. digest.*, 1938-39, 14: 417-27.—**Cohen, H.** Ueber den Einfluss der salzarmen Ernährung auf die Magensaftsekretion. *Med. Klin.*, Berl., 1930, 26: 1369.—**Gantt, W. H.** Vergleich der erregenden Wirkung vom Schwarz- und Weissbrot auf die Magensaftsekretion. *Zschr. ges. exp. Med.*, 1926, 52: 688-91.—**Grote, L. R.** Magensaftabsonderung und Krieg. *Deut. med. Wschr.*, 1918, 44: 1102-4.—**Grünberg, H. J.** Einfluss frischer Früchte und Beeren auf die Sekretionsfähigkeit des Magens. *Arch. Verdauungskr.*, 1928, 44: 123-32.—**Heupke, W.** Die Wirkung der Röstprodukte auf die Magensekretion. *Ibid.*, 1935, 57: 149-55. — Die Wirkung der Gewürze auf die Abscheidung des Magensaftes. *Deut. Arch. klin. Med.*, 1931-32, 172: 583-98.—**Hoetzel, F.** The effect of variations in protein intake on the acidity of the secretion of the fasting stomach. *Am. J. Physiol.*, 1926, 77: 166-80.—**Hoesslin, H. von.** Ueber Verdauung und Ausnutzung tierischer Organe; Magensaftabsonderung. *Deut. Arch. klin. Med.*, 1929, 165: 363-8.—**Kalk, H.** Zur Beurteilung der Magensekretion bei der Einführung eiweißreicher Substanzen. *Med. Klin.*, Berl., 1931, 27: 90-2.—**Karpevich, A. F.** [Variability of the reaction of gastric juices during digestion in salt-water fish] *J. Physiol. USSR*, 1936, 21: 100-25.—**Kellogg, J. H., & Boldyreff, W. N.** De l'influence des végétaux sur la sécrétion gastrique. *C. rend. Soc. biol.*, 1926, 95: 1145.—**Komarov, O., & Komarov, S. A.** The effect of olive oil and of cod liver oil on gastric secretion in the dog. *Canad. M. Ass. J.*, 1940, 43: 129-33.—**Koschtoljan, C. S.** Der Einfluss andauernder Speiserregimes auf die Sekretionsfähigkeit des Magens. *Arch. ges. Physiol.*, 1928, 220: 642-52.—**Koski, T., & Luukkonen, L.** Ueber den Einfluss der Fütterungsmethoden auf die Azidität des Säuglingsmagens. *Acta paediat.*, Upps., 1937, 21: 250-5.—**Kraewski, R.** [Effect of various diets on gastric secretion; effect of diet deprived of salt and various solutions of common salt] *Polskie arch. med. wewn.*, 1937, 15: 816-31.—**Krajewski, F.** [Effect of various diets on the secretory function of the mucous membrane of the stomach; effect of Jarocki's second diet] *Ibid.*, 1936, 14: 1040-95. Also *Bull. Internat. Acad. polon. sc.*, 1936, cl. méd., 703-22. — [Effect of various diets on the secretory function of the mucous membrane of the stomach; effect of Jarocki's albumin-fat diet] *Polskie arch. med. wewn.*, 1936, 14: 400-25. Also *Lek. wojsk.*, 1936, 27: 502-10. — L'action de différentes diètes sur la

secrétion gastrique; l'action de la diète de Jarocki, composée exclusivement d'albumines et de graisses. Bull. internat. Acad. polon. sc., 1936, cl. méd., 693; 1937, cl. méd., 575. — L'influence de la diète de Jarocki composée exclusivement d'albumines et de graisses [sur la sécrétion gastrique]. Arch. internat. neur., Par., 1937, 56: 337. — **Lim, R. K. S.** Observations on the mechanism of the inhibition of gastric function by fat. Q. J. Exp. Physiol., Lond., 1933, 23: 263-8. — **Hou, H. C.** [et al.] The basal secretion of the stomach; the influence of feeding bone and other hard objects. Chin. J. Physiol., 1930, 4: 1-20. — **Livieratos, S., Tsellos, & Retzepl, H.** Wirkung des Vitamin A auf die Sekretion des Magens. Wien. med. Wschr., 1940, 90: 280-4. — **Orlowski, W.** Recherches sur l'influence des sucs de légumes sur la sécrétion gastrique. C. rend. Soc. biol., 1927, 96: 352-4. Also Ann. méd., Par., 1928, 24: 523-44. — **Papp, J.** [Action of Bi-vitamin on secretion of gastric juice] Orv. hetil., 1940, 84: 247-50. — **Pewsnor, M. I., Lewin, G. L., & Chechulin, S. I.** Zur Frage über den Einfluss verschiedener diätetischer Gerichte auf die sekretorische Funktion des Magens. Arch. Verdauungskr., 1930, 47: 71-86. — **Prins, G.** Involpoed op de maagafscheiding door het bruinbrood. Ned. tschr. geneesk., 1916, 1: 1612-8. — **Ptschelina, A.** Ueber die Tätigkeit der Magendrüsen bei verschiedenen in den Speishäusern des Moskauer Sanitätsamts angewandten Diäten. Arch. Verdauungskr., 1927, 41: 98-120. — **Razumov, N., & Levin, F.** [Dietetics of gastric hypersecretion; influence of milk on secretory functions of the stomach] Klin. med., Moskva, 1927, 5: 743-55. — **Sheresheosky, R.** Ueber die Einwirkung von Nähr- und Tropfküsten auf die Magensaftsekretion. Arch. Verdauungskr., 1929, 45: 57-9. — **Sokolovsky, V. P.** [Clinical observations on the effect of fat on the gastric secretion] Klin. med., Moskva, 1929, 7: 16-23. — **Stanojević, B.** [Clinical studies on the effect of lemon juice on gastric secretions] Cas. lek. česk., 1928, 67: 755-62. — **Strauss.** Ueber Magensaftzusammensetzung bei Kriegsteilnehmern. Med. Klin., Berl., 1918, 14: 668. — **Timofeev, N. V.** [Clinical and physiological view-point on the changes in the gastric secretions by the diet] Mosk. med. J., 1928, 8: 7-16. — **Trussevich, B. I., & Shapiro, Y. E.** [Effect of a cabbage meal on gastric secretion in man] Vrach. gaz., 1930, 34: 1215-8. Also Arch. Verdauungskr., 1931, 49: 338-41. — **Webster, D. R., & Armour, J. C.** Effect of vitamin deficiency on gastric secretion. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1297-300. — **Vitamin B complex and gastric secretion.** Ibid., 1934, 31: 463. — **Westermann, H. H.** Hülsenfrüchte, Kohlgemüse und Nikotin als Magensaftlocker. Münch. med. Wschr., 1936, 83: 1835-7.

— Secretion: Variation, experimental and postoperative.

See also **Gastrectomy, Effect; Gastroenterostomy, Effect, &c.**

SCHMIDT, H. K. *Das sekretorische Verhalten des operierten menschlichen Magens. 40p. 8°. Frankf. a. M., 1926.

Antonov, M. I. [Effect of tracheal respiration on the gastric secretion] Vrach. delo, 1940, 22: 141. — **Boggian, B.** L'influenza degli estratti di mucosa appendicolare sulla secrezione gastrica. Riforma med., 1935, 51: 446-51. — **Ciocca, E.** Contributo allo studio delle modificazioni del chimismo gastrico dopo gli interventi dello stomaco con la prova istaminica. Clin. chir., Milano, 1928, 31: 687-96. — **Grindlay, J. H.** Acid secretion following procedures on the pars pylorica of the stomach. Proc. Mayo Clin., 1940, 15: 225-8. — **Ivy, A. C., & Bachrach, W. H.** An abnormal mechanism for the excitation of gastric secretion in the dog. Am. J. Digest. Dis., 1940, 7: 76-8. — **Ivy, A. C., Droegemeier, E. H., & Meyer, J. L.** Effect of experimental pyloric stenosis on gastric secretion. Arch. Int. M., 1927, 40: 434-45. — **Ka, T.** Secretion of the gastric juice in the Eck-fistula dogs. Tohoku J. Exp. M., 1939, 36: 475-502. — **Kim, M. S.** The effect of various digestive juices on gastric secretion in gastric phase. Jap. J. M. Sc., 1936-38, 4: Biophysics, 128-32. — **Klein, E.** Gastric secretion; studies in a transplanted gastric pouch without Auerbach's plexus. Arch. Surg., 1932, 25: 442-9. — **Arnheim, E.** Gastric secretion; a transplanted subcutaneous gastric pouch. Ibid., 433-49. — **Lebedinskaja, S. I.** Ueber die Magensaftsekretion bei Eck'schen Fistelhunden. Zschr. ges. exp. Med., 1933, 88: 264-70. — **Lorenzetti, C.** Modificazioni postoperatorie del chimismo gastrico. Arch. Soc. ital. chir., 1929, 35: 608-13. — **Macht, D. I., & Paulson, M.** Comparative pharmacology of stomach washings from pernicious anemia and essential achylia. Proc. Soc. Exp. Biol., N. Y., 1931, 29: 324. — **MacLean, H., Griffiths, W. J., & Williams, B. W.** Variations in the acidity and total chloride contained in the secretion from an isolated Pavlov pouch in the dog. J. Physiol., Lond., 1928, 65: 77-82. — **Mairano, M.** Studio sperimentale sull'influenza della colecistectomia sulla secrezione gastrica. Minerva med., Tor., 1927, 7: 1277-86. — **Masaki, T.** Relation between pyloric portion and gastric secretion, with special reference of influence of various operations, atropin and adrenalin injections upon it. Jap. J. M. Sc., 1934-36, 4: Surg., 268. — **Nasarov, N. N.** [Experimental and clinical data on the problem of changes in the acidity of the stomach contents after 80% alcohol injections into the nerve plexus of the region of the small omentum] Vest. khir., 1930, 20: 75-82. — **Neumann, J.** Ueber die sekretorischen Verhältnisse des operierten Magens; Untersuchungen

an 76 Patienten mittels fraktionierter Ausheberung, unter Berücksichtigung von Säure, Chlor, Pepsin und der Entleerung. Beitr. klin. Chir., 1932, 155: 335-70. — **Paggh, B.** Il comportamento dell'acidità del succo gastrico dopo gli interventi per ulcere duodenali e gastriche. Policlinico, 1936, 43: sez. chir., 65-75. — **Reimann, S. P., & Snellbaker, L.** Gastric secretion following various gastric operations. Proc. Path. Soc. Philadelphia, 1927, n. ser., 29: 35. — **Sary, Z., & Mahler, P.** Ein künstlicher Eingriff in den Halogenhaushalt des Magens. Med. Klin., Berl., 1928, 24: 18-20. — **Steinberg, M. E., Brougher, J. C., & Vidgoff, I. J.** Changes in the chemistry of the contents of the stomach following gastric operations. Arch. Surg., 1927, 15: 749-61. — **Sugishima, I.** Die experimentelle Forschung über die Magen- besonders Fundusdrüsensekretion: über die normale Sekretion des Pavlov'schen kleinen Magens. Jap. J. Exp. M., 1932, 10: 177-201. — Ueber den Einfluss der parenteral injizierten Zellsubstanz verschiedener Organe auf die Sekretionsfähigkeit des Pavlov'schen kleinen Magens. Ibid., 373-93. — **Walters, W.** Studies of gastric secretory function following operations on the stomach and duodenum. Proc. Mayo Clin., 1934, 9: 504-11. — **Webster, D. R., & Armour, J. C.** Effect of pyloric obstruction on the gastric secretion. Tr. R. Soc. Canada, 1932, 3. ser., 26: 109-20. — **Wilhelm, C. M., & Finegan, R. W.** The gastric secretory curve before and after the Mann-Williamson operation and its bearing on the question of duodenal regurgitation. Am. J. Physiol., 1937, 119: 420. — **Baca, D. E.** Characteristics of certain experimentally produced anomalies of the gastric secretion curve. Am. J. Digest. Dis., 1939-40, 6: 73-80. — **Yamauchi, T.** Ueber den Einfluss der bilateralen Nephrektomie auf die Magensaftsekretion. Jap. J. M. Sc., 1938-39, 5: Int. M., 260. — **Yoshitoshi, T.** Experimental study on the stomach secretion after nonresection operation of the vagus nerve. Verh. Jap. chir. Ges., 1935, 36: 30.

— Secretion: Variation: Physical factors.

KRAUSS, A. D. *Die Beeinflussung der Magensaftsekretion durch Höhensonnenbelichtungen. 24p. 22 $\frac{1}{2}$ cm. Tüb., 1938.

SELL, A. R. *Ueber die Wirkung von äusseren Temperaturreizen auf die Sekretionsfähigkeit des Magens [Würzburg] 16p. 8° Lpz., 1930.

Agapova, M. D., Kovyrev, I. G., & Chubenko, N. V. [Comparative physiology of digestion; methods in investigating the gastric glands of the turtle and the effect of mechanical excitation on their secretion] J. Physiol. USSR, 1938, 25: 77-82. — **Allodi, A.** Il comportamento della secrezione gastrica verso stimoli fisici differenti (meccanici, termici, diatermici ed elettrici) studiato parallelamente nello stesso soggetto. Gior. Acad. med. Torino, 1929, 92: 483-5. Also Arch. sc. med., Tor., 1930, 54: 81-96. — **Annoni, G., & Cozzutti, G.** L'azione degli stimoli meccanici sulla secrezione gastrica. Arch. ital. mal. app. diger., 1937, 6: 348-64. — **Bogendorfer, L.** Ueber den Reflexweg bei der Wirkung von äusseren Temperaturreizen auf die Sekretionsfähigkeit des Magens. Zbl. allg. Path., 1933, 58: Sonderbd. 31-6. — **Sell, A. R.** Ueber die Wirkung von äusseren Temperaturreizen auf die Sekretionsfähigkeit des Magens. Deut. Arch. klin. Med., 1930, 169: 166-79. — **Brestkin, M. P., & Molchanov, N. S.** [Wirkung der lokalen Wärmeprozessuren auf die sekretorische Funktion des Magens] J. Physiol. USSR, 1934, 17: 253-63. — **Capuani, G. F., & Lupo, M.** Irradiazione del plesso celiaco e secrezione gastrica. Athena, Roma, 1934, 3: 10-5. — **Case, J. T., & Boldyreff, W. N.** Influence of Roentgen rays upon gastric secretion. Am. J. Roentg., 1928, 19: 61-70. — **Dehaugne, F.** Ueber den Einfluss elektrischer und mechanischer Reize auf die Magensaftsekretion. Deut. Arch. klin. Med., 1926, 150: 170-85. — **Destree, P.** Influence de l'hyperthermie sur la sécrétion gastrique. Bull. Soc. sc. méd. natur. Bruxelles, 1934, 17-31. — **Diehl, F.** Die Wirkung der Ultraviolettbestrahlung der Haut auf die Magensaftsekretion. Arch. exp. Path., Lpz., 1931, 159: 367-71. — **Dobrev, M., & Marinov, B.** Ueber die Wirkung des warmen Bades auf die Magensaftsekretion. Zschr. ges. exp. Med., 1932, 83: 603-9. — **Forlato, E., & Karády, S.** Ueber die Wirkung kleiner (erythemunterschwelliger) Röntgenstrahlenmengen auf die Magensaftsekretion des Menschen (ein Beitrag zur Frage der biologischen Allgemeinwirkung der Röntgenstrahlen) Ibid., 1936, 99: 489-93. — **Glückson, E. B.** [Mechanism of action of ultra-violet irradiation of the skin on gastric secretion] Buill. eksp. biol. med., 1939, 7: 335-8. Also Bull. biol. méd. exp. URSS, 1939, 7: 319-22. — Influence of desensibilization of the organism by irradiation of the skin with ultra-violet rays upon the reactivity of the gastric glands. Ibid., 8: 357-9. — **Horton, B. T., & Brown, G. E.** Histamine-like effects on gastric acidity due to cold. Proc. Mayo Clin., 1932, 7: 367-71. — **Ivanov, L. P., & Fandrei, S. A.** [Effect of radiating energy (Sollux lamp) on gastric secretion] Voen. med. J., Moskva, 1933, 4: 212-1. — **Ivy, A. C., Orndoff, B. H.** [et al.] Studies of the effect of X-rays on glandular activity; the effect of X-rays on gastric secretion. Radiology, 1923, 1: 39-46. — **Jordaan, M.** Der Einfluss der Kurzwellentherapie auf die Azidität und Motilität des Magens. Arch. Verdauungskr., 1937, 61: 129-36. — **Kantán, A. V.** [Effect of roentgen and radium irradiation of the region of the neck on the secretory function of the stomach and certain somatic vegetative reflexes] Vest. rentg., 1938, 20: 20-8. — **Karczag,**

L., & Hanák, M. Spektrographische Untersuchungen über die Röntgenstrahleneempfindlichkeit des Magensaftes und einiger wasserlöslichen Vitaminen. *Zschr. klin. Med.*, 1936, 130: 310-2.—Kaufheil, L., & Simó, A. Ueber die Beeinflussung der Acidität des Mageninhales durch Diathermie. *Zschr. ges. phys. Ther.*, 1925-26, 31: 25-31.—Kurzin, I., & Slupsky, N. Die mechanische Reizung als Anreger einer reinen Magensaftabsonderung beim Menschen. *Zschr. ges. exp. Med.*, 1936-37, 100: 558-69.—Lenzi, S., & Barbaro, A. Onde corte e secrezione gastrica; azione di O. C. di 15m. sulla secrezione acida e fermentativa. *Rass. internaz. clin. ter.*, 1939, 20: 191.—Lewin, G. L. Zur Frage über den Einfluss der Moorbehandlung auf den Säuregehalt des Magensaftes. *Arch. Verdauungskr.*, 1929, 45: 59-66.—Löwenstein, W. Ueber die thermische Einwirkung auf die Magensekretion. *Wien. klin. Wschr.*, 1939, 52: 285-8.—Malevanai, J. T. [The effect of ultra-violet radiation of gastric secretion] *Bull. biol. med. exp. URSS*, 1938, 6: 48-50.—Marinello, A. Sulla modificazione delle secrezioni gastrica per effetto di stimolazione sulla cute della regione epigastrica. *Arch. ital. mal. app. diger.*, 1931-32, 1: 184-92, ch.—Neifeld, H. Effects of sinusoidal stimuli on gastric acidity. *Am. J. Phys. Ther.*, 1933, 10: 16.—Olper, L. Può la secrezione gastrica essere influenzata dallo stimolo meccanico? *Arch. Soc. ital. chir.*, 1931, 37: 815-8.—Palmer, W. L., & Templeton, F. E. The effect of radiation therapy on gastric secretion. *Tr. Ass. Am. Physicians*, 1933, 53: 111-4. Also *J. Am. M. Ass.*, 1939, 112: 1429-34.—Papp, G. [Cutaneous stimulus and gastric secretion] *Gyógyászat*, 1933, 73: 522.—Robecchi, A., & Quaglia, F. Il comportamento del chimismo gastrico sotto l'azione di stimoli termici. *Riv. idroclim.*, 1936, 47: 182-92.—Rogachevsky, S. L., & Sosnovik, I. J. [Changes in the secretory function of the stomach from diathermy] *Klin. med.*, Moskva, 1932, 10: 123-6.—Roth, G. M., & Gabrielson, M. A. Variation of the concentration of the acidity of the gastric contents in normal subjects before and following immersion of hand and entire body in water at various temperatures. *Am. J. Physiol.*, 1940, 129: 451.—Snell, A. M., & Bollman, J. L. Gastric secretion following irradiation of the exposed stomach and the upper abdominal viscera by roentgen rays. *Am. J. Digest. Dis.*, 1934-35, 1: 164-8.—Ugenburg, A., & Gurevich, R. G. [Is the acidity of the stomach affected by irradiation of the abdominal cavity?] *Vest. rentg.*, 1933, 12: 38-42.—Van Liere, E. J., Vaughan, P. E., & Northup, D. W. The effect of noise on gastric secretion. *Am. J. Physiol.*, 1940, 129: 484.—Vorobiev, A. M., Krasina, E. M., & Lesnoi, N. G. [Effect of Roentgen rays on gastric secretion] *Bull. eksp. biol. med.*, 1939, 8: 166-9. Also *Bull. biol. med. exp. URSS*, 1939, 8: 181-4.—Yamamoto, T., & Ichiida, K. Effect of Roentgen rays on gastric secretion of dogs after exposure over lower abdomen. *Jap. J. Obst.*, 1928, 11: 205.

Therapeutic use.

Boldyreff, W. N., Lewis, W. B., & Stewart, C. E. Dried natural digestive juices; further experiments. *Tohoku J. Exp. M.*, 1938, 33: 224-9.—Crosetti, L., & Bajardi, G. La reazione reticulocitaria nei ratti da iniezione di succo gastrico. *Arch. ital. mal. app. diger.*, 1936, 5: 296-302.—Margulius, M. Zur Frage der Rattenreticulocyten-Reaktion nach Injektion von Magensaft. *Klin. Wschr.*, 1937, 16: 677.—Fleischhacker, H., & Schlesinger, A. Reticulocytenkrisen nach Injektion von Magensaft. *Mitt. Ges. inn. Med. Wien*, 1934, 33: 180-6. Also *Med. Klin.*, Berl., 1935, 31: 182.—Florey, H. W., Jennings, M. A. [et al.] The reactions of the intestine of the pig to gastric juice. *J. Path. Bact.*, Lond., 1939, 49: 105-23, 3 pl.—Komarov, S. A. The action of the nitrogenous bases of the gastric juice on blood pressure, pancreatic secretion and flow of bile. *Am. J. Physiol.*, 1936, 115: 604-9.—Krestjaninov, N. J., & Nikolskij, D. A. [Effects of the treatment of diseases of the stomach with natural gastric juice] *Cas. lek. česk.*, 1913, 52: 1015-20.—Launois, P. E. Hypopepsie; amaigrissement progressif; insuccès des médications habituelles; guérison par l'usage du suc gastrique animal prolongé pendant 6 mois. *Bull. Soc. méd. hôp. Paris*, 1900, 3. ser., 17: 44-9.—Marchal, H. Traitement de quelques affections de l'estomac chez les paludéens, les tuberculeux et les vieillards par le suc gastrique naturel de chien. *Bull. Acad. méd.*, Par., 1929, 3. ser., 101: 804.—Meunier, L. De l'action du suc gastrique sur la sécrétion gastrique. *Presse méd.*, 1937, 45: 276.—Plaut, G. Reticulocyte response in albino rats after injection of gastric juice. *Lancet*, Lond., 1938, 1: 1272-4.—Rosenthal, J. Application thérapeutique du suc gastrique naturel préparé par la méthode du Prof. Pavlov. *Bull. Méd.*, Par., 1928, 42: 317.—Schlicke, C. P. The effect of normal and abnormal human gastric juice, administered to the mother, on the blood of newborn rats; preliminary report. *Proc. Mayo Clin.*, 1939, 14: 146-9. Also *Am. J. Digest. Dis.*, 1940, 7: 277-80.—Stansey, J., & Higgins, G. M. The effect of normal human gastric juice administered to the mother on the size and volume of the erythrocytes of the fetus. *Proc. Mayo Clin.*, 1937, 12: 490-2. — & Mann, F. C. The effect on the developing red blood cells in the fetus, of administering human and hog gastric juice to the adult rat during pregnancy. *Am. J. M. Sc.*, 1939, 197: 690-8.—Weidlinger, I. [Late reaction of gastric juice following intracutaneous injection] *Orv. hetil.*, 1932, 76: 693-7.—Wunderwald, A. Klinischer Bericht über eine Substitutionstherapie mit Magensaft. *Fortsch. Ther.*, 1936, 12: 415-8.

in animals.

KRINNER, A. *Mageninhaltuntersuchungen an Fischen aus dem Kochel- und Walchensee [München] p.97-116. 8° Stuttg., 1922.

Aoki, K., & Honda, M. Ueber die immunisatorische Spezifität des Magensaftes der Seidenraupen und ihre Beziehung zu den anderen Geweben. *Zbl. Bakt.* 1. Abt., 1922, 88: Orig., 135-40. — Ueber die hämolytische Wirkung des Magensaftes der Seidenraupen. *Ibid.*, 140-3.—Brügemann, J., & Buss, W. Beiträge zur Physiologie der Verdauung beim Wiederkäuer; Notiz über das Vorkommen ätherlöslicher Säuren im Labmagen des Schafes. *Arch. wiss. prakt. Tierh.*, 1937, 72: 353-60.—Dobrev, M. Experimentelle Untersuchungen über die Absonderung und die Eigenschaften des Magensaftes der Haifische (vorläufige Mitteilung) *Biol. Zbl.*, 1926, 46: 565.—Dolgosheev, A. P. [Experimental irritant in clinical examination of the contents of the stomach of the horse] *Sovet. vet.*, 1939, 16: No. 5, 79-81.—Duval, M., & Fischer, P. H. Propriétés physico-chimiques du liquide gastrique d'*Helix pomatia*. *C. rend. Soc. biol.*, 1927, 96: 949-51.—Fooy, J. P. [Functional diagnosis and pathology of gastric secretion in a horse] *Tschr. diergencesk.*, 1937, 64: 554; 630.—Garofeano, M. Ricerche sul chimismo gastrico nei cardiacci asistolici. *Riforma med.*, 1923, 39: 27.—Herwerden, M. A. van, & Ringer, W. E. Over den aard van het zuur van het maagsap van *Scyllium stellare*. *Onderzoek. Physiol. Lab. Utrecht*, 1911, 12: 37-58.—Krzyszewski, F. W., & Buss, W. Beiträge zur Physiologie der Verdauung beim Wiederkäuer; Säure- und Fermentgehalt im Labmagen des Schafes. *Arch. wiss. prakt. Tierh.*, 1935, 69: 321-3.—Lim, R. K. S., Ling, S. M. [et al.] The secreted concentrations of gastric acid and pancreatic base in the dog. *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 321.—Manville, I. A., & Lloyd, R. W. The hydrogen ion concentration of the gastric juice of fetal and newborn white rats. *Am. J. Physiol.*, 1932, 100: 394-401.—Nagl, F. Ueber die Titrations- und Ionenacidität im Mageninhalt des Hundes nach verschiedener Fütterung. *Arch. wiss. prakt. Tierh.*, 1928, 58: 198-203.—Pochon, J. Etude biochimique comparée du contenu de la panse de bœuf et du zellieu au liquide de panse pour la culture de *Plectridium cellulolyticum* (Pochon 1933). *C. rend. Soc. biol.*, 1934, 116: 327-9.—Popov, N. A., & Kudriavtzev, A. A. [Gastric secretion and the properties of pure gastric juice in sheep] *Tr. Inst. eksp. vet. med.*, Moskva, 1930, 6: 8-11.—Sobolev, A. S. [Methods in obtaining and in examination of the contents of the rumen in cattle] *Sovet. vet.*, 1939, 16: No. 6, 54.—Trautmann, A., & Schmitt, J. Ein Beitrag zur Frage des Mageninhales bei Schweinen; Versuche an Schweinen mit Magen fisteln. *Deut. tierärztl. Wschr.*, 1934, 42: 496-8.—Vialli, M. Ricerche sull'intestino del rettili; l'acidità del succo gastrico in *Tropidonotus natrix*. *Boll. Soc. ital. biol. sper.*, 1929, 4: 189-91.—Walter, W. G. Bedingte Magensaftsekretion bei der Ente. *Acta brev. neerl.*, 1939, 9: 56.

GASTRITIS.

See under Stomach.

GASTROCARDIAL syndrome [Roemheld]

See Cardio-diaphragmatic syndrome.

GASTROCNEMIUS.

See also Foot; Leg.

DIEHL, F. H. *Ein Fall von Ruptur des Muskels Gastrocnemius als Sportverletzung. 27p. 8° Halle, 1927.

Beccrens, J. Variations de la chronaxie du gastrocnémien de la grenouille sous l'effet de troubles circulatoires. *Arch. internat. physiol.*, Liège, 1926, 26: 102-12.—Beers, L. B. The acute and chronic effects of exercise on the latent period of the gastrocnemius muscle in man. *Arbeitsphysiologie*, 1934-35, 8: 539-44.—Bellini, G. C. Su di un fascio anormale del bicipite crurale (digastrico crurale) Tommasi, Nap., 1908, 3: 392.—Boer, S. de. Die plurisegmentale Innervation des M. gastrocnemius. *Deut. med. Wschr.*, 1925, 51: 1278. Also *J. Physiol.*, Lond., 1925-26, 60: 215-20.—Bozzolo, C. Di alcune rare anomalie muscolari; varietà del gastrocnemius tertius di Krause o gemello accessorio. *Boll. Soc. med. chir. Modena*, 1921-22, 22: 23: 156; pl.—Cattell, M. The influence of shortening on the heat production of the frog's gastrocnemius. *J. Physiol.*, Lond., 1932, 75: 264-71.—Eggers, G. W. Gastrocnemius substitution. *Bull. John Sealy Hosp.*, Galvest., 1939, 1: 53-5.—Eyster, J. A. E., Maresh, F., & Krasno, M. R. The nature of the action potentials in the frog's gastrocnemius muscle. *Am. J. Physiol.*, 1935, 111: 641-8.—Fontaine, M. De l'influence de la durée et de l'intensité de la compression sur l'imbibition de gastrocnémien de grenouille. *C. rend. Soc. biol.*, 1929, 101: 32.—Frederick, H. La métachronose rétrograde de la préparation sciatico-gastrocnémien du crapaud. *Ibid.*, 1933, 112: 219-21.—Frey, H. Musculus gastrocnemius tertius. *Morph. Jahrb.*, 1919, 50: 517-30.—Goldberg, H., & Eyster, J. A. E. Distribution of electrical charges and the relation between unipolar and differential potential-time curves in the frog's gastrocnemius muscle. *Am. J. Physiol.*, 1940,

129: 363.—Haase, F. Ueber die Registrierung des Aktionsstromes des M. gastrocnemius vom Frosch durch den Oscillographen mit Hilfe eines Verstärker-Arrangements. Beitr. Physiol., 1922-23, 2: 85.—Lapicque, L. Présentation de préparations microscopiques sur les terminaisons nerveuses, dans le gastrocnémien de la grenouille. Ann. physiol., Par. 1934, 10: 856.—Mayer, K. E. Die diagnostische Verwertung der direkten mechanischen Erregbarkeit der Muskeln, insbesondere der Wadenmuskeln, positiven und negatives Gastrocnemiusphänomen. Zschr. ges. Neur. Psychiat., 1930, 127: 701-8.—Morgenstern, Z. [Thrombosis of the gastrocnemius muscles] Arkh. pat. anat., Moskva, 1940, 6: 135.—Natusch. Zerreissung der Musculi gastrocnemii bei einer Hündin. Zschr. Veterinärk., 1922, 34: 256.—Reynolds, E. B. Rupture of the outer head of the gastrocnemius in a yearling colt. Vet. Rec., Lond., 1933, 13: 136.—Samoilov, A. Zur Frage der doppelten Innervation des Froschgastrocnemius, nach Versuchen von I. Lindenbaum und W. Wassiljewa. Arch. ges. Physiol., 1924, 204: 691-707.—Schuster, O. N. Pseudo-shortening of the calf muscle, a definite clinical entity. J. Nat. Ass. Chiropr., 1937, 27: No. 5, 17-9.—Sugiura, K. On the divided innervation of the fibres of the M. gastrocnemius of toads. J. Orient. M., Dairen, 1930, 12: 9.—Sutro, C. J., Pomeranz, M. M., & Simon, S. M. Fabela (sesamoid in the lateral head of the gastrocnemius) Arch. Surg., 1935, 30: 777-82.—Takagi, K. Ueber die Wirkung der Bestandteile des Ultrafiltrates von Krötenblut, beziehungsweise der Aminosäuren, Amine bes. Adrenalin und einiger anderen, auf die Zuckungshöhe des Kröten-gastrocnemius. Fukuoka acta med., 1939, 32: 80.—Tuttle, W. W., & Dalen, D. van. The effect of tension on the latent time of the gastrocnemius muscle. Arbeitsphysiologie, 1935-36, 9: 345-50.—Vallois, H. V. La formation progressive du biceps crural chez les anthropoïdes et chez l'homme. C. rend. Soc. biol., 1920, 83: 383-5.—Williams, G. D., Grim, G. E. [et al.] Calf muscles in American whites and Negroes. Am. J. Phys. Anthropol., 1930-31, 14: 45-58. Also repr.—Winterstein, O. Ueber Wadenmuskelerisse. Münch. med. Wschr., 1935, 82: 983.

GASTROCOCCUS.

See Enterococcus.

GASTRODISCOIDES.

See also Amphistomata; Fascioloidea.

Badanin, N. V. [Finding Gastrodiscoides hominis in the wild boar of Kasakstan] Russ. J. trop. med., 1929, 7: 514-6.—Buckley, J. J. C. Observations on Gastrodiscoides hominis and Fasciolopsis buski in Assam. J. Helminth., S. Albans, 1939, 17: 1-12.—Mitter, S. N. Some entozoa of Indian elephants; and a gastrodiscid (?) from an Indian zebu. J. Comp. Path., Edinb., 1912, 25: 111-5.

GASTRODUODENAL artery.

Starcke, G. [A case of spontaneous rupture of the gastroduodenal artery] Ugeskr. læger, 1923, 85: 963.—Starlinger, F. Aneurysma spurium traumaticum der Art. gastroduodenalis. Zbl. Chir., 1930, 57: 1034-6.—Tallmadge, G. K. On the fixity of the gastroduodenal artery. Anat. Anz., 1939, 88: 161-7.

GASTRODUODENITIS.

See also Duodenum; Gastroenteritis; Stomach.

SCHULDMAN, E. *Contribution à l'étude des antro-pyloro-duodénites non ulcéreuses. 58p. 8° Par., 1935.

Andersen, T. [Gastroduodenitis] Bibl. laeger, 1934, 126: 447-80.—Badykess, S. O., Kudashovich, V. Z., & Einhorn, E. O. [Etiology and pathogenesis of gastritis and pyloroduodenitis] Ter. arkh., 1934, 12: 14-32.—Chauvenet, A., & Broustet, P. Les gastro-pyloro-duodénites et leur traitement chirurgical; à propos de 12 observations. Bordeaux chir., 1931, 2: 16-45.—Delore, X., Jouve, P., & Comte, H. Syndromes douloureux gastriques à horaire tardif sans ulcère; les gastro-duodénites en particulier. Rev. chir., Par., 1928, 66: 5-32.—Doberer, J. Das Krankheitsbild der Gastroduodenitis adhaesiva. Wien. klin. Wschr., 1933, 46: 426-9.—Flekel, I. M. [Gastroduodenitis and its relation to gastric ulcers] Klin. med., Moskva, 1936, 14: 1292-301.—Gutmann, R. A. Les gastrites et les duodénites chroniques hémorragiques. Bull. méd., Par., 1929, 43: 589-93.—Konjetzny, G. E. Gastritis, Duodenitis und Jejunitis in ihrer Bedeutung für den Chirurgen. Beitr. klin. Chir., 1931, 152: 552-69. Also Chirurg, 1932, 4: 402-10. Also Zbl. inn. Med., 1932, 53: 225-47. — Das Krankheitsbild der Gastroduodenitis. Med. Klin., Berl., 1936, 32: 473-5. Also Gazz. osp., 1936, 57: 447.—Molhan, M. Neue klinische Beiträge zu dem pathogenetischen und therapeutischen Studium der erosiven, sogenannten ulcerösen Gastroduodenitis. Med. Welt, 1935, 9: 1099-104.—Ramond, F., & Jacquelin, C. Gastrites et duodénites. Gaz. méd. France, 1935, 42: gastr. No. 12, 4-7.—Salvati, A. T. Puntos de vista de operabilidad y pre-operatorio de las gastroduodenitis ulcerógenas. Dña méd., B. Air., 1935, 7: 1595-7.

GASTRODUODENOSTOMY.

See also Gastrectomy, Methods; Gastroenterostomy.

Goyer, R. L. *Technique de gastrectomie pour ulcère avec anastomose bout à bout gastroduodénale. 88p. 8° Par., 1937.

GREVE, G. *Die Gastro-Duodenostomie als Verfahren zur chirurgischen Behandlung des Magengeschwürs [Göttingen] 20p. 21cm. Duderstadt, 1937.

Cato, E. T. Spontaneous gastro-duodenostomy. J. Coll. Surgeons Australasia, 1929-30, 2: 414-6.—Chiasseroni, A. Ulcera peptica postoperatoria sulla seconda porzione del duodeno dopo gastro-duodenostomia sottopapillare. Bull. Acad. med. Roma, 1933, 59: 253-5.—Clairmont, P. Die laterale Gastroduodenostomie. Deut. Zschr. Chir., 1930, 225: 112-20.—Copello, O. La gastroduodenostomia laterale; sus inconvenientes. Bol. Soc. cir. B. Aires, 1931, 15: 1139-43.—Down, H. I. Reconstruction of gastro-intestinal continuity by the Billroth I operation for jejunal ulcer following partial gastrectomy. Proc. Mayo Clin., 1931, 6: 205-8.—Eichelter, G. Spontanperforation des paralytisch erweiterten Duodenalschenkels 4 Jahre nach subtotaler Magenresektion wegen Ulcus (primäres Karzinom an der Anastomosenstelle). Deut. Zschr. Chir., 1930, 222: 106-14.—Finney, J. M. T., jr. Pyloroplasty and gastroduodenostomy. Surgery, 1937, 2: 738-58.—Flint, E. R. Gastro-duodenostomy; further experiences. Lancet, Lond., 1927, 1: 12.—Fruchaud, H., & Thalheimer, M. Technique de gastrectomie avec suture bout à bout gastroduodénale. Rev. chir., Par., 1937, 56: 45-69.—Gaudier, H. Gastro-duodénostomie oblique dans le traitement des ulcères du duodénum et de l'estomac et du cancer du pylore. Echo méd. nord, 1930, 34: 445.—Haberer, H. von. Die Beendigung der grossen Magendualresektion mit der terminolateralen Gastroduodenostomie. Schweiz. med. Wschr., 1935, 65: 36-9.—Hilarowicz, H. Zur Magenresektion nach Haberer (termino-laterale Gastro-Duodenoanastomose). Zbl. Chir., 1930, 57: 343-9.—Hughson, W. Modification of present methods of gastroduodenostomy. J. Am. M. Ass., 1926, 86: 1275. Also Pol. med., Rio, 1926, 7: 138.—Just, E. Zur Frage der Gastroduodenostomia lateralis. Deut. Zschr. Chir., 1931, 230: 399-403.—Labey, L. La pylorotomie suivie d'anastomose termino-terminale de l'estomac avec le duodénum ou gastroduodénorrhaphie. Bull. Soc. chir. Paris, 1918, 44: 908.—Leriche, R. Sur un nouveau type d'anastomose gastro-duodénale après gastrectomie dans le cas de mésocolon court. Lyon chir., 1927, 24: 44.—Lissberg, E. K. Gastro-Duodenostomia latero-terminalis anterior. Zbl. Chir., 1931, 58: 259.—Luquet, G. Technique de l'anastomose gastro-duodénale par le procédé de Péan. Paris chir., 1930, 22: 50-64.—Pototschnig, G. Gastro-Duodenostomia latero-terminalis anterior bei der Resektionsmethode nach Billroth I. Zbl. Chir., 1930, 57: 2717-9. Also Arch. ital. chir., 1931, 28: 89-100.—Rienhoff, W. F., jr. Infra-papillary gastroduodenostomy by mobilization with retromesenteric displacement of the duodenum and jejunum. Ann. Surg., 1932, 95: 183-97.—Soresi, A. L. Oblique gastroduodenostomy in the treatment of ulcers of duodenum and stomach and cancer of pylorus. Surg. Gyn. Obst., 1925, 41: 509-11.—Starlinger, F. Versuche zur Säureresistenz und Geschwürsbereitschaft des infrapapillären Duodenums, sowie zum Ausbau der terminolateralen Gastroduodenostomie im Rahmen der ersten Methode Billroths. Arch. klin. Chir., Berl., 1927-28, 149: 593-620.—Strode, J. E. Gastroduodenostomy; report of case with indications. Proc. Clin. Honolulu, 1935, 1: No. 10, 1-11.—Winkelbauer, A. Infrapapilläre Anastomose bei der Resektion nach Billroth I. Zbl. Chir., 1927, 54: 2946-51.

GASTRODYNIA.

See Gastralgia.

GASTROENTERITIS.

See also Diarrhea; Dysentery; Enteritis; Gastrointestinal tract, Disease; Salmonella.

KÄHLER, J. *Zur Symptomatik entzündlicher und geschwürriger Magen-Darmerkrankungen (Erhebungen über Blutbild, Blutungs- und Gerinnungszeit, Blutkörperchensenkung, Blutdruck, Säurewerte und Urinbefunde an 296 Fällen) [Breslau] 61p. 8°. Liebau, 1935.

Aggeu Magalhães. Da chamada gastro-enterite das crianças. An. Fac. med. Recife, 1934, 1: 7-15, 4 pl.—Angyán, J. [Gastroenteritis acuta] Orvosképzés, 1939, 29: 715-21.—Baumgärtel, T. Ueber die Dyspepsie als Symptom der Gastroenteritis. Hippokrat., Stuttg., 1939, 10: 457-63.—Boardman, W. W. Acute infectious gastro-enteritis. Am. J. M. Sc., 1938, 196: 833-40.—Daley, W. A. Gastroenteritis in infants; from a film demonstration by H. Stanley Banks. Nurs. Times, Lond., 1940, 36: 582-4.—Eastmond, C. Gastro-intestinal infection; its Roentgen manifestations. Brit. J. Radiol., 1926, 31: B. A. R. P. Sect., 93-8, 6 pl.—Figueira, F. Noções relativas a in-

fecção gastro-intestinal das crianças. *Rev. brasil med.*, 1926, 2: 77-84.—**Maitland-Jones, A. G.** Quelques remarques à propos de la gastro-entérite non spécifique du nourrisson. *Bull. Off. internat. hyg. pub.*, Par., 1939, 31: 473-7.—**Mouriquand, G.** Les gastro-entérites de l'enfance. *Lyon méd.*, 1928, 141: 665; 693.—**Rivers, A. B.** A clinical study of duodenitis, gastritis and gastrojejunitis. *Ann. Int. M.*, 1930-31, 4: 1265-81.—**Robinson, J.** Gastro-enteritis. *Irish J. M. Sc.*, 1940, 6. ser., No. 169, 26-31.—**Roi, G.** Contributo allo studio clinico-terapeutico delle forme gastro-enteriche infantili. *Prat. pediat.*, Milano, 1939, 17: 73-83.

chronic.

Cienfuegos, B. E., & Schwarzenberg, J. La infección gastro-intestinal crónica recidivante. 23p. 8°. Santiago, 1925.

Bodart, F., & Klima, R. Ueber einige Begleitsymptome der chronischen Gastroenteritis. *Wien. Arch. inn. Med.*, 1939, 33: 178-96.—**Eastmond, C.** Chronic infection of the gastrointestinal tract; its Roentgen manifestations. *Am. J. Roentg.*, 1925, n. ser., 13: 541-4.—**Mock, H. E.** Infective granuloma: non-specific chronic tumor-like productive inflammations of the gastro-intestinal tract. *Surg. Gyn. Obst.*, 1931, 52: 672-89.—**Schneider, E.** Störungen im Chemsismus des Skelettmuskels bei chronischer Gastro-Enteritis. *Zbl. inn. Med.*, 1939, 60: 641; 657.—**Vishnevskaja, T. R.** [Effect of chronic infection on the digestive action of the gastro-intestinal tract in young children] *Pediatría, Moskva*, 1939, No. 5, 17-22.

Epidemiology.

Aggeev, P. K. [Sanitary control of water-supply as the principal means of prevention of gastro-intestinal affections] *Feldsher, Moskva*, 1938, No. 6, 17-21.—**Gray, A. L., & Dedwyler, R. D.** A water-borne outbreak of gastro-enteritis due to a cross connection. *Mississippi Doctor*, 1938-39, 16: No. 10, 32-6.—**Grünfelder, B.** Ueber infektiöse Magendarmkrankheiten des Kindesalters in Palestina. Harefuah, Jerusalem, 1932, 6: p. i-iv. Also *J. Egypt. M. Ass.*, 1931, 14: 585-95.—**Haine, J. E.** A note on an outbreak of gastro-enteritis at Haslemere, Surrey. *Practitioner*, Lond., 1938, 141: 789-93.—**Jones, H. M. R.** Lobsters and gastro-enteritis. *Med. J. Australia*, 1940, 1: 597.—**Kochler, J. P.** Milwaukee's well advertised gastrointestinal epidemic. *Am. J. Pub. Health*, 1936, 26: 921-3.—**Minor, L. W.** An outbreak of gastro-enteritis in Middletown in 1938. *J. Connecticut M. Soc.*, 1939, 3: 615.—**Rimpau, W.** Epidemien von Brechruhr und gastroenterischen Erkrankungen unbekannter Aetiologie. *Arch. Hyg.*, Münch., 1935-36, 115: 272-90.—**Rosenberg, D. E.** [Hygiene of the soil and control of gastro-intestinal infections] *Soviet. med.*, 1938, No. 24, 37.—**Stewart, H. C., & Litterer, W.** An outbreak of gastro-enteritis; milk-borne epidemic at Dyersburg, Tenn., caused by *Salmonella* supestifer. *J. Am. M. Ass.*, 1927, 89: 1584-7.—**Szilágyi, P.** Monthly and geographical distribution of dysentery and typhoid fever morbidity in the counties of Hungary during the last 10 years (1921-30). *Orsz. Közegész. Int. közl.*, 1932, 5: No. 3, 1-4.—**Unusual (An) outbreak of gastro-enteritis.** *J. Iowa M. Soc.*, 1934, 24: 492.—**Vergara, J. J., & Cruz, F. Z.** Gastroenteritis among clients of the community health-social centers in Manila: preliminary report. *Month. Bull. Bur. Health, Manila*, 1938, 18: 635-42.—**Von Canon, O. L.** Epidemic gastro-intestinal intoxication. *Arch. Pediat.*, N. Y., 1937, 54: 360-4.—**Water supplies involved in gastro-intestinal epidemics.** *Annual Rep. Div. Lab. N. York State Dep. Health*, 1937, 58.—**Yas, H. Y., Yuan, I. C., & Huie, D.** The relation of flies, beverages and well water to gastro-intestinal diseases in Peking. *Nat. M. J. China*, 1929, 15: 410-8.

Etiology.

Nowak, W. *Welche Beziehungen bestehen zwischen dem Gebiss und den katarrhalischen Erkrankungen des Magens und Darmes? 27p. 23cm. Halle, 1938.

Andersen, A. F. R. Focal infections in chronic gastro-intestinal infection. *Tr. Am. Gastroenter. Ass.* (1924) 1925, 27: 72-83.—**Baranski, R., & Bogdanowicz, J.** Les gastro-entérites non spécifiques du nourrisson. *Bull. Off. internat. hyg. pub.*, Par., 1939, 31: 1414-23.—**Duffy, F. M.** Fusospirochaetal infection of the gastrointestinal tract. *J. Oklahoma M. Ass.*, 1931, 24: 380-4.—**Gulbrandsen, L.** Invasion of the body tissues by orally ingested bacteria and the defensive mechanism of the gastro-intestinal tract. *Proc. Inst. M. Chicago*, 1934-35, 10: 250-69. Also *Am. J. Hyg.*, 1935, 22: 257-73.—**Gutzeit, K.** Zur Genese entzündlicher und geschwürriger Magen-Darmkrankheiten und zur Rückwirkung dieser Erkrankungen auf den Gesamtorganismus. *Med. Klin.*, Berl., 1935, 31: 1453; 1487.—**Keefer, C. S.** Bacterial infections of the gastrointestinal tract. *N. England J. M.*, 1940, 222: 105-9.—**Ramond, F., Popovici, D., & Phocas, E.** Gastrite et entérocolites par élimination microbienne. *C. rend. Soc. biol.*, 1931, 107: 1256.—**Ribadeau-Dumas.** Les gastro-entérites non spécifiques du nourrisson. *Bull. Off. internat. hyg. pub.*, Par., 1939, 31: 1408-13.—**Valls Conforto, A.** Bacteriología de las afecciones gastro-intestinales en Barcelona en 1934. *Rev. méd. Barcelona*, 1935, 23: 341-6.

Pathology.

Haig, D. M. *Contribution à l'étude de la linite gastro-intestinale. 36p. 8°. Par., 1925.

Müller, J. *Die Durchlässigkeit des Magen-Darmkanals für artfremdes Eiweiss bei Gastroenteritiden und dessen Nachweis mit Hilfe der Praussnitz-Küstnerschen Reaktion. 27p. 8°. Bresl., 1938.

Kirk, E. [Acidosis with acute gastroenteritis in children] *Ugeskr. laeger*, 1939, 101: 1291-3.—**Mahlo & Mulli.** Ueber einen Zusammenhang zwischen gestörter Vitamin-C-Resorption und pathologischer Pigmentierung bei Gastroenteritis und Achylia gastrica. *Münch. med. Wschr.*, 1936, 83: 1276.—**Ralphs, F. G.** On chronic inflammatory tumours of the gastro-intestinal tract. *Brit. J. Surg.*, 1937-38, 25: 524-9.—**Schroeder, H., & Einhauser, M.** Ueber einen Zusammenhang zwischen gestörter Vitamin-C-Resorption und pathologischer Pigmentierung bei Gastroenteritis und Achylia gastrica. *Münch. med. Wschr.*, 1936, 83: 923-5.

suppurative and phlegmonous.

Hellwig, K. *Ueber die Phlegmone in der Wand des Magen- und Darmkanals. 23p. 8°. Frankf. a. M., 1927.

Reusch, H. *Ueber phlegmonöse Prozesse des Magen-Darmkanals und ihre Folgen [Berlin] 23p. 23cm. Charlottenb., 1938.

Bircher, E. Ueber putride Infektion des Magens und des oberen Dünndarms. *Deut. Zschr. Chir.*, 1924, 186: 409-21.—**Kobetz-Almazova, O. E.** [Phlegmonous inflammation of the gastro-intestinal tract] *Vrach. gaz.*, 1931, 35: 1263-5.—**Krichevsky, S.** [Pathologic anatomy of primary phlegmon of the gastro-intestinal tract] *Ukrain med. arkh.*, 1927, 1: 78-127.—**Privess, M. G.** [Phlegmonous gastro-intestinal inflammation] *Vest. khir.*, 1928, 14: 39-55.—**Szabó, K.** Einiges über Magen- und Darmphlegmonen, mit Rücksicht auf zwei Dickdarmphlegmonenfälle. *Zbl. Chir.*, 1934, 61: 947-52.—**Wail, S. S.** [The so-called secondary suppurative affections of the stomach and intestinal tract] *Vest. khir.*, 1932, 27: 3-13.

Treatment.

Bontz, R. Die parenterale Reizkörpertherapie bei Magen- und Darmentzündungen. *Berl. tierärztl. Wschr.*, 1928, 44: 449-52.—**Borges Vargas, S.** Suero hipertónico en las gastroenteritis muy graves. *Rev. méd. Yucatán*, 1938-40, 20: 166-9.—**Choksy, N. H.** The treatment of tropical gastro-intestinal infections. *Tr. Far East. Ass. Trop. M.* (1927) 1928, 7. Congr., 2: 275-7.—**Cruz, F. Z.** Local observation on the use of fresh apple in gastroenteritis. *J. Philippine Islands M. Ass.*, 1939, 19: 611-4.—**Csáki, L.** Zur Pathologie und Therapie der entzündlichen Erkrankungen des Magens und der oberen Dünndarmabschnitte. *Arch. Verdauungskr.*, 1932, 52: 97 [Bemerkungen von B. Thom] 98.—**Foresi, U.** Sulla cura di alcuni casi di gastro-enterite. *Prat. pediat.*, Milano, 1939, 17: 315-7.—**Garcia, J. S.** The maintenance of fluid balance in infants and children; with special reference to gastro-intestinal infections. *J. Philippine Islands M. Ass.*, 1939, 19: 89-95.—**Grenet, H., Isaac-Georges, P., & Wimphen, A.** La diète absolue dans le traitement de la gastroentérite du nourrisson. *Bull. Soc. pédiat. Paris*, 1939, 37: 253-7.—**Guillemot, L., & Jérôme, C.** Emploi de laits fermentés par le streptocoque lactique ou par le bacillus acidophilus dans le traitement des gastro-entérites infantiles. *Ibid.*, 414-9.—**Hauke, G.** Zur Therapie entzündlicher Magendarmkrankungen. *Med. Welt*, 1938, 12: 1635-7.—**Januschke, H.** Die Rolle von Reizkörpern (Omnadin, Stormin) bei der Prophylaxe der septischen Gastroenteritis toxica im Säuglingsalter. *Fortsch. Ther.*, 1939, 15: 100-4.—**Laureati, F.** L'impiego dei tiosolati nelle flogosi gastro-enteriche della pratica pediatrica. *Prat. pediat.*, Milano, 1939, 17: 235-44.—**Montanari, E., & Abba, G. C.** Rilievi clinico-statistici sui gastroenterici ricoverati nel quinquennio 1934-38. *Pediat. med. prat.*, Tor., 1939, 14: 193-216.—**Nonnenbruch, W., Mahler, P., & Weiser, J.** Experimenteller Beitrag zur Calciumtherapie der entzündlichen Magen-Darm-Erkrankungen. *Med. Klin.*, Berl., 1933, 29: 499.—**Robinson, P.** Potassium in acute gastroenteritis. *Ann. paediat.*, Basel, 1939, 153: 157-65.—**Rothschild, H. de.** Le traitement spécifique des infections gastro-intestinales des enfants du premier âge. *Bull. Acad. méd.*, Par., 1931, 3. ser., 105: 205-8.—**Schmidt, K. H.** Die Therapie der chronischen Darminfekte einschliesslich Ruhr und infektiöser Gastroenteritis. *Med. Klin.*, Berl., 1938, 34: 1070-2.—**Schreiber, G.** Traitement diététique des gastro-entérites infantiles. *J. méd. chir.*, Par., 1933, 104: 592-9.—**Sternberg, G.** [Treatment of gastro-intestinal infections with ammoniumamylgdalate] *Nord. med.*, 1939, 4: 3210-4.—**Thom, B.** Zur Pathologie und Therapie der entzündlichen Erkrankungen des Magens und der oberen Dünndarmabschnitte. *Arch. Verdauungskr.*, 1932, 51: 21-55.

in animals.

See also under names of animals as Cat, Diseases: Enteritis.

Roy, Y. L. E. *Des gastro-entérites du chien; contribution à leur étude clinique [Alfort] 69p. 8° Par., 1926.

Baker, D. W. Parasitic gastro-enteritis of calves. Cornell Vet., 1937, 27: 381-94.—Ducourneau. Gastro-entérite dysentérique ou hémorragique du chien. Bull. Soc. centr. méd. vét., Par., 1899, 53: 316-21.—Goss, L. J. Acute hemorrhagic gastro-enteritis in a giant panda. Zoologica, N. Y., 1940, 25: 261.—Grieder, H. Gastroenteritiden und Darmverlagerungen bei Pelztieren in Gefangenschaft. Schweiz. Arch. Tierh., 1937, 79: 570-4.—Haigler, S. W. Gastro-intestinal infections of the dog. North Am. Vet., 1936, 27: 52-8.—Kaufman, I. Susceptibility of rodents to gastro-intestinal infections. Proc. Soc. Exp. Biol., N. Y., 1931, 39: 21-3.—Kennedy, A. J. Gastro-enteritis: a common cause of death in cattle. Vet. Rec., Lond., 1933, 13: 1337.—Kübacher, H. Unspezifische Reizkörpertherapie bei Gastroenteritis des Hundes. Wien. tierärztl. Mschr., 1930, 17: 143-8.—McEwen, A. D. The control of parasitic gastritis and enteritis in sheep by treatment with copper sulphate and nicotine sulphate. J. Comp. Path., Lond., 1935, 48: 218-31.—Nye, E. L. Infectious-hemorrhagic gastro-enteritis or typhus of dogs. Vet. Bull., Wash., 1924, 14: Suppl., 57-60.—Panisset, L. & Verge, J. Présence de spirochètes chez les chiens atteints de gastro-entérite hémorragique. C. rend. Acad. sc., 1925, 180: 1296.—Shukevich, I. Romanovich, M., & Uranov, A. [Gastro-enteritis in herd cattle] Eksp. vet., Moskva, 1926, 3: 109-19.

GASTRO-ENTERO-ANASTOMOSIS.

See Gastroenterostomy.

GASTROENTEROLOGIA, Basel, v.64, Fasc. 1, 1939—

Continuation of Archiv für Verdauungskrankheiten.

GASTROENTEROLOGY.

Alvarez, W. C. Problems of present-day gastroenterology. Am. J. M. Sc., 1931, 182: 441-54. — Insanity equivalents and the gastro-enterologist. Tr. Am. Gastroenter. Ass., 1933, 36. ann. meet., 175-86. Also Collect. Papers Mayo Clin., 1934, 26: 257-68. — Ways of improving gastroenterology. Rev. Gastroenter., 1937, 4: 160-6.—Babey, A. M. Aphorisms and memorabilia; concerning the gastro-intestinal tract. Brooklyn Hosp. J., 1940, 2: 110-9.—Bartle, H. J. What the practitioner can and cannot do in gastro-enterology. Med. J. & Rec., 1930, 132: 539; 584.—Brown, R. C. President's address. Tr. Am. Gastroenter. Ass., 1938, 41. meet., 1.—Cannon, W. B. Some unsolved problems in gastro-enterology. Rev. Soc. argent. biol., 1934, 10: Suppl., 204-24.—Dennis, W. S. Some gastro-intestinal problems. Colorado M., 1926, 23: 302-6.—Eberhard, H. M. Gastroenterology. In Pract. Lect. (M. Soc. Co. Kings) 1924-26, 2. ser., N. Y., 1927, 2: 132-45.—Gaither, E. H. Gastrointestinal problems of vital significance. N. Orleans M. & S. J., 1933, 86: 77-84.—Golob, M. Signposts in gastroenterology: a pleomorphic specialty. Collect. Papers N. York Homeop. M. Coll., 1935, 1: 33-44. Also Med. Rev. of Rev., 1936, 42: 13-26. — Errors in gastro-enterologic diagnosis. Am. J. Digest. Dis., 1937-38, 4: 512-6.—Johnson, T. Diagnostic traps in gastro-enterology. J. M. Ass. Georgia, 1938, 27: 304-8.—Jones, C. R. Introductory remarks by the president, Dr Clement R. Jones. Tr. Am. Gastroenter. Ass., 1932, 34. meet., 1.—Kantor, J. L. President's address. Ibid., 1937, 40. meet., 1-3.—Kantor, J. L. Some erroneous concepts encountered in the practice of gastroenterology. Med. Ann. District of Columbia, 1938, 7: 107-13.—Lord, L. W. The relation between gastro-enterology and dermatology. Urol. Cut. Rev., 1933, 37: 317-20.—Lyon, B. B. V. President's address. Tr. Am. Gastroenter. Ass., 1935, 38. meet., 1-4.—M., F. La gastro-enterología y sus relaciones con la medicina interna; verdadero concepto de la especialidad. Vida nueva, Habana, 1937, 38: 131-7.—Meyer, A. The psychiatric aspects of gastroenterology. Am. J. Surg., 1932, n. ser., 15: 504-9.—Poyntz, L. K. The study of the gastro-intestinal tract. Med. Sentinel, 1925, 33: 126; 180.—Shattuck, H. F. President's address. Tr. Am. Gastroenter. Ass., 1936, 39. meet., 1.—Siffert de Paula e Silva, G. Introdução ao estudo da gastro-enterologia. Hospital, Rio, 1939, 16: 257-65.—Smithies, F. The need for standards in investigative and therapeutic work in gastroenterology. Tr. Am. Gastroenter. Ass. (1930) 1931, 33. meet., 1-6.—Tyrrell-Gray, H. Principles and practice. West London M. J., 1933, 38: 201-26.

— Congresses, institutes, and societies.

AMERICAN GASTRO-ENTEROLOGICAL ASSOCIATION. Thirty-fourth annual meeting, held at Atlantic City, N. J., May 4 and 5, 1931. [v. p.] 4°. N. Y., 1932.

[INTERNATIONAL] CONGRÈS INTERNATIONAL DE GASTRO-ENTÉROLOGIE. FIRST, BRUXELLES, 1935. Procès-verbaux, rapports et discussions. 1216p. 8°. Brux., 1935.

Escudero, P. Instituto Municipal de Enfermedades de la Nutrición (Hospital Rawson) quinto informe anual. Sem.

méd., B. Air., 1934, 41: 218-27.—Girault, A. Deuxième Congrès international de gastro-entérologie. Gaz. hôp., 1937, 110: 1472-6.—Hemmeter, J. C. History of 30 years activity of the American gastro-enterological association. Tr. Am. Gastroenter. Ass. (1927) 1928, 30. meet., 5-7.—International gastro-enterologic congress during the Paris exposition. J. Am. M. Ass., 1936, 107: 1314.—List of officers and members for years 1934-38. Tr. Am. Gastroenter. Ass., 1934, 37. meet., p. iii-vi; passim.—Luis y Yagüe, R. Información del primer congreso internacional de gastroenterología. Siglo méd., 1935, 96: 555; 578.—Manning, G. R. A message from the President of the Society for the Advancement of Gastroenterology. Rev. Gastroenter., 1934, 1: 9.—Martini, T. Conferencia inaugural; Catedra de patología y Clin. de las enfermedades del aparato digestivo, Facultad de ciencias médicas de Buenos Aires. Sem. méd., B. Air., 1940, 47: 1357-64.—Membership list; American gastro-enterological association 1939. Am. J. Digest. Dis., 1939-40, 6: No. 8, p. x-xii.—Mousseau, J. A. A propos du premier Congrès international de gastro-entérologie à Bruxelles; août 1935. Union méd. Canada, 1935, 64: 1433-7.—Premier Congrès international de gastro-entérologie. Paris méd., 1935, 98: 247. Also Presse méd., 1935, 43: 1491-8. Also Gaz. hôp., 1935, 108: 1219-21. Also Gaz. méd. France, 1935, 42: gastr., No. 13, 13-6.—Proceedings of the Gastroenterological association of Japan; seventh general conference; held at Kioto, April 4-5, 1933. Jap. J. Gastroenter., 1933, 5: 132-55.—Reunion of [Italian] gastro-enterologists, Rome. J. Am. M. Ass., 1936, 106: 2019.—Stincer, E. Primer congreso internacional de gastroenterología de Bruselas. San. & benef., Habana, 1936, 39: 142-50.—T. R. M. Premier Congrès international de gastro-entérologie, Bruxelles août 1935. Praxis, Bern, 1935, 24: 479; 491. — Société suisse de gastro-entérologie. Ibid., 1939, 28: 327-30.—Terzo Congresso internazionale di gastro-enterologia, Parigi, 13-15 settembre 1937. Arch. ital. mal. app. diger., 1938, 7: 323-6.—Upham, R. Mexican chapter of the National Society for the Advancement of Gastroenterology. Rev. Gastroenter., 1936, 3: 200-2.—West, R. M. The American hospital for Diseases of the Stomach, Philadelphia. In her Hist. Nurs. Pennsylvania, 1939, 230-2. — National Stomach Hospital, Philadelphia. Ibid., 534.

History.

Alvarez, W. C. Trends in gastro-enterology to-day. Practitioner, Lond., 1940, 144: 213-21.—Arnett, J. H. Diseases of the gastrointestinal tract then and now. M. & S. Rep. Episc. Hosp., Phila., 1930, 6: 108-10.—Austin, A. E. Progress in gastro-enterology, 1924. Boston M. & S. J., 1925, 192: 752-6. — Progress of gastroenterology in 1933. N. England J. M., 1934, 210: 588-93.—Barillas, P. A. La gastroenterología en 1935; con referencia a un viaje reciente. Rev. méd. cubana, 1935, 46: 1319-29.—Bassler, A. The history of gastroenterology. Rev. Gastroenter., 1934, 1: 19-23. Also repr.—Bettmann, H. W. The evolution of gastroenterology. Med. Rec., N. Y., 1907, 72: 169-73.—Cawadias, A. P. Gastro-enterology and metabolism; a historical survey. Proc. R. Soc. M., Lond., 1933, 26: Sect. hist. M., 1291-8.—Chace, A. F. The future of gastro-enterology. Tr. Am. Gastroenter. Ass. (1925) 1926, 28: 1-5.—Cheney, G. Gastro-enterology in 1934-36. Arch. Int. M., 1935, 56: 797; 1936, 58: 728; 1937, 60: 705.—Destrée, P. L'évolution de la gastroentérologie au cours de ces dernières années. Bruxelles méd., 1934-35, 15: 956-65.—Eberhard, H. M. A discussion of some of the great advances in gastro-enterology. J. M. Soc. N. Jersey, 1938, 35: 541-7.—Einhorn, M. Historical sketch of the development of gastroenterology. Med. J. & Rec., 1933, 137: 487-9. — The history of gastro-enterology. Hahneman. Month., 1939, 74: 401-14.—Emery, E. S., Jr. Progress in gastro-enterology for 1934-37. N. England J. M., 1935, 212: 680; 729; 764; 1936, 215: 712; 1938, 219: 42.—Eusterman, G. B. Progress in the diagnosis and treatment of gastro-enterologic diseases. Tr. Ass. Physicians Mayo Clin. (1925) 1926, 6: 313-8.—Földes, E. Recent advances in gastroenterology. Med. Rec., N. Y., 1937, 145: 155-8.—Friedenwald, J., & Morrison, S. The importance of Beaumont's contribution to gastro-enterology. Bull. School M. Univ. Maryland, 1934, 18: 135-41.—Gaither, E. H. Recent advances in gastroenterology. J. Am. M. Ass., 1936, 107: 549-52.—Garrison, F. H. History of gastro-enterology; with special reference to American developments. Am. J. Digest. Dis., 1934-35, 1: 893-8. Also repr. Also Bull. N. York Acad. M., 1934, 2. ser., 10: 629-42.—Hemmeter, J. C. Circumspection; retrospection; propection. Tr. Am. Gastroenter. Ass. (1927) 1928, 30: 20-4.—Hurst, A. The time has come. Lancet, Lond., 1937, 2: 949-55.—Jones, C. M. Gastroenterology; a review of the literature from July 1938 to July 1939. Arch. Int. M., 1939, 64: 834-87. — Report on medical progress; gastroenterology (in 1938-39). N. England J. M., 1939, 220: 339; 1940, 222: 634. — Umy, T. V. [et al.] Gastroenterology; a review of the literature from January 1937 to June 1938. Arch. Int. M., 1938, 62: 652-718.—Justman, L. [Polish medical literature on gastrology from 1933-36] Warsz. czas. lek., 1937, 14: 505-14.—Kraft, A. Erfahrungen aus einer 30jährigen Praxis als Facharzt für Magen-Darmkrankheiten und Röntgenologie. Hippokrates, Stuttgart, 1939, 10: 464; 489; 518.—Luis y Yagüe, R. de. Vistazo sobre algunas novedades en gastro-enterología. Siglo méd., 1935, 96: 710; 1936, 97: 81.—Ma-Rossell, J. Die wissenschaftliche Bewegung in Spanien während der letzten Jahre. Arch. Verdauungskr., 1926, 38: 98-108.—Monat, H. A. Gastro-enterology; a review of peptic ulcer, diet and constipation. U. S. Nav. M. Bull., 1940, 38:

40-7.—Myers, S. G. Historical sketch of gastro-enterology diagnosis and therapy. *Grace Hosp. Bull.*, Det., 1926-27, 11: No. 3, 7-12.—Norpoth, L. Ueber einige neuere Arbeiten zur Physiologie und Pathologie von Magen und Darm. *Med. Klin.*, Berl., 1937, 33: 874-8.—Rachet, J. La gastro-entérologie en 1929. *Rev. méd.*, Par., 1930, 47: 763-815.—Rea, C. E. Review of recent practices in the field of gastro-enterology at the University of Minnesota hospitals. *Am. J. Digest. Dis.*, 1938-39, 5: 377-81.—Riesman, D. Address on the history of gastro-enterology, 1897 to 1927. *Tr. Am. Gastroenter. Ass.*, (1927) 1928, 30: 25-33. Also *Med. Life*, 1927, 34: 630-8.—Snell, A. M. Recent advances in gastro-enterology. *Week. Bull. S. Louis M. Soc.*, 1939-40, 34: 394-6.—Wilbur, D. L. The history of diseases of the stomach and duodenum with reference also to their etiology. In *Stomach & duodenum* (Eusterman, G. B. [et al.] Phila., 1936, 1-21).

— Instruction.

Andresen, A. F. R. The undergraduate teaching of gastro-enterology in American medical schools. *J. Am. M. Ass.*, 1934, 103: 537-41.—Bockus, H. L. The training of the gastro-enterologic internist. *Ibid.*, 1938, 111: 1145-8.—Lucas, C. G. Present status of gastro-enterology in the medical schools. *Tr. Am. Gastroenter. Ass.*, (1926) 1927, 29: 6-11.—Milanés Alvarez, F. Impresiones sobre gastro-entología obtenidas durante mi estancia en distintas escuelas europeas. *Vida nueva, Habana*, 1934, 34: 231-44.—Simon, S. K. Teaching of gastro-enterology in our medical schools. *J. Am. M. Ass.*, 1926, 87: 73-5.—Smithies, F. Shall we have stomach specialists or internists certified as gastro-enterologists by a qualified national board? *Am. J. Digest. Dis.*, 1934-35, 1: 646-9.

— Manuals.

ARAFA, M. A. Modern aspects of gastro-enterology. 374p. 8°. Lond., 1933.

ARTEAGA PEREIRA, A. Prevención y cura práctica de las enfermedades del estómago y del intestino. 328p. 12°. Barcel., 1932.

BENSAUDE, R., CAIN A., LELONG, M. [et al.] Maladies de l'intestin. Vol. 2: Diverticules, mégacolon, dysenterie, colites infantiles, diagnostic de l'appendicite chronique, tuberculose, cancer, traitement bismuthé dans les affections gastro-intestinales. 494p. 8°. Par., 1932.

BENSAUDE, R., RIVET, L., & CAIN, A. Maladies de l'intestin. Vol. 1: Exploration, constipation, diarrhée, syphilis gastro-intestinale, traitement hydrominéral. 344p. 8°. Par., 1931.

CHENEY, W. F. The diagnosis and treatment of diseases of the stomach and intestines. 280p. 8°. N. Y., [1928]

EUSTERMAN, G. B., & BALFOUR, D. C. The stomach and duodenum. 958p. 8°. Phila., 1936.

FABER, K. Die Krankheiten des Magens und Darmes; aus dem dänischen übersetzt von H. Scholz. 284p. 8°. Berl., 1924.

FRIEDENWALD, J., MORRISON, T. H., & MORRISON, S. Clinics on secondary gastro-intestinal disorders. 251p. 23½cm. Balt., 1938.

PEZOLD, F. Die Magen- und Darmkrankheiten. 120p. 23cm. Gettenbach [1939]

RAMOND, F. Les maladies de l'estomac et du duodénum. 414p. 8°. Par., 1927.

SCHMIDT, A. Klinik der Darmkrankheiten. 2. Aufl. 915p. 8°. Münch., 1921.

SOPER, H. W. Clinical gastroenterology. 314p. 25½cm. S. Louis, 1939.

STURTEVANT, M. Lectures on gastroenterology; New York University College of Medicine. 95 l. 8°. Ann Arb., 1935. Also 2. ed. 104p. 1936.

— Methods, and instruments.

Aaron, A. H., Bockus, H. L., & Ivy, A. C. A report of the committee on a survey of the enzyme tests, as performed by the members of the American Gastro-entological Association. *Tr. Am. Gastroenter. Ass.*, 1934, 37. meet., 38-42.—Balfour, D. C. The surgical aspects of gastroenterology. *Ibid.*, (1929) 1930, 32. meet., 460-2.—Bastedo, W. A. Rambles in the field of gastro-intestinal therapeutics. *Yearb. N. York N. England Ass. Railw. Surg.*, (1927) 1928, 38: 52-83.—Bensaude, R. Bref aperçu sur l'emploi des agents physiques en gastro-entérologie. *Rev. actin.*, Par., 1935, 11: 357-60.—Cole, L. G. The status of roentgenology in gastro-enterology. *Surg.*

Clin. N. America, 1928, 8: 1007-13.—Dioctès. Les techniques radiologiques modernes en gastro-entérologie. In *Leçons du dimanche* (Carnot, P.) Par., 1929, 1. ser., 124-47.—Einhorn, M. Douche and shower and special cabinet for gastro-intestinal tubes. *J. Lab. Clin. M.*, 1928-29, 14: 64-7.—Gastro-enterologic table with a special drainage outfit. *Ibid.*, 1929-30, 15: 601.—Gendreau, J. E., & Jutras, A. Table pour cathétérisme gastrique et rectoscopie. *Union méd. Canada*, 1936, 65: 1103.—Golob, M. Interpretación del metabolismo bajo en la práctica gastroenterológica. *Acción méd.*, B. Air., 1940, 10: 257-61.—& Borowsky, H. Value of a routine red cell sedimentation test in gastro-enterology. *Am. J. Digest. Dis.*, 1936, 3: 387-91.—Johnsen, S. W. Physical-therapy in gastro-enterology. *Rev. Gastroenter.*, 1938, 5: 350-2.—Kantor, J. L. Office equipment for the practice of gastro-enterology. *Med. J. & Rec.*, 1931, 133: 209-13.—Satterlee, G. R. Aniline dyes in the study and treatment of gastrointestinal disorders. *Ibid.*, 1925, 122: 269-71. Also repr.—Smithies, F. The need for standards in investigative and therapeutic work in gastro-enterology. *Am. J. Surg.*, 1931, n. ser., 11: 294-9.—Sutherland, C. G. Roentgenologic aspects of gastro-enterology. *J. Michigan M. Soc.*, 1934, 33: 275-85.—Taylor, A. C. Brilliant blue FCF: a new dye for diagnostic gastro-intestinal studies; a preliminary report. *Am. J. Digest. Dis.*, 1934, 1: 239.—Villaret, M. Les cures thermes en gastro-entérologie. *Progr. méd.*, Par., 1933, 1041-53.—Wiley, L. R. Compression belt in gastrointestinal studies. *Med. Times, N. Y.*, 1934, 62: 250.

— Periodicals.

AMERICAN JOURNAL OF DIGESTIVE DISEASES. v.1, 1934—

GASTROENTEROLOGIA. Basel, v.64, Fasc. 1, 1939—

Continuation of *Archiv für Verdauungskrankheiten*.

INTERNATIONAL (THE) JOURNAL OF GASTRO-ENTEROLOGY. N. Y., v.1, No. 1-2, 1921.

REVIEW OF GASTROENTEROLOGY. N. Y., v.1, 1934—

REVISTA DE GASTRO-ENTEROLOGIA DE SÃO PAULO. S. Paulo, v.2, No. 1, 1939—

GASTRO-ENTEROPTOSIS.

See also Enteroptosis; Gastropptosis; Visceroptosis.

Aievoli, E. Selezioni chirurgiche nella restaurazione di forma e di funzione, nella ptosi ectasica gastrica e cecale. *Gazz. internaz. med. chir.*, 1937, 47: 539.—Cawadias, A. P. The modern treatment of gastro-enteroptosis. *Brit. M. J.*, 1932, 1: 1163-7.—Donati, M. Patologia e clinica delle ptosi gastro-intestinali. *Arch. Soc. ital. chir.*, (1921) 1922, 28: suppl., 1-68.—Dupuy de Frenelle. Traitement opératoire des ptoses gastro-coliques. *Bull. Soc. chir. Paris*, 1939, 31: 147-70.—Gautier, R. Indications des gastroclopoxies dans les distensions gastriques avec ptose du gros intestin. *Bull. Soc. méd. Paris*, 1939, 79-86.—Hudson, F. A. Is gastro-enteroptosis a surgical condition? *J. Oklahoma M. Ass.*, 1931, 24: 70-4.—Jouquan, A., & Mirallié, C. Traitement chirurgical des ptoses gastro-coliques. *Mém. Acad. chir.*, Par., 1938, 64: 1218-27.—Meyers, E. S. Consideration of some of the literature and personal experience in the treatment of gastro-enteroptosis. *Med. J. Australia*, 1929, 1: 103-6.—Parlavacchio, G. Terapia delle ptosi gastro-enteriche. *Arch. Soc. ital. chir.*, (1921) 1922, 28: suppl., 1-99.—Prat. Traitement chirurgical des gastroclopoxies. *P. verb. Congr. fr. chir.*, 1927, 36: 937-65.—St Jacques, E. De la gastropptose et de l'entéroptose colique et leur guérison par le procédé de Lambret. *J. internat. chir.*, Brux., 1936, 1: 257-68.—Schiassi, B. La restaurazione chirurgica morfologica e funzionale dello stomaco e del colon ptosici ed ectasici. *Policlinico*, 1937, 44: sez. chir., 1937, 400: 483.—Taylor, H. M. Remarks on abdominal ptosis, visceroptosis, entero-ptosis, or Glénard's disease. *Atlanta M. S. J.*, 1896-97, n. ser., 13: 176-81.—Terrizzano, V. M. Ptosis gastro-intestinales y estados asténicos; consideraciones. *Rev. méd. lat. amer.*, B. Air., 1938, 23: 963-72.—Treu, J. Gastro-Enteroptose und Muskelsinsuffizienz. *Zbl. Chir.*, 1933, 60: 555-8.—Trumpp, R. Die Behandlung von Magen-Darmsenkung nach dem Übungsprinzip. *Münch. med. Wschr.*, 1938, 85: 631.

GASTROENTEROSTOMY.

See also Gastrectomy; Gastrointestinal tract, Surgery; Peptic ulcer; Stomach, Surgery, &c.

PAUCHET, V., & TIERNY, A. La gastro-entérostomie; technique, indications, dangers. 200p. 8°. Par., 1926.

Deaver, J. B. Gastro-enterostomy. *Surg. Gyn. Obst.*, 1927, 45: 201-3.—Devine, H. B. The status of gastro-enterostomy in gastric surgery. *Med. J. Australia*, 1927, 2: suppl., 167-71.—Douarre. Sur un cas de gastro-entérostomie spontanée décelée par la radiographie. *Arch. électr. méd. exp.*, 1913, 22: 206-10.—Eggers, C. Gastro-enterostomy. *Ann.*

Surg., 1938, 108: 84-104.—Finney, J. M. T., jr. Gastroduodenostomy or gastrojejunostomy: certain anatomic and physiological considerations. *Am. J. Surg.*, 1938, 40: 118-22.—Gutiérrez, A. La operación de gastroenterostomía; su cincuentenario. *Rev. cir., B. Air.*, 1932, 11: 389-92.—Kleinschmidt, O. Zur Geschichte des Billroth II. *Chirurg.*, 1928-29, 1: 631-3.—Lombardi, R. Ricerche istologiche sul neostoma dopo resezione gastrica. *Ann. ital. chir.*, 1932, 11: 264-74.—Luna Gañan, J. La úlcera péptica y su mecanismo de curación por la gastroenterostomía. *Siglo méd.*, 1926, 78: 6; 30; 58; 78.—Tierny, A. Ce qu'il faut penser actuellement de la gastroenterostomie. *Paris chir.*, 1926, 18: 9-25.—Wilkie, D. P. D. Gastro-enterostomy. *Surg. Gyn. Obst.*, 1929, 48: 79-83.

Complication.

SIERRA, M. *Contribution à l'étude clinique et radiologique des complications mécaniques de la gastro-entérostomie postérieure. 108p. 8°. Par., 1937.

Bertini, G. Rarissima complicazione di una gastroenterostomia. *Arch. ital. chir.*, 1936, 44: 85-100.—Christmann, F. E., & Nacif, V. Sobre una complicación postoperatoria de la gastrectomía seguida de anastomosis terminolateral. *Rev. As. méd. argent.*, 1936, 50: 812-20.—Conly, L. H. Stoma strain following gastric surgery. *Am. J. Surg.*, 1939, 44: 654-6.—Copello, I. Sobre algunos detalles de técnica y complicaciones inmediatas de la gastroenterostomía, etc. *Prensa méd. argent.*, 1925-26, 12: 228.—Duran, G. Nota previa sobre una rara dificultad en la busca del asa anastomótica para gastroenterostomía. *Med. ibera*, 1932, 26: 269-73.—Eggers, H. Zur Beurteilung der Nachblutungen nach Gastroenterostomie und Magenresektion; mit Bemerkungen über die Ulcusgenese. *Beitr. klin. Chir.*, 1928, 142: 233-9.—Franz, O. Eine akute letale Äthylalkoholvergiftung bei Gastroenterostomie. In *Festschr. H. Zangger, Zür.*, 1935, 1: 71-6.—Genkin, I. I. Gastroenterostomie bei Situs viscerum inversus totalis. *Deut. Zschr. Chir.*, 1933, 241: 124-6.—Glekier-Varkhameeva, K. K. [Roentgen diagnosis in gastroenterostomy and its complications] *Vest. rentg.*, 1931, 9: 143-52.—Gourevich, G. M. [Hemorrhage after gastroenterostomy] *Vest. khir.*, 1928, 13: 27-35. Ueber Blutungen nach Gastroenterostomie. *Arch. klin. Chir.*, 1927, 147: 518-29.—Gridnev, A. P. [Infection as complication of gastro-enterostomy] *Kuban. nauch. med. J.*, 1928, 7: 45-9.—Jungbluth, J. Bemerkungen zu dem Beitrag: Zur Beurteilung der Nachblutung nach Gastroenterostomien von M. Krabbel. *Zbl. Chir.*, 1926, 53: 2019. Nochmals zur Frage der Nachblutungen nach Gastroenterostomien. *Ibid.*, 1927, 54: 588.—Kolaczek, H. Zur Behandlung des postoperativen akuten Magenileus nach Gastroenterostomie. *Beitr. klin. Chir.*, 1928, 143: 716-20.—Krabbel, M. Zur Beurteilung der Nachblutung nach Gastroenterostomien. *Zbl. Chir.*, 1926, 53: 1170; 1927, 54: 1354.—Lewisohn, R. The complications of gastro-enterostomy. *Surg. Clin. N. America*, 1936, 16: 805-24.—Luquet, G. Une peu banale complication à distance d'une gastro-entérostomie. *Bull. Soc. chir. Paris*, 1936, 28: 59-63.—Madisson, H. Ueber einige Komplikationen nach Gastroenterostomie. *Deut. Zschr. Chir.*, 1933, 239: 641-3.—Marzloff, K. H., & Suckow, G. R. Mucosal inclusions in anterior gastroenterostomies in dogs following various methods of suturing. *Proc. Soc. Exp. Biol. N. Y.*, 1929-30, 27: 855-7. Wound healing in anterior gastroenterostomy following various methods of suture; an experimental study in dogs. *Arch. Surg.*, 1933, 26: 345; 1935, 31: 10.—Mátyás, M. Ueber die Behandlung von gelegentlichen Nahtinsuffizienzen am Duodenalstumpf nach Billroth II. *Arch. klin. Chir.*, 1935, 182: 282-8.—Paluel, E. Etranglement de l'intestin grêle derrière une bouche d'anastomose précoce après résection d'estomac. *Lyon chir.*, 1939, 36: 360.—Pauchet, V. A propos de la communication de M. Gutmman sur les complications de la gastro-entérostomie. *Bull. Soc. méd. Paris*, 1931, 330-44.—Pireaux, La gastro-entérostomie et ses complications. *Arch. méd. belges*, 1927, 80: 107-17.—Schlesinger, A. Zur Frage der Nachblutungen nach Gastroenterostomie. *Zbl. Chir.*, 1926, 53: 2779.—Seidensticker, R. F. Hemorrhage following gastroenterostomy; case report. *Long Island M. J.*, 1926, 20: 93-5.—Silva, J. M. Los accidentes de la gastroenterostomía. *Arch. urug. med.*, 1933, 2: 343-68.—Sistrunk, W. E. Methods of treating complications following gastro-enterostomy. *Med. Rec., Houston*, 1925, 19: 493-7.—Spitzer, W. Ueber postoperative Duodenalfisteln im Anschlusse von Magenresektionen nach der Methode von Billroth II-Pólya und neue Wege zur Inanitionsprophylaxe. *Zbl. Chir.*, 1931, 58: 2313-7.—Stropeni, L. Complicazioni chirurgiche gravi per gastro-entero-anastomosi errate. *Minerva med.*, Tor., 1927, 7: 1161-8.—Struchkov, V. I. [Case of complication following the resection of the stomach by Billroth II] *Khirurgia, Moskva*, 1939, No. 8, 116.—Velo, C. A. Sulla guarigione delle perdite di sostanza della mucosa del digiuno dopo gastro-entero-anastomosi. *Arch. ital. mal. app. diger.*, 1931-32, 1: 228.—Wolfsohn, G. Zur Beurteilung der Nachblutung nach Gastroenterostomien. *Zbl. Chir.*, 1926, 53: 1885.

Effect.

For untoward effects see subheading Sequelae.
BECKMANN, F. *Die Veränderung der Magen-

silhouette nach Gastroenterostomie [Kiel] 32p. 23½cm. Lengerich I. W., 1936.

SALZBERG-FAIFEL, R. *Études physiologiques sur un cas d'œsophago-jéjuno-gastrostomose. 30p. 8°. Lausanne, 1908.

Alvarez, W. C. The normal thickness of the pyloric muscle and the influence on it of gastro-enterostomy. *Proc. Mayo Clin.*, 1928, 3: 263-5.—Angerer, H. Zur Histologie alter Gastroenterostomiestellen und deren Umgebung. *Deut. Zschr. Chir.*, 1927, 201: 228-42.—Arisz, L. Observations on the function of the stomach after gastroenterostomy and similar operations. *Acta radiol. Stockh.*, 1926, 5: 236-49, pl.—Armani, L. Studio radiologico dello stomaco e dell'ansa anastomotica dopo la gastroentero-anastomosi. *Atti Congr. ital. radiol. med.*, 1924, 5. Congr., 36-9.—Bassi, P. La prova dell'istamina nei gastroenterostomizzati. *Ann. ital. chir.*, 1939, 18: 870-5.—Lanino, G. Comportamento della motilità gastrica nei gastroenterostomizzati. *Clinica, Bologna*, 1938, 4: 885-901. Effetti indotti dalle sostanze ad azione farmacodinamica sulla motilità dello stomaco nei gastroenterostomizzati. *Ann. ital. chir.*, 1939, 18: 705-18.—Brestkine, M. P. [Influence of gastro-enterostomy on the function of the gastric glands] *Arch. biol. nauk.*, 1927, 27: 211-7.—Ciminata, A. Effetti della resezione gastrica alla Billroth II sulla funzione e struttura del pancreas e sull'assorbimento alimentare; ricerche sperimentali. *Arch. ital. chir.*, 1926, 15: 21-50.—Danicio, I. Contribuzioni la studiul tubulii digestiv dupa gastro-entero-anastomoză si dupa rezectii gastrice. *Cluj. med.*, 1927, 8: 5, 143-52.—D'Istria. Sorprese radiologiche al controllo delle gastroenterostomie. *Arch. radiol., Nap.*, 1937, 13: 108.—Domenico, R. Il comportamento del chimismo gastrico negli operati di gastroenterostomia, controllato col sondaggio frazionato dello stomaco. *Gazz. osp.*, 1938, 59: 335-42.—Elman, R. E. The behavior of gastric acidity in duodenal ulcer and pyloric obstruction before and after gastroenterostomy. *Surg. Gyn. Obst.*, 1929, 49: 34-42.—Ferry, G. Le fonctionnement de la gastro-entéro-anastomose en cas de perméabilité du pylore. *Strasbourg méd.*, 1926, 84: 204-25.—Garin, C., & Bernay, P. Renseignements fournis par la gastrophotographie dans l'exploration des bouches anastomotiques. *Lyon chir.*, 1933, 30: 586.—Gelderen, C. van. Ueber das Verhalten des Mageninhalts nach der Gastroenterostomie und der Magenresektion. *Mitt. Grenzgeb. Med. Chir.*, 1935-36, 44: 440-7.—Holman, C., & Sandusky, W. R. Gastric acidity after gastro-enterostomy. *Am. J. M. Sc.*, 1938, 195: 220-30.—Igarzabal, J. E. Cirugía gástrica; efectos de las gastroenterostomía sobre la evacuación y el quimismo gástrico. *Dia. méd.*, B. Air., 1937, 9: 87-9.—Kern, F., & Büttner, H. E. Röntgenstudien bei Gastro-Enterostomie ohne gleichzeitige subtotale Resektion des Magens. *Med. Welt*, 1939, 13: 1194, pl.—Lange, K. H. Das Verhalten der Magen-Darmmuskulatur nach Gastroenterostomie. *Morph. Jahrb.*, 1937, 80: 430-8.—Lévy, M., & Chérigé, Aspect radiologique de l'estomac après certaines gastro-entéroanastomoses. *Arch. mal. app. digest.*, Par., 1938, 28: 746.—McMaster, P. E. Effects of diverting the gastric contents to the lower intestinal levels. *Arch. Surg.*, 1934, 28: 825-36.—Mazacuva, G. La funzionalità colecistica prima e dopo gastroenterostomia (indagini colecistografiche comparative) *Arch. ital. chir.*, 1932, 31: 549-80.—Moure, P., Orsoni & Boncour. Le fonctionnement de bouche après gastrectomie par section horizontale de l'estomac et anastomose termino-latérale isopéristaltique. *Mém. Acad. chir.*, Par., 1938, 64: 1141-50.—Neporent, M. I., Shlapobersky, V. I., & Saksen, E. E. [The motor function of the leading loop of the anastomosis in resection of the stomach by the method of Billroth II] *Arkh. biol. nauk*, 1936, 44: 117-22.—Nicolaysen, K. [Study of the effects of gastro-enterostomy] *Norsk mag. lægevid.*, 1925, 86: 1323-8.—Nishimura, K. Experimentelle Untersuchung über die Verteilung des Mageninhalts nach Anlage der Magengabelung. *Arch. jap. Chir.*, 1939, 16: 7.—Perman, E. The acidity in the stomach after gastroenterostomy and resection. *Acta chir. scand.*, 1926-27, 61: 465-84.—Podkaminsky, N. [Use of adrenalin in examination of gastroenterostomy] *Klin. med., Moskva*, 1927, 5: 1325-7. Also *Deut. med. Wschr.*, 1928, 54: 962. [Use of hypophysin in the examination of gastro-entero-anastomosis] *Klin. med., Moskva*, 1929, 7: 1035. Also *Deut. med. Wschr.*, 1929, 55: 221.—Portis, B. Changes in the intestinal flora after gastro-enterostomy and partial gastrectomy. *Surg. Gyn. Obst.*, 1929, 48: 470-3.—Price, P. B. A physiological consideration of gastroenterostomy. *Chin. M. J.*, 1937, 52: 265-70.—Rendano, C. Sul ripristino di una funzione sfinterica nello stomaco dopo gastro-enterostomia; ricerche istologiche. *Arch. ital. chir.*, 1939, 57: 128-54.—Shanks, S. C. The stomach and duodenum after operation. *Brit. M. J.*, 1934, 2: 1032-7, pl.—Shlapobersky, V. I., & Naporent, M. I. [The mechanism of regulation of evacuation of the stomach following Billroth II operation] *Khirurgia, Moskva*, 1939, No. 8, 80-6, pl.—Snapper, I. [Fatty stools after gastroenterostomy] *Genec. gids*, 1934, 12: 313; 337; 361.—Starlinger, F., & Richter, W. Zur Heilungsdauer der Anastomosennahrt nach Magendarmvereinigung. *Wien. klin. Wschr.*, 1931, 44: 962-6.—Valdoni, P. Sulle alterazioni postoperatorie del circolo gastroduodenale nei gastroenterostomizzati. *Ann. ital. chir.*, 1931, 10: 289-303.—Wada, Y. Ueber Gastroenterostomie; die quantitative Bestimmung der physiologischen und pathologischen Bestandteile des Magenichmus vor und nach Gastroenterostomie. *Tohoku J. Exp. M.*, 1934, 23: 119-53. — Histaminprobe

des Magens vor und nach Gastroenterostomie. *Ibid.*, 443-66.—**Yoshitoshi, T.** Experimentelle Untersuchung über die sekretorischen Verhältnisse des operierten Magens; über die Einflüsse der verschiedenen gastroenterostomierenden Operationen an dem Magen auf die Sekretionen desselben. *J. Orient. M.*, Dairen, 1936, 25: 62.

Indication.

See also **Gastrectomy**.

LEARNOUT, M. *Contribution à l'étude du traitement chirurgical de l'ulcère de l'estomac (Excision ou gastro-entérostomie) 80p. 8°. Par., 1910.

MARTINS PASSOS, E. *Gastro-enterostomia ou duodenogastro-ectomia? 93p. 8°. S. Paulo, 1927.

ROUSSEL, R. *Traitement chirurgical de l'ulcère gastroduodénal par la gastro-entéro-anastomose et la gastrectomie; résultats comparés de ces 2 opérations et indications respectives. 56p. 8°. Lyon, 1934.

Baz, G. Las indicaciones de la gastroenteroanastomosis. *An. clin. Hosp. Juárez, Méx.*, 1931, 1: 111-5.—**Bellerose, A.** Ulcus gastrice; gastro-entérostomie. *Union méd. Canada*, 1937, 66: 341.—**Crousse, R.** Du traitement chirurgical de l'ulcère chronique de l'estomac, gastrectomie ou gastro-entérostomie? *Ann. Inst. chir. Bruxelles*, 1928, 29: 41-9.—**Curl, H.** Gastro-enterostomy for gastric ulcer from roentgenologic viewpoint. *Wisconsin M. J.*, 1926, 25: 377-80.—**Dubs, J.** Resektion oder Gastroenterostomie bei pylorischen Ulcus ventriculi? *Zbl. Chir.*, 1922, 49: 108.—**Duval, J.** Ulcère gastrique en évolution et gastro-entérostomie. *Bull. Soc. nat. chir.*, Par., 1934, 60: 1345-8.—**Fasiani, G. M.** Sulla contemporanea presenza di ulcera gastro-duodenale e di stenosi bassa del duodeno e sul trattamento con la doppia anastomosi. *Arch. Soc. ital. chir.* (1926) 1927, 33: 505-7.—**Folliasson, A.** Quelques complications particulières à la gastro-entérostomie pour ulcus gastro-duodénal, une indication opératoire précise, une technique sûre permettent de les éviter. *Hôpital*, 1931, 19: 56-8.—**Frank, L.** Gastro-enterostomy: report of 2 cases, one for ulcer and one for cancer of the stomach. *Louisville Month. J. M. & E.*, 1909-10, 16: 289-93.—**Gatellier, J.** Ulcus peptique et gastro-entérostomie. *Arch. mal. app. digest.*, Par., 1935, 25: 591-4.—**Giordano.** Doit-on préférer, dans le traitement de l'ulcère, la résection pylorique ou la gastro-entérostomie? In *Livre jub. (Hartmann, H.)* Par., 1932, 265-9.—**Gridnev, A.** Einige Bemerkungen zur Auswahl der Gastroenterostomie-methode. *Zbl. Chir.*, 1930, 57: 3048-50.—**Hatfield, J. G.** Posterior gastroenterostomy with and without gastric resection as treatment for peptic ulcer. *J. Am. Osteopath. Ass.*, 1939-40, 39: 115-7.—**Hortolomei, N.** Gastro-entérostomie ou gastro-pylorotomie large comme traitement des ulcères gastro-duodénaux? résultats personnels. *Presse méd.*, 1930, 38: 1057-9.—**Avantages de la gastro-entéro-anastomose antérieure dans la gastro-duodénectomie large pour ulcère.** *Mém. Acad. chir.*, Par., 1936, 62: 633-5.—**Hütten, F. von der.** Ein weiterer kasuistischer Beitrag zur Frage der Resektion oder Gastroenterostomie beim Magengeschwür. *Zbl. Chir.*, 1923, 50: 84.—**Hurt, H. H.** The indications for posterior gastro-enterostomy. *Virginia M. Month.*, 1934, 60: 736-9.—**Johnsen, C.** Magen-ulcus und Gastroenterostomie? *Zbl. Chir.*, 1928, 55: 2314.—**Jonescu, T.** Ulcer de stomac, gastro-enterostomia anterioara von Wilfer. *Rev. chir. Bucur.*, 1906, 10: 519-21.—**Landau, N.** La chirurgia dell'ulcera gastro-duodenale non è sola questione di scelta tra gastroenterostomia e resezione. *Arch. ital. chir.*, 1938, 52: 653-8.—**Lewisohn, R.** Gastroduodenal ulcers; partial gastrectomy versus gastro-enterostomy in their surgical treatment. *J. Am. M. Ass.*, 1927, 89: 1694-52.—**Lohmann, C. J.** Gastro-enterostomy in peptic ulcer. *J. Iowa M. Soc.*, 1936, 26: 520-3.—**McKirdie, M., & Dulin, J. W.** Gastro-enterostomy in the treatment of peptic ulcer. *Ibid.*, 1940, 30: 100-3.—**McNealy, R. W.** Should gastro-enterostomy be discarded? *Radiol. Rev.*, 1937, 59: 210-2.—**Madariaga, O., & Madariaga, H.** Gastrectomia vs gastroenterostomia. *Vida nueva, Habana*, 1927, 20: 185-91.—**Margineanu, V.** [Twenty cases of resection of the stomach and its advantages over gastro-entero-anastomosis in miners] *Cluj. med.*, 1931, 12: 283-5.—**Martin, W. F.** Indications for surgery in diseases of the stomach and duodenum; discussion of gastroenterostomy and gastrectomy. *South. M. N.*, 1938, 100: 527-30.—**Nesselrode, C. C., & Medearis, D. N.** Peptic ulcer in childhood; gastroenterostomy on a 7 year old boy. *West. J. Surg.*, 1935, 43: 208-15.—**Nesselrode, C. C., Growney, L. E., & Walker, M. A.** Peptic ulcer in childhood: Gastroenterostomy on a 7 year old boy. *J. Kansas M. Soc.*, 1935, 36: 28-30.—**Pauchet, V.** Indications de la gastro-entérostomie. *Gaz. hôp.*, 1931, 104: 169; 323. Also *J. méd. Paris*, 1932, 52: 621-43. Also *Techn. chir.*, Par., 1934, 26: 81-107.—**Pinto, A.** A gastro-enterostomia na ulcera gastro-duodenal: indicacoes e acidentes. *Med. contemp.*, Lisb., 1927, 45: 259.—**Ricard, A.** De la gastro-entérostomie complémentaire dans le traitement des ulcères gastro-duodénaux perforés. *Presse méd.*, 1929, 37: 1037.—**Saner, F. D.** Case of

gastro-enterostomy. *Proc. R. Soc. M., Lond.*, 1926-27, 20: Sect. Clin., 52.—**Santos, R. dos.** La gastro-entérostomie antérieure est préférable à la gastro-entérostomie postérieure dans l'ulcère gastro-duodénal. *P. verb. Congr. fr. chir.*, 1927, 36: 913-6.—**Savkov, N. M.** [On the treatment of epigastric pains caused by round ulcer of the stomach, by gastroenterostomy] *Khirurgia, Moskva*, 1912, 31: 352-62.—**Schachner, A.** Gastroectomy versus gastroenterostomy in gastro-duodenal ulcers. *Am. J. Surg.*, 1930, n. ser., 8: 81-6. Also *C. rend. Congr. internat. méd. trop.*, 1928, 1. Congr., 3: 483-93.—**Schley, W. S.** Saddle ulcer of the stomach: gastro-enterostomy. *Ann. Surg.*, 1912, 56: 478.—**Slocker.** Eiseisic de piloro, ulcera de estómago y gastroenterostomia. *An. Acad. med., Madr.*, 1916, 36: 335 [Discussion] 347-53.—**Smith, J. H.** A case of gastric ulcer with gastro-enterostomy performed. *Hosp. Bull. Univ. Maryland*, 1911-12, 7: 91.—**Thévenard.** Gastro-entérostomie pour sténose cicatricielle d'un ulcère pylorique; opération itérative 23 ans plus tard; jéjuno-jéjunostomie pour sténose par bride cicatricielle du jéjunum et coudure par mésentérite rétractile. *Bull. Soc. chir. Paris*, 1929, 21: 658-60.—**Turner, G.** Non-malignant, chronic, lesser curve ulcer with gastro-enterostomy; partial gastrectomy by Billroth No. 1 method; good recovery. *Tr. M. Soc. London*, 1938, 61: 107.—**Urban, K.** Zur Frage der Gastroenterostomie beim Magendarmgeschwür. *Deut. Zschr. Chir.*, 1927, 201: 255-8.—**Woolsey, G.** Gastro-enterostomy in the treatment of peptic ulcer. *Surg. Clin. N. America*, 1934, 14: 347-59.—**Young, A.** A comparative estimate of the value of gastro-jejunostomy and of gastrectomy in the treatment of gastric and duodenal ulcers. *Rapp. Congr. Soc. internat. chir.*, 1929-30, 8. Congr., 2: 247-53.

Method.

See also **Esophagus, Surgery; Gastrectomy; Gastroduodenostomy; Gastroileostomy; Gastro-jejunostomy**.

ERICKE, W. *Vordere oder hintere Gastroenterostomie. 79p. 8°. Berl., 1937.

GILLI, J. *Beiträge zur Gastroenterostomie [Bern] 61p. 8°. Jena, 1907.

Aburel, E. Les anastomoses gastro-intestinales avec ouverture retardée des viscéres et le bistouri électrique. *Progr. méd.*, Par., 1930, 1593.—**Angeli, A.** La gastroenterostomia plastica. *Riv. chir. Nap.*, 1935, 1: 77-82.—**Babcock, W. W.** A method of partial gastrectomy with telescopic anastomosis. *Surg. Gyn. Obst.*, 1926, 42: 403-15.—**Bardy, H.** [Technique of gastro-enterostomy] *Fin. läk. säll. hand.*, 1929, 71: 856-9.—**Beltman, R. B., & Zimmerman, L. M.** The use of metal clips in gastrointestinal anastomosis; an experimental study. *Am. J. Digest. Dis.*, 1935-36, 2: 318-21.—**Beule, F. de** [Artificial pylorus contraction as a supplement of gastro-enterostomy in the treatment of extra-pyloric ulcer ventriculi] *Handel. Vlaamsch natuur geneesk. Congr.*, Gent, 1910, 14. Congr., 339.—**Bloch, J. C.** Gastro-entérostomie et gastro-pyloro-duodénostomie. In *Oeuvre (Delbet, P.)* Par., 1932, 201-8.—**Bolintineanu, G., & Bajou, G.** [Preventive ligation in simple gastroenterostomy] *Spitalul*, 1932, 52: 495-7.—**Braun, H.** Zur Technik der Entero- und Gastroenteroanastomose. *Zbl. Chir.*, 1926, 53: 2450-4.—**Brenizer, A. G.** Anastomoses of the gastrointestinal tract: employing a pile clamp. *Tr. South. Surg. Ass.*, 1934, 46: 669-88. Also *Am. J. Surg.*, 1934, n. ser., 26: 863-82.—**Briggs, J. E., & Whitaker, L. R.** An electro-surgical method for aseptic gastroenterostomy. *N. England J. M.*, 1929, 201: 6-10.—**Butler d'Ormond, R. de.** La gastro-entérostomie directe de Goulloud (de Lyon) [juxta-ligamentaire et para-marginale] *Bull. méd. Par.*, 1925, 39: 1099.—**Buzoiianu, G.** [Gastro-enterostomy in 3 stages] *Spitalul*, 1933, 53: 405-10.—**Chalier, A., & Richer, V.** Sur la gastro-entérostomie antérieure. *Mém. Acad. chir.*, Par., 1937, 63: 1000-2.—**Chao, Y. C.** An electrosurgical technique for aseptic anastomosis of the stomach and intestine. *Chin. M. J.*, 1937, 52: 211-24.—**Cocci, G.** La gastroenterostomia. *Prat. chir.*, Castello, 1926-27, 1: 1; 1927-28, 2: 71.—**Danilov, I. V.** [Oesophagofundojéjunostomia intraperitonealis antecolica in total cicatricial affection of the stomach] *Khirurgia, Moskva*, 1937, No. 8, 124-7.—**Delbet, P., & de Vadder.** La gastro-pyloro-duodénostomie. *Bull. Acad. méd.*, Par., 1928, 3. ser., 99: 274-83. Also *Presse méd.*, 1929, 37: 717-20.—**Delfor del Valle, hijos.** Consideraciones técnicas y clínico-quirúrgicas sobre la gastroenterostomia. *Sem. méd.*, B. Air., 1932, 39: 2-17.—**Devine, H.** Technique of gastro-enterostomy. *Austral. N. Zealand J. Surg.*, 1936, 6: 64-71.—**Di Molfetta, N.** Per la migliore tecnica operatoria della gastroenterostomia. *Arch. ital. chir.*, 1939, 55: 460-94.—**Ferreira, R. J.** Da sutura suspensiva sistemática da alca afferente do jejuno, como meio seguro para evitar o circulus vitiosus, no curso da gastroenterostomia transmesocolica posterior, vertical, inferior e marginal. *Rev. brasil. med. pharm.*, 1930, 6: 371-88.—**Gioja, E.** Tecnica e risultati della gastroenterostomia e della resezione gastrica col processo di Tansini. *Ann. ital. chir.*, 1930, 9: 1-19. Also *Arch. Soc. ital. chir.*, 1930, 36: 840-57.—**Glenn, F.** Gastro-enterostomy; a detailed description of one surgical procedure. *Surg. Gyn. Obst.*, 1936, 63: 751-5.—**Goni Moreno, I.** La gastroenterostomia; consideraciones técnicas. *Prensa méd. argent.*, 1938, 25: pt 2, 1738-44.—**Goyanes, J.** Una modificación al procedimiento de gastroenterostomia en Y, de Roux, gastroenterostomia en T. *Siglo méd.*, 1916, 63: 322-

- 4.—**Halperin, G.** Gastric resection and various methods of re-establishing the continuity of the gastro-intestinal tract. *Surg. Gyn. Obst.*, 1926, 42: Suppl., 87-93.—**Hamant, Girard & Weill.** A propos de la gastro-entérostomie au bouton. *Rev. méd. Nancy*, 1935, 66: 402-5.—**Hartmann, H.** A propos de la gastro-entérostomie. *Bull. Soc. nat. chir.*, 1926, 52: 372-6. Des conditions nécessaires pour obtenir de bons résultats après la gastro-entérostomie. *Gaz. hôp.*, 1930, 103: 1493-5.—**Hertel, E.** Die Gastroenterostomie und ihre Fehlerquellen. *Beitr. klin. Chir.*, 1928, 142: 157-220. Also *Münch. med. Wschr.*, 1927, 74: 1754.—**Jenkinson, E. L.** Importance of the size of stomach and stoma in gastro-enterostomy. *J. Am. M. Ass.*, 1934, 102: 354-7. Also *Quincy M. Bull.*, 1934, 10: 193.—**Jesu, G.** La resistenza delle suture nella gastro-entérostomie. *Ann. ital. chir.*, 1934, 13: 645-51.—**Johner, T.** Gastro-Enterostomie pyloruswärts vom tiefsten Punkt bei erweitertem Magen! *Schweiz. med. Wschr.*, 1938, 68: 520-2.—**Kelling, G.** Zur Technik der einfachen Gastro-entérostomie. *Zbl. Chir.*, 1926, 53: 2204-6.—**Kholdin, S. A.** [Three years' experience with electro-surgical anastomoses of the gastro-intestinal canal]. *Vest. khir.*, 1939, 58: 213-26.—**Kowtunowicz, G.** Die Gefahren der Braun'schen Anastomosen. *Zbl. Chir.*, 1926, 53: 993.—**Lanos, J.** Technique de la gastro-entérostomie au bouton de Jaboulay. *Paris chir.*, 1928, 20: 193-200.—**Leo, E.** La tecnica della gastro-entérostomia e della resezione gastro-enterica semplificata: nuova sutura emostatica e insieme gastro-enterostica. *Arch. ital. chir.*, 1930-31, 27: 271-87.—**Magnus, H.** Gefahren der Joseph'schen Anastomosenmesserquetsche. *Zbl. Chir.*, 1927, 54: 1123-5.—**Moise, T. S.** Gastro-enterostomy with a transverse jejunal incision. *Surg. Gyn. Obst.*, 1928, 47: 383-92.—**Mosti, R.** I mezzi per rendere più sicuro il funzionamento del neostoma nella gastroenterostomia e per maggiormente premunirsi contro il circolo vizioso. *Policlinico*, 1926, 33: sez. prat., 120-4.—**Nakata, M., & Tanaka, K.** Soll die Gastroenterostomie beziehungsweise Ileotransversostomie unbedingt isoperistaltisch angelegt werden? *Verh. Jap. chir. Ges.*, 1935, 36: 31.—**Niehans, P.** Aseptische Methode der Gastrojejunostomie und der latero-lateralen, termino-terminalen, termino-lateralen Enteroanastomose durch intra-instrumentelle Einkerbung isoperistaltisch aufeinander gequetschter Magen oder Darmteile. *Schweiz. med. Wschr.*, 1927, 57: 544-7.—**Nix, J. T.** A new anastomosis button for gastro-intestinal surgery. *N. Orleans M. & S. J.*, 1931, 84: 332-40. Also *South. M. J.*, 1932, 25: 196-200.—**Owings, J. C., & Stone, H. B.** Technique of anastomosis using the stone clamp. *Surg. Gyn. Obst.*, 1939, 68: 95-8.—**Papin, F.** La gastro-entérostomie. *J. méd. Bordeaux*, 1931, 108: 567-74.—**Partipilo, A. V.** A closed aseptic and quick method of gastro-intestinal anastomosis. *Am. J. Surg.*, 1930, n. ser., 10: 35-52.—**Moorhead, L. D., & Pickett, W. J.** A closed aseptic and quick method of gastrointestinal anastomosis. *Illinois M. J.*, 1930, 57: 345-8.—**Pauchet, V.** Il bottone anastomotico nella chirurgia gastro-intestinale. *Riforma med.*, 1926, 42: 103.—**Anastomoses gastriques et intestinales à l'aide du bistouri électrique.** *Bull. Soc. méd. Paris*, 1930, 271-5.—**Helias, P.** Anastomose au bistouri diathermique sans ouverture de la muqueuse en chirurgie gastro-intestinale. *Arch. méd. belges*, 1930, 83: 745-7.—**Perret, C.** Technique d'un procédé nouveau strictement aseptique d'entéro-anastomose et de gastro-jéjunostomie. *Schweiz. med. Wschr.*, 1927, 57: 533-9.—**Niehans, P.** Aseptisches Verfahren der Enteroanastomose und der Gastrojejunostomie durch simultane Quetschung (vorläufige Mitteilung). *Zbl. Chir.*, 1926, 53: 1045.—**Pólya, E.** Re-establishment of the gastro-intestinal passage after gastric resection. *Surg. Gyn. Obst.*, 1940, 70: 270-90.—**Popesco, S., & Hodos, N.** Les greffes Braun. *Rev. chir., Bucur.*, 1938, 41: 500.—**Prat.** La chirurgie gastro-intestinale et les boutons anastomotiques semi-plastiques. *Gaz. méd. France*, 1930, 547-9.—**Quemada Blanco, J.** Notas sueltas sobre gastroenterostomía y resección del estómago; técnica general de las suturas en la anastomosis gastro-intestinal. *Progr. clin. Madr.*, 1929, 37: 389-93.—**Rees, C. E.** Anterior gastro-enterostomy by the short loop method. *Surg. Gyn. Obst.*, 1935, 60: 1125-7.—**Robert-Didier.** Un nouveau mode de gastro-entérostomie; premier temps de gastrectomie. *Presse méd.*, 1935, 43: 1568.—**Scimi, M.** Ansa digiunale breve o lunga nella gastro-entérostomia? *Boll. Soc. med. chir. Modena*, 1923-24, 24: 25: 97-104.—**Stanishev, A.** Gastroenterostomia anterior obliqua. *Zbl. Chir.*, 1928, 55: 3267.—**Starlinger, F.** Erfahrungen mit der Koagulationsanastomose. *Arch. klin. Chir.*, 1939, 196: 323-37.—**Tansini, I.** Per una semplificazione della tecnica della gastroenterostomia e della resezione gastrica. *Gazz. osp.*, 1928, 49: 720-4.—**Thorek, M.** Improved oblique anterior gastroenterostomy. *Med. Rec., N. Y.*, 1936, 144: 412.—**Turco, N. B.** Gastroenterostomia con incisión mínima. *Sem. méd., B. Air.*, 1940, 47: 383-5.—**Fernández, L.** Gastroenterostomia fúndica con espólon. *Prensa méd. argent.*, 1938, 25: pt 2, 1527-30.—**Villard.** Valeur et indications des boutons anastomotiques. *Lyon chir.*, 1937, 34: 359-62.—**Wangensteen, O. H.** Aseptic gastric resection; a method of aseptic anastomosis adaptable to any segment of the alimentary canal (esophagus, stomach, small or large intestine) including preliminary description of subtotal excision of the acid secreting area for ulcer. *Surg. Gyn. Obst.*, 1940, 70: 59-70.
- Bauer, K. H.** Die Technik der Magenresektion nach Billroth II. *Zbl. Chir.*, 1937, 64: 1604-6.—**Cukor, S.** Modifikation der Magen-Darmverbindung (Billroth II) im Anschluss an die mit Hilfe des Nahapparates durchgeführte partielle Magenresektion. *Ibid.*, 1926, 53: 593-7.—**Fáykiss, F.** [Care of the duodenal stump after resection of the stomach by the method of Billroth II]. *Budapesti orv. ujs.*, 1911, 9: 815.—**Finochietto, R.** Gastrectomia por úlcera; la liberación intraparietal de la cara posterior del duodeno y la anastomosis Papan-Billroth. *Sem. méd., B. Air.*, 1929, 36: pt 2, 748-52.—**Fonio, A.** Beitrag zur Erleichterung der Magenresektion nach Billroth II antecolica oralis (Krönlein). *Chirurg*, 1936, 8: 67-9.—**Lorenz, H.** Zur Technik der Resectio ventriculi secundum Billroth II; mit Randbemerkungen zu den Fragen der Ulkusegenese und der ausgedehnten Magenresektion wegen Ulkus. *Wien. med. Wschr.*, 1929, 79: 611-7.—**Opokin, A. A.** [Technique of resection of the stomach; care of the stump of the duodenum in the second method of Billroth]. *Khbir. arkh. Velayminova*, 1914, 30: 442-50. Also *Sezd. roz. khir.*, 1914, 13: 182-5 [Discussion] 192-8.—**Plenk, A.** Ueber Magenresektion wegen Ulkus bei gleichzeitiger Erkrankung der Gallenblase; eine Modifikation der Methode Billroth II. *Mitt. Grenzgeb. Med. Chir.*, 1930-31, 42: 647.—**Schwarz, K.** Zur Behandlung des Duodenalstumpfes bei der Resektionsmethode Billroth II. *Zbl. Chir.*, 1911, 38: 1402.—**Smoler, F.** Zur Stumpfvorsorgung des Duodenalstumpfes bei der Magenresektion nach Billroth II. *Ibid.*, 1913, 40: 1921.—**Wald, A.** Verschluss des Duodenalstumpfes bei der Magenresektion nach Billroth II mit dem Donati'schen Instrument. *Ibid.*, 1936, 63: 434-6.—**Wichman, A. A.** [Comparative evaluation of modifications of Billroth operation (2) in excision of the stomach]. *Nov. khir. arkh.*, 1936, 36: 21-6.
- **Method, posterior.**
- STÉRIN, L. J.** *La gastro-entérostomie postérieure (quelques détails de technique) 80p. 8°. Par., 1934.
- Audain, G.** L'anastomose déclive dans la gastro-entérostomie postérieure est-elle logique? *Presse méd.*, 1926, 34: 199.—**Coughlin, W. T., & McCaughan, J. M.** Posterior gastrojejunostomy; a case presenting unusual post-operative sequelae. *Week. Bull. S. Louis M. Soc.*, 1938-39, 33: 49-52.—**Erdmann.** Partial gastrectomy: posterior gastro-enterostomy. *Tr. N. York Surg. Soc.*, 1913, 2: 321.—**Gibson, C. L.** Antecolic Pólya resection of the stomach with enteroanastomosis. *Am. J. Surg.*, 1927, n. ser., 3: 391.—**Lahey, F. H.** A method of dealing with the proximal jejunal loop in posterior Pólya anastomosis. *Surg. Gyn. Obst.*, 1933, 57: 227-30.—**Morrison, W. R.** Posterior gastro-enterostomy. *Boston M. & S. J.*, 1927, 197: 182.—**Noetzel, W.** Gastroenterostomia retrocolica posterior mit Enteroanastomose zwischen der abführenden Jejunumschlinge und dem Querkolon. *Zbl. Chir.*, 1926, 53: 2657.—**Pólya, J.** [Reestablishment of connection between stomach and intestines after gastric resection]. *Orv. hetil.*, 1910, 54: 819.—**Sarma, C. S. S.** Posterior no-loop gastro-enterostomies as performed in the Government Hospital, Madras. *Madras M. J.*, 1933, 15: 27-50.—**Taddei, D.** Anastomosi gastrigiduale declive marginale posteriore nelle grandi resezioli gastriche. *Arch. ital. chir.*, 1936, 44: 700-2. Also *Clin. chir.*, Milano, 1937, 40: 5-10.—**Torraca, L.** Klemmung der anastomotischen Ansa am mesokolischen Einschnitt in einem Falle von Gastroenterostomia posterior. *Zbl. Chir.*, 1932, 59: 652-6.
- **Postoperative care.**
- Abbott, W. O., & Rawson, A. J.** A tube for use in the post-operative care of gastro-enterostomy cases. *J. Am. M. Ass.*, 1937, 108: 1873.—**Breitman, M.** [Support for half-sitting posture after gastro-enterostomy]. *Vest. khir.*, 1927, 11: 153-5.—**Damade, R.** Technique de l'alimentation jéjunale après gastro-entérostomie. *J. méd. Bordeaux*, 1933, 110: 359-61.—**Jarotzky, A.** Eine Diät nach der Gastroenterostomie, um Ulcusrezidiven vorzubeugen. *Zbl. Chir.*, 1925, 52: 1876-80.—**Meyer, W.** The value of the duodenal tube to the surgeon in the post-operative treatment of certain cases of gastro-enterostomy. *Tr. Am. Gastroenter. Ass.* (1925) 1926, 28: 53-9. Also *Med. J. & Rec.*, 1926, 123: 304; 321.—**Pauchet, V.** Come evitare l'occlusione digiunale postoperatoria. *Rass. internaz. clin. ter.*, 1927, 8: 766-9.—**Reeves, K.** The post-operative medical treatment of gastro-enterostomy. *Med. Bull. Veterans Admin.*, 1931, 7: 928-32.
- **Result.**
- See also subheading Sequelae.
- BACHMANN, E. M.** *Beiträge zur Frage der fehlerhaften Gastroenterostomie. 33p. 8°. Erlangen, 1927.
- BLOME, H.** *Ueber die Resultate der vorderen und hinteren Gastroenterostomie beim chronischen Magen- und Duodenal-Ulcus. 24p. 8°. [Rostock] 1926.
- DOLTO, B.** *Contribución à l'étude de la gastro-entérostomie curative. 69p. 8°. Par., 1931.

Method: Billroth II.

MUTSCHLER, S. *Zur Behandlung des Duodenalstumpfes bei der Resektionsmethode Billroth II. 18p. 8°. Berl., 1913.

KOZIOLEKIEWICZ, L. *Die Resultate der Gastroenterostomie beim Ulcus callosum ventriculi. 38p. 8°. Bresl., 1908.

KUTSCH, H. *Entwicklung, Misserfolge und Anzeigenstellung der künstlichen Magen-Dünndarm-Verbindung, sowie Vor- und Nachteile der vorderen und hinteren Operationsmethode. 29p. 20½cm. Berl., 1938.

ABADIE, J. Résultats éloignés de la gastrectomie et de la gastro-entérostomie pour les ulcères de l'estomac. P. verb. Congr. fr. chir., 1930, 39: 343-51.—Archer, G. F. Histopathology of old anastomotic wounds of the gastrointestinal tract. Surgery, 1940, 7: 589-98.—Armani, L. Cento ottanta gastroenterostomizzati studiati radiologicamente. Arch. radiol., Nap., 1926, 2: 906-33.—Balfour, D. C. Results of gastroenterostomy for ulcer of the duodenum and stomach. Tr. Am. Surg. Ass., 1930, 48: 146-50. Also Proc. Mayo Clin., 1930, 5: 136-8. Also Ann. Surg., 1930, 92: 558-62.—Bergeret & Caroli. Les résultats de la gastrectomie et de la gastro-entérostomie dans le traitement de l'ulcère. Presse méd., 1931, 39: 1535-7.—Bonorino Udaondo. Resultados alejados de la gastroenterostomía en las úlceras no complicadas del estómago. Prensa méd. argent., 1918-19, 5: 174.—Burden, V. G. Why does gastroenterostomy fail? Rev. Gastroenter., 1940, 7: 242-6.—Calcagno, B. N. Discusión sobre resultados alejados de la gastroenterostomía en la úlcera gastro-duodenal. Bol. Soc. cir. B. Aires, 1929, 13: 259-71. —Collivadino, C. S. Resultados alejados de la gastroenterostomía en la úlcera gastroduodenal. Ibid., 239-51. Also Sem. méd., B. Air., 1929, 36: pt 2, 1145-54.—Church, R. E., & Hinton, J. W. The results of gastroenterostomy in gastric and duodenal ulcers; report of 106 cases followed for an average of 7.1 years post-operatively. Surgery, 1940, 7: 647-56.—Collivadino, C. S. Resultados alejados de la gastroenterostomía en las úlceras gastroduodenales. Sem. méd., B. Air., 1932, 39: 1088; 1152; 1242.—Copello, O. Resultado definitivo de la gastroanastomosis en un caso de úlcera de la pequeña curvadura. Ibid., 1924, 31: pt 2, 944.—Dantin. Ulcère gastrique compliqué de biloculation; gastro-entérostomie sur la partie supérieure; résultats éloignés. Bull. Soc. chir. Paris, 1923, 49: 851-4.—Delore, X. & Monnier, R. L'insuffisance de la gastro-entérostomie dans le traitement de l'ulcère gastro-duodénal. Presse méd., 1931, 39: 148-50.—Dorronsoro Montes, A. Sobre la utilidad de la gastroenterostomía. Siglo méd., 1933, 92: 197-200.—Duranti, L. Considerazioni sulla gastroenterostomia tratte dalle osservazioni radiologiche. Arch. Soc. ital. chir. (1937) 1938, 44: 681-7.—Gamberini. Esperienza personale sui risultati lontani del trattamento dell'ulcera gastro-duodenale colla gastroenterostomia (1913-34) o colla resezione (1922-34) Arch. ital. mal. app. diger., 1938, 7: 384-7.—Geldener, C. van. Die nicht befriedigende Gastroenterostomie, eine chirurgisch-röntgenologische Studie. Arch. klin. Chir., 1938-39, 194: 477-502.—Grevyle, A. [Cases of negative results of gastroenterostomy in patients with ulcers of the duodenum and ulcer of the stomach near the pylorus]. Norsk mag. laegevid., 1934, 95: 1152-79.—Halpern, J. O. [Fifty years of gastroenterostomy]. Sovet. khir., 1933, 4: 238-45.—Harper, F. R. The disappointing results of gastroenterostomy. Rocky Mountain M. J., 1940, 37: 186-90.—Hartmann, H. Résultats éloignés de la gastro-entérostomie dans l'ulcère de la petite courbure de l'estomac. Bull. Soc. nat. chir., Par., 1927, 53: 1097-9.—Hoffmann, V. Dauerfolge der Gastroenterostomie bei Ulcus ventriculi und Ulcus duodeni. Beitr. klin. Chir., 1932, 155: 325-34.—Ishihara, K. Misserfolge nach Gastroenterostomie wegen Ulcus in Japan. Arch. klin. Chir., 1934-35, 181: 664-74.—Lewisohn, R., & Feldman, R. H. Failure of gastroenterostomy to effect a decisive reduction in gastric acidity. Ann. Surg., 1925, 82: 925-39.—Lieblein, V. Fernergebnisse der Gastroenterostomie beim chronischen Magen-Duodenalgeschwür. Med. Klin., Berl., 1928, 24: 1385-9.—Luff, A. P. The after-history of gastroenterostomy. Brit. M. J., 1929, 2: 1074; 1125; 1930, 1: 348. Also repr.—Luna Gañan, J. La úlcera péptica y su mecanismo de curación por la gastroenterostomía. Siglo méd., 1926, 77: 99-101.—Mayo, W. J. Unsuccessful gastroenterostomy for ulcer; an analysis of its causes; suggestions for better technique. Surg. Clin. Chicago, 1915, 4: 457-61.—Moutier, F. Etude endoscopique de la gastroenterostomie. Presse méd., 1934, 42: 653-7.—Protas, L. P. [Roentgenological evaluation of the results in a gastroenterostomy]. Vest. rentg., 1934, 13: 354-68.—Reichel. Ueber die bisherigen Ergebnisse der Behandlung des Magen-duodenalgeschwürs mittels breiter Gastrojejunostomie. Deut. Zschr. Chir., 1930, 227: 223-41.—Schwarz, E. Ergebnisse der operativen Therapie des chronischen Magen- und Duodenalgeschwürs; Resultate nach Gastroenterostomie und Magenresektion, insbesondere der Methode nach Reichel; die Gastroenterostomie. Arch. klin. Chir., 1928, 151: 280-301.—Scigliano, S. Rilievi e critica su la gastroenterostomia. Rinasc. med., 1931, 8: 155-7.—Seelye, W. C., & Adams, D. S. A study of 105 gastroenterostomies from the surgical services of the Memorial Hospital, Worcester, Mass. N. England J. M., 1930, 202: 469.—Starlinger, F. Fernergebnisse der Gastroenterostomie bei der Geschwürskrankheit des Magens und Zwölffingerdarms. Wien. klin. Wschr., 1936, 49: 521-3.—Sráb, V. [Roentgen diagnosis of the post-operative state in posterior gastroenterostomy]. Sborn. lék., 1935, 37: 181-255, 15 pl.—Walley, W. Gastro-enterostomy, indications and

results. Memphis M. J., 1926, 3: 215-7.—Zukschwerdt, L., & Eck, T. Ergebnisse der Gastroenterostomie als Notoperation beim Ulcus. Deut. Zschr. Chir., 1932-33, 238: 568-76.

Sequelae.

See also subheadings Complication; Result.

HADJOUJD, M. *Contribution à l'étude de la périgastrite lacunaire des gastro-entérostomisés. 37p. 8°. Par., 1926.

HOUGH, J. *Ueber postoperative Beschwerden nach Gastroenterostomien und Magenresektionen. 17p. 8°. Münch., 1937.

JAHN, G. *Die Gastroenteroanastomie- und Magenresektionskrankheit; zugleich eine Untersuchung von 68 Fällen der Medizinischen Universitätsklinik Halle. 32p. 8°. Halle, 1936.

LUBLIN, H. On the late symptoms after gastroenterostomy and resection of the stomach (Billroth II) for gastric and duodenal ulcer. 131p. 8°. Stockh., 1931.

PAULSEN, P. *Ein internistischer Beitrag zur Symptomatologie der Gastroenterostomie [Kiel] 27p. 8°. Kiel, 1928.

Antonoli, G. M. Sul mancato funzionamento della bocca anastomotica dopo resezione gastroduodenale. Osp. maggiore, Milano, 1933, 21: 197-200.—Bauer, C. Dauerresultate, Fehler und Gefahren der Gastroenterostomie als Behandlungsmethode der Ulcuskrankheit. Deut. Zschr. Chir., 1932, 235: 45-57.—Bevan, A. D. Gastro-enterostomy disease. Surg. Clin. N. America, 1928, 8: 469-80.—Bonneau, R. Gastro-entérostomie antérieure pour ulcère d'estomac; fonctionnement défectueux tardif de l'anastomose; transformation de la gastro-entérostomie latéro-latérale en gastro-entérostomie en Y. Paris chir., 1911, 3: 1038-43.—Borchgrevink. Sekundäre und bleibende Gallenregurgitation nach Gastroenterostomie. Arch. klin. Chir., 1928, 152: 188 [Discussion] 191.—Buchanan, E. P. Internal hernia following posterior gastroenterostomy. Ann. Surg., 1932, 96: 359-62.—Carro, S. La miasma gastrica de algunos gastro-enterostomizados. Ars medica, Barcel., 1933, 9: 398-401. pl.—Daumerie & Massion, J. Un cas de dilatation de l'anse jéjunale afférente après gastro-entérostomie; intervention; guérison. Bruxelles méd., 1933-34, 14: 293.—Denis, R. A propos des rétentions intragastriques du bouton anastomotique. Lyon chir., 1937, 34: 573-6.—Duval, P., & Ameline, A. Sur les vomissements bilieux éleptiques après gastro-entérostomie. J. chir., Par., 1933, 41: 372-80.—Duval, P., Roux, J. C. [et al.] Relations entre l'état infectieux des parois gastriques et certains troubles consécutifs à la gastro-entérostomie (circulus vitiosus aigu, chronique, tardif; ulcère dit peptique gastro-jéjunale). Bull. Soc. nat. chir., Par., 1926, 52: 270-8.—Fenkner. Fremdkörperreiz an einer Gastroenterostomienarbe. Arch. klin. Chir., 1929, 155: 177.—Flörcken, H. Zur Vermeidung von Nachblutungen nach Magenoperationen (Gastroenterostomie, Resektion) Zbl. Chir., 1933, 60: 2013-6.—Foà, A., & Bobbio, A. Deformità e alterazioni del colon trasverso dopo gastroenterostomia transmesocolica posteriore. Arch. ital. chir., 1938, 48: 869. Also Arch. Soc. ital. chir. (1937) 1938, 44: 890-2. Also Zbl. Chir., 1938, 65: 798-800.—Francis, J. H. Retained Murphy button; case report. Memphis M. J., 1938, 13: 182-4.—Fruchaud, H. Troubles douloureux consécutifs à la dilatation de l'anse jéjunale après gastro-entérostomie. Bull. Soc. nat. chir., Par., 1926, 52: 1131-3.—Galíndez, A. Mal resultado alejado en dos gastroenteroanastomosados por úlcera del estómago. Bol. Soc. cir. B. Aires, 1927, 11: 429-36.—Gaudier, H. Volumineuse dilatation de la branche efférente de l'anse grêle longtemps après une gastro-entérostomie et consécutive à des adhérences. Bull. Soc. nat. chir., Par., 1928, 54: 308-10.—Ginzburg, L., & Mage, S. Failures following gastroenterostomy for gastroduodenal ulcer. Surg. Gyn. Obst., 1938, 67: 788-96.—Giordano, D. Nuovo intervento per ritorno di emorragia gastrica sette anni dopo una gastroenterostomia. Riforma med., 1934, 50: 403-5.—Giupponi, E. Ernia della mucosa digiunale dopo gastroenterostomia. Riv. osp., 1937, 27: 69-73.—Gutiérrez, A. Absceso intercoloeplíptico consecutivo a una gastroenterostomia posterior transmesocolica con despegamiento intercoloeplíptico. Bol. Soc. cir. B. Aires, 1923, 7: 66-70.—Gutmann, R. A. Les diverses lésions des bouches de gastro-entérostomie. Arch. mal. app. digest., Par., 1926, 16: 1130-41.—Jahiel, R. La périgastrite lacunaire des gastro-entérostomisés. Presse méd., 1926, 34: 1459-62.—Guyot & Traissac, J. Un cas d'expulsion tardive d'un bouton de Jaboulay après gastro-entérostomie. J. méd. Bordeaux, 1926, 56: 760.—Irwin, S. T. A case of hernia through the transverse mesocolon. Lancet, Lond., 1927, 1: 75.—Lagravinese, N. Il problema degli itterici operati di stomaco. Policlinico, 1937, 44: sez. prat., 1879-93.—Lamérís, H. J. [Disturbances after gastroenterostomy]. Ned. tsehr. geneesk., 1929, 73: 277-84.—Lefèvre & Costedat. Des inconvénients de la gastro-entérostomie simple dans l'ulcus calleux perforé bouché de la petite courbure. Bull. Soc. méd. chir. Bordeaux (1926) 1927, 97-101.—Leibovici, R., & Poilleux, F. Des accidents urémiques compliquant les interventions abdominales; diagnostic et

traitement des vomissements consécutifs à la gastro-entérostomie. *Rev. chir., Par.*, 1934, 72: 328-42.—**Lewisohn, R.** Destruction of a Murphy button retained in the stomach for 7 years. *Surg. Clin. N. America*, 1929, 10: 765-8.—**Lévy, M., Cottenot & Chérigé.** Le rôle de la position de la gastro-entéro-anastomose dans la genèse des troubles post-opératoires. *Arch. mal. app. digest., Par.*, 1938, 28: 516-9.—**Maassen, R.** Sekundäre Pellagra nach Gastro-Enterostomie (Bi-Komplex-Avitaminose). *Deut. med. Wschr.*, 1938, 64: 1398.—**Melocchi, W.** Le diarree negli operati di gastroenterostomia e di resezione gastrica. *Clin. med. ital.*, 1933, 64: 878-86.—**Meulengracht, E.** [Simple achylie anemia following gastroenterostomy and partial vertical resection] *Ugeskr. laeger*, 1933, 95: 159-63.—**Novaro, R.** La enfermedad gastroenterostomía. *Actas Congr. nac. med., B. Air.* (1931) 1932, 4. Congr., pt 2, 298-301. Also *Dfa méd., B. Air.*, 1929-30, 2: 265.—**Papim, F.** Péri-viscrite diffuse évoluant un an après une gastro-entérostomie pour ulcère et ayant nécessité une seconde intervention. *Bull. Soc. méd. chir. Bordeaux* (1926) 1927, 446-7.—**Pollosson.** A propos des accidents du bouton anastomotique de Jaboulay; lumière dans la gastro-entéro-anastomose antérieure. *Lyon chir.*, 1937, 34: 340-3.—**Pölya, J.** [Motor disorders of stomach after gastroenterostomy and resection] *Orv. hetil.*, 1937, 81: 639-44.—**Puhl, H.** Die anatomischen Grundlagen des Schmerzrezidivs nach Gastrojejunostomie wegen Magendüodenalgeschwürs. *Arch. klin. Chir.*, 1933, 176: 38-85.—**Scheer, A. van der** [Affections due to changes in the motility and secretion of the stomach and duodenum after gastroenterostomy] *Ned. tsschr. geneesk.*, 1935, 79: 431-46.—**Schempp, E.** Serosumkuläre Seidennähte als Quelle von Störungen nach Gastroenteroanastomosen. *Zbl. Chir.*, 1927, 54: 2115-8.—**Schubin, V.** [Post-operative complications and remote sequelae of gastroenterostomy] *Vest. khir.*, 1927, 10: 119-35.—**Shulman, M. S.** [Remote sequelae of aseptic electro-surgical anastomosis and electro-surgical resection of the stomach] *Nov. khir. arkh.*, 1938, 42: 298-301.—**Solé, R., & Acosta, R.** Mal resultado alejado en dos enfermos gastroenterostomizados por úlcera. *Bol. Soc. cir. B. Aires*, 1927, 11: 420-5, 3 pl. Also *Sem. méd., B. Air.*, 1927, 34: pt 2, 456-8.—**Solé, R., Gutiérrez, A., & Ceballos, A.** Mal resultado alejado en dos gastroenteroanastomosados por úlcera del estómago. *Bol. Soc. cir. B. Aires*, 1927, 11: 457-65.—**Stursberg, H.** Eigentümliche Spätfolgen nach Gastroenterostomie, Aufklärung durch abgeänderte Röntgenmahlzeit. *Zbl. Chir.*, 1927, 54: 3260.

Sequelae: Carcinoma.

Giese, K. A. W. *Ueber einen Fall von Karzinombildung in der Gastroenterostomie [Berlin] 17p. 8°. Charlottenb., 1929.

Burje, A. Krebs der gastroenteroanastomotischen Oeffnung. *Zbl. Chir.*, 1935, 62: 2304-8.—**Owen, D. R.** Carcinoma after gastroenterostomy. *Brit. M. J.*, 1926, 1: 825.—**Santy, P.** Epithélioma jéjunal au niveau d'une ancienne bouche de gastro-entérostomie. *Lyon chir.*, 1939, 36: 68-70.—**Tammann, H.** Zur Kenntnis des Karzinoms im Gastro-Enterostomienagen. *Zbl. Chir.*, 1939, 66: 2651.—**Vanier, J.** Le cancer de l'estomac chez les ulcérés gastriques opérés par gastro-entérostomie. *Paris méd.*, 1933, 89: 93-100.

Sequelae: Circulus vitiosus.

Basile, A. La sindrome umorale del circolo vizioso acuto consecutivo a gastroenterostomia. *Arch. ital. chir.*, 1939, 56: 80-115. Also *Arch. Soc. ital. chir.* (1938) 1939, 45: 797.—**Biancheri, T.** Circulus vitiosus tardivo dopo gastroenterostomia posteriore verticale. *Clin. chir.*, Milano, 1931, 34: 196-206.—**Creyssel.** A propos de 2 cas de circulus vitiosus; remarques sur la pathogénie et le traitement. *Lyon méd.*, 1935, 136: 254-8.—**De Lisi, G.** Un caso di circolo vizioso da gravidanza, in donna già sottoposta a gastroenterostomia. *Arch. ostet. gin.*, 1933, 2. ser., 20: 694-7.—**Delore, X., & Brun, M.** Sur la pathogénie et le traitement du circulus vitiosus (après gastroentérostomie). *Rev. chir., Par.*, 1933, 71: 479-84.—**Eggers, H.** Eigenartiger Mechanismus des Circulus vitiosus nach Gastroenterostomia anterior. *Deut. Zschr. Chir.*, 1925, 192: 281.—**Ferrari, R. C.** El circolo vizioso consecutivo a las operaciones de gastroenterostomia. *Bol. Inst. clín. quir., B. Air.*, 1935-36, 11: 72-8. Also *Sem. méd., B. Air.*, 1935, 42: 1342-9.—**Gelderen, C. van** [Circulus vitiosus] *Ned. tsschr. geneesk.*, 1936, 80: 2691.—**Iaritsin, A. A.** [Vicious circle—technical error of gastroenteroanastomy] *Sovet. vrach. J.*, 1937, 2: 293-5.—**Kňazovický, J.** [Clinical and experimental study of circulus vitiosus after gastric operations] *Bratisl. lek. listy*, 1926-27, 6: 196-232, 4 pl.—**Melchior.** Zur Frage des Circulus nach Gastroenterostomie. *Klin. Wschr.*, 1927, 6: 90.—**Michans, J. R.** El llamado circolo vizioso en los operados de estómago. *Prensa méd. argent.*, 1934, 21: 916-28.—**Monselise, A.** Gastro-entero-anastomosi e circolo vizioso cronico. *Gazz. osp.*, 1927, 48: 124; 171.—**Pauchet, V.** El circolo vizioso; cirugía del estómago. *Arch. med., Madr.*, 1925, 21: 289-92.—**Rochet, P., & Pollosson, E.** Circulus vitiosus et péritonite. *Lyon méd.*, 1925, 136: 197-200.—**Le syndrome circulus vitiosus.** *Presse méd.*, 1925, 33: 1220-2.—**Rollet, J.** Un cas de circulus vitiosus. *Lyon méd.*, 1926, 137: 9.—**Segal, A.** [Vicious circle after gastroenterostomy and its treatment] *Sovet. khir.*, 1931, 1: 206-21.—**Torchiana, L.** Sulla fisiopatologia della sindrome circolo vizioso acuto da gastroenterostomia. *Arch. ital. chir.*, 1932, 32: 499-524.

Sequelae: Fistula, and peptic ulcer.

Hoffmann, F. *Erfahrungen über das post-operative Ulcus pepticum jejuni und postoperative Magen-Darmbeschwerden. 30p. 8°. Würzb., 1931.

Ibrahim-Khalil, Mohamed. *Contribution à l'étude des fistules gastro-jéjuno-côliques par ulcère peptique après gastro-entéro-anastomose. 117p. 25cm. Lyon, 1938.

Kotzoglou, P. E. *Ueber Fistula gastro-colica-jejunalis nach Gastroenterostomia-retro-colica posterior. 28p. 8°. Berl., 1927.

Suchmann, I. *Des complications de la gastroentérostomie pour ulcères (cercle vicieux et ulcère peptique exceptés) 219p. 8°. Par., 1936.

Adams, J. W. A case of anastomotic ulcer following gastroenterostomy 4 years previously; transgastric excision and recovery. *Lancet, Lond.*, 1922, 1: 16.—**Agucchi, A.** Ulcera peptica dell'ansa anastomotica insorta immediatamente dopo una gastroenterostomia. *Gior. venet. sc. med.*, 1939, 13: 400-6.—**Alessandri, R.** Ueber das peptische postoperative Jejunalggeschwür nach Gastro-Enterostomie und nach Resektion. *Zbl. Chir.*, 1937, 64: 1394-6.—**Baillis, J., & Folliasson, A.** Difficultés techniques des opérations pour ulcus peptique gastro-jéjunal. *J. méd. fr.*, 1930, 19: 16-21.—**Bufalini, M.** Reinterventi per ulcera peptica recidiva (anastomotica e digiunale). *Clin. chir., Milano*, 1936, n. ser., 11: 48-66.—**Butler d'Ormond, R. de.** Les fistules gastro-jéjuno-côliques après gastro-entérostomie d'après Schoenberger. *J. méd. Paris*, 1925, 44: 1054.—**Cardenal.** Un enfermo resecado de estómago y reoperado; caso de úlcera péptica del intestino delgado perforada en el colon transversal. *An. Acad. nac. med., Madr.* (1935) 1936, 55: 165-70.—**Carter, F. B.** Gastric ulcer after gastro-jejunostomy. *Brit. M. J.*, 1920, 1: 13.—**Casanova Seco, A.** Ulceras yeyunales y gastroyeyunales. *Progr. clín., Madr.*, 1927, 35: 363.—**ChARRIER, J.** Ulcus pepticum d'une bouche de gastroentérostomie antérieure après pylorotomie étroite pour ulcère. *Arch. mal. app. digest., Par.*, 1934, 24: 520-2.

— **Etiologie et traitement de l'ulcère peptique gastro-jéjunal post-opératoire.** *Bull. gén. théor.*, 1934, 185: 148-54.—**Copello, O.** Sobre complicación alejada de una gastro-entérostomia. *Bol. Soc. cir. B. Aires*, 1931, 15: 617; 707-14.—**Corachan Gareia, M.** Ulcera anastomótica. *Rev. Clin. Luis Razetti, Caracas*, 1938, 27-92.—**Creyssel.** Ulcère peptique développé sur une bouche de gastro-gastrostomie pour vieil ulcère méso-gastrique adhérent avec biloculation; résection; guérison. *Lyon méd.*, 1925, 135: 323.—**Daly.** Notes on a case of gastro-jejunal ulcer. *Med. J. S. Africa*, 1919-20, 15: 84.—**Decker, P.** A propos de l'ulcère jéjunal post-gastro-entérostomique. *Mém. Acad. chir., Par.*, 1936, 52: 58-64.

— **Quatre observations d'ulcère jéjunal après gastro-entérostomie.** *Rev. méd. Suisse rom.*, 1936, 56: 185-90.

— **Considérations théoriques à propos de l'ulcère jéjunal post-gastro-entérostomique.** *Schweiz. med. Wschr.*, 1936, 66: 73-6.—**Delore, B., & Girardier, J. de.** De rétrécissement des orifices de gastro-entéro-anastomoses dans les cas d'ulcères gastro-duodénaux. *Presse méd.*, 1930, 28: 299-301.—**Delore, X., Comte, H., & Laisné.** Ulcère peptique avec fistule gastroduodénale après gastro-entéro-anastomose postérieure. *Lyon méd.*, 1926, 137: 463-5.—**Desplas, B.** Un cas d'ulcère peptique du jéjunum après gastro-entérostomie. *Mém. Acad. chir., Par.*, 1938, 64: 1212.—**Drummond, H.** Two rare complications following gastro-enterostomy; perforation of acute peptic ulcer of jejunum. *Newcastle M. J.*, 1922-23, 3: 121-6.—**Edwards, H. C.** Ulceration following gastro-enterostomy. *Lancet, Lond.*, 1934, 2: 1127.—**Fauley, G. B., & Ivy, A. C.** The prevention of postoperative jejunal ulcers by diet and fundusectomy; an experimental study in dogs. *Surg. Gyn. Obst.*, 1936, 63: 717-23.—**Feissly, R.** Evolution d'un ulcère jéjunal après gastro-entérostomie. *Arch. mal. app. digest., Par.*, 1927, 17: 67-71.—**Ferrari, R. C.** A propósito de la resección-exclusión en la úlcera yeyunal post-operatoria. *Bol. Inst. clín. quir., B. Air.*, 1936-37, 12: 35; 228. Also *Sem. méd., B. Air.*, 1936, 43: 654; pt 2, 158.—**Finsterer, H.** Erfahrungen bei über 200 selbst ausgeführten Radikaloperationen wegen Ulcus pepticum jejuni. *Arch. klin. Chir.*, 1937, 189: 597-624 [Discussion] 73.—**Forfota, E., & Korányi, A.** [Gastrointestinal fistulae as late sequelae of gastroenteroanastomosis] *Gyógyászat*, 1935, 75: 649; 668. Also *Zschr. klin. Med.*, 1935, 128: 439-54.—**Forgue, Mourgue-Molines & Turot.** Ulcère peptique après gastro-entérostomie. *Bull. Soc. sc. méd. biol. Montpellier*, 1926-27, 8: 268-74.—**Fowler, L. H., & Hanson, W. A.** Gastrojejunal ulcer following gastro-enterostomy performed 24 years before for pyloric stenosis of infancy. *Minnesota M.*, 1940, 23: 602.—**Freud.** Zur radiologischen Untersuchungsmethodik und Pathologie der Gastroenterostomie nebst einigen Bemerkungen zur Pathogenese und Prophylaxe des Ulcus ventriculi. *Wien. med. Wschr.*, 1918, 68: 430-2.—**Gosset, A., Gutmann, R. A., & Jahiel, R.** Double ulcère peptique sur l'anse éfférente d'une gastro-entérostomie. *Arch. mal. app. digest., Par.*, 1929, 19: 208-10.—**Grasso, R.** Perforazione acuta di ulcera duodenale cronica dopo di gastroenterostomia. *Arch. Soc. ital. chir.*, 1937, 43: 948-50.—**Grilli, A.** Contributo

allo studio clinico-radiologico dell'ulcera peptica post-operatoria. Radiol. med., Milano, 1934, 21: 1361-84.—**Haberer, H.** Resektion zur Ausschaltung und rezidivierenden Jejunulcus. Arch. klin. Chir., 1927, 146: 651-84.—**Heidbreder, W.** Klinische und histologische Untersuchungen zur Frage der peptischen Jejunalgeschwüre bei vorderer Gastroenterostomie und Braunischer Anastomose. Ibid., 1932, 171: 685-700.—**Hinrichsen, H. M.** Ueber gastrocolische Fisteln nach Gastroenterostomie. Ibid., 1932, 171: 149-56.—**Hinton, J. W., & Church, R. E.** The incidence of gastro-jejunal ulcer following gastroenterostomy. Tr. Am. Gastroenter. Ass., 1934, 37: meet., 102-11. Also Am. J. Digest. Dis., 1934-35, 1: 526-36. Also Surg. Gyn. Obst., 1935, 60: 65-73.—**Holman, C. C.** Perforation of gastric ulcer 3½ years after gastro-enterostomy for perforating duodenal ulcer. Brit. M. J., 1931, 1: 978.—**Irgler, U. M.** Ulcers and gastrocolic fistula due to gastro-enterostomy. Belaruss. med. misl, 1927, 3: 139-41.—**Jordan, S. M.** Ulcer of the lesser curvature of the stomach following gastro-enterostomy. Surg. Clin. N. America, 1929, 9: 1425-7.—**Jura, V.** Ulcera perforata del digiuno dopo gastroenterostomia per ulcus simplex duodeni. Bull. Acad. med. Roma, 1927, 53: 131-4.—**Kozut, B., & Stein, E.** Gastroileostomy and gastroileic ulcer. Am. J. Surg., 1936, 33: 263-9.—**Konieczny, G. E.** Misserfolge nach Magenoperationen; Ulcus postoperativum jejuni. Chirurg, 1932, 4: 433-9. Erfahrungen bei der chirurgischen Behandlung des Magen-Duodenumschwüres und operativer Misserfolge bei diesem, besonders des Ulcus postoperativum jejuni. Arch. klin. Chir., 1935, 182: 685-709.—**Koplov, G. E.** [Pathogenesis of pyloric stenosis with peptic jejunal ulcer after gastro-enterostomy] Dniopropet. med. J., 1928, 7: 207-11.—**Kossakovskaja, V. N.** [Peptic ulcer of the small intestine following excision of the stomach according to Billroth II] Nov. khir. arkh., 1939, 43: 303-6.—**Lacecchi, C.** Reintervento per via transgastica nell'ulcera peptica del digiuno consecutiva a gastro-enterostomia. Arch. Soc. ital. chir., 1934, 40: 429.—**Lahey, F. H.** Excision of the stomach for gastrojejunal ulcer. Surg. Clin. N. America, 1928, 8: 35-43. Experiences with postoperative jejunal ulcer and gastrojejunocolic fistula. Tr. Am. Gastroenter. Ass., 1935, 38: meet., 126-30. Also Am. J. Digest. Dis., 1935-36, 2: 673-7. Diagnosis and management of gastrojejunal ulcer and gastrojejunocolic fistula. Surg. Clin. N. America, 1940, 20: 767-80.—**Léplat, J.** Ulcus pepticum jéjunal après gastro-entérostomie au fil de lin: résection. Bull. Soc. chir. Paris, 1928, 20: 666.—**Leriche, R.** Sur la possibilité de la guérison de l'ulcère peptique d'une bouche gastro-jéjunale sans résection gastrique. Bull. Soc. nat. chir., Par., 1929, 55: 558-61.—**Leveuf, J.** Perforation en péritone libre d'un ulcère jéjunal consécutif à une gastro-entérostomie. Ibid., 1926, 52: 409-14.—**Lewisohn, R.** Gastro-jejunal ulcer (2 cases). Med. Rec., N. Y., 1920, 98: 664.—**Loenhard, H.** Ein nahtförmiges Ulcusrezidiv im Magenstumpf nach Billroth II. Zbl. Chir., 1929, 56: 718-21.—**Mallet-Guy, J.** Ulcère jéjunal après gastro-entérostomie; entérectomie et réfection de l'anastomose. Lyon méd., 1933, 151: 658-70.—**Mauvo, M.** Contributo alla diagnosi ed alla cura della fistola gastro-digiuno-colica dopo gastro-enterostomia. Policlinico, 1938, 45: sez. chir., 234-48.—**Nagel, G. W.** Ulcer of the jejunum following gastroenterostomy; report of a case treated by a conservative operation. West. J. Surg., 1932, 40: 659-61.—**Orth, O.** Operatives Vorgehen beim Ulcus pepticum jejuni bei vorderer Gastro-Enterostomie mit Braun'scher Anastomose. Zbl. Chir., 1935, 62: 1056.—**Paolucci, R.** Considerazioni sopra 40 resezioni gastro-duodeno-digiunali per ulcera peptica postoperatoria. Arch. ital. chir., 1938, 53: 428-41.—**Pauchet, V.** Traitement de l'ulcère jéjunal: la gastrectomie subtotale est l'opération de choix. P. verb. Congr. fr. chir., 1926, 35: 247-55. Gastrectomie pour ulcus jéjunal. Ibid., 1931, 40: 252-80.—**Pignatti, A.** Contributo di ventun resezioni per ulcere peptiche postoperatorie. Arch. ital. chir., 1938, 48: 859.—**Pienk, A.** Ueber die Operationsmethoden des Ulcus pepticum jejuni der vorderen Gastroenterostomie. Wien. klin. Wschr., 1935, 48: 1451.—**Pohl, H.** La gastrectomie pour ulcère peptique après gastro-entérostomie. Bruxelles méd., 1934-35, 14: 1481-5.—**Rachet, J.** La surveillance médicale des ulcéreux après la gastro-entérostomie. Bull. gén. théor., 1934, 185: 132-47.—**Riner, J.** Die Gastro-Jejuno-Kolonfistel nach Gastroenterostomie unter besonderer Berücksichtigung der Röntgendiagnose. Schweiz. med. Wschr., 1933, 63: 232; 280.—**San Martín, A. F.** Ulcera péptica del yeyuno; postgastroenterostomía; resección de la úlcera; resección gástrica. Bol. Soc. cir. B. Aires, 1932, 16: 1244-58.—**Sauer, P. K.** Jejunal ulcer following gastroenterostomy; result after 2 years. Am. J. Surg., 1938, 40: 475.—**Serra, A., & Lavenia, V.** Ulcera péptica post-gastro-enteroanastomosis perforata. Sem. méd., B. Air., 1934, 1: pt 2, 1537-9.—**Shipero, R. I.** [Case of peptic ulcer of the stomach 30 years after gastroenterostomy] Nov. khir. arkh., 1938, 42: 208-10.—**Starlinger, F.** Bemerkungen zu H. Schurs Aufsatz: Die Bedeutung der Sekretionsherabsetzung des Magensaftes durch die Antrumresektion für die Verhütung des Entstehens des Ulcus pepticum jejuni. Wien. med. Wschr., 1932, 82: 1515.—**Süssi, L.** Dix-sept cas d'ulcères peptiques du jéjunum après gastro-entérostomie. P. verb. Congr. fr. chir., 1931, 40: 298-301.—**Tabet, J.** Un cas d'ulcère peptique avec calcul de la bouche de gastro-entérostomie. Arch. fr. belg. chir., 1926, 29: 126-35.—**Theodorescu, D.** [Post-operative peptic ulcer (gastroenterostomy)] Rev. san. mil., Bucur., 1929, 28: 173-5.—**Tixier & Corajod.** Deux cas de fistules gastro-jéjuno-coliques par ulcère peptique après gastro-entéro-anastomose. Lyon

chir., 1937, 34: 742-9.—**Townsend, E. M., & Hammond, W. W.** Gastrojeuno-colic fistula following gastro-enterostomy. Hosp. News, Wash., 1935, 2: 12; 26-31.—**Urrutia, L.** Ulcera péptica del yeyuno consecutiva a la gastroenterostomía. Siglo méd., 1917, 64: 427; 449; 470.—**Venables, J. F., & Jones, J. G.** Total gastrectomy for jejunal ulcer after 3 perforations. Guy's Hosp. Rep., Lond., 1939, 89: 47-53.—**Vervloet, C. G.** [Case of gastroenterostomy for gastric ulcer; return of ulcer, excision] Ned. tschr. geneesk., 1928, 72: 743.—**Viannay, C.** Un cas d'ulcère peptique du jéjunum traité par la résection de l'ulcère combinée à la dégastréostomisation; guérison. Loire méd., 1931, 45: 97-103.—**Walters, W., & Clagett, O. T.** Gastrojejunal ulcer; a study of 155 cases. Am. J. Surg., 1939, 46: 83-93.—**Zoeppfel, H.** Die Magenresektion als II. Operation, insbesondere bei Ulcus postoperativum jejuni und nach früherer Operation wegen Ulcus perforatum. Deut. Zschr. Chir., 1936-37, 248: 224-31.

Sequelae: Invagination, obliteration, stenosis.

AMUSER, J. *Ueber einen Fall von Strangileus nach G. E. 25p. 8°. Bonn, 1927.

COLLET, M. *Sur une complication de la gastro-entéro-anastomose; la sténose transitoire de la bouche. 75p. 8°. Lyon, 1934.

DORVAL, L. *Contribution à l'étude des sténoses du grêle après gastro-entérostomie. 72p. 8°. Par., 1934.

HELLRIEGEL, M. *Ueber zwei Fälle von Darmverschluss nach vorderer Gastroenterostomie [Heidelberg] 35p. 8°. Heppenheim, 1933.

PICARDA, J. A. *Contribution à l'étude radiologique de quelques troubles rares du transit grêle après gastroentérostomie. 70p. 8°. Par., 1930.

WELTI, H. *Une cause peu connue d'échec après la gastro-entérostomie; les sténoses chroniques incomplètes sous-vatériennes du duodénum. 82p. 8°. Par., 1926.

Angerer, A. Invagination nach Gastroenterostomie. Zbl. Chir., 1932, 59: 1572-4.—**Baumgartner, W.** Invagination der abführenden Jejunumschlinge in die Braun'sche Anastomose nach vorderer Billroth II-Resektion. Ibid., 1938, 65: 1907-9.—**Bernay, P., & Peycelon, R.** Sur une complication de la gastro-entéroanastomose: la sténose transitoire de la bouche. Arch. mal. app. digest., Par., 1933, 23: 801-7.—**Bettman, H. B., & Baldwin, R. S.** Retrograde intussusception of jejunum: a complication of gastro-enterostomy. J. Am. M. Ass., 1933, 100: 1228.—**Burianek, B.** [Cases of retrograde invagination of the jejunum after gastro-enterostomy] Cas. lék. česk., 1929, 68: 483-91.—**Charbonnel, V.** Vomissements bilieux émetifs après gastro-entérostomie; sténoses duodénales basses après gastro. Bordeaux chir., 1933, 4: 416-9.—**Chiari, O. M.** Darmverschluss nach Ablösung einer Gastroenterostomieschlinge. Zbl. Chir., 1926, 53: 514-7.—**Drummond, H.** Two rare complications following gastro-enterostomy; retrograde intussusception of small bowel into stomach. Newcastle M. J., 1922-23, 3: 121-6.—**Einhorn, M.** Die Behandlung des akuten Magenileus nach Gastroenterostomie mit der Duodenalsonde. Arch. Verdauungskr., 1930, 47: 60-5.—**Fairchild, F. R.** The mechanical factors relating to obstruction following gastro-enterostomy. Tr. West. Surg. Ass. (1929) 1930, 39: 93-112. Also California West. M., 1930, 33: 860-7.—**Fiorentini, A.** L'ileo da invaginazione retrograda dopo la gastroenterostomia. Policlinico, 1926, 33: sez. chir., 456-68.—**Gardaz, E.** De l'invagination jéjuno-gastrique après gastroenterostomie. Schweiz. med. Wschr., 1936, 66: 251.—**Guítez, A.** Complicaciones consecutivas a la gastroenterostomía; oclusión intestinal por desprendimiento de la anastomosis de la brecha mesocólica; hernias inter meso-colo-yeyunales. Arch. med., Madr., 1925, 19: 5-11.—**Gutmann, R. A., & Jobin, P.** L'invagination des anses dans la bouche de gastro-entérostomie. Presse méd., 1937, 45: 923-5.—**Hautefort, L.** Occlusion du grêle à la suite d'une gastro-entérostomie postérieure. Bull. Soc. chir. Paris, 1931, 23: 105-7.—**Herbert, G.** Intussusception of the bowel into the stomach following gastro-enterostomy. Lancet, Lond., 1932, 2: 1215.—**Hofmann, A.** Ileus bei vorderer Gastro-Enterostomie. Zbl. Chir., 1937, 64: 691.—**Kopp, J. G.** [Retrograde intussusception after gastro-enterostomy] Ned. tschr. geneesk., 1925, 69: 1709-18. Also Lyon chir., 1925, 22: 664-77.—**Kraas, E.** Rezidivierende Obliteration der Gastro-Enterostomie nach Magenresektion. Zbl. Chir., 1939, 66: 1938-41.—**Kramarenko, E. I.** [Classification of invaginations following gastro-enterostomy with presentation of cases] Nov. khir. arkh., 1938, 41: 397-401.—**Landivar, A. F., Iparraguirre, C. L., & Bosch, G.** Complicación alejada de una gastroenterostomía; yeyunitis ulcerosa y estenosis del ansa eferente. Día méd., B. Air., 1931-32, 4: 201.—**Leclerc, F. P.** Incarcération rétro-anastomotique du grêle après gastro-entéro-anastomose. Lyon chir., 1939, 36: 369-71.—**Ledoux-Lebard, R., & Garcia,**

- Calderon, J. Le radio-diagnostic de l'invagination jéjuno-gastrique après gastro-entérostomie. Arch. mal. app. digest., Par., 1933, 23: 533-41.—**Losert, J.** Ein Fall von Invagination ileus nach hinterer Gastroenterostomie. Beitr. klin. Chir., 1927, 140: 308-13.—**Moiroud, Salmon & Bouillon.** Sur une forme exceptionnelle d'étranglement interne après gastro-entérostomie. Mém. Acad. chir., Par., 1938, 64: 1153-64.—**Molodaia, E. K.** [Recurrent stenosis of gastro-enterostomy pyloric valve] Russ. klin., 1927, 7: 576-83.—**Moura, P., & Brito, J. A. de.** Estreitamento da boca da gastroenterostomia; ulcera duodenal; gastro-pilorectomia. Rev. brasil. med., 1931, 7: 107-18.—**Otero, J. P.** Invaginación de una ansa eferente de gastroenterostomia. Arch. urug. méd., 1937, 10: 74-89.—**Pellegrini, A.** Invaginazione dell'intestino nello stomaco consecutiva a gastro-enterostomia. Arch. Soc. ital. chir., 1930, 36: 1081-4.—**Peycelon & Bernay.** Obliteration cicatricielle d'une bouche de gastro-enterostomie. Lyon méd., 1933, 152: 297-301.—**Pototschnig, G.** Sulle stenosi della bocca anastomotica dopo resezione gastro-duodenale. Clin. chir., Milano, 1931, 34: 255-61.—**Roche, P.** Etranglement du grêle derrière une anse de gastro-entérostomie. Lyon chir., 1939, 36: 366-8.—**Rohde, O.** Ueber aufsteigende Dünndarminvagination nach Gastroenterostomie. Acta chir. scand., 1925, 58: 105-14.—**Ruppanner.** Invagination ileus nach Gastroenterostomie. Schweiz. med. Wschr., 1929, 59: 1237.—**Sibley, W. L.** Chronic intermittent intussusception through the stoma of a previous gastro-enterostomy. Proc. Mayo Clin., 1934, 9: 364.—**Slaney, J. G.** Jejunal obstruction following posterior gastro-enterostomy. Med. Bull. Veterans Admin., 1939-40, 16: 178-80.—**Sokolov, S.** Zur Frage der Möglichkeit einer Einklemmung hinter der zuführenden Schlinge nach Gastroenterostomie. Beitr. klin. Chir., 1925, 134: 136-44.—**Stepanova, E. N.** Retrograde invagination of the small intestine into the stomach following gastroenterostomy. Khirurgia, Moskva, 1937, No. 7, 144-6.—**Stohr, R.** Beitrag zur Dünndarm-einklemmung nach hinterer Gastroenterostomie. Zbl. Chir., 1927, 54: 978-82.—**Tierney, A.** Invagination de la muqueuse gastrique dans l'anastomose gastro-jéjunale, après gastrectomie. Bull. Soc. nat. chir., Par., 1935, 61: 820-5.—**Tixier, M., & Arnulf, G.** Accident mortel consécutif à l'arrêt dans l'iléaque d'un bouton anastomotique de gastro-entéro-anastomose. Lyon chir., 1937, 34: 356-8.—**Tuomikoski, V.** Ueber die aufsteigende Dünndarminvagination nach der Gastroenterostomie. Acta Soc. med. Duodecim, 1931, 15: ser. B, No. 10, 1-30.—**Viannay.** Un cas d'occlusion intestinale de cause rare après gastro-entérostomie. Loire méd., 1927, 41: 475-80.—**White, F. W., & Jankelson, I. R.** Late intussusception of the bowel occurring within the stomach after gastro-enterostomy. Tr. Am. Gastroenter. Ass. (1928) 1929, 31: 219-31.—**Winkelbauer, A.** Zur Aetiologie der inneren Einklemmung nach der Gastroenterostomie. Zbl. Chir., 1926, 53: 2642-7.—**Winterstein, O.** Totale, spontane Obliteration einer Gastroenterostomie. Chirurg, 1939, 11: 190-3.

— Sequelae: Treatment.

DIVERRES, J. D. C. M. *Contribution à l'étude de la gastrectomie large après gastro-entérostomie. 63p. 8°. Par., 1937

Balfour, D. C. The sequelae of gastroenterostomy; the indications for disconnecting the anastomosis and the technic of the operation. Tr. Am. Surg. Ass., 1925, 43: 8-21. Also Ann. Surg., 1925, 82: 421-35.—**Bass, M.** Experimentelle und klinische Untersuchungen mit einer vereinfachten Methode der De-Gastroenterostomie (beziehungsweise De-Gastrocolostomie) beim Ulcus pepticum jejuni und der Fistula gastroduodenalis nach dem Verfahren von Hesse. Arch. klin. Chir., 1932, 172: 226-39.—**Bertrand, P., Etienne-Martin & Arnulf.** Ulcère du pylore; gastro-entéro-anastomose; ulcère peptique 19 mois après; syndrome d'hémorragie grave avec méloena et hématémèses; gastrectomie; résection de l'ulcère peptique. Lyon méd., 1933, 30: 748.—**Bohmansson, G.** On secondary resections of the stomach in diseased conditions after gastro-enterostomy. Acta chir. scand., 1927, 62: 86-104.—**Culligan, L. C.** Jejunosomy in malfunctioning gastroenterostomy. Med. Bull. Veterans Admin., 1937-38, 14: 172.—**Denis, R.** Gastrectomies pour échecs de gastro-entéro-anastomoses. Lyon chir., 1937, 34: 443-8.—**Donovan, H.** Jejunotomy and Witzel's operation in the treatment of vicious circle vomiting. Brit. M. J., 1932, 1: 609.—**Gelderen, C. van** [Gastro-enterostomy in gastro-jejunal ulcer, followed by palliative resection] Ned. tsschr. geneesk., 1939, 83: 2189-94, 4 pl.—**Giordano, D.** Nuove e diverse insorgenze morbose e nuovi interventi in antichi operati di gastroenterostomia. Rass. clin. sc., 1934, 12: 411-6.—**Gironcoli, F. de.** Zur Magenresektion bei Ulcus pepticum postoperativum. Zbl. Chir., 1930, 57: 25.—**Goedecke, R.** Resektionen nach Gastro-Enterostomien. Fortsch. Ther., 1927, 3: 390-3.—**Hilarowicz, H.** Zur Frage der sogenannten Degastroenterostomisation. Zbl. Chir., 1929, 56: 1551-5.—**Hortolomei, N.** Dé gastro-entérostomie avec ou sans gastro-duodénecomie ou antro-duodénecomie. Rev. chir., Par., 1937, 56: 19-30.—**Jansen, H.** Einige Bemerkungen zur Degastroenterostomie. Arch. klin. Chir., 1928, 151: 706-11.—**Pauchet, V.** La dé gastro-entérostomisation; suppression d'une anastomose gastro-jéjunale. Presse méd., 1925, 33: 1012. Also Irish J. M. Sc., 1926, 6, ser., 124-7. — Que faire aux anciens gastro-entérostomisés non guéris? Clinique, 1928, 23: 331-40.—**Ryzhov, P. V.** [Remote sequels of degastroentero-

anastomosis] Nov. khir. arkh., 1938, 41: 67-70.—**Santy & Soustelle.** Les gastrectomies pour échecs de la gastro-entérostomie dans les ulcères de l'estomac. Lyon chir., 1937, 34: 439-43.—**Schneider, E.** Die Behandlung des Gastro-Enterostomieerfolges bei den Nachresektionen des Magens. Zbl. Chir., 1939, 66: 295-7.—**Sénèque, J.** Quelques échecs de la gastro-entérostomie traités par dé gastro-entérostomie et gastrectomie en un temps. J. chir., Par., 1939, 53: 14-29.—**Solé, R.** La antrectomia como tratamiento de ciertos resultados deficientes de la gastroenteroanastomosis. Sem. méd., B. Air., 1928, 35: pt 2, 445-57. Also Bol. Soc. cir. B. Aires, 1928, 12: 357-65, 4 pl. Also Actas Congr. nac. cir., B. Air., 1930, 2. Congr., 2: 1150-62, 20 pl.—**Thalheimer, M.** De la dé gastro-entérostomisation. J. chir., Par., 1927, 30: 385-93.—**Tissot, R.** Réinterventions sur l'estomac après gastro-entéroanastomose. Lyon méd., 1940, 164: 3-6.—**Valle, D., del hijo, & Donovan, R.** Antrectomia en trastornos post-gastroenterostomia: 2 observaciones. Bol. Soc. cir. B. Aires, 1928, 12: 689-99, 2 pl. Also Sem. méd., B. Air., 1928, 35: pt 2, 1477-83.

GASTROEPIPLOIC artery.

Budde, M. Operativ geheilte Spontanruptur der Arteria gastropiploica sinistra. Münch. med. Wschr., 1925, 72: 1383.—**Eichelter, G., & Knoßlach, J. G.** Rupturierter mykotischer Aneurysma der Arteria gastropiploica dextra. Deut. Zschr. Chir., 1926, 198: 416-24.—**Pallasse & Regad.** Anévrysme de l'artère gastro-épiploïque droite. Lyon méd., 1929, 143: 38-41.

GASTROILEOSTOMY.

See also Gastroenterostomy, Method.

Brohée, G. L'exclusion presque totale du grêle est-elle compatible avec la vie? un cas d'anastomose de l'estomac dans l'iléon à 15 centimètres du cœcum. Bruxelles méd., 1928-29, 9: 685-7.—**Galpern, J.** Ueber einen Fall von Gastroileostomie. Zbl. Chir., 1927, 54: 144.—**Wilbur, D. L., & Rivers, A. B.** The syndrome of gastro-ileostomy and gastro-ileac ulcer. Proc. Mayo Clin., 1931, 6: 365-7.

GASTROINTESTINAL tract.

See also Colon; Digestive tract; Duodenum; Ileum; Intestines; Jejunum; Pylorus; Rectum; Sigmoid; Stomach; Viscera.

EUTERMAN, G. B., & BALFOUR, D. C. The stomach and duodenum. 958p. 8°. Phila., 1936.

SCHÄPPI, E. *Magen und Darm des Wildschweines; Beitrag zur makroskopischen Anatomie von Sus scrofa L. und zum Domestikationsproblem [Zürich] p.326-63. 8°. Berl., 1931.

Also Zschr. ges. Anat., 1. Abt., 1931, 95:

SHERREN, J. The stomach and duodenum. p.314-436. 8°. N. Y., 1923.

In Choyce's System of Surg., N. Y., 1923, 2:

WETZEL, G. Der Magendarmschlauch mit Anhangsdrüsen. p.761-834. 26cm. Münch., 1938.

Clara, M. Ueber den Bau des Magen-Darmkanals bei den Amseln (Turdidae) Zschr. ges. Anat., 1. Abt., 1933-34, 102: 718-71.—**Franz, V.** Das Darmsystem der Acanthier. In Handb. vergl. Anat. (Bolk, L. [et al.] Berl., 1937, 3: 1-16.—**Fretter, V.** The structure and function of the alimentary canal of some Teetibranch molluscs, with a note on excretion. Tr. R. Soc. Edinburgh, 1938-39, 59: 599-646.—**Hardisty, R. H. M.** Note on the position of the stomach and large intestine in normal persons and in those with symptoms. Tr. Am. Gastroenter. Ass. (1924) 1925, 27: 12-20, 3 pl.—**Myles, R. B.** Anatomical variations of the stomach and duodenum within the abdominal cavity. Brit. J. Radiol., 1937, 10: 237-60.—**Ramond, F., & Gorse, J.** La circulation lymphatique gastro-duodénale. Gaz. méd. France, 1935, 42: gastr. No. 12, 13-5.

— Abnormity.

Aird, I. Notes on the surgery of the newborn; the foetal atresiae. Edinburgh M. J., 1939, 46: 174-84.—**Antonov, A.** Zur Frage der Entstehungs- und Bildungsweise angeborener Verengungen und Verschlüsse im Magendarmschlauch. Virchows Arch., 1930-31, 279: 740-52.—**Brody, H.** Ruptured diverticulum of the stomach in a newborn infant, associated with congenital membrane occluding the duodenum. Arch. Path., Chic., 1940, 29: 125-8.—**Ladd, W. E., & Gross, R. E.** Surgical treatment of duplications of the alimentary tract; enterogenous cysts, enteric cysts, or ileum duplication. Surg. Gyn. Obst., 1940, 70: 295-307. Also repr.—**LeMecurier, A. B., & Tisdall, F. F.** A report of a case of congenital malformation of the gastro-intestinal tract. Canad. M. Ass. J., 1928, 18: 576-9.—**Simpson, J. K.** Congenital anomalies of the gastro-intestinal tract causing obstruction. South. Surgeon, 1935, 4: 379-92.—**Sloov, J.** [Roentgen examination of an infant with congenital deviation of the stomach and intestinal tract] Mschr.,

kindergeneesk., 1935, 4: 507, 4 pl.—Strickler, C. W. Congenital bands and adhesions; symptomatology and treatment. *Rev. Gastroenter.*, 1940, 7: 124-32.—Valdes, U. Estómago bilocular y estenosis duodenal (relación de un caso) *Gac. méd. México*, 1928, 59: 513-20, 6 pl.

Achalasia.

Beams, A. J. Nitrites in spasmodic conditions of gastrointestinal tract. *J. Am. M. Ass.*, 1931, 97: 907-10. Also repr.—Bork, K. Reflektorisch bedingte Spasmen an Magen und Darm. *Med. Welt*, 1930, 4: 1508.—Lehmann, W. Die Aetiologie der sogenannten spastischen Erkrankungen des Magen-Darmkanals (Pylorospasmus, Kardiospasmus, Hirschsprungsche Krankheit) *Beitr. klin. Chir.*, 1930-31, 151: 395-470.—Myerson, A., & Ritvo, M. Benzdrine sulfate and its value in spasm of the gastro-intestinal tract. *J. Am. M. Ass.*, 1936, 107: 24-6, 7 pl.—Telford, E. D., & Simmons, H. T. Treatment of gastro-intestinal achalasia by spinal anaesthesia. *Brit. M. J.*, 1939, 2: 1224-6.

Allergy.

See Allergy, gastrointestinal.

Atonia, and stasis.

Anzilotti. Sulla cura di alcune lesioni che producono stasi nel tubo gastro-enterico. *Ann. ital. chir.*, 1925, 4: 1191.—Golenberg, A. D. [Rhythmic faradization as method of treatment of atonic states of the stomach and intestinal tract] *Sovet. vrach. J.*, 1936, 1: 1731.—Lickint, F. Ein Skale-Pilokarpin-Strychnin-Mischpulver zur Behandlung von Magen-Darm-Atonien. *Münch. med. Wschr.*, 1934, 81: 1383.—Martinet, A. Stase gastro-duodénale et déubitus latéral droit. *Presse méd.*, 1911, 19: 750.—Meisels, E. [Acute atonia of the stomach and duodenum] *Polski przegl. radiol.*, 1938, 13: 203.—Meyer, E. Atonie des Magens und Darms bei Unterfunktion des Hypophysenvorderlappens. *Med. Klin., Berl.*, 1938, 34: 296.—Pick, A. Ueber Magen- und Darmatonie. *Wien. med. Wschr.*, 1925, 75: 2745; 2801; 2861.—Toman, R. V. [Gastric and intestinal atonia in large domestic animals] *Tschr. diergeneesk.*, 1937, 64: 217-20.—Wiltafsky, E. Beitrag zur Kasuistik der Atonia gastro-duodenalis acuta (Melchior) *Med. Klin., Berl.*, 1930, 26: 808.

Bacterial flora.

See also Feces; Gastric juice, Bactericide power; Intestines, Bacteriology.

Baumatz, S. *Ueber den Bakteriengehalt des Magens und des Dünndarms vom gesunden Meerschweinchen. p.191-202. 8° Zür., 1925. Also *Zbl. Bakt.*, 1. Abt., 95:

Hammann, W. *Ueber das Vorkommen virulenter Tetanusbazillen im Magendarmkanal auf Grund von Beobachtungen nach Magenoperationen. 19p. 8° Würzb., 1926.

Roth, E. *Ueber die Verteilung und Ausscheidung von verführten oder eingespritzten Bakterien in Magen und Dünndarm; Versuche an Meerschweinchen. 24p. 8° Zür., 1926.

Appelmans, R., & Vassiliadis, P. Etude sur la flore microbienne des ulcères gastro-duodénaux et des cancers gastriques. *Rev. belge sc. méd.*, 1932, 4: 198-203.—Arnold, L. The normal bactericidal mechanism of the gastro-intestinal tract. *Tr. Chicago Path. Soc.*, 1923-27, 12: 310. — An experimental method for the study of the bacterial flora and the hydrogen-ion concentration of the gastro-intestinal tract. *Ibid.*, 219. Also *J. Infect. Dis.*, 1926, 38: 246-8. — The bacterial flora within the stomach and small intestine; the effect of experimental alterations of acid-base balance and of the age of the subject. *Am. J. M. Sc.*, 1933, 186: 471-80. — & Brody, L. Influence of effective temperature upon bactericidal action of gastro-intestinal tract. *Proc. Soc. Exp. Biol., N. Y.*, 1926-27, 24: 832.—Bitter, L., & Löhr, W. Zur Bakteriologie des Magens und der oberen Darmabschnitte bei chirurgischen Magenkrankungen (beim Magen-Duodenalulcus, Magencarcinom usw.) *Arch. klin. Chir.*, 1926, 139: 64-105.—Castro Margal, J. M. de. A flora microbiana intestinal e a desinfeção biológica pelos fermentos lácticos; mecanismo da ação dos germes benéficos, na defesa do aparelho gastro-intestinal. *Fol. med.*, Rio, 1939, 20: 6-9.—Furby, S. F., & Arnold, L. Influence of gastric acid secretion upon the bactericidal power of the gastro-intestinal tract. *Proc. Soc. Exp. Biol., N. Y.*, 1930-31, 28: 372-4.—Garely de la Cámara. Bacterioscopia en el contenido gástrico y en las heces en los niños. *Med. ibera*, 1934, 28: 859.—Gosselin, O. L'invasion microbienne du tractus digestif du foetus au cours du travail. *Liège méd.*, 1939, 32: 844-8.—Henning, N. Die Bedeutung des Antrum pylori für die Erhaltung der Keimarmut in den oberen Verdauungswegen. *Klin. Wschr.*, 1931, 10: 692-4.—Kendall, A. I. Bacteriology of the gastro-intestinal tract. In *Pract. Pediat.* (Brennemann, J.) Hagerstown, 1937, 1: chap. 21, 14.—Pfaffenberg, R. Anaerobier im Magen und Duodenum. *Zschr. klin. Med.*, 1936-37, 131: 494-9.—Porter, J. R., & Rettger, L. F. Influence of diet

on the distribution of bacteria in the stomach, small intestine and cecum of the white rat. *J. Infect. Dis.*, 1940, 66: 104-10.—Reichel, H. Die keimwidrigen Kräfte im Magen-Darm-Kanal. *Jahrb. Kinderh.*, 1930, 3. F., 79: 127-42.—Ryan, V., & Arnold, L. Dissociation of yeast and bacteria within the stomach and duodenum. *Proc. Soc. Exp. Biol., N. Y.*, 1932, 29: 899.—Seeber, F. Untersuchungen über den abnormen Keimgehalt des Magens und Duodenums. *Deut. Arch. klin. Med.*, 192, 164: 340-9.—Valdoni, P. La flora microbica dello stomaco e del digiuno in rapporto all'affezione e alle complicazioni post-operatorie. *Arch. Soc. ital. chir.*, 1929, 35: 759-78.

Cancer.

Münich, J. *Untersuchungen über Häufigkeit und Vorkommen von Magen- und Mastdarmkarzinomen aus der Straubinger Gegend; ein lokalstatistischer Beitrag zur Erforschung des Karzinoms [München] 36p. 21cm. Speyer, 1938.

Obermayer, F. *Primär multiple Carcinome des Magen-Darmkanals bei Polyposis [München] 12p. 8° Günzb., 1935.

Schmeer, A. *Ueber multiple, primäre Carcinome im Magendarmkanal nebst einem Fall von metachromem Doppelkrebs des Rectums und Magens. 43p. 8° Königsb., 1933.

Stoltze, E. *Ueber Zusammenhänge zwischen Erkrankungen des Gebisses und Magen-Darmkrebs [Halle-Wittenberg] 24p. 21cm. Erfurt, 1938.

Tasche, F. W. *Zur Frage der Beeinflussung der alimentären glykämischen Reaktion durch das Carcinom (unter besonderer Berücksichtigung des Magen-Darm-Carcinoms) [Berlin] 88p. 8° Charlottenb., 1934.

Vogel, H. C. *Krankheitsdauer, Metastasierung und Operabilität der Carcinome des Verdauungstrakts (auf Grund von 855 Magen-Darm-Carcinomen der Leipziger Chirurgischen Klinik (1929-33)) [Leipzig] 31p. 8° Würzb., 1935.

Appelmans, R., & Vassiliadis, P. Flore microbienne des ulcères et cancers gastroduodénaux. *C. rend. Soc. biol.*, 1932, 109: 551.—Baggio, G. I risultati chirurgici sul cancro dello stomaco e sul cancro del retto. *Cult. med. mod., Pal.*, 1928, 7: 738-43. Also *Gazz. med. lombard.*, 1928, 87: 282-6. Also *Riforma med.*, 1928, 44: 1459-70.—Beardsley, E. Case of a scirrhous tumour in the pylorus, mesentery, and intestines; read before N. H. Med. Soc., 1787. *Yale J. Biol.*, 1934, 6: 52-4.—Biederman, M. Diagnosis and treatment of cancer of the gastrointestinal tract. *Med. Rec., N. Y.*, 1938, 147: 489-92.—Black, S. O. Cancer of the gastro-intestinal tract below the diaphragm. *Virginia M. Month.*, 1926-27, 53: 184-6.—Boas, I. Ueber die Frühdiagnose und Vordiagnose des Magen- und Darmcarcinoms. *Med. Klin., Berl.*, 1930, 26: 739-802. — Early and tentative diagnosis of gastro-intestinal carcinoma. *Am. J. Cancer Res.*, 1931, 15: 1586-9.—Buchstab, L. B. [Early diagnosis of cancer of the stomach and intestines] *Vrach. delo*, 1931, 14: 315-9.—Bull, P. Sur 2 cas de cancer du colon et de l'estomac observés sur deux frères. *Bull. Soc. nat. chir., Par.*, 1932, 58: 1338-43.—Burgess, A. H. Cancer of the gastro-intestinal tract. *Brit. M. J.*, 1927, 1: 1-15.—Cain, A., & Tran-Nhu-Lan. Un cas de limite gastro-intestinale avec métastases ovariennes et péricardiques. *Arch. mal. app. digest.*, Par., 1928, 18: 790-801.—Cancer of the digestive tract. *Med. Times, N. Y.*, 1940, 68: 127-9.—Cheever, D. Carcinoma of the gastro-intestinal tract. *N. England J. M.*, 1930, 202: 158-62.—Cross, K. S. Radiological examination of stomach and duodenum with special reference to the early diagnosis of cancer. *Brit. M. J.*, 1936, 1: 353-7.—Demel, R. Diagnose des Krebses des Magen-Darmtraktes (mit Einschluss moderner Hilfsmittel) *Wien. med. Wschr.*, 1934, 84: 257-60.—Devlin, F. Gastro-intestinal cancer diagnosis by radiology. *J. M. Soc. N. Jersey*, 1926, 23: 397.—Donati, M. Criteri di diagnosi e cura dei carcinomi gastro-intestinali. *Osp. maggiore, Milano*, 1933, 21: 453-60.—Dunn, G. W. A survey of gastro-intestinal malignancies [at New Britain General Hospital] during period from 1938-39. *J. Connecticut M. Soc.*, 1939, 3: 414-6.—Earl, G. Early gastro-intestinal carcinoma. *Minnesota M.*, 1940, 23: 226-30.—Eggers, C. Cancer of the gastrointestinal canal. *Bull. N. York Acad. M.*, 1938, 14: 325-48. — Carcinoma of the gastro-intestinal tract. *Med. Today*, 1938, 1: 41-3.—Eisen, D. The anaemia of cancer of the gastro-intestinal tract; based on a study of 187 cases. *Canad. M. Ass. J.*, 1927, 17: 307-13.—Feyrter, F. Zur Frage der Karzinome. *Verh. Deut. path. Ges.*, 1931, 26: 286-89 [Discussion] 296-9.—Finsterer, H. Spätrezidiv oder Neuerkrankung nach Resektion von Magen- und Dickdarmkrebs. *Wien. med. Wschr.*, 1929, 79: 645-52.—Fortney, A. C. Cancer of the gastro-intestinal tract in young adults. *J. Lancet*, 1935, 55: 381-8.—Gabridzhanian,

G. A. [Fistula in various parts of the digestive tract caused by cancer] Vest. khir., 1931, 24: 242-5.—Gallart Monés, F. Normas directrices para el diagnóstico y tratamiento precoz del cáncer gástrico e intestinal. An. Hosp. S. Cruz, Barcel., 1932, 6: 320-2.—Geschickter, C. F. The A-B-C of cancer: tumors of the gastro-intestinal tract. Clin. M. & S., 1935, 42: 381; 438.—Ghormley, R. K., & Valls, J. E. Metastasis to bone from carcinoma of the gastro-intestinal tract. Collect. Papers Mayo Clin., 1938, 30: 739-43.—Hamperl, H. Ueber erworbene Heterotopien ortsfremden Epithels im Magen-Darmtrakt. Beitr. path. Anat., 1928, 80: 307-35.—Hayer, Die Strahlenbehandlung der Krebse des Magens und der in das Duodenum ausschleissenden grossen Drüsen. Med. Klin., Berl., 1936, 32: 1733-6.—Heiberg, B. [Case of gastro-duodenal carcinoma] Hospitals-tidende, 1937, 80: 881-3.—Hess Thaysen, T. E. Die Frühdiagnose des Krebses im Magen-Darmkanal. Zschr. ärztl. Fortbild., 1927, 24: 717-24. Also Ugeskr. læger, 1926, 88: 993-9.—Hiraishi, K. Ueber die epitheliale Reaktion in der Umgebung der Magen- und Darmkrebse. Tr. Soc. path. jap., 1935, 25: 756-60.—Horsley, J. S. The Jerome Cochran lecture: cancer of the stomach and colon. J. M. Ass. Alabama, 1933, 2: 419-26. — Cancer of the stomach and intestines. South. M. & S., 1935, 97: 181. — Some observations on cancer of the gastro-intestinal tract. Surgery, 1937, 1: 722-9.—Hughes, E. C. Carcinoma of the stomach and intestines. Practitioner, Lond., 1937, 138: 129-38.—Jelks, E. Some points in early diagnosis of gastro-intestinal cancer. South. M. J., 1935, 28: 446-50. Also South. Surgeon, 1937, 6: 299-304.—Jones, R. D., Jr. Leiomyoma of the gastro-intestinal tract; a report of 2 cases. Virginia M. Month., 1935-36, 62: 150-5.—Kraus, O. Beobachtungen bei Carcinomen des Magendarmkanals. Med. Klin., Berl., 1929, 25: 466-8.—Krause, P. Kritischer Bericht über die Grundlagen und Erfahrungen mit der Röntgentherapie bei Karzinomen des Magen- und Darmkanals. Strahlentherapie, 1933, 47: 125-36.—La Manna, S. I. carcinoidi gastro-intestinali. Tumori, Milano, 1938, 24: 381-406. — Istogenesi dei carcinoidi gastro-intestinali. Ibid., 532-53.—Lauche, A. Die Heterotopien des ortshörigen Epithels im Bereich des Verdauungskanales. Virchows Arch., 1924, 252: 39-83.—Lipshutz, B. Precancerous lesions of the gastro-intestinal tract. Med. J. N. Y., 1933, 137: 110-5.—Lund, F. B. Carcinoma of the stomach and intestine. N. England J. M., 1930, 202: 165.—Lustig, B. Ernährung, Darmflora und Karzinom. Med. Klin., Berl., 1937, 33: 1713-7.—McKinney, J. T. Gastro-intestinal malignancies: X-ray findings. South. M. J., 1936, 29: 351-6.—Maingot, R. Primary carcinomas of the stomach and sigmoid colon occurring simultaneously. Brit. M. J., 1938, 1: 118.—Meulengracht, E., & Jensen, J. Serial examinations of the feces for occult blood in gastric and intestinal cancer. J. Am. M. Ass., 1929, 92: 697.—Mixer, C. G. The value of palliative surgical therapy in advanced carcinoma of the gastro-intestinal tract. N. England J. M., 1938, 219: 740-2.—Pemberton, J. de J., & Waugh, J. M. Primary carcinomas of the stomach and sigmoid flexure occurring simultaneously in the same individual. Surgery, 1937, 2: 211-4.—Pfeiffer, D. Cancer of gastro-intestinal tract. Week. Roster, Phila., 1935-36, 31: 1423.—Raiford, T. S. Carcinoid tumors of the gastro-intestinal tract (so-called argentaffine tumors) Am. J. Cancer, 1933, 18: 803-33. — Mucoid carcinoma of the gastro-intestinal tract, so-called colloid cancer. Surg. Gyn. Obst., 1932, 55: 409.—Rheume, P. Z. Quelques problèmes relatifs au cancer et à l'ulcère gastro-duodénaux. Union méd. Canada, 1933, 62: 18-28.—Risley, E. H. Cancer of the gastro-intestinal tract. Maine M. J., 1936, 27: 200-4.—Rogers, H. Cancer of the gastro-intestinal tract. Am. J. Cancer, 1934, 21: 653.—Sarmiento Laspiur, R. Cirugía del cáncer de estómago e intestino. Bol. Inst. med. exp. cáncer, B. Air., 1934, 11: 931-7.—Schouten, D. E. [Value of the benzidin reaction and examination of the feces for haemato-porphyrin in the diagnosis of gastric and intestinal cancer] Ned. mschr. geneesk., 1926, 13: 651-68.—Schreiber, M. A. Crónicas de gastroenterología; el tratamiento de los cánceres avanzados. Reforma méd., Lima, 1937, 23: 917; 937.—Schmidt, R. Zur Frühdiagnose der Krebswucherungen im Magen-Darmkanal. Med. Klin., Berl., 1929, 25: 1-4.—Schwarz, G. Zur röntgenologischen Frühdiagnose des Karzinoms am Magen-Darmkanal. Wien. med. Wschr., 1934, 84: 89-93, 2 pl.—Scot, W. J. M. Precancerous lesions of the stomach and intestine. Med. Times, N. Y., 1933, 61: 280.—Selby, E. R. A case of carcinomatosis involving the stomach and peritoneum; papillomata of the intestines; intussusception. Canad. M. Ass. J., 1939, 40: 271.—Sherman, S. I. [Blood picture in malignant tumors of the gastro-intestinal tract] Klin. med., Moskva, 1938, 16: 574-52.—Strauss, A. A. A new method and end results in the treatment of carcinoma of the stomach and rectum by surgical diathermy. J. Am. M. Ass., 1936, 106: 285. — Strauss, S. F., & Strauss, H. A. A new method and end results in the treatment of carcinoma of the stomach and rectum by surgical diathermy (electrical coagulation) South. Surgeon, 1936, 5: 348-59.—Tashian, S. Early diagnosis of cancer of gastro-intestinal tract and the Gruskin malignancy test. Northwest M., 1939, 38: 214-8.—Thompson, J. W. Results in surgical management of gastro-intestinal cancer. Week. Bull. S. Louis M. Soc., 1938-39, 33: 346-9.—Yeomans, F. C. Care of advanced carcinoma of the gastro-intestinal tract. J. Am. M. Ass., 1933, 101: 1141-5. Also repr. Also Rev. Gastroenter., 1935, 2: 111-8.—Zwerg, H. G. Die Abhängigkeit der Radikaloperabilität der Magen-darmkarzinome von der klinischen Krankheitsdauer. Münch. med. Wschr., 1929, 76: 1590.

Contents.

Fittipaldi, E. U. Dimostrazione del sangue nel contenuto gastroenterico. Rinasc. med., 1932, 9: 538.—Grayzel, D. M., & Miller, E. G., jr. The p_H of the contents of the gastro-intestinal tract in dogs, in relation to diet and rickets. J. Biol. Chem., 1928, 76: 423-36.—Kofoid, C. A., McNeil, E., & Cailleau, R. Electrometric p_H determinations of the walls and contents of the gastro-intestinal tracts of normal albino rats. Univ. California Pub., 1932, 36: Zool. 347.—Leasure, E. E., Link, R. P., & Whitlock, H. J. The p_H (hydrogen ion concentration) of the contents of the digestive canal of the equine. Vet. Rec., Lond., 1940, 52: 23-5.—Mann, F. C., & Bollman, J. L. The reaction of the content of the gastro-intestinal tract. J. Am. M. Ass., 1930, 95: 1722-4.—Sym, E. A., Stankiewicz, W., & Zielinski, F. Hydrolasenwirkung des Blindsackinhalts des Pferdes und des Panseninhalts des Rindes; Lipase- und Amylase-wirkung. Enzymologia, Haag, 1939, 6: 113-21.

Cyst.

See also Enterocystoma.

Popovici-Lupa, M. [Case of submucous cyst of the pyloro-duodenal region] Spitalul, 1928, 48: 315-7.—Sawyer, C. F. Enterogenous cysts. Surg. Gyn. Obst., 1940, 70: 78-81.—Sohn, A. Ueber das Enterokystom, insbesondere im Bereiche des oberen Verdauungskanales (nebst Mitteilung eines seltenen Falles von Duodenumpyloruskystom) Deut. Zschr. Chir. 1927, 205: 69-81.

Development, and growth.

Jacobshagen, E. Zur Entwicklungsgeschichte des Darmkanals und seiner Lagerung bei den Rochen. Anat. Anz., 1931, 72: 244-56.—McLachlin, A. D. The reaction of the human foetal gastro-intestinal tract in vitro. J. Pharm. Exp. Ther., 1936, 57: 324-31.—Pernkopf, E. Die Entwicklung der Form des Magen-Darm-Kanales beim Menschen; die weitere Ausbildung des Enddarmes, insbesondere des Blinddarmes und der Kolontteile. Zschr. ges. Anat., 1. Abt., 1928, 85: 1-130. — Die Entwicklung des Vorderdarmes, insbesondere des Magens der Wiederkäuher; eine vergleichend-embryologische Studie. Ibid., 1931, 94: 490-622.—Scammon, R. E., & Kittelson, J. A. The growth of the gastro-intestinal tract of the human fetus. Proc. Soc. Exp. Biol., N. Y., 1926-27, 24: 303-7.

Dilatation.

See also under Intestines (Dilatation; Obstruction)

Constantinescu, M., & Săbăilă, I. T. [Acute spontaneous gastro-duodenal dilatation] Rev. st. med., Bucur., 1937, 26: 427-39.—Córdoba, S. A proposito de la dilatación gastro-duodenal aguda. Gac. méd. Caracas, 1933, 40: 345-56.—Fujinami, S., & Fusaoka, R. Elephantiasis gastro-intestinalis. Arch. jap. Chir., 1939, 16: 414-7.—Gillespie, H. W. Mega-duodenum and gastromegaly. Brit. J. Radiol., 1939, 12: 221-4.—Gütig, K. Megabulbus und Megaloduodenum bei schweren Erkrankungen des Magens. Med. Klin., Berl., 1932, 28: 1131.—Hadjès, E. Bey. Deux cas de dilatation aiguë post-opératoire de l'estomac et du duodénum. Sem. gyn., Par., 1911, 16: 297.—Larrañga, A. Dilatación gastro-duodenal aguda. Cir. ciruján, Méx., 1934, 2: 271-4.—Orban, F. Dilatation gastro-duodenale aiguë primitive. Ann. Soc. méd. chir. Liège, 1934, 67: 62-70.—Price, C. A. Acute gastro-duodenal dilatation. Elect. M. J., 1927, 87: 479-84.

Disease.

See also Gastroenteritis; also under names of primary and specific diseases as Anemia, pernicious, Gastrointestinal tract; Peptic ulcer, &c.; also such terms as Diarrhea; Dyspepsia, &c.

Downs, W. G., jr, HEATLEY, C. A. [et al.] Diseases of the gastro-intestinal tract. p.713-823. 8° N. Y., 1935.

In Pract. Libr. M. & S., 1935, 8:

Aguilar Jordán, J. Concepto actual de la patogenia y tratamiento de los procesos gastro-intestinales de la infancia. Med. niños, 1925, 26: 250; 278; 338.—Alvarez, W. C. Useful hints in the diagnosis and treatment of gastro-intestinal disease. Rocky Mountain M. J., 1938, 35: 770-6.—Balfour, D. C. Lesions of the stomach and duodenum. Surg. Clin. N. America, 1926, 6: 1175-83. — Diseases of the stomach and duodenum. Proc. Interst. Postgrad. M. Ass. N. America (1928) 1929, 24-31. Also J. Michigan M. Soc., 1928, 27: 555-9.—Bonne, C. [Known and unknown diseases of the gastro-intestinal tract] Ned. tscr. geneesk., 1933, 77: 1378-87.—Chireikin, V. K. [Gastro-intestinal diseases in the Red Army] Vrach. gaz., 1931, 35: 177-85.—Cofino, E. Los trastornos gastro-intestinales. Rev. méd., S. José, 1936, 4: 420-33.—Dietz. Vertrauensärztliche Begutachtung von Magendarm-kranken. Vertrauensarzt, 1939, 7: 1-4.—Douthwaite, A. H. Gastro-intestinal diseases. Practitioner, Lond., 1930, 143: 461-73.—Escardó, F. Nota sobre los trastornos gastrointestinales del lactante en el verano. Día méd., B. Air., 1933-34,

6: 523.—Eusterman, G. B. Common gastrointestinal emergencies and their medical aspects. *Ann. Int. M.*, 1938-39, 12: 306-16.—Georgievskaya-Aydeeva, V. S. [On acute gastro-intestinal diseases] *Mosk. med. J.*, 1927, 7: 20-8.—Grebenschikova, M. I. [Chronic affections of the gastro-intestinal tract in older children.] *Sovet. pediat.*, 1936, 90-4.—Greiwe, J. E. Some interesting gastric and intestinal cases. *Lancet Clin.*, 1911, 105: 566-70.—Guidote, J. Where and why gastro-intestinal diseases are occurring in the Philippines. *Month. Bull. Bur. Health, Manila*, 1939, 19: 407-12.—Hamilton, W. F. Medical aspects of certain gastro-intestinal tract diseases. *Abstr. Proc. Ass. Life Ins. M. Dir. America*, 1930, 16: 236-69.—Herold, A. A. Report of some unusual gastro-intestinal cases. *Rev. Gastroenter.*, 1939, 6: 312-6.—Kennedy, R. L. J. Gastrointestinal disturbances among infants and children. *Wisconsin M. J.*, 1939, 38: 727-32.—Livingston, E. M. A clinical study of the abdominal cavity and peritoneum; the gastrointestinal tract. *Am. J. Surg.*, 1930, n. ser., 10: suppl., 419-72.—McVicar, C. S. Lesions of the stomach and duodenum. *Proc. Internat. Congress. M. Ass. N. America*, 1925, 1: 222-4.—Maxfield, J. R. The diagnosis and non-surgical treatment of chronic disease of the gastrointestinal tract. *Clin. Med.*, 1925, 32: 763-5.—Pitcher, J. P. Borderline diseases of the upper gastro-intestinal tract. *Tr. Am. Gastroenter. Ass.* (1927) 1928, 30: 16-9.—Poliak, Y. D., & Chircikín, V. K. [Gastro-intestinal diseases in the Red Army] *Sovet. vrach. gaz.*, 1932, 36: 1120-5.—Rappoport, R. S. [Gastro-intestinal diseases of infants] *Tr. Vessouz. sezda detsk. vrach* (1927) 1929, 4 Congr., 515-9.—Ross, S. G. The acute gastro-intestinal disorders of infancy. *Canad. M. Ass. J.*, 1929, 21: 176-83.—Schiff, E. Magen-Darmkrankheiten des älteren Kindes. *Zschr. ärztl. Fortbild.*, 1928, 25: 784-91.—Smith, M. A study of 50 South Florida children, showing chronic gastro-intestinal symptoms. *South. M. J.*, 1926, 19: 723-6.—Smith, R. M. Acute gastrointestinal disease in infants. *N. England J. M.*, 1936, 215: 701-4.—Snell, A. M., Starkey, T. A., & Millet, R. F. Gastro-intestinal diseases. *Med. Clin. N. America*, 1934, 18: 499-517.—Stephen, E. H. M. Some gastro-intestinal disorders of childhood. *Med. J. Australia*, 1928, 1: 574-6.—Stevenson, G. S. Why patients consult the gastro-enterologist; motive and attitude of 150 patients. *J. Am. M. Ass.*, 1930, 94: 333-7.—Tinley, R. E. Diseases of the gastro-intestinal tract in children. *College J.*, Kansas City, 1938, 22: 99-106.—Walters, W. Lesions of the stomach and duodenum and their treatment. *Mississippi Doctor*, 1940-41, 18: 60-7.—Wilbur, D. L. The association of diseases: report of 2 unusual gastro-intestinal cases. *Med. Clin. N. America*, 1933, 16: 1479-91.

— Disease: Diagnosis.

See also Duodenal tube; Feces; Gastric juice; Gastrointestinal tract, Radiology.

MANGINELLI, L. La diagnosi delle malattie dello stomaco e dell'intestino. 254p. 8°. Roma, 1915.

SEEWALD, H. *Die Bedeutung der Dauer-sondierung nach Coffein-Probetrunke für die Diagnostik der Magen- und Duodenalerkrankungen. 18p. 8°. Halle, 1928.

STONECYPHER, D. D. Key to symptomatology; the significance of symptoms, diagnosis by elimination; Book 4: Gastro-intestinal diseases. 1 table, 65 superimposed pl. 4°. Nebraska City, 1933.

Alvarez, W. C. The diagnosis of gastro-intestinal disease from a good history. *Nebraska M. J.*, 1926, 11: 289-98.

— Gastro-intestinal troubles that now go undiagnosed. *Ann. Int. M.*, 1930-31, 4: 39-53. — Helpful hints in the diagnosis of gastro-intestinal diseases. *Collect. Papers Mayo Clin.*, 1937, 29: 147-65.—Banks, B. M., & Barron, L. E. The phenolphthalein test in the diagnosis of gastrointestinal disease. *N. England J. M.*, 1939, 221: 296-9.—Bauke, E. E. Neue Wege der Diagnostik und Therapie gastro-duodenaler Erkrankungen. *Deut. med. Wschr.*, 1936, 62: 1224-7.—Berkesy, L. [Recent results in gastrointestinal diagnostics] *Orvosképzés*, 1936, 26: 528-37.—Boas, I. Analysengang der Blutabbauprodukte der Fäkalien bei Erkrankungen des Magen-Darmkanals. *Arch. Verdauungskr.*, 1935, 58: 249-67. — Die Abbauprodukte des Blutes im Magendarmkanal und ihre klinische Bedeutung. *Schweiz. med. Wschr.*, 1935, 65: 1241-4.—Bruce, H. A. Diagnosis of diseases of the stomach and duodenum. *Canad. M. Ass. J.*, 1923, 13: 724-30.—Chace, A. F. The gastrointestinal tract. *Med. J. & Rec.*, 1925, 122: 477.—Clark, S. K. Laboratory aids in the diagnosis of diseases of the gastro-intestinal tract. *Canad. J. M. & S.*, 1933, 74: 104-9. — A few of the pitfalls in the diagnosis and treatment of gastrointestinal disorders. *Ibid.*, 1935, 77: 7-20.—De Witte. L'utilité de l'examen coprologique en pathologie gastro-intestinale. *Ann. Inst. chir. Brux.*, 1934, 35: 69-72.—Dunn, A. D. Some rambling remarks on gastro-enterological diagnosis. *Nebraska M. J.*, 1926, 11: 1-4.—Eliashov, A. I. [Pyloroduodenal reflex and its significance in the pathology of the stomach and duodenum] *Klin. med.*, Moskva, 1933, 11: 758-62.—Finkelstein, C. [Criticism on the

diagnosis of gastro-intestinal diseases] *Medicina*, Kaunas, 1929, 10: 697-704.—Forman, J. The renal factor in evaluating the patient with chronic gastro-intestinal symptoms. *Internat. Clin.*, 1929, 39, ser., 2: 64-80. Also *West Virginia M. J.*, 1929, 25: 401-5.—Goldie, W. History taking of chronic gastro-intestinal disease. *Illinois M. J.*, 1925, 48: 201-11. Also *J. Iowa M. Soc.*, 1925, 15: 346-53.—Graham, R. R. Differential diagnosis of upper gastro-intestinal lesions. *Canad. M. Ass. J.*, 1926, 16: 508-16.—Haden, R. L. Blood chemistry and the gastrointestinal tract. *J. Lab. Clin. M.*, 1931, 16: 760-4.—Hayem, G. Un cas de gastro-entéropathie méconnue. *Bull. Soc. méd. hôp. Paris*, 1932, 3, ser., 48: 1531-40.—Heagey, F. W. Diagnostic therapeutics in gastro-intestinal conditions. *Nebraska M. J.*, 1935, 20: 63-7.—Heineken, T. S. Interesting gastrointestinal cases with roentgenologic findings. *Rev. Gastroenter.*, 1940, 7: 163-6.—Howell, J. A. The importance of a good clinical history in the diagnosis of gastrointestinal disease. *Med. Bull. Veterans Admin.*, 1933, 9: 397-9.—Jewett, C. H. The study of the chronic gastro-intestinal case. *Clifton M. Bull.*, 1927-28, 13: 11-5.—Kalk, H. Diagnostik und Therapie der Erkrankungen des Magens und Zwölffingerdarms; unter besonderer Berücksichtigung der fraktionierten Ausheberung. *Med. Welt*, 1932, 6: 1121; 1168.—Kremer, D. N., Shore, P. D., & Wiesel, B. H. Phenolphthalein as a test in gastro-intestinal disease. *Am. J. Digest. Dis.*, 1939-40, 6: 193.—Kuhlmann, F. Die diagnostischen Grundlagen zur Beurteilung der Arbeitsfähigkeit von Magen-Darmkranken. *Vertrauensarzt*, 1938, 6: 183-6.—LeVine, R., & Kirsner, J. B. An evaluation of the phenolphthalein test of Woldman. *Am. J. M. Sc.*, 1939, 198: 389-93.—Lockwood, I. H. Evaluation of history, signs, symptoms and treatment of lesions producing gastrointestinal symptomatology. *Kansas City M. J.*, 1940, 16: No. 6, 9-11.—Lofstrom, J. E., & Noer, R. J. The use of intestinal intubation in the localization of lesions of the gastro-intestinal tract. *Am. J. Roentg.*, 1939, 42: 321-31.—Marlin, L. Technique of gastro-intestinal diagnosis. *In Pract. Libr. M. & S.*, 1932, 2: 611-80.—Mauriac, P. Quelques-unes de mes erreurs de diagnostic. *Presse méd.*, 1938, 46: 11.—Morrison, S. Progress in the diagnosis of gastro-intestinal disorders. *Internat. M. Digest*, 1940, 36: 176-88.—Noorden, C. von. Zur Diagnostik und Therapie der Magen-Darmkrankheiten. *Aerzt. Prax.*, Wien, 1934, 8: 163-6. Also *Med. Klin.*, Berl., 1934, 30: 1; 43.—Notkin, L. J., Kirsch, E., & Albert, S. Note on the value of Woldman's phenolphthalein test for gastro-intestinal lesions. *Am. J. Digest. Dis.*, 1939-40, 6: 365.—Pallarés. Caso para diagnóstico. *Med. iber.*, 1934, 28: 730.—Rigney, L. J. Diagnostic features of some gastro-intestinal conditions. *Delaware M. J.*, 1937, 9: 1-6.—Rodman, J. S., & Leaman, W. G., jr. Some differential diagnostic problems in the borderlands of gastroenterology and cardiology. *Rev. Gastroenter.*, 1939, 6: 366-82.—Saint, C. F. M. The importance of clinical evidences of disease in its diagnosis, as exemplified in recent gastro-duodenal cases. *J. M. Ass. S. Africa*, 1930, 4: 475-8.—Satterlee, G. R. Aniline dyes in the study and treatment of gastro-intestinal disorders. *Tr. Am. Gastroenter. Ass.* (1925) 1926, 28: 287-92.—Schill, I., & Leopold, M. [Differential diagnosis of gastric and duodenal lesions] *Gyógyászat*, 1939, 79: 288.—Schütz, E. Ueber die Bedeutung der älteren physikalischen Untersuchungsmethoden für die Diagnose der Magen-Darmkrankheiten. *Arch. Verdauungskr.*, 1928, 43: 392-409.—Stalder, H. Richtlinien zur Untersuchung und Beurteilung von magendarmkranken Militärpatienten. *Schweiz. med. Wschr.*, 1940, 70: 62-6.—Suttenfield, F. D. The proposed phenolphthalein test of gastrointestinal disease. *Med. Ann. District of Columbia*, 1939, 8: 363-5.—Tomlinson, R. W. Some recognized essential diagnostic procedures in gastro-intestinal disease. *Delaware M. J.*, 1935, 7: 145-9.—Verdeau, F. M., & Chaumet, G. J. Exploration clinique et radiologique dans les affections de l'estomac et du duodénum. *Arch. méd. pharm. mil.*, Par., 1926, 84: 577-623.—Vest, W. E. The gastrointestinal history. *West Virginia M. J.*, 1926, 21: 19-22.—Waller, R. G. Laboratory methods in the diagnosis of gastro-intestinal disorders. *Practitioner*, Lond., 1938, 140: 172-80.—White, P. D. The differential diagnosis of gastro-intestinal and cardiac disorders (the Alvarez lecture) *Tr. Am. Gastroenter. Ass.*, 1937, 40, meet., 22-9. Also *Am. J. Digest. Dis.*, 1937-38, 4: 650-7.—Woldman, E. E. A simple test for determining the presence of gastro-intestinal lesions; a preliminary report. *Ibid.*, 1938-39, 5: 221-4.

— Disease: Etiology.

See also names of primary diseases and conditions as Allergy; Deficiency disease; Nutrition, Disorders; Uremia; Vitamin, Deficiency, &c.

Behring, I. The occurrence of actinomycosis of the stomach and the duodenum. *Acta path. microb. scand.*, 1933, suppl. 16, 18-30.—Brown, P. W., & Wakefield, E. G. Gastro-intestinal manifestations of urinary disease and urinary manifestations of gastro-intestinal disease. *Pennsylvania M. J.*, 1938-39, 42: 1309-14.—Burdenko, N. Der Einfluss des Nervensystems auf pathologische Zustände des Magen- und Darmkanals. *Zschr. ges. Neur. Psychiat.*, 1933, 148: 343-50.—Castle, W. B. The relationship of defective nutrition to changes in the gastro-intestinal tract. *N. England J. M.*, 1936, 215: 1158.—Concorelli, L. Alterazioni della mucosa gastrica ed intestinale in seguito a lesioni sperimentali del sistema nervoso centrale. *Boll. Soc. Ital. biol. sper.*, 1927, 2: 649-51.—De Vincentiis, A.

- Micosi gastriche ed intestinali sperimentali. Clin. chir., Milano, 1940, 43: 205-25.—**Dragstedt, L. K.** Failure of reabsorption of gastric and pancreatic juice as a pathogenic factor in some gastrointestinal disturbances. Tr. Am. Gastroenter. Ass. (1930) 1931, 33: 73-80. Also repr.—**Friedenwald, J.** The human constitution in its relation to gastro-intestinal disorders. J. Am. M. Ass., 1930, 95: 905-10. Also repr.—**Fuso, B.** Contributo sperimentale allo studio di lesioni gastro-intestinali da applicazione di fibra devitalizzante ad uso odontoiatrico. Riv. ital. stomat., 1934, 3: 182-94.—**García Martínez, F.** Curso de conferencias sobre enfermedades del aparato digestivo en la infancia organizado por la Sociedad española de pediatría: etiología de los trastornos gastrointestinales en los niños. Siglo méd., 1932, 70: 636.—**Gelman, S. E.** Die Rolle der Pathologie des Kauens in der Klinik der Magendarmkrankheiten. Zschr. Stomat., 1936, 34: 34-8.—**Gilcreas, F. W.** Water supplies involved in gastro-intestinal disease. Annual Rep. Div. Lab. N. York State Dep. Health, 1938, 43.—**Gill, D. G., & McAlpine, J. G.** Gastrointestinal disorder not proved to be water-borne. Am. J. Pub. Health, 1938, 28: 741-5.—**Hart, C. E., jr.** Diseases of the oral cavity in relation to those of the gastro-intestinal tract. Pacific Coast J. Homoeop., 1940, 51: 295-9.—**Herfort, K.** [Case of hereditary debility of the gastroduodenal tract]. Cas. lék. česk., 1936, 75: 1201-3.—**Holsti, O.** Beitrag zur Kenntnis des Magen-Darmkanals bei Arthro-, Nephro- und Kardiopathien. Arb. Path. Inst. Helsingfors, 1926, n. F., 4: 415-58.—**Hosei, K., & Alvarez, W. C.** The influence of sex on the incidence of gastrointestinal disease. Human Biol., 1930, 2: 63-98.—**Kanarevskaja, A. A., Babkova, A. A., & Jesuino Maciel, J.** O papel do sistema nervoso nas doenças gastro-intestinais. Rev. gastroenter., S. Paulo, 1939, 2: 183-96.—**Kerley, C. G.** Gastro-intestinal disorders in relation to defective gastro-intestinal mechanics. J. M. Soc. N. Jersey, 1931, 28: 14-21.—**Koontz, A. R.** Hernia in its relation to gastrointestinal symptoms. Rev. Gastroenter., 1940, 7: 47-50.—**Luna, C. de.** Le facteur étiologique dans le diagnostic et le traitement des affections gastro-intestinales. Marseille méd., 1932, 69: 441-54.—**Lundblad, W. E.** Obscure causes of subjective gastro-intestinal symptoms with normal physical examination. Guthrie Clin. Bull., 1939-40, 9: 126-30.—**Macklin, M. T.** The importance to the gastro-enterologist of inheritance in disease. Tr. Am. Gastroenter. Ass., 1934, 37. Meet., 56-61.—**Meyer, K. A.** Oral infection and gastro-intestinal disease. J. Am. Dent. Ass., 1940, 27: 93-5.—**Musser, J. H., & Sodeman, W. A.** Gastro-intestinal expressions of avitaminosis. South. M. J., 1938, 31: 897-901.—**Necheles, H., & Masur, W.** Gastro-intestinal pathology in dogs following administration of acetylcholine and pitressin. Am. J. Digest. Dis., 1939-40, 6: 389-91.—**Negrete, C.** Gastro-enteropatis de origen urinario. Arch. med., Madr., 1930, 32: 392-4.—**Payne, G. W.** Some frequent causes of gastro-intestinal disorders. Kentucky M. J., 1925, 23: 366-8.—**Rigdon, R. H., & Leff, W. A.** A gastro-intestinal lesion associated with staphylococcal infection in man; its production in the rabbit by intravenous injection of staphylococcus toxin. Arch. Path., Chic., 1936, 21: 298-307.—**Satke, O.** Nervensystem und Magen-Darmtrakt. Wien. med. Wschr., 1927, 77: 840-4.—**Schaut, G. G.** Gastro-intestinal derangement during droughts; with special reference to contaminants of vegetable origin. Am. J. Pharm., 1940, 112: 183-96.—**Schödt, E.** Gastro-intestinal affections from vitamin deficiency. Acta med. scand., 1934, 84: 456-95.—**Schur, H.** Konstitution und Erkrankungen des Magen-Darmtraktes. Wien. klin. Wschr., 1930, 43: 1049-53.—**Shaw, M. E.** Hereditary gastro-intestinal diseases. In Chances of morbid inherit. (Blacker, C. P.) Lond., 1934, 304-17.—**Strauss, H.** Erblichkeit bei Magen-Darmkrankheiten. Med. Klin., Berl., 1928, 24: 10-4.—**Haben die Verdauungskrankheiten seit dem Kriege zugenommen?** Ibid., 1932, 28: 1381.—**Titone, M., & Patania, A.** Lesioni gastroduodeniche da infezioni batteriche nella parete appendicolare. Arch. ital. chir., 1939, 55: 542-61.—**Vergara, E. A.** Síndrome gastro-intestinal azoémico infantil. Gac. méd. México, 1940, 70: 1; 121.—**Wallbach, G.** Sur les actions inflammatoires des substances sécrétées dans le tube digestif. J. physiol. path. gén., 1939-40, 37: 978-86.—**Weiss, S., & Collins, V. L.** The rôle of the vegetative nervous system in gastro-intestinal disease; vagotonia and sympathicotonia (a clinical study) Internat. Clin., 1934, 44. ser., 1: 107-31.—**Wilbur, D. L., & Snell, A. M.** Deficiency states associated with gastro-intestinal disease. Am. J. Digest. Dis., 1937-38, 4: 720-8.
- Ziele und vorläufige Ergebnisse. Internat. Zschr. Psychoanal., 1935, 21: 189-219.—**Bacon, C.** [et al.] The influence of psychologic factors upon gastro-intestinal disturbances; a symposium. Psychoanal. Q., 1934, 3: 501-88.—**Becker, W. H.** Zur Behandlung der Magen-Darmneurose. Psychiat. neur. Wschr., 1937, 39: 582.—**Boas, I.** Meine Erfahrungen über das Wesen und die Behandlung der Magen- und Darmneurosen. Münch. med. Wschr., 1929, 76: 416-9.—**Boles, R. S.** Functional nervous disorders of the stomach and intestines. Pennsylvania M. J., 1928-29, 32: 20-5.—**Bond, E. D.** Psychiatric contributions to the study of the gastro-intestinal system. Tr. Am. Gastroenter. Ass., 1938, 41. Meet., 30-4. Also Am. J. Digest. Dis., 1938-39, 5: 482-6.—**Borsook, H., Dougherty, P.** [et al.] The vitamin B complex and functional chronic gastro-intestinal malfunction; a study of 227 cases. Ibid., 246-51.—**Brush, A. L.** Recent literature relative to the psychiatric aspects of gastrointestinal disorders; a review. Psychosomat. M., 1939, 1: 423-8.—**Chrisman, W. W.** Functional disturbances of the gastro-intestinal tract. J. M. Ass. Georgia, 1937, 26: 449-52.—**Crohn, B. B.** Functional and nervous disorders of the stomach and alimentary tract. Am. J. Digest. Dis., 1934-35, 1: 773-7.—**Daniels, C. E.** Neuroses associated with the gastro-intestinal tract. Am. J. Psychiat., 1934-35, 91: 529-40.—**Psychic factors in gastrointestinal disease.** N. York State J. M., 1936, 36: 602-6.—**Davtian, P. S.** [Gastro-intestinal neurosis] Vrach. gaz., 1925, 29: 501-4.—**Deeweese, E. R.** The X-ray findings in functional disorders of the gastro-intestinal tract. Kansas City M. J., 1940, 16: No. 6, 19-21.—**Diamond, J. S.** Gastrointestinal neuroses and their management. Med. J. & Rec., 1931, 134: 476-81. Also repr.—**Dreikurs, R.** Zur Kasuistik der funktionellen Magen-Darmstörungen. Internat. Zschr. Individuropsych., Wien, 1934, 12: 11-5.—**Fitts, J. B.** Motor and secretory dysfunction of the gastro-intestinal tract and the vitamin B₁ factor: a clinical study. South. M. J., 1935, 28: 920-3.—**Holland, A. L.** Gastro-intestinal neuroses. Med. Clin. N. America, 1925, 9: 331-42.—**Hudnall, H. G.** Functional gastro-intestinal disease. Virginia M. Month., 1939, 66: 302.—**Lebedenko, V. V., & Briusov, S. S.** [Vasomotor troubles in the gastro-intestinal tract following alcoholic injections into sympathetic trunk] Russ. klin., 1928, 9: 325-34.—**Levesque, J., & Dreyfus, S.** L'hyper-sécrétion muqueuse gastro-duodénale sans stase gastrique. Nourrisson, 1936, 24: 206-24.—**Lewis, N. D. C.** Nervous and mental components of gastrointestinal diseases. Med. Ann. District of Columbia, 1940, 9: 42-7.—**Martin, L.** Psychogenic basis of gastro-intestinal symptoms. South. M. J., 1939, 32: 825-31.—**Menninger, W. C.** Functional disorders of the gastro-intestinal tract: the gastro-intestinal neuroses. Am. J. Digest. Dis., 1937-38, 4: 447-53.—**Mousseau, J. A.** Interprétation clinique et radiologique de certains troubles fonctionnels de l'estomac et de l'intestin. Union méd. Canada, 1932, 61: 348-53.—**Nishnevich, M. I.** [Neurosis of the gastro-intestinal tract] Feldsher, Moskva, 1938, No. 5, 20-3.—**Rendleman, W. A.** Functional disorders of the gastro-intestinal tract. J. Iowa M. Soc., 1936, 26: 253-5.—**Rhinehart, B. A.** Increased irritability of the gastro-intestinal tract; a discussion of disturbed physiology. Radiology, 1935, 24: 1-6.—**Skinner, E. F.** Gastro-intestinal disorders of nervous origin. Clin. J., Lond., 1930, 59: 181-7.—**Stengel, A.** Functional disorders of the gastro-intestinal tract. Proc. Interst. Postgrad. M. Ass. N. America, 1934, 269-72.—**Tillotson, K. J.** The psychological approach to gastro-intestinal disorders. Tr. Am. Gastroenter. Ass., 1937, 40. Meet., 54-8. Also Am. J. Digest. Dis., 1937-38, 4: 682-6.—**Tilton, W. B.** Vagotonia and its relation to gastrointestinal disturbances with report of case. U. S. Veterans Bur. M. Bull., 1929, 5: 217-9.—**Underwood, G. M.** Emotional and psychic factors in the production of gastro-intestinal diseases. Texas J. M., 1932, 27: 798-800.—**Vogel, P.** Ueber neurotische Magen- und Darmbeschwerden. Zschr. ges. Neur. Psychiat., 1932, 141: 193-8.—**Wright, C. B.** Functional gastro-intestinal disturbances. Minnesota M., 1933, 16: 73-8.

Disease: Manifestations.

Disease, functional.

CHICAGO INSTITUTE FOR PSYCHOANALYSIS. The influence of psychologic factors upon gastro-intestinal disturbances: a symposium. 88p. 8°. Chic., 1934.

MORGAN, W. G. Functional disorders of the gastrointestinal tract. 8°. Phila. [1931]

SCHWITZAL, K. *Die prothetische Zahnheilkunde als Mittel der Sanierung von Störungen der Funktion des Verdauungsapparates. 28p. 23cm. Berl., 1938.

Alexander, F. Ueber den Einfluss psychischer Faktoren auf gastro-intestinale Störungen; allgemeine Grundsätze,

FRUIN, R. *Contribution à l'étude des troubles neuro-végétatifs dans les dislocations gastro-intestinales. 111p. 8°. Par., 1933.

LEW, S. *La sédimentation globulaire dans les affections gastriques et duodénales. 36p. 24cm. Genève, 1937.

Bloomfield, A. L., & Pollard, W. S. Experimental referred pain from the gastro-intestinal tract; stomach, duodenum and colon. J. Clin. Invest., 1931, 10: 453-73.—**Brown, C. F. G.** The pseudo-ulcer syndrome. Med. Clin. N. America, 1937-38, 21: 179-90.—**Brown, T. R.** Referred symptoms in gastro-intestinal diseases and digestive symptoms in other diseases. Internat. Clin., 1932, 42. ser., 2: 60-80.—**Bulatov, P. K.** [Significance of monocytosis and histiocytosis in gastro-intestinal diseases] Tr. Acad. mil. méd. Kiroff, 1935, 4: 347-50.—**Dolor gastro-intestinal.** Dia méd., B. Air., 1939, 11: 3.—**Gerendasy, J.** Gastro-intestinal camouflage of organic disease. J. M. Soc. N. Jersey, 1934, 31: 69-75.—**Goudsmit, J.** [Deficiency symptoms in chronic affections of the gastro-intestinal tract] Ned. tscr. geneesk., 1934, 78: 3123-34.—**Graulich, R.** Le syndrome douloureux en gastro-entérologie. Bruxelles méd., 1933-34, 14: 210-8.—**Jacobs, M. F.** Mimics of gastro-intestinal disease. J. Oklahoma M. Ass., 1936, 29: 351-4.—**Jones, C. M.** Back

pain in gastro-intestinal disease. *Med. Clin. N. America*, 1938, 22: 749-60.—**Lyon, J. A.** Gastro-intestinal disorders simulating heart disease. *South. M. J.*, 1938, 31: 902-7.—**Magliano, H.** Sindrome aerogastroenterico del lactante. *Sem. méd., B. Air.*, 1935, 42: pt 2, 640-3.—**Peck, E. N.** Preclinical signs and symptoms of gastro-intestinal disease. *J. M. Soc. N. Jersey*, 1926, 23: 211.—**Perry, S. P., & Reilly, E. L.** Extra-gastric conditions, simulating intrinsic gastro-intestinal lesions. *Bull. Guthrie Clin.*, 1937-38, 7: 138-40.—**Pop, A.** [Diagnostic value of the blood picture in gastro-duodenal affections. *Rev. st. med., Bucur.*, 1928, 17: 146-50.—**Portis, S. A.** Gastro-intestinal manifestations of systemic disease and their differential diagnosis. *Med. Clin. N. America*, 1935-36, 19: 1251-63.—**Throne, B.** Meaning of gastro-intestinal symptoms. *Long Island M. J.*, 1925, 19: 397-9.

Disease: Pathology.

ENOCKSON, B. A study of the reducing power of the blood with special reference to some gastro-intestinal diseases and their diagnosis. 370p. 8°. Stockh., 1932.

HERTZLER, A. E. Surgical pathology of the gastro-intestinal tract. 311p. 8°. Phila. [1936]

LOUBRY, J. *Réactions du poumon et des ganglions thoraciques à point de départ gastro-intestinal (étude expérimentale) 46p. 8°. Par., 1925.

MANN [G. M.] U. *Zur Kenntnis der geschwulstartigen Darmerkrankungen bei Kindern; ein Beitrag zur Differentialdiagnose der Veränderungen im Magendarmkanal bei agranulocytären Erkrankungen. 30p. 8°. Rost., 1931.

WAGNER, E. *Ueber die Pseudomelanose des Magen-Darmkanals [Halle-Wittenberg] p.503-23. 24½cm. Naumb., 1938.

Also Beitr. path. Anat., 1938, 101:

Alexander, L. Cerebral changes in gastrointestinal infections with terminal cachexia and their relation to physico-chemical properties of the brain. *J. Nerv. Ment. Dis.*, 1935, 81: 558-60.—**Wu, T. T.** Cerebral changes in gastro-intestinal infections with terminal cachexia; histopathologic studies on dysentery, with comments on similar observations in intestinal tuberculosis. *Arch. Neur. Psychiat.*, 1935, 33: 72-122.—**Allodi, A., & Griva, L.** Ricerche ematologiche in affezioni del tratto gastro-intestinale accompagnantis ad ipercacidità. *Minerva med., Tor.*, 1930, 21: pt 2, 221-6.—**Alloggio, R.** Flora batterica della vesica nelle malattie gastro-intestinali acute dell'infanzia; ricerche bacterioscopiche. *Pediat. prat., Modena*, 1932, 9: 349-63.—**Arkin, A.** Some unusual lesions of the gastro-intestinal tract. *Med. Clin. N. America*, 1930-31, 14: 1191-9.—**Belloni, G.** La riserva alcalina nelle turbe gastro-intestinali del lattante. *Lattante*, 1930, 1: 573-90.—**Binet, L.** Les réactions pulmonaires à point de départ gastro-intestinal (étude expérimentale) *Médecine, Par.*, 1925-26, 7: 757.—**Bloch, E.** A statistical report of gastric and duodenal ulcer and duodenal carcinoma in the Charity Hospital, New Orleans, from 1915 through 1925. *N. Orleans M. & S. J.*, 1925-26, 78: 742-7.—**Brodin, P., & Tédesco, M.** Les spasmes duodénaux dans l'appendice chronique et les inflammations du cécum droit. *Arch. mal. app. digest., Par.*, 1934, 24: 883-9.—**Brown, P. W.** Deficiency manifestations of gastro-intestinal diseases. *Collect. Papers Mayo Clin.*, 1938, 30: 167-73.—**Butler, A. M.** Acidosis or alkalosis in infants and children with gastro-intestinal disturbances, chronic nephritis, and diabetes mellitus. *Med. Clin. N. America*, 1935, 18: 1205-25.—**Chopra, R. N., Hayter, R. T. M., & Bhattacharya, S. N.** Radiological and laboratory investigations of chronic gastro-intestinal disturbances in the tropics. *Ind. M. Gaz.*, 1937, 72: 129-31.—**Cleland, J. B.** Carcinoma of the stomach, gastric ulcers and duodenal ulcers in 1,000 consecutive autopsies at the Adelaide Hospital. *Med. J. Australia*, 1927, 1: 704-3.—**Dally, J. F. H.** Links between circulatory and gastrointestinal disorders. *Med. Rec., N. Y.*, 1933, 148: 177-82.—**De Francesco, F.** Le basi anatomo-patologiche di alcune sindromi gastro-duodenali di natura arteriosclerotica. *Osp. maggiore, Milano*, 1934, 22: 645; passim.—**Erdmann, J. F., & Burt, C. V.** Non-specific granuloma of the gastro-intestinal tract. *Proc. Internat. Postgrad. M. Ass. N. America*, 1932, 229-37. Also *Surg. Gyn. Obst.*, 1933, 57: 71-80.—**Feyrter, F.** Herdförmige Lipoidablagerung in der Schleimhaut des Magens (Lipoidinseln der Magenschleimhaut, Lubarsch) Lipoidzellenknötchen in der Schleimhaut des Darmes. *Virchows Arch.*, 1929, 273: 736-41.—**Friedrich, L.** [Can the cardiac function be affected by the gastro-intestinal tract?] *Orv. hetil.*, 1935, 79: 668-70.—**Friedenwald, J., & Morrison, S.** Some observations on the reciprocal relationship between gastrointestinal and female pelvic disturbances. *Tr. Ass. Am. Physicians*, 1934, 49: 331-47.—**Gauss, H.** The interrelationship of gastrointestinal and renal disease. *Ann. Int. M.*, 1935-36, 9: 1373-9.—**Gibson, S.** Gastro-intestinal pathology in infancy. *Med. Clin. N. America*, 1938, 22: 153-60.—**Goetz, W.** Zusammenhang von Magen-Darmstörungen mit Lumbago, Ischias und Coccygalgie. *Med. Welt*, 1929, 3: 1439.—**Grunke, W.** Die Blutkrankheiten als

Folge von Magen-Darm-Störungen und ihre Behandlung. *Ther. Gegenwart*, 1939, 80: 516-22.—**Heath, C. W., & Fullerton, H. W.** The rate of absorption of iodide and glycine from the gastro-intestinal tract in normal persons and in disease conditions. *J. Clin. Invest.*, 1935, 14: 475-81.—**Helmer, O. M., Fouts, P. J., & Zerfas, L. G.** Determinations of enzymes of autopsy specimens from cases of pernicious anemia and pellagra. *Arch. Int. M.*, 1934, 53: 675-9.—**Katzen, M. E.** [Correlation between the acidity of the gastric juice and urine in gastro-intestinal diseases] *Ter. arkh.*, 1936, 14: 131-8.—**Laporte, Planque & Laboucarie.** Les troubles nerveux consécutifs aux maladies gastro-intestinales. *Gaz. hôp.*, 1934, 107: 1418.—**Löhr, W.** Ueber intestinale Infektion mit dem anaeroben Pararauschbrandbacillus und sekundäres metastatisches Gasödem; zugleich ein kritischer Beitrag zur Frage der Gasphlegmone des Magens und Darmes. *Arch. klin. Chir.*, 1929, 155: 188-214.—**Lunding, K.** Quelques observations sur 2 cas d'affections bulleuses des muqueuses avec troubles gastro-intestinaux. *Acta med. scand.*, 1925-26, 63: 570-88.—**MacCarty, W. C.** Surgical pathology of stomach and duodenum. In *Stomach & duodenum* (Eusterman, G. B. [et al.]) Phila., 1936, 73-87.—**Macedo, M.** Contribuição ao estudo do síndrome gastro-duodenal relacionado com o quimismo gástrico. *Lisboa med.*, 1930, 7: 680-709.—**Maddock, W. G.** Nutritional disturbances associated with diseases of the stomach and duodenum. *Am. J. Surg.*, 1938, 40: 12-7.—**Mahler, P.** Magen-Darmkanal und vaskuläre Störungen. *Med. Welt*, 1932, 6: 112-6.—**Maternal, infant, and child health; mortality from gastro-intestinal diseases in the first year of life.** *Child, Wash.*, 1939, 3: 270.—**Moench, G. L.** Some remarks on the interrelation of gynecological and gastro-intestinal symptoms. *Am. J. Surg.*, 1935, 29: 399-413.—**Moldavskaya-Svet, E. D.** [Gynecological and gastro-intestinal diseases] *Klin. med., Moskva*, 1933, 11: 788-93.—**Ovchinnikov, B. A.** [Study of the vegetative nervous system in gastro-intestinal affections] *Ter. arkh.*, 1934, 12: 9-22.—**Shcheglova, A. V., & Shatalova, A. A.** [Study on the activity of the salivary glands and composition of the saliva in gastro-intestinal diseases] *Ibid.*, 1935, 13: 25-32.—**Pick, E. P.** Ueber einige Fragen aus der experimentellen Pathologie und Pharmakologie des Magens und Darmes. *Wien. med. Wschr.*, 1926, 76: 216-20.—**Pron, L.** Oreille et tube digestif. *Rev. gén. clin. théor.*, 1933, 47: 273-6.—**Reinhart, H. L.** Case record presenting clinical problems; girl, 15, gastro-intestinal upset; pleurisy, sulfanilamide, jaundice, flu, vomiting of blood, epigastric pain, necropsy. *Ohio M. J.*, 1940, 36: 293.—**Robertson, H. E.** The stomach and duodenum at necropsy. In *Stomach & duodenum* (Eusterman, G. B. [et al.]) Phila., 1936, 88-110.—**Rose, E.** The relation of the chlorids of the body to disease of the gastro-intestinal tract. *Atlantic M. J.*, 1925-26, 29: 613-6.—**Schaffler, J.** [Arteriosclerosis of the gastrointestinal system] *Orv. hetil.*, 1932, 76: 757.—**Schroeder, H.** Vitamine und Magendarmkanal. *C. rend. Congr. internat. path. comp.*, 1936, 3. Congr., 363-5.—**Sindromi (Le) gastrointestinali acute e croniche e la patologia del sistema urinario.** *Gazz. osp.*, 1936, 57: 1067-9.—**Singer, R.** Ueber den C-Vitaminhaushalt bei Erkrankungen des Magens und Zwölffingerdarmes. *Wien. med. Wschr.*, 1938, 88: 661-3.—**Sparo, L. A.** [Changes in the reticulo-endothelial system of the gastro-intestinal tract in infants in intestinal and extra-intestinal affections] *J. rann. detek. vozr.*, 1932, 12: 369.—**Spira, L.** Some skin manifestations and their relation to the disturbance of the gastrointestinal tract. *Am. Med.*, 1928, 23: 913-8.—**Swalm, W. A., & Morrison, L. M.** Relation of gastrointestinal disorders to angina pectoris and other acute cardiac conditions. *Rev. Gastroenter.*, 1939, 6: 41-5.—**Trivellini, A.** Significato e variazioni delle difese immunitarie verso i germi saprofiti in affezioni del tubo gastro-enterico (ulcera gastrica, ulcera duodenale, cancro dello stomaco) *Gior. batt.*, 1931, 7: 495-511.—**Urbach, E.** Magen-Darmtrakt und Haut. *Wien. med. Wschr.*, 1937, 87: 292; 322.—**Vorhaus, M. G.** Vitamins in relation to gastro-intestinal diseases. *Am. J. Digest. Dis.*, 1938-39, 5: 405-8.—**Wilbur, D. W., & Snell, A. M.** Abnormal nutritional states associated with gastro-intestinal diseases. *Proc. Mayo Clin.*, 1933, 8: 740-6.—**Wilensky, A. O.** The essential nature of nonspecific granulomatous lesions of the gastrointestinal tract. *Surgery*, 1939, 6: 288; 452.—**Wördehoff, P.** Ueber den Vitamin C-Gehalt des Flutes bei Magenerkrankungen, Gastritis und Ulcus. *Verh. Deut. Ges. inn. Med.*, 1938, 50. Kongr., 456-8.

Disease, surgical.

Balice, G. La flora batterica dello stomaco e del digiuno nelle affezioni chirurgiche gastro-duodenali. *Arch. ital. chir.*, 1937, 46: 155-73.—**—** Ancora sulla batteriologia dello stomaco e del digiuno nelle affezioni chirurgiche gastroduodenali, dallo studio di 43 infermi. *Riforma med.*, 1939, 55: 1169-77.—**Blackburne, G.** Indications for operative intervention in diseases of the stomach and duodenum. *J. M. Soc. N. Jersey*, 1935, 32: 455-7.—**Boland, F. K.** Surgical diseases of the gastro-intestinal tract in children. *Internat. Clin.*, 1936, 2: 46. ser., 26-33.—**Crile, G., & Hicken, N. F.** The surgical management of certain diseases of the gastro-intestinal tract. *Surg. Clin. N. America*, 1935, 15: 1019-34.—**Duval, J., Vanier, J. [et al.]** Etude de la sécrétion gastrique au cours des différents affections chirurgicales de l'estomac ou du duodenum. *Gaz. méd. France*, 1935, 42: gastr. No. 11, 10-2.—**Fuister, H.** Le traitement chirurgical des affections bénignes de l'estomac et du duodenum. *Rev. chir., Par.*, 1934, 72: 459-81.—**Hunt, V. C.** Achievements in the surgical treatment of lesions of the stomach and duode-

num during the past 25 years. West. J. Surg., 1936, 44: 218-21.—Judd, E. S. The surgical treatment of lesions of the stomach and duodenum. California West. M., 1936, 44: 8-12.—Kreke, A. Chirurgische Magendarmkrankungen und die menschliche Psyche. Münch. med. Wschr., 1933, 80: 883-91.—Lasserre, C. Trois décisions graves dans la pathologie chirurgicale du nourrisson; la sténose par hypertrophie musculaire du pylore; l'invagination intestinale; les hernies inguinales volumineuses. J. obst. gyn., Par., 1932, No. 10, 3: 6.—Rankin, F. W. Present-day management of surgical lesions of the stomach and duodenum. Kentucky M. J., 1937, 35: 209-14.—Siegemann, Bemerkenswerte Befunde aus der Magen-Zwölffingerdarmchirurgie (Divertikel und Pseudodivertikel des Duodenums, Pseudodivertikel des Magens, Neurinom des Magens, Magen-Kolonfistel, Magen-Kolon-Dünndarmfistel). Zbl. Chir., 1938, 65: 150-5.—Strode, J. E. The surgical treatment of gastro-duodenal lesions. Tr. M. Soc. Hawaii, 1931, 129-53.—Velo, C. A. Tasso emoglobinico e globulare nei malati di forme chirurgiche gastro-duodenali. Arch. Soc. ital. chir., 1931, 37: 952.—Walters, W. Surgical lesions of the stomach and duodenum. Texas J. M., 1938-39, 34: 521-30.—Yates, J. Surgical aspects. Wisconsin M. J., 1931, 30: 547-52.

— Disease: Treatment.

BRITO SANTOS, A. *Les injections intra-dermiques de lait dans le traitement de quelques affections gastro-intestinales. 56p. 8°. Par., 1934.

WALD, W. *Die Notwendigkeit zahnärztlicher Behandlungsmassnahmen bei chronischen gastro-intestinalen Erkrankungen. 30p. 23cm. Berl., 1939.

WEGELE, C. Die Therapie der Magen- und Darmkrankungen. 5. Aufl. 446p. 8°. Jena, 1923.

Aaron, A. H. Medical measures of value in the treatment of gastro-intestinal diseases. Pennsylvania M. J., 1938-39, 42: 861-7.—Alvarez, W. C. Useful hints in the treatment of gastro-intestinal disease. Ohio M. J., 1937, 33: 1085-92.—Balfour, D. C. The management of lesions of the stomach and duodenum. Surg. Clin. N. America, 1925, 5: 673-84.—Barabás, Z. [Parenteral treatment of gastro-intestinal disorders in infants and children]. Budapesti orv. ujs., 1926, 24: 1389-92.—Bassler, A. Medical treatment of stomach and intestinal conditions. Arch. Ther., N. Y., 1926, 5: 5-10. Also Med. Rev. of Rev., 1929, 35: 231-8.—Dennig, H. Natürliche Heilvorgänge bei Magen-Darmkrankheiten und ihre Beeinflussung durch die ärztliche Behandlung. Zschr. ärztl. Fortbild., 1936, 33: 273-8.—Domarus, A. von. Fortschritte der Therapie auf dem Gebiete der Magen- und Darmkrankheiten. Schweiz. med. Wschr., 1936, 66: 429-31.—Douthwaite, A. H. Recent advances in treatment of gastro-intestinal disorders. Practitioner, Lond., 1935, 135: 421-32.—Eberhard, H. M. Gastroenterologic clinic. Hahneman. Month., 1939, 74: 853-60.—Eusterman, G. B. Medical aspects of gastro-intestinal emergencies. Med. Clin. N. America, 1938, 22: 883-94.—Freudenberg, E. Die biologische Heilung der Krankheiten des Magendarmkanals. Aertzl. Rdsch., 1935, 45: 147-50.—Himpe, O. Zur Behandlung von Reizzuständen des Magens und Zwölffingerdarms. Deut. med. Wschr., 1939, 65: 1001.—Hurst, A. F. The modern treatment of some gastric and intestinal disorders. Practitioner, Lond., 1933, 131: 353-61.—Kaufmann, E. Neuere Wege in der Behandlung von Magen- und Darmkrankheiten. Münch. med. Wschr., 1930, 77: 1777; 2146.—Kleiner, R. V., & Rivkina, B. M. [Efficacy of drainage treatment of patients with gastro-hepato-duodeno-biliary syndrome at the Berezovsk Spa]. Klin. med., Moskva, 1936, 14: 687-93.—Korbsch, R. Was leistet die Jejunalsondenbehandlung bei Magen- und Zwölffingerdarmkrankungen? Med. Klin., Berl., 1935, 31: 345-7.—Lipowski. Die moderne Therapie der Magen-Darmkrankheiten. Ther. ärztl. Prax., 1910, 1: 94-103.—Martinskovsky, B. [Handling gastro-intestinal patients in one-man dispensaries]. Mosk. med. J., 1930, 10: 33-6.—Meyer, J. The management of diseases of the gastro-intestinal tract in the aged. Med. Clin. N. America, 1940, 24: 9-21.—Monat, H. A. Evaluation of medical therapy of the upper gastro-intestinal tract. Med. Ann. District of Columbia, 1937, 6: 250-2.—Montgomery, B. E., Boor, A. K. [et al.]. The destruction of micro-organisms in the gastro-intestinal tract. J. Infect. Dis., 1931, 49: 104-26.—Morrison, T. H., & Morrison, S. The application of a modified psychiatric approach in the treatment of certain gastro-intestinal disorders. Ann. Int. M., 1931, 5: 371-80.—Neff, F. C. The chemistry of dehydration, its relation to practical treatment of gastro-intestinal disturbance in early childhood. J. Missouri M. Ass., 1932, 29: 58-62.—Plonskaia, V. P. [Certain results following measures to lower infantile gastro-intestinal diseases in 1939]. Pediatria, Moskva, 1940, No. 4, 73-9.—Redfield, R. L. Unusual remedies in gastroenteric disorders. Pacific Coast J. Homeop., 1940, 51: 308-10.—Roï, G. Ricerche sulle modificazioni indotte dall'uso del batteriofago a carico della flora microbica fecale nelle affezioni gastro-intestinali infantili. Lattante, 1931, 2: 177-85.—Ryss, S. M. [Transfusion of homo- and heteroblood in gastro-intesti-

nal diseases]. Vest. khir., 1937, 51: 187-93.—Schmidt, A. Nachbehandlung von Kriegserkrankungen des Magen-Darmkanals und des Bauchfells. Bechndl. Kriegsverletz., Jena, 1916, T. 2, 36-47.—Schmidt, W. Biochemische Behandlung von Verdauungsstörungen. Mitt. Biochem., Lage, 1933, 40: 67-70.—Schneiderbauer, A. Ueber symptomatische Therapie bei Erkrankungen des Magen-Darm-Kanals. Ther. Gegenwart, 1939, 80: 381.—Strauch, F. W. Fortschritte in der Behandlung der Magen-Darmkrankheiten. Fortsch. Ther., 1939, 15: 61; 150.—Strauss, H. [Progress in diagnosis and treatment of gastric and intestinal diseases]. Warsz. czas. lek., 1935, 12: 365, 385.—Suárez, R. M. Trastornos gastrointestinales en la infancia; tratamiento y re-alimentación. Bol. as. méd. Puerto Rico, 1934, 26: 18-24.—Tour, A. F. [Most frequent errors in prophylaxis, diagnosis and therapy of dyspepsia and colitis in young children]. Pediatria, Moskva, 1939, No. 4, 7-15.—Tudoranu, G. [New data on the treatment of the gastro-intestinal tract]. Romania med., 1937, 15: 133.—Weskott, H. Die Behandlung der Magen-Darm-Krankheiten im Kurort. Ther. Gegenwart, 1939, 80: 200-3.—Wöhrmann, W. Die Bekämpfung des Schmerzes im Magen- und Darmkanal. Med. Welt, 1931, 5: 1604.—Yates, J. L., Raine, F., & Stevens, G. W. Therapeutic aspects of gastro-intestinal subcompetence. Tr. Am. Surg. Ass., 1929, 47: 37-49. Also Ann. Surg., 1929, 90: 517-29.

— Disease: Treatment: Diet, and physiotherapy.

CARDINI, C. Regimen alimenticio en las enfermedades del estómago y del intestino. 493p. 23cm. B. Air., 1938.

FELDBACH, S. *Beiträge zur Ernährung magendarmkranker Säuglinge mit Buttermilch. 38p. 8°. Bern, 1905.

MANGEZ, E. *Essai sur la diététique des débilés digestifs, intestinaux et hépatiques [Paris] 27p. 24cm. Château-Thierry, 1939.

SCHOLTA, A. Diätetische Richtlinien für Magen- und Darmkranke, mit besonderer Berücksichtigung der homöopathischen Diätetik; Speisezusammensetzungen von Frau Anna Scholta. 81p. 16°. Lpz., 1928.

WEGELE, C. Die diätetische Küche; Magen- und Darmkranke; nebst genauen Kochrezepten von Josefine Wegele. 8. Aufl. 111p. 12°. Jena, 1929.

Addis, T. Hypertrophy of the gastro-intestinal tract and high residue diets. Am. J. Physiol., 1932, 99: 417-23.—Andresen, A. F. R. Dietary principles in the treatment of gastro-intestinal diseases. Am. J. Digest. Dis., 1937-38, 4: 1-4.—Barchash, P. A. [Dietotherapy in gastro-intestinal diseases]. Mosk. med. J., 1925, 5: pt 4, 45-52.—Roas, I. Richtlinien der Diätetik bei Magen- und Darmkrankheiten. Zschr. ärztl. Fortbild., 1925, 22: 707; 740. — Neuere Erfahrungen über die lakto-vegetabilische Diät bei Magen- und Darmkrankheiten. Fortsch. Ther., 1929, 5: 211-6.—Copeland, E. P. Artificial feeding; constipation and colic. J. Pediat., S. Louis, 1940, 16: 125-31.—Deckert, W. Die Bad Homburger Quellen und ihre Salzwirkungen bei Magendarmleiden. Med. Welt, 1934, 8: 527.—Ehrmann, R. Die Diätetik der Magen- und Darmkrankheiten. Ibid., 1930, 4: 207-11.—Elkin, S., & Meyer, J. Teaching gastro-intestinal patients how to eat. Mod. Hosp., 1933, 40: 104-8.—Enault. Les syndromes gastro-intestinaux et les 2 grandes stations intestinales françaises: Plombières et Châtel-Guyon. Marseille méd., 1934, 71: 269-90.—Falconer, M. A. Water and salt replacement in certain gastro-intestinal conditions. N. Zealand M. J., 1940, 39: 16-24.—Gloor-Meyer, W. Die diätetische Behandlung der Magen-Darm-Krankheiten. Praxis, Bern, 1936, 25: 150-5.—Knapp, J. Dietetics in gastro-intestinal disease. J. M. Soc. N. Jersey, 1933, 30: 724-8.—Kovács, R. Physical therapy in gastro-intestinal conditions. Rev. Gastroenter., 1934, 1: 145.—Laqueur, A. Ueber die Anwendung der Diathermie bei Erkrankungen des Magen-Darmkanals. Arch. Verdauungskr., 1926, 37: 218-24.—Lenk, R., & Holzkecht, G. Roentgen-ray therapy of gastric and duodenal ulcers and other benign affections of the gastro-intestinal tract. Radiology, 1926, 6: 37-40.—Lourie, G. S. [Study of the results obtained in the treatment of gastro-intestinal diseases by diathermy]. Vrach. delo, 1928, 11: 1477-9. Also Arch. Verdauungskr., 1929, 45: 224-30.—Meerovich, M. [Efficiency of diet in acute gastro-intestinal affections]. Sovet. vrach. gaz., 1934, 38: 850.—Müller, H. La physiothérapie des affections gastro-intestinales. Schweiz. med. Wschr., 1936, 66: 404-9.—Noorden, K. F. [Dietetic treatment of diseases of the stomach and intestines]. Klin. med., Moskva, 1926, 4: 401-7. Also Zschr. ärztl. Fortbild., 1926, 23: 409-19.—Olin, C. O. [Principles and methods of dietetic treatment]. Hygiea, Stockh., 1926, 88: 961-85.—Osgood, H. A. Physical medicine in the treatment of gastro-intestinal conditions. Med. Rec., N. Y., 1937, 145: 460-3.—Pevzner, M. I. Influence des régimes alimentaires sur la régulation neuro-humorale dans les maladies du tube gastro-

intestinal. Acta med. URSS, 1939, 2: 289-96.—Robin, W. Ueber die Wirkung der Rohitscher Donatquelle bei Magen- und Darmkrankheiten. Zbl. inn. Med., 1912, 33: 455 9.—Strasser, A. Physikalische Therapie bei Magen-Darmkrankheiten. Wien. klin. Wschr., 1929, 42: 998-1002.—Villaret, M. Crénotherapie des maladies de l'estomac et de l'intestin. Nutrition, Par., 1931, 1: 677-97.—Zoeller, C. Nouveaux exemples des heureux effets de l'abstention thérapeutique et d'un régime équilibré au cours de certains états gastro-intestinaux. Bull. Soc. méd. mil. fr., 1933, 27: 56-65.

— Disease: Treatment: Drugs.

BARRÈS, A. M. J. *Contribution à l'étude sur l'emploi du calomel dans les troubles gastro-intestinaux du nourrisson. 56p. 8°. Par., 1935.

BOESE, W. *Das klinische Bild der Behandlung von Magen- und Darmerkrankungen mit Torantil [Breslau] 44p. 21cm. Gütersloh, 1938.

Antoine, E., & Rolland, P. Etude de quelques poudres dans le traitement des affections gastro-intestinales (carbonate de bismuthkaolin et hydrate de magnésie). Arch. mal. app. digest., Par., 1928, 18: 730-49.—Ascoli, R. L'acido lattico nella cura delle forme gastro-intestinali. Pensiero med., 1932, 21: 100-5.—Baker, H. The use of insulin in gastrointestinal disturbances. Rev. Gastroenter., 1936, 3: 258-65.—Brandes, F. K. Zur Behandlung von Magen-Darmerkrankungen mit Ventropharm. Med. Klin., Berl., 1936, 32: 845.—Brennan, W. A. The value of calcium in diseases of the gastro-intestinal tract. Clin. M. & S., 1932, 39: 746.—Clava, E. Contributo alla terapia di alcune affezioni gastro-intestinali col carbantrén. Gazz. osp., 1938, 59: 842-5.—Colanagli, L. La medicazione zolfo-lattica nella cura dei disturbi gastro-intestinali dell'infanzia. Prat. pediat., Milano, 1935, 13: 377-84.—Connelly, R. C. Colloidal aluminum hydroxide therapy in upper gastro-intestinal lesions. J. Michigan M. Soc., 1938, 37: 706-11.—Emery, E. S., jr. La farmacopea y el médico; el uso de adsorbentes en las afecciones gastrointestinales. Bol. Of. san. panamer., 1938, 17: 601-8.—Esser, H. Die Behandlung von Magen- und Darmkrankheiten mit Adsorgan. Med. Welt, 1930, 4: 1443.—Euteneuer, M. Erfahrungen mit Combizym bei Erkrankungen des Magen-Darmtraktes. Münch. med. Wschr., 1939, 86: 815-7.—Fischl, L. Ueber Kombinations-therapie im Magendarmtraktus mit Enzypan. Med. Klin., Berl., 1928, 24: 704.—Franke, H. Zur Arzneltherapie des Magen-Darmtraktes. Ther. Gegenwart, 1936, 77: 29-32.—Gestri, R. La medicazione zolfo-lattica applicata alla cura ed alla prevenzione dei disturbi gastro-intestinali. Prat. pediat., Milano, 1936, 220-3.—Giesemann, K. Fermenttherapie bei Magen- und Darmkrankheiten. Fortsch. Ther., 1928, 4: 564.—Güttner, J. Targasin bei Magen- und Zwölffingerdarmkrankungen. Deut. med. Wschr., 1937, 63: 827.—Hannon, J. Note sur l'emploi de l'hydrate chronique vert. contre les névroses gastro-intestinales et les diarrhées. Presse méd. belge, 1865-66, 18: 361.—Hardy, T. L. The use and abuse of drugs in gastro-intestinal disorders. Practitioner, Lond., 1937, 138: 434-50.—Hellstern, E. P. Behandlung verschiedenartiger Krankheitszustände des Magendarmkanals mittels Gastronida. Fortsch. Ther., 1928, 4: 187-9.—Jaeger, H. Anwendung von Carbarom bei Magen-Darmkrankungen. Münch. med. Wschr., 1936, 83: 975.—Kessler, A. Silargel und Adsorgan für die Adsorptionstherapie des Magen-Darmkanals. Tungehl med. Mschr., 1928-29, 4: 145-51.—Krause, W. Zur Behandlung von Magen- und Darm-Krankheiten mit Targasin. Münch. med. Wschr., 1935, 82: 1285-7.—Kümmell, H. Yaten 105 in der Verhütung und Behandlung allgemeiner Magen-Darmbeschwerden in den Tropen. Arch. Schiffs Tropenhyg., 1928, 32: 256-61. Also Tungehl med. Mschr., 1928-29, 4: 247-54.—Kushko, V. A. [Carotin in treatment of gastro-intestinal diseases] Kazan. med. J., 1939, 35: No. 5-6, 13-5.—Ludwig, M. G. Novoprotin bei Magen-Darmneurosen. Münch. med. Wschr., 1929, 76: 2094.—Lyon, E. Antionkische Wirkungen des Targasin bei Magen- und Darmkrankheiten. Med. Klin., Berl., 1928, 24: 140.—Meyer, E. Pflanzliche Therapie; pflanzliche Therapie der Erkrankungen des Magen-Darmkanals. Fortsch. Med., 1934, 52: 237-43.—Nemes, J. G. [Improved adsorptive treatment of gastro-intestinal infections] Gyógyszer, 1939, 79: 467.—Podolsky, E. The uses of calcium in diseases of the gastrointestinal tract. Med. J. & Rec., 1932, 136: 473-5.—Rosencrantz, H. Gerbsäure in der Diagnostik und Therapie von Magen- und Zwölffingerdarmkrankungen. Med. Klin., Berl., 1930, 26: 381-3.—Scholz, W. Zur peroralen Zuckerwirkung auf die Magensaftsekretion bei Magen- und Darmkrankheiten. Münch. med. Wschr., 1934, 81: 1965-7.—Stalder, H. Calcibronat (Ca-Br-lactobionat) speziell bei Magendarmleiden. Schweiz. med. Wschr., 1933, 63: 734.—Stejskal, K. Die Adsorptionstherapie der gastrointestinalen Störungen. Wien. med. Wschr., 1929, 79: 31.—Taubmann, G. Therapie mit Drogen; Magen- und Darmkrankheiten. Med. Klin., Berl., 1934, 30: 1364-6.—Visybla, C. Beitrag zur Behandlung von Magen-Darmstörungen mit Carbargan. Wien. med. Wschr., 1938, 88: 592.—Wood, M. A. Methylene blue therapy in chronic gastro-intestinal conditions. Texas J. M., 1939-40, 35: 218-21.

— Disease—in animals.

See also Gastroenteritis—in animals.

Bystrov, N. M. [Microclimate of the stable in the pathogenesis of gastro-intestinal affections of the horse] Sovet. vet., 1939, 16: 59-63.—Gastrointestinal diseases of the dog and their differentiation. North Am. Vet., 1937, 18: 38.—Samyshkin, M. S., & Kharin, S. I. [Treatment of gastro-intestinal affections of shoats with a concoction of vodka, tea and sugar] Sovet. vet., 1940, 17: 83.—Wright, J. G. The diagnosis of gastric and intestinal diseases in the dog and cat. Vet. Rec., Lond., 1932, 12: 1139.—Wyssmann, E. Ueber die Pulsverlangsamung bei Magendarmkrankungen des Rindes. Schweiz. Arch. Tierh., 1938, 80: 15-23.

— Diverticulum.

Bainbridge, W. S. Gastrointestinal diverticula. Med. J. & Rec., 1926, 124: 317; 397. Also Texas J. M., 1926-27, 22: 560-5.—Buchem, F. S. P. van [Diverticulum of the stomach and duodenum] Ned. tschr. geneesk., 1935, 79: 823-8.—Hillemand, P., Garcia-Caldron, J. [et al.] Deux cas de diverticule gastrique associé à d'autres diverticules du tractus digestif. Bull. Soc. méd. hôp. Paris, 1938, 3. ser., 54: 228-31.—Lenarduzzi, G. Diverticolo congenito dello stomaco, diverticolo funzionale del colon, pseudo-diverticolo della colecisti per ingiunzione congenito del fondo nello stesso soggetto. Arch. radiol., Nap., 1932, 8: pt 2, 444-7.—Meisels, E., & Schütz, M. [Diverticula of the stomach and duodenum] Polski przegl. radjol., 1930, 5: 281-319, 6 pl.—Wheatley, E. J. Gastro-intestinal diverticulosis (internist's phase). Radiol. Rev., 1932, 54: 186-9.—Whiting, R. G. Diverticula of the gastro-intestinal tract. Surg. Clin. N. America, 1937, 17: 779-86.

— Drainage, and lavage.

See also Duodenal tube; Gastric juice, Removal; Intestines, Obstruction; Stomach.

Abramson, P. D. A note on the use of constant suction drainage of the gastro-intestinal tract. Tristate M. J., 1934-35, 7: 1449-53.—Bukatko, N. A. [Lavage of the stomach and duodenum as therapeutic method] Sovet. vrach. J., 1936, 1: 1530-8.—Burk, W. Extraperitonealisierung der Drainage wegen schwieriger Duodenalstumpfvorsorgung, usw. Zbl. Chir., 1933, 60: 804.—Einhorn, M. Ein neuer Gastroduodenalapparat und seine Anwendungsmethode. Deut. med. Wschr., 1927, 53: 802.—Hempel, C. Zur kontinuierlichen Entleerung des Mageninhaltes und des oberen Dünndarminhaltes beim Ileus. Chirurg, 1934, 6: 14-6.—Lindsay, P. T. Gastro-intestinal lavage in the dog. Vet. Rec., Lond., 1934, 14: 914.—Paine, J. R. The hydrodynamics of the relief of distention in the gastro-intestinal tract by suction applied to intlying catheters. Arch. Surg., 1936, 33: 995-1020.—Palmer, L. A. Suction siphonage drainage of the stomach and duodenum. Hosp. News, Wash., 1935, 2, 8: 9-25.—Penberthy, G. C., Johnson, C. G., & Noer, R. J. The treatment of adynamic ileus by gastrointestinal intubation. South. Surgeon, 1939, 8: 416-25.—Reguciro López. Sondaje de toda la cavidad gastrointestinal. Arch. med. Madr., 1934, 37: 354.—Roberts, C. G. Transduodenal decompression and reintroduction by proctoclysis of gastro-intestinal drainage in acute mechanical ileus. J. Am. M. Ass., 1934, 102: 1149-51.—Sanderson, E. L., & Abramson, P. D. A modified Murphy tube for constant suction drainage of the stomach and intestine. N. Orleans M. & S. J., 1935-36, 88: 109.—Schemensky, W. Zur Spülbehandlung des Magendarmkanals. Deut. med. Wschr., 1937, 63: 700-2.—Wangenstein, O. H., & Paine, J. R. Nasal catheter suction siphonage: its uses and the technic of its employment. Minnesota M., 1933, 16: 96-100.—Ward, R. An apparatus for continuous gastric or duodenal lavage. J. Am. M. Ass., 1925, 84: 1114.

— Effect of physical agents.

Beazell, J. M., Schmidt, C. R., & Ivy, A. C. The effect of heat on blood and lymph flow from the gastro-intestinal tract. Am. J. Physiol., 1937, 119: 197-205.—Boyden, E. A., & Rigler, L. G. Localized pain accompanying faradic excitation of the stomach and duodenum. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 655. — Localization of pain accompanying faradic excitation of stomach and duodenum in healthy individuals. J. Clin. Invest., 1934, 13: 833-51.—Clarke, R. M. Some observations on the influence of bowel irritation over the gastric and duodenal region. California West M., 1926, 25: 480-2.—Hepburn, J. S., Eberhard, H. M. [et al.] Temperature of the gastro-intestinal tract; the effect thereon of hot and cold foods and of physical therapeutic agents. Arch. Int. M., 1933, 52: 603-15. Also repr.—Popov, N. F. [Effect of emotional condition during alimentary excitation on the motor cerebrospinal reflex] Sovet. nevropat., 1933, 2: 785-93.—Reynolds, G. S. The response of the gastro-intestinal tract to external electric stimulation. Radiology, 1931, 17: 1276-80.—Snell, A. M., & Bollman, J. L. Gastric secretion following irradiation of the exposed stomach and the upper abdominal viscera by roentgen rays. Collect. Papers Mayo Clin., 1934, 26: 57.

— Endocrine aspect.

See also subheading Hormones.

Annes Dias. Influência das glândulas de secreção interna na patologia gastro-intestinal. Arch. rio grand. med., 1920, 1: 105-15.—**Bauer, J.** Kritisches über die Beziehungen zwischen Störungen der Magen-Darmfunktion und solchen der Inkretionsorgane. Wien. med. Wschr., 1927, 77: 1339.—**Collip, J. B.** The endocrines in relation to the gastro-intestinal tract. Tr. Am. Gastroenter. Ass., 1938, 41. meet., 109-12. Also Am. J. Digest. Dis., 1938-39, 5: 587-90.—**Cunha, F.** The role of the thyroid in gastrointestinal dysfunction. Am. J. Surg., 1940, 48: 601-8.—**Friedenwald, J., & Morrison, S.** Gastro-intestinal disturbances associated with the endocrinopathies. Endocrinology, 1933, 17: 393-413.—**Gutzeit, K.** Innere Sekretion und Magen-Darmleiden. Med. Klin., Berl., 1935, 31: 901-3.—**Hernández, T.** Alteraciones gastrointestinales en los enfermos endocrínicos. Día méd., B. Air., 1931-32, 4: 231.—**Laporta, M., Pepe, M., & Marinelli, P.** Sulle correlazioni umorali fra ipofisi e mucosa gastroenterica. Arch. sc. biol., Bologna, 1936, 22: 379-98.—**Lorenz, G.** The gastro-intestinal tract and the endocrines: an attempt to establish an interrelationship. Hahnemann. Month., 1938, 73: 297-308.—**Morrison, S., & Feldman, M.** An experimental study of the effect of the thyroid on the motility of the gastro-intestinal tract. Am. J. Digest. Dis., 1939-40, 6: 549-56.—**Moruzzi, G.** Turbe endocrine al limite nel normale in gastroenteropatologia. Arch. ital. app. diger., 1931-32, 1: 369.

— Examination.

MARTÍNEZ, F. F. Exploración del estómago y de los intestinos. 362p. 8°. Madr. [1920]

MORICHAU-BEAUCHANT, R. L'exploration de l'estomac et du duodénum. 192p. 18°. Par., 1930.

Examination of the gastro-intestinal tract. N. Zealand M. J., 1931, 30: 385-7.—**Ferro, A.** Ricerche sul valore della cromoscopia gastrica col rosso neutro nei lattanti sani e nei lattanti con alterata funzionalità gastro-enterica. Lattante, 1938, 9: 187-202.—**Flekel, I. M.** [On the frequency of palpation of the normal parts of gastro-intestinal tract] Russ. klin., 1925, 3: 556-69. Also Arch. Verdauungskr., 1925-26, 36: 406-22.—**Katsch, G.** Ueber neuere funktionelle Untersuchungsmethoden des Magens und Duodenums. Deut. med. Wschr., 1927, 53: 947. Also Verh. Deut. Ges. inn. Med., 1927, 39. Kongr., 264-93.—**Lysholm, E.** Gas filling of the stomach and duodenum as aid in their examination. Acta radiol., Stockb., 1937, 18: 249-62.—**Regueiro López.** Sondaje de toda la cavidad gastrointestinal. Med. iberica, 1934, 28: 384. Also Siglo méd., 1934, 93: 309.—**Sigaud, C.** De l'exploration externe du tube digestif. Bull. Soc. méd. Gand, 1901, 68: 8-28. Also Lyon méd., 1901, 97: 461-474; 508.—**Sobolev, A. S.** [Catheter for the examination of the gastro-duodenal tract of the horse] Sovet. vet., 1939, 16: No. 4, 57.—**Stumm, T. W.** Some remarks on routine examinations in the gastro-intestinal tract. J. Lancet, 1912, 32: 41-6.—**Wiener, E.** Beiträge zur Magen-Darm-Auskultation. Wien. med. Wschr., 1928, 78: 1488.

— Fistula.

See also Gastroenterostomy, Sequelae.

RAHM [H.] R. *Ueber Fisteln des Magendarmkanals. 38p. 8°. Lpz., 1932.

Bonneaux, G. Note concernant l'emploi du lipiodol dans l'exploration radiologique des fistules des voies digestives. J. radiol. électr., 1929, 13: 672-7.—**Brull, L.** Stéatorrhée et déminéralisation par fistule gastro-colique. Rev. belge sc. méd., 1938, 10: 581-6.—**Bürkel-de la Camp, H.** Abgeschnürter Pylorusteil bei gastrokoliche Fistel infolge peptischen Dünndarmgeschwürs. Deut. Zschr. Chir., 1930, 225: 405-8.—**Casellas, P. R.** An unusual pathologic condition of the stomach with abnormal opening into the jejunum. J. Am. M. Ass., 1926, 87: 1393.—**Co Tui, F.** Kaolin in the treatment of external gastro-intestinal fistulas. Ann. Surg., 1930, 91: 123-5. — The exorizations around external gastro-intestinal fistulae; experimental studies on their etiology and further experience with the kaolin powder treatment. Ibid., 1933, 98: 242-8.—**Crocker, B. F., & Markowitz, J.** A technic for the complete fistulization of the gut at any level of the gastro-intestinal tract. Am. J. Physiol., 1936, 116: 33.—**Cunningham, W. F.** The prevention and treatment of abdominal wall excretion in gastric and intestinal fistulas by copper bronzing powder. J. Am. M. Ass., 1932, 98: 1643.—**Eggs, F.** Spontane Magen-Duodenalfistel. Röntgenpraxis, 1939, 11: 502-4.—**Evans, A. G., & Skinner, H. L.** Gastrojejunocolic fistula. Hosp. News, Wash., 1940, 7: No. 10, 1-12.—**Foà, A.** Studio delle fistole gastriche e intestinali con mezzi di contrasto. Minerva med., Tor., 1932, 23: pt 2, 193.—**Friedenwald, J., & Feldman, M.** Gastrocolic fistulae due to carcinoma; report of 3 cases. Tr. Ass. Am. Physicians, 1933, 48: 355-63.—**Funck-Brentano, P.** Fistule gastro-jéjuno-colique; triple résection; coecostomie; guérison. Mém. Acad. chir., Par., 1938, 64: 853-61.—**Glickman, L. G.** Gastrojejunocolic fistula. Radiology, 1934, 23: 609-14.—**Golovinchits, V. A.** [Case of spontaneous fistula of the stomach and large intestine] Khirurgia, Moskva, 1939, No. 8, 115.—**Hänganüt, M., & Drăgulescu, I.** [Case of gastro-

duodenal fistula] Cluj. med., 1929, 10: 408.—**Jukovitzky, I. M.** [Automatic anastomosis of the stomach and colon without acute clinical symptoms] Vrach. delo, 1927, 10: 46-8.—**Löw-Beer, A.** Fistula gastro-duodenalis im Röntgenbilde; Beitrag zur schneckenförmigen Einrollung des Magens. Fortsch. Röntgenstrahl., 1931, 43: 435-41.—**Loewy, G.** A propos de 5 observations de fistules gastro-jéjuno-coliques; opération en 2 temps; technique chirurgicale. J. chir., Par., 1939, 53: 30-48.—**Margarucci, O.** Contributo casuistico al trattamento delle grandi fistole gastriche e duodenali. Arch. ital. chir., 1938, 52: 847-63.—**Melchart, F.** Zur Frage der Fistula gastro-duodenalis im Röntgenbilde. Fortsch. Röntgenstrahl., 1931, 44: 335-42.—**Monroe, R. T.** Fistula as a complication of peptic ulcer; with a summary of the literature and a report of a case of gastro-duodenal fistula. Am. J. M. Sc., 1927, 174: 599-609, pl.—**Mowery, C. R.** Gastrojejunocolic fistula. Northwest M., 1939, 38: 283-6.—**Nario, C.** Fistulas gastricas y duodenales externas: tratamiento por el sifonaje. An. Fac. med., Montev., 1925, 10: 949-74, 2 pl.—**Nofkin, L. J.** Spontaneous gastroduodenal fistula; review of the literature with report of a case. Canad. M. Ass. J., 1939, 41: 166-72.—**Petacci, M.** Radicale intervento chirurgico per fistola gastro-diguno-colica; guarigione. Policlinico, 1938, 45: sez. chir., 480-4.—**Pfeiffer, D. B., & Kent, E. M.** The value of preliminary colostomy in the correction of gastrojejunocolic fistula. Tr. Am. Surg. Ass., 1939, 57: 224-33.—**Rădulet, V.** [Case of gastro-duodenal pseudo-fistula] Cluj. med., 1935, 16: 587-90.—**Rankin, J. O.** Gastroboilecystic fistula, case report. Am. J. Surg., 1932, n. ser., 15: 109-11.—**Rife, C. S.** Gastrojejunocolic fistula. Ibid., 1938, 40: 73-83.—**Shliefer, I. G.** [Roentgen picture of internal fistulas of the gastro-intestinal tract] Vest. rentg., 1932, 11: 482-91.—**Szöllösy, L.** [Closure of gastric and intestinal fistulas] Orv. hetil., 1939, 83: 713-6.—**Woerden, J. van** [Gastro-jéjuno-colic fistula] Ned. tscr. geneesk., 1939, 83: 2673-80.

— Foreign body, and calculus.

See also Bezoar; Coprolith; Esophagus, Foreign body; Fecaloma.

MAURER, M. L. *Ueber Fremdkörper im Magendarmkanal unter besonderer Berücksichtigung der offenen Sicherheitsnadeln [Basel] 19p. 8°. Mulhouse, 1936.

MEINKING, R. *Ein Fall von Fremdkörper-schlucken [Heidelberg] 16p. 8°. Bresl., 1935.

PAZIAUD, G. *De la conduite à tenir en présence des corps étrangers de l'estomac et du duodénum dans la première enfance. 73p. 8°. Par., 1933.

PILLON, P. F. *Les corps étrangers de l'estomac et de l'intestin des carnivores; traitement chirurgical [Alfort] 59p. 8°. Charenton, 1927.

WENDRICH, W. *Ueber Fremdkörper im Magendarmkanal. 47p. 8°. Münch., 1932.

Anissimova, M. N. [Case of a foreign body in the gastro-intestinal tract] Sovet. khir., 1932, 3: 348.—**Arsimoles & Legrand.** Sur les corps étrangers du tube digestif. Echo méd. nord, 1912, 16: 371-4.—**Binotto, A.** Contributo allo studio dei corpi estranei del canale gastroenterico. Gior. venet. sc. med., 1939, 13: 445-62.—**Buckstein, J.** Unusual foreign bodies in the gastro-intestinal tract. J. Am. M. Ass., 1926, 87: 661.—**Cannaday, J. E.** Foreign bodies in the stomach and intestines. Tr. South. Surg. Ass., 1931, 43: 502-19. Also Ann. Surg., 1931, 94: 218-32.—**Clerf, L. H.** Foreign bodies in the gastro-intestinal tract. Surg. Clin. N. America, 1934, 14: 77-88.—**Dejardin, F.** Corps étranger du tube digestif. J. accouch., Liège, 1901, 22: 199.—**Dufresne, E.** Corps étrangers de l'estomac et de l'intestin. Union méd. Canada, 1935, 64: 1323-9.—**Eggs, F.** Zur Kasuistik der Fremdkörper im Magen-Darmkanal. Röntgenpraxis, 1938, 10: 169-71.—**Eitel, G. D.** Ingested foreign bodies in the gastro-intestinal tract requiring surgical removal. Minnesota M., 1935, 18: 52-9.—**Goettsch, H. B.** [Foreign bodies in gastrointestinal tract] Ned. tscr. geneesk., 1930, 74: 1608-10, 2 pl.—**Greeley, P. W.** Removal of slender foreign bodies from the stomach and duodenum without gastrotomy or duodenotomy. J. Am. M. Ass., 1933, 101: 119.—**Greenwood, J., jr.** Multiple foreign bodies in the gastro-intestinal tract. Arch. Neur. Psychiat., Chic., 1935, 33: 1373-6.—**Grünstein, J.** Zur Frage des Schicksals von Fremdkörpern im Magen-Darmkanal. Zbl. Chir., 1928, 55: 585-7.—**Henderson, F. F., & Gaston, E. A.** Ingested foreign body in the gastro-intestinal tract. Arch. Surg., 1938, 35: 66-95.—**Hudson, R.** Stones in the stomach and intestines of young pigs. Vet. J., Lond., 1939, 95: 451.—**Jacques, P.** Transit gastro-intestinal inoffensif d'une épingle de sûreté ouverte chez un bébé de 7 mois. Rev. méd. Nancy, 1936, 64: 489-95.—**Kissinger, P.** Fremdkörper im Magendarmkanal. Med. Klin., Berl., 1927, 23: 479.—**Klose, H.** Fremdkörper im Magen-Darmkanal. Reichs Med. Anz., 1915, 50: 89-93.—**Kukowka.** Kasuistischer Beitrag zur Fremdkörperneklemmung im Duodenum und Magen. Röntgenpraxis, 1933, 5: 819-21.—**Lauxen, P. N.** Ueber Fremdkörper im Magen-Darm-Kanal. Klin. Wschr., 1934, 13: 1314.—**Lehr, L.** Fremdkörperchirurgie des Magens und des Darmes

beim Hunde. Wien. tierärztl. Mschr., 1929, 16: 665-80.—**Lewisohn, R.** Open baby-pin passed through the gastro-intestinal tract of a 20-month-old infant. Am. J. Surg., 1927, n. ser., 1: 172.—**Liapin-Dolinsky, A. D.** [Foreign bodies of the gastro-intestinal tract] Khirurgia, Moskva, 1939, No. 8, 112.—**Liebers, M.** Siebenmalige Laparotomie eines Psychopathen wegen Fremdkörper im Magendarmkanal. Münch. med. Wschr., 1927, 74: 815.—**Mariantschik, L. P.** Zur Kasuistik von multiplen Fremdkörpern in der Speiseröhre und im Magen-Darmkanal. Zbl. Chir., 1925, 52: 2710-5.—**Mülleder, A.** Ueber einige bemerkenswerte Fremdkörperoperationen am Magendarmkanal. Deut. Zschr. Chir., 1930, 225: 399-405.—**Myerson, M. C.** Foreign bodies in the stomach and intestines. Tr. Am. Laryng. Ass., 1928, 50: 1-52. Also Arch. Otolaryng., 1928, 8: 675-85. Also repr. Also Long Island M. J., 1929, 23: 410-5. Also Gazz. osp., 1929, 50: 1401-3.—**Netolitzky, F.** Pflanzenreste in Magen und Darm. Mikrokosmos, Stuttgart, 1925-26, 19: 77.—**Oeconomos, S. N.** Corps étranger de l'estomac expulsé par les voies naturelles. Montpellier méd., 1911, 33: 265.—**Power, T. D.** Swallowed foreign bodies in relation to mental hospital practice. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Surg., 891.—**Reinhart, L.** [Foreign bodies in stomach and intestines] Gyógyászat, 1938, 78: 552.—**Rork, L. W.** Radiological and clinical report of foreign bodies in the gastro-intestinal tract. Internat. Clin., 1925, 35, ser., 4: 192, 3 pl.—**Schlegel, A.** Beiträge zur Fremdkörperchirurgie des Magendarmkanals an Hand von 722 Fällen. Deut. Zschr. Chir., 1932-33, 238: 57-77.—**Shallow, T. A.** The treatment of foreign bodies in the gastro-intestinal tract from the surgeon's viewpoint. Surg. Clin. N. America, 1934, 14: 57-75.—**Siddons, A. H. M.** Swallowed foreign bodies. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Surg., 885-90.—**Smith, H. B., & Coon, E. H.** Foreign body of unusual interest in gastro-intestinal tract; report of case. Med. Times, N. Y., 1935, 63: 345.—**Szymczyk, F.** [Detection of glass in the food and intestines] Lek. wojsk., 1938, 31: 62 6.—**Taubenschlag, H.** Cuerpos extraños del estómago y del ciego, extráidos por gastrostomía y ecotomía. Bol. Soc. cir. B. Aires, 1929, 13: 708-15.—**Ueberreiter, O.** Die Indikation zum operativen Eingriffe bei Fremdkörpern im Magen und Darms des Hundes. Wien. tierärztl. Mschr., 1932, 19: 449; 451.—**Usachev, V. A.** [Cases of foreign bodies in the gastro-intestinal tract] Vest. khir., 1936, 46: 246.—**Varga, P.** [Foreign bodies in the gastro-intestinal tract] Orv. hetil., 1936, 80: mell., 153.—**Woodson, M. S.** Foreign bodies in alimentary canal of children. Med. Age, Det., 1897, 15: 425-7.

— Hemorrhage.

See also Hematemesis; Melena; Peptic ulcer, &c.

DANKOWICZ, A. A. *Contribution à l'étude des hémorragies gastroduodénales dites sine materia. 51p. 24cm. Par., 1939.

LANCIEN, R. *Remarques sur la séméiologie et la mortalité des hémorragies gastroduodénales. 71p. 8° Par., 1935.

TIXIER, L., & CLAVEL, C. Les grandes hémorragies gastroduodénales. 240p. 8° Par., 1933.

ZEITLMANN, R. *Ueber grosse Blutungen in den Magen-Darm an Hand von Autopsiefällen. 36p. 20½cm. Münch., 1938.

Aasted, G. On the increasing frequency of gastro-intestinal hemorrhages. Acta med. scand., 1938, 96: Suppl. 89, 332-6.—**Azzolini, G., & Carboncini, G.** L'iperazotemia da emorragie gastroenteriche. Policlinico, 1938, 45: sez. med., 606-23.—**Baumel, J., & Godlewski, M.** Les hémorragies gastro-intestinales. Gaz. méd. France, 1939, 46: 831-45.—**Bégouin, La-fargue** [et al.] Dix-huit cas de grandes hémorragies gastroduodénales. Bordeaux chir., 1933, 4: 133-46.—**Bennett, T. I., Dow, J.** [et al.] Severe haemorrhage from the stomach and duodenum. Lancet, Lond., 1938, 2: 651-5.—**Bianchi, A. E.** Anatomía patológica de las grandes hemorragias gastroduodénales, con excepción de las hemorragias fulminantes. Rev. As. méd. argent., 1940, 54: 246-54.—**Black, D. A. K.** Basal metabolism in gastro-intestinal bleeding. Lancet, Lond., 1940, 1: 173.—**Leese, A.** Nitrogen and chloride metabolism in gastro-duodenal haemorrhage. Q. J. Med., Oxf., 1940, 9: 129-49.—**Boas, I.** Ueber die Unterscheidung benigner von malignen Blutungen des Magendarmkanals. Deut. med. Wschr., 1935, 61: 2003-6. Also Klin. Wschr., 1935, 14: 998-1001.—**Bockus, H. L.** Gross hemorrhage into the upper gastrointestinal tract. Northwest M., 1929, 28: 485-95.—**Bollini, V.** Lesioni radiologicamente dimostrabili e loro frequenza in casi di gastro-enteroragica. Clinica, Bologna, 1935, 1: 54-65.—**Browning, H. W.** Hemorrhage from stomach and bowels (in a baby 4 days old). J. Arkansas M. Soc., 1926-27, 23: 163.—**Bücker, J.** Röntgenologische Untersuchungen bei Hämatemesis und Meläna. Fortsch. Röntgenstrahl., 1939, 59: 407-15.—**Cain, A.** La recherche des hémorragies gastroduodénales latentes par le tubage d'Einhorn. Bull. méd., Par., 1928, 42: 1171-4.—**Cave, H. A.** Gastro-intestinal haemorrhage. Canad. M. Ass. J., 1938, 38: 151-5.—**Chevallier, P., & Fiehrer, A.** Sur les hémorragies gastro-intestinales des artère-scléreuse; la toute petite tumeur méconnue. Sang. Par., 1934, 8: 111.—**Chiariello, A. G.** Sulle cause dell'iperazotemia nelle gravi emorragie

gastro-intestinali. Riv. chir., Nap., 1939, 5: 197-205.—**Codvelle, F., & Saby, J.** Les hémorragies gastro-intestinales. Arch. méd. pharm. mil., Par., 1930, 93: 1-40.—**Collins, E. N., & Knowlton, R. S.** Review of 141 consecutive cases of massive hemorrhage from the upper gastro-intestinal tract. Ohio M. J., 1939, 35: 1175-80.—**Demole, M., & Neeser, J.** L'hyperazotémie dans les hémorragies digestives. Gastroentérologia, Basel, 1939, 64: 208-26.—**Di Lullo, G.** Contributo alla patogenesi delle emorragie gastro-enteriche. Riforma med., 1936, 52: 875-7.—**Dinkin, L.** Röntgenuntersuchung blutender Affektionen des Magen-Darmkanals mittels einer Wasserstoffsperoxyd-Kontrastaufschwemmung. Fortsch. Röntgenstrahl., 1930, 41: 446-51.—**Donath, J.** Ueber Blutungen im Bereiche des Magen-Darmtraktes und ihre Differentialdiagnose. Wien. klin. Wschr., 1929, 42: 708-12.—**Durand, E.** Les grandes hémorragies gastroduodénales. Rev. méd. Nancy, 1936, 64: 271-88.—**Eliason, E. L.** The surgical significance of gastro-intestinal hemorrhage. Surg. Clin. N. America, 1932, 12: 1419-32.—**Ferrannini, A.** I rapporti patogenetici della milza e del fegato nelle emorragie gastro-enteriche. Riforma med., 1934, 50: 1314.—**Filo, E., & Subik, F.** Fibrome exogastrique avec des hémorragies gastro-intestinales (contribution à la question du diagnostic différentiel de l'hémorragie gastro-intestinale dans les processus splénomégaliques) Acta med. scand., 1939, 101: 34-9.—**Fittipaldi, E. U.** I metodi di ricerca del sangue nelle emorragie occulte gastroenteriche. Morgagni, 1930, 72: 1994-9.—**Friedenwald, J., & Morrison, S.** The clinical significance of gastro-intestinal hemorrhage. Internat. Clin., 1939, n. ser., 1: 65-91.—**Gastro-intestinal bleeding.** N. England J. M., 1933, 208: 652-4.—**Grigorescu, I. I.** [Gastro-duodenal hemorrhages] Rev. st. med., Bucur., 1935, 24: 676-703.—**Häcker, W.** Ueber den Nachweis okkultier Blutungen des Magen-Darmkanals mit besonderer Berücksichtigung des Auftretens von Koproporphyrin und Häemoglobin. Arch. Verdauungskr., 1935, 58: 268-97.—**Hess, J. H., & Rosenblum, P.** Gastro-intestinal hemorrhage in children. Med. Clin. N. America, 1926, 9: 1577-90.—**Hille, K.** Untersuchungen über Nachweis und Bedeutung von Magendarmblutungen; zur Methodik des Nachweises. Deut. med. Wschr., 1927, 53: 273-5.—**Ingegno, A. P.** The elevated blood urea of acute gastro-intestinal hemorrhage and its significance. Am. J. M. Sc., 1935, 190: 770-4.—**Johannsen, N.** Case of acute gastro-intestinal hemorrhage. Acta paediat., Upps., 1935, 17: 307-9.—**Judd, E. S., Marshall, J. M., & Hartwell, S. W.** Gastro-intestinal hemorrhage in which thorough clinical study and surgical exploration failed to reveal abnormalities except chronic appendicitis (case III) and chronic cholecystitis with cholelithiasis (case IV) Surg. Clin. N. America, 1930, 10: 10-6.—**Kaump, D. H., & Parsons, J. C.** Extrarenal azotemia in gastro-intestinal hemorrhage; general and clinical consideration. Am. J. Digest. Dis., 1940, 7: 189; 191.—**Kirklin, B. R.** The early recognition of bleeding lesions of the gastro-intestinal tract. J. Florida M. Ass., 1940-41, 27: 13-5.—**Körner, K.** Ein Fall von parenchymatöser gastro-intestinaler Blutung mit tödlichem Ausgang. Arch. Verdauungskr., 1926, 39: 177-86.—**Langevin, M., & Barbe.** Hémorragie gastro-intestinale massive au cours d'une syphilis secondaire. Arch. mal. app. digest., Par., 1939, 29: 903-8.—**Lardinois, G.** Les hémorragies gastroduodénales en dehors du cancer et des ulcères chroniques. Bruxelles méd., 1935-36, 16: 1288.—**Lereboullet, P.** Le meläna et les hémorragies gastro-intestinales du nouveau-né. Progr. méd., Par., 1930, 2061-6.—**Link, K. H., & Zeilmann, R.** Ueber Ursachen und Entstehung der sogenannten grossen Blutung in den Magen-Darmkanal. Zbl. Chir., 1939, 66: 1815-25.—**Luquet, G.** Complexité du diagnostic dans les hémorragies gastroduodénales. Bull. Soc. méd. Paris, 1935, 392-6.—**McPeak, E. M.** The role of the Roentgen ray in determining the cause of gastrointestinal bleeding. South. M. J., 1932, 25: 247-51. Also repr.—**McVay, J. R.** The significance of gastro-intestinal hemorrhage. Month. Bull. Kansas City Clin. Soc., 1936, 12: 9-11.—**Maltoni, U.** Ricerca del sangue occulto di origine gastrica e duodenale. Pensiero med., 1927, 16: 384.—**Marshall, W. H.** Gastrointestinal hemorrhage. Clin. M. & S., 1932, 29: 130; 139.—**Means, J. H.** Upper gastro-intestinal hemorrhage. Med. Clin. N. America, 1938, 22: 737-48.—**Milliet, G. W.** Significance of gastro-intestinal hemorrhage. Northwest M., 1936, 35: 26-8.—**Neis, P.** La recherche des hémorragies gastroduodénales latentes par le tube d'Einhorn. Clinique, Par., 1930, 25: 13.—**Papin, F.** De la diversité des lésions responsables des grandes hémorragies gastroduodénales d'origine ulcéreuse. Bordeaux chir., 1934, 5: 25-33.—**Peluffo, E.** A propósito de las hemorragias gastro-intestinales en los estados tóxicos del lactante. Arch. pediat. Uruguay, 1938, 9: 171-7.—**Petermann, J.** Diagnostische Schwierigkeiten und Irrtümer bei Blutungen aus dem Magen-Darmkanal. Deut. med. Wschr., 1928, 54: 1507. Also Zbl. Chir., 1926, 53: 2591.—**Petrova, A. E.** [Gastro-intestinal hemorrhages in internal diseases] Ter. arkh., 1936, 14: 1066-77.—**Polichetti, E.** Osservazioni di 5 casi de ematemesi e melene alte senza ulcéri gastroduodenali. Ann. ital. chir., 1930, 9: 245-62.—**Rabinerson, A. B.** [Roentgen diagnosis and clinics of periduodenitis and non-ulcerous, non-cancerous gastro-duodenal haemorrhage] Sovet. khir., 1932, 3: 133-6.—**Reinhart, H. L.** Case record presenting clinical problems; an 8 year old white boy developing headache, vomiting, fever, cough, drowsiness, gastro-intestinal hemorrhage; death on the 7th day. Ohio M. J., 1937, 33: 1012.—**Rio, A. del.** Hemorragia gástrica y enterorragia, hematemesis y melena. An. Hosp. S. José, Madr., 1933-34, 5: 257-61.

Also Rev. san. mil., Madr., 1935, 25: 14-7.—**Rivers, A. B.** Hemorrhagic focal gastroduodenal lesions; preliminary report of 3 cases. Arch. Int. M., 1927, 39: 564-70. — Hemorrhage from the stomach and duodenum. In *Stomach & duodenum* (Eusterman, G. B. et al.) Phila., 1936, 751-62.—**Rufanov, I. G.** [Study of gastro-intestinal hemorrhages in extra-abdominal operations] Russ. klin., 1927, 7: 584-93.—**Sante, L. R.** Massive hemorrhage from the gastrointestinal tract. Am. J. Roentg., 1929, 21: 144-8.—**Snell, A. M.** The problem of gastroduodenal hemorrhage. Minnesota M., 1939, 22: 15-24.—**Sučić, D.** Akute Azotämie bei grossen gastrointestinalen Blutungen. Klin. Wschr., 1935, 14: 1316-8.—**Summers, J. E.** The comparative relationship of post-operative gastric and intestinal hemorrhages to postoperative pulmonary embolism. Tr. West. Surg. Ass. (1931) 1932, 41: 187-206.—**Tassovatz, B., & Tassovatz, S.** A propos de 2 cas d'hémorragie gastro-intestinale du nouveau-né. Bull. Soc. gyn. obst. Paris, 1938, 27: 641-4. Also Strasbourg méd., 1938, 98: 451.—**Tidy, H. L.** Severe gastric and duodenal haemorrhage. Lancet, Lond., 1934, 2: 1365.—**Upham, R., & Ghai, N. W.** Prerenal azotemia in gastro-intestinal hemorrhage. Med. Times, N. Y., 1940, 68: 203-5.—**Weber, H.** Bedeutung und Methode des Nachweises kleinster Magen-Darmblutungen für die allgemeine ärztliche Praxis. Zschr. ärztl. Fortbild., 1936, 33: 160-3.—**Wilbur, D. L.** Gastro-intestinal hemorrhages. Proc. Mayo Clin., 1931, 6: 82-5.—**Wolff, E., Goulden, C. [et al.]** Causation of amblyopia following gastro-intestinal hemorrhage. Arch. Ophth., Chic., 1935, 14: 170.

Hemorrhage: Treatment.

Aitken, R. S. The treatment of profuse bleeding from the stomach and duodenum. Lancet, Lond., 1934, 1: 839-42.—**Alessandri, R.** Le traitement chirurgical des grandes hémorragies gastro-duodénales d'origine ulcéreuse. P. verb. Congr. fr. chir., 1933, 42: 999; 1049.—**B., R. C.** Tratamiento de urgencia de las grandes hemorragias gastro-duodenales. Dia méd., B. Air., 1930-31, 3: 666.—**Brulé, Hillemann, P., & Wolfmarm, R.** Sur les indications thérapeutiques dans les hémorragies gastro-duodénales aiguës d'apparence immédiate-ment grave. Arch. mal. app. digest., Par., 1939, 29: 776-81.—**Brunschwig, A.** The treatment of hemorrhage from the gastro-intestinal tract. Illinois M. J., 1940, 77: 55-7.—**Butler d'Ormond, R. de.** Traitement de l'hémorragie gastro-duodénale. Clinique, Par., 1928, 23: 435-7.—**Cabot, R. C.** A problem in treatment of massive gastro-intestinal hemorrhage. N. England J. M., 1933, 209: 207-11.—**Ciancarelli, S.** Contributo alla terapia chirurgica d'urgenza nelle emorragie gravi gastro-duodenali. Boll. Aead. med. Roma, 1936, 62: 373-400.—**Cunéo, B.** Traitement chirurgical des grandes hémorragies gastro-duodénales. Paris méd., 1931, 79: 332-8. Also In *Leçons du dimanche* (Carnot, P.) Par., 1933, 3. ser., 229-43.—**Robineau & Hartmann.** Discussion sur le traitement des hémorragies gastro-duodénales massives. Bull. Soc. nat. chir., Par., 1932, 58: 828-34.—**Damade, R.** Réflexions sur le traitement des grandes hémorragies gastro-duodénales. Bordeaux chir., 1930, 1: 173-9.—**Duval, P.** Indications thérapeutiques dans les hémorragies gastro-duodénales aiguës d'apparence immédiatement graves. Arch. mal. app. digest., Par., 1939, 29: 427-32.—**Figueras, S.** Breves apuntes sobre el tratamiento de urgencia de las grandes hemorragias gastro-duodenales. Rev. méd., Puebla, 1936-37, 9: No. 77, 10-2.—**Finsterer, H.** Die operative Behandlung der akuten profusen Magen- und Duodenalblutungen. Wien. klin. Wschr., 1931, 44: 1125; 1160; 1185.—**Gaston-Durand.** Directives pour le régime alimentaire en cas d'hémorragies gastro-duodénales. Hôpital, 1936, 24: 224-6.—**Gelas, J.** Sur quelques cas de ligatures partielles des 2 cerceles artériels de l'estomac dans les hémorragies graves de l'estomac et du duodenum. P. verb. Congr. fr. chir., 1937, 46. Congr., 632-9.—**Girault, A.** Indications thérapeutiques dans les hémorragies gastro-duodénales d'apparence immédiatement grave. Arch. mal. app. digest., Par., 1939, 29: 661-5.—**Glaessner, K.** Wie soll sich der Praktiker bei einer akuten Magen-Darmblutung verhalten? Wien. klin. Wschr., 1930, 43: 1575. Also Mitt. Volksgesundh.-amt., Wien, 1931, Aeztl. Prax., 35.—**Harman, J. B.** On the surgical treatment of gastro-duodenal haemorrhage. S. Thomas Hosp. Rep., Lond., 1939, 2. ser., 4: 139-49.—**Hartman, H. R.** Management of hemorrhages of the upper gastro-intestinal tract. Med. Clin. N. America, 1939, 23: 861-70.—**Lazarus, S.** Some aspects of the treatment of haematemesis and melena. Tr. R. Med. Chir. Soc. Glasgow, 1939, 33: 54-60.—**Lefèvre, H., & Broustet, P.** Conduite à tenir dans les hémorragies gastro-duodénales. J. méd. Bordeaux, 1930, 107: 355-7.—**Martini, T., & Bianchi, A. C. [et al.]** Diagnóstico y tratamiento de las grandes hemorragias gastro-intestinales. Rev. As. méd. argent., 1940, 54: 239-63.—**Noth, P. N., & Wilbur, D. L.** The diagnosis and management of gastro-intestinal hemorrhage: a report of 16 cases recently observed. Proc. Mayo Clin., 1935, 10: 824-9.—**Papin, F., & Wilmoth, P.** Le traitement chirurgical des grandes hémorragies gastro-duodénales d'origine ulcéreuse. P. verb. Congr. fr. chir., 1933, 42. Congr., 795; 979. Also J. chir., Par., 1933, 42: 559-73.—**Pauchet, V.** Trattamento delle emorragie gastro-intestinali; escissione dell'ulcera e ecceostomia. Arch. ital. chir., 1927, 18: 187-209. — Behandlung der gastro-duodenalen Blutungen. Arch. klin. Chir., 1931, 167: 438. Also Bull. Soc. chir., Par., 1933, 25: 355-71.—**Peco, G.** Oportunidad operatoria en las hemorragias gastro-duodenales. Tr. Clin. Escudero, B. Air.,

1930, 4: 417-26.—**Peracchia, G. C.** A proposito dell'intervento chirurgico nell'emorragia acuta di origine gastroduodenale. Arch. ital. chir., 1938, 53: 569-93.—**Rinker, F. C.** Diagnosis and treatment of hemorrhage from the gastric-intestinal tract. Virginia M. Month., 1936-37, 63: 332-4.—**Sick, K.** Die Behandlung von Magen-Darmblutungen mit heissen Klysmen. Fortsch. Ther., 1925, 1: 605-8.—**Siguier, F.** A propos des indications thérapeutiques des grandes hémorragies gastro-duodénales. Gaz. méd. France, 1934, 875-7.—**Smithies, F.** The treatment of massive gastro-duodenal hemorrhage. Am. J. Digest. Dis., 1934-35, 1: 803-7.—**Soupaull, R.** Des indications et des contre-indications opératoires dans les hémorragies aiguës d'origine gastro-duodénale. Rev. crit. path., Par., 1931, 2: 187-200.—**Stefano, J. J.** Treatment of gross hemorrhage from the gastro-intestinal tract. Med. Times, N. Y., 1938, 66: 11-5.—**T., R. M.** Les hémorragies gastro-duodénales aiguës et leur traitement. Praxis, Bern, 1940, 29: 175-8.—**Urrutia, L.** Tratamiento de las hemorragias gastro-duodenales. Arch. med., Madr., 1925, 20: 433-47.—**Waddill, J. F.** Hemorrhage from the upper gastro-intestinal tract; its medical management; a review. Virginia M. Month., 1938, 65: 682-6.—**Wilmoth, P.** Le traitement chirurgical des grandes hémorragies gastro-duodénales d'origine ulcéreuse; le traitement. P. verb. Congr. fr. chir., 1933, 42. Congr., 931-77.—**Wybert, A.** Tratamiento quirúrgico de las grandes hemorragias gastro-intestinales. Aeción méd., B. Air., 1940, 10: 737-41. Also Rev. As. méd. argent., 1940, 54: 257-60.

Histology.

Cutore, G. Sul comportamento dell'epitelio di rivestimento al confine gastro-intestinale; villosità miste. Monit. zool. ital., 1927, 38: 129-37.—**Erös, G.** Ueber die argentaffinen Zellen der Schleimhaut des Magen- und Darmtraktes. Frankf. Zschr. Path., 1928, 36: 402-18. — [Microscopic method for examination of the argentaffin cells of gastrointestinal tract] Gyógyászat, 1932, 72: 241-3. Also Zbl. allg. Path., 1932, 54: 383-91.—**Hamperl, H.** Ueber die gelben (ehromaffinen) Zellen im gesunden und kranken Magendarmschlauch. Virchows Arch., 1927, 266: 209-48. Also Verh. Deut. path. Ges. 1927, 22: 171-3 [Discussion] 180.—**Hintzsche, E., & Anderegg, P.** Histophysiologische Studien an den Panethsehen Zellen. Zschr. mikr. anat. Forsch., 1938, 43: 143-52.—**Nordmann, M., Baxter & Weste.** Kontraktion der Magen- und Darmmuskulatur (des Hühnerembryos) in der Gewebeskultur. Arch. exp. Zellforsch., 1934, 15: 165-72.—**Okamura, C.** Ueber die Darstellung des Nervenapparates in der Magen-Darmwand mittels der Vergoldungsmethode. Zschr. mikr. anat. Forsch., 1934, 35: 218-53.—**Preto, V.** Sul significato della presenza di vacuoli intercellulari nell'epitelio, durante lo sviluppo dello stomaco e dell'intestino. Arch. ital. anat., 1937-38, 38: 78-126, pl. Also Monit. zool. ital., 1934, 45: suppl., 157-9.

Hormones.

MULINOS, M. G. *Is there a gastro-intestinal motor hormone? [Columbia Univ.] 89p. 8° N. Y., 1929.

Gray, J. S., Bradley, W. B., & Ivy, A. C. On the preparation and biological assay of enterogastone. Am. J. Physiol., 1937, 118: 463-70.—**Gray, J. S., & Wiczeorowski, E.** Development of refractoriness to enterogastone preparations. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 324-6.—**Greengard, H., Gray, J. S., & Ivy, A. C.** Enterogastone. Am. J. Physiol., 1935, 113: 53.—**Ivy, A. C.** Studies on enterogastone. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 322. The gastrointestinal hormones. Proc. Internat. Postgrad. M. Ass. N. America, 1939, 225. Also In *Sympos. Horm. Sigma Xi Ohio*, 1937, 355-61. — The gastrointestinal hormones; an illustration of the influence of a great teacher. Q. Phi Beta Pi M. Fratern., 1940, 37: 71-4. — **Gray, J. S.** Enterogastone. In *Cold Spring Harbor Sympos. Quant. Biol.*, 1937, 5: 405-9.—**Kokas, E., & Ludány, G.** L'hormone excitant les mouvements des villosités intestinales (villikinine), est-elle spécifique? C. rend. Soc. biol., 1933, 113: 1447-9. — Ueber das Villikinin. Arch. ges. Physiol., 1934, 234: 589-93. — Ueber Aktivierung des Villikinsins. Ibid., 1935, 236: 166-74. — Réorption de la villikinine par l'intestin. C. rend. Soc. biol., 1936, 122: 413-6.—**Lim, R. K. S., Ling, S. M., & Liu, A. C.** Depressor substances in extracts of the intestinal mucosa; purification of enterogastone. Chin. J. Physiol., 1934, 8: 219-36.—**Ludány, G.** Présence dans l'intestin du foetus, d'une hormone excitant les mouvements des villosités intestinales (villikinine) C. rend. Soc. biol., 1933, 113: 1449. — Teneur en villikinine des différentes parties du tube gastro-intestinal. Ibid., 1934, 117: 974. [Villikinin in the human intestinal mucosa] Orv. hetil., 1935, 79: 476. Also Klin. Wschr., 1935, 14: 123. — Die Wirkung der ultravioletten Strahlung auf das Villikinin. Biochem. Zschr., 1936, 285: 192-4.—**Magnus, R.** Choline as an intestinal hormone. Stanford Univ. Pub., 1930, 2: Ser. Med. Sc., 73-95.—**Ochi, S.** Experimentelle Untersuchungen über das Hormon des Verdauungsrohres, besonders des Magens und des Darmrohres. Mitt. Med. Akad. Kioto, 1930, 4: H. 2, 33. — **Takagi, M.** Experimentelle Untersuchungen über das Hormon des Verdauungsrohres, besonders des Magens und des Darmrohres. Ibid., H. 5, 117. — Experimentelle Untersuchungen über das Hormon des Verdauungsrohres, besonders des Magens und des Darmrohres. Ibid., 1937, 19: 815; 21: 417.

Injury.

See also subheading Perforation.

Berger, M. E. [Mechanism of traumatic, subcutaneous injury of the gastro-intestinal tract] *Vrach. gaz.*, 1929, 33: 2432.—**Brofeldt, S. A.** Zur Pathogenese der Magen- und Darmverletzungen durch stumpfe Gewalt, mit besonderer Berücksichtigung der Berstungsrupturen. *Acta Soc. med. Duodecim*, 1924, 5: H. 1, 1-78.—**Bruine Ploos van Amstel, P. J. de.** Traumatische Magen- und Darmparforation. *Msehr. Unfallh.*, 1926, 33: 123; 146.—**Davidovich, S., & Telebakovich, A.** [Gastro-intestinal injuries caused by firearms] *Voj. san. glasnik*, 1935, 6: 371-415.—**Fischer, A. W.** Verletzungen des Magen- und Darmkanals. In *Handb. ges. Unfallh.* (F. König & G. Magnus) Stuttgart, 1934, 4: 533-60.—**Golovanov, V. D.** [Traumas of the gastro-intestinal tract according to material for the past 6 years (1931-37)] *Khirurgia*, Moskva, 1939, No. 8, 29-36.—**Gridnev, A. P.** [Diagnosis of wounds of the gastro-intestinal tract] *Vest. khir.*, 1928, 13: 115.—**Hiraide, S.** On traumatic subcutaneous injury of gastro-intestinal tract. *Okayama igakkai zasshi*, 1935, 47: 1756.—**Keith, D. Y.** Extrinsic defects of the gastrointestinal tract; report of cases. *Am. J. Roentg.*, 1929, 22: 455-60.—**Krenshner, S.** Zur Frage der Entstehung posttraumatischer Schäden am Magen-Darmkanal. *Mitt. Grenzgeb. Med. Chir.*, 1930-31, 42: 623-6.—**Podoprigor, G. I.** [Injury of the gastro-intestinal tract with intact abdominal wall] *Vrach. gaz.*, 1930, 34: 1847-9.—**Stacy, H. S.** Twenty years after: multiple wounds of small bowel and stomach with peritonitis. *J. R. Army M. Corps*, 1940, 74: 174.—**Wildegans, H.** Ueber perforierende Verletzungen des Magendarmkanals. *Arch. klin. Chir.*, 1928, 153: 62-76.

Innervation, and reflexes.

See also subheading Disease, functional.

SCHWERD, I. *Ein Beitrag zur Frage des Einflusses des vegetativen Nervensystems auf die Resorption im Magen-Darmkanal. 18p. 8°. Berl., 1932.

WEIDLING, K. *Beiträge zur Physiologie der Erregungsleitung im Magendarmkanal; über chemische und physikalische Einflüsse auf die Erregungsleitung [Halle-Wittenberg] p.235-47. 9°. [Halle] 1928.

Also *Arch. ges. Physiol.*, 1926-27, 215:

Becchini, G. Sulle correlazioni visceroviscerali; riflessi gastro-tenuo-gastrici, piloro-ileali, intestino-intestinali. *Arch. ital. mal. app. digest.*, 1937, 6: 523-39.—**Bickel, A.** Der nervöse Mechanismus der Sekretion der Magendrüsen und der Muskelbewegung am Magendarmkanal. *Erg. Physiol.*, 1925, 24: 228-80.—**Bulygin, I. A.** [Cortical differentiation of interoceptive impulses from the stomach and duodenum] *Biull. eksp. biol. med.*, 1940, 9: 122.—**Ciminata, A.** Sull'esistenza di una reazione motoria visceroviscerale di natura simpatica tra stomaco e digiuno. *Arch. fisiol. Fir.*, 1926, 24: suppl., 622-34.—**Daikhovsky, I. I.** The electrophysiological study of the automatism of the stomach and duodenum. *Acta med. URSS*, 1939, 2: 320-9.—**Douglas, D. M., & Mann, F. C.** The gastro-ileac reflex; further experimental observations. *Am. J. Digest. Dis.*, 1940, 7: 53-7.—**Ganassini, E.** Azione della vitamina B₁ sui nervi vasomotori dell'apparato gastroenterico. *Boll. Soc. ital. biol. sper.*, 1939, 14: 467.—**Gellhorn, E., & Weidling, K.** Beiträge zur Physiologie der Erregungsleitung im Magendarmkanal. *Arch. ges. Physiol.*, 1926, 215: 219-34.—**Ivy, A. C.** The applied physiology of the gastro-intestinal innervation; certain selected topics. *Am. J. Digest. Dis.*, 1934-35, 1: 845-53. Also *Bull. N. York Acad. M.*, 1934, 2. ser., 10: 643-55.—**Irving, J. T., McSwiney, B. A., & Suffolk, S. F.** Afferent fibers from the stomach and small intestine. *J. Physiol. Lond.*, 1937, 89: 407-20.—**Kabat, H., Anson, B. J.** [et al.] Stimulation of the hypothalamus with special reference to its effect on gastro-intestinal motility. *Am. J. Physiol.*, 1935, 112: 214-26.—**Kennedy, F.** The nervous relationships of the gastro-intestinal tract. *Pennsylvania M. J.*, 1937-38, 41: 879-85.—**Kolossoy, N. G., & Sabussov, G. H.** Zur Frage der Innervation des menschlichen Magen-Darmkanals. *Zschr. mikr. anat. Forsch.*, 1932, 29: 541-60.—**Kurē, K., Hiramatsu, S., & Okinaka, S.** Schmerzempfindungsbahn des Magens und Darmes. *Zschr. ges. Neur. Psychiat.*, 1934, 151: 232-6.—**Lutz, B. R.** The innervation of the stomach and rectum and the action of adrenaline in elasmobranch fishes. *Biol. Bull.*, 1931, 61: 93-100.—**Mettler, F. A., Spindler, J.** [et al.] Disturbances in gastro-intestinal function after localized ablations of cerebral cortex. *Arch. Surg.*, 1936, 32: 618-23.—**Nicholls, J. V.** Reaction of the smooth muscle of the gastro-intestinal tract of the skate to stimulation of autonomic nerves in isolated nerve-muscle preparations. *J. Physiol. Lond.*, 1934-35, 83: 56-67.—**Nolf, P.** Le système nerveux gastro-entérique. *Rev. méd. Louvain*, 1932, 81: 97. — On the existence in the bird of a system of intrinsic fibres connecting the stomach to the small intestine. *J. Physiol. Lond.*, 1937, 90: 53P. — The intrinsic gastro-intestinal fibres are connecting fibres. *Ibid.*, 1937-38, 91: 1P. — De la longue durée des effets

chronotrope et inotrope exercés par les nerfs gastro-intestinaux et de la possibilité de les obtenir séparément. *Arch. internat. physiol.*, Liège, 1936-37, 44: 38-111. — Le système nerveux gastro-entérique. *Ann. physiol.*, Par., 1938, 14: 293-320.—**Nomura, T.** Histologische Untersuchung über die Innervation des Magens und Darmes. *Tr. Jap. Path. Soc.*, 1930, 20: 188-95.—**O'Brien, J. D.** Observations on the diaphragm and the gastrointestinal tract. *Ohio M. J.*, 1936, 32: 134-6.—**Patterson, T. L.** The action of the vagus on the stomach-intestine of the hagfish; comparative studies. *Ann. Appl. Biol. Lond.*, 1933, 23: 113-9.—**Rickets, R.** A consideration of the anatomy and physiology of the involuntary nervous system and its clinical application to gastro-enterology. *Hahnemann. Month.*, 1936, 71: 613-37.—**Schiff, E.** Beitrag zur Frage der afferenten Innervation von Magen und Darm. *Arch. ges. Physiol.*, 1925, 208: 535-43.—**Stöhr, P. Jr.** Mikroskopische Studien zur Innervation des Magen-Darmkanals. *Zschr. Zellforsch.*, 1930, 12: 66; 1934, 21: 243; 1937, 27: 341.—**Taniguti, N.** Beitrag zur Innervation der Magen- und Dünndarmdrüsen. *Tokyo igakkai zasshi*, 1939, 53: 537.—**Vandolah, J., & Crandall, L. A., Jr.** The effect of mechanical stimulation of the duodenum, colon and the stomach on the cerebral circulation and intracranial pressure. *Am. J. Digest. Dis.*, 1934-35, 1: 853.—**Weber, A.** Développement du plexus sympathique gastro-duodénal chez l'embryon de poulet. *C. rend. Soc. biol.*, 1940, 133: 537.—**Zhuk, N. M.** [Morphology of intramural ganglions of the gastro-intestinal tract in practically healthy subjects] *Arkh. pat. anat.*, Moskva, 1939, 5: No. 2, 32-42.

Motility.

Alvarez, W. C. Physiologic studies on the motor activities of the stomach and bowel in man. *Am. J. Physiol.*, 1929, 88: 650-62.—**Berkson, J.** Electromyographic studies of the gastro-intestinal tract; an inquiry into the origin of the potential variations of rhythmic contraction in the intestine; evidence in disfavor of muscle action currents. *Ibid.*, 1933, 104: 67-72.—**Bickel, A.** [The nervous mechanism of the peristaltic action of the gastro-intestinal tract] In *Om. orb. sbornik Pavlova*, Leningr., 1924, 159-86.—**Bisaro, A.** La motilità del duodeno e dell'intestino tenue, mesenteriale, studiata nell'uomo a mezzo di pallone sonda. *Gior. venet. sc. med.*, 1940, 14: 86-99, graph.—**Bisgard, J. D., & Nye, D.** The influence of hot and cold application upon gastric and intestinal motor activity. *Surg. Gyn. Obst.*, 1940, 71: 172-80.—**Borzer, E.** Electrophysiological studies on the motility of the gastro-intestinal tract. *Am. J. Physiol.*, 1939, 127: 301-7.—**Burger, H.** Ueber peristaltische und antiperistaltische Magen-Darmbewegungen nach einer besonderen Untersuchungsmethode. *Arch. Verdauungskr.*, 1934, 56: 188-94.—**Civalieri, I.** Sulla motilità gastro-intestinale. *Gior. med. prat.*, 1926, 8: 214; 1927, 9: 6.—**Dukes, H. H., & Sampson, J.** Gastro-intestinal motility in the ruminant. *Cornell Vet.*, 1937, 27: 139-49.—**Gutiérrez Arrese, E.** El mecanismo de la motilidad del estómago y del intestino delgado. *Arch. med. Madr.*, 1927, 26: 190-203.—**Krugly, A. N.** [Motor function of the gastro-intestinal tract in conditions of reduced barometric pressure] *J. Physiol. USSR*, 1938, 25: 304-14.—**Kurtsin, I., & Rogov, A.** [Humoral regulation of the motor function of the stomach and intestinal tract] *Ibid.*, 877-84.—**Menville, L. J., Ané, J. N., & Blackberg, S. N.** A comparative X-ray study of passage of foodstuffs through gastro-intestinal tract of rats. *Proc. Soc. Exp. Biol.*, N. Y., 1929-30, 27: 641-5.—**Miller, T. G., & Karr, W. G.** The influence of variations in the reaction and the motility of the stomach contents on the reaction and the motility of the intestinal contents. *Am. J. Roentg.*, 1936, 35: 300-5.—**Moore, A. B.** An appraisal of the motor-test-meal in the Roentgen examination of the stomach and small bowel. *Ibid.*, 1930, 23: 503-9.—**Morin, G.** La motricité gastro-intestinale chez les mammifères. *Ann. physiol.*, Par., 1938, 14: 321-97. [Discussion] 398-402.—**Quigley, J. P., & Hallaran, W. R.** The independence of spontaneous gastro-intestinal motility and blood sugar levels. *Am. J. Physiol.*, 1932, 100: 102-10.—**Raiford, T. S., & Mulinos, M. G.** Studies in gastro-intestinal motility. *Arch. Surg.*, 1936, 33: 276-96.—**Scott, W. G., Kenamore, B., & Larimore, J. W.** Physiologic movements of the gastrointestinal tract as recorded by the roentgen kymograph. *J. Am. M. Ass.*, 1939, 112: 708-12.—**Szász, A. S.** Die Beziehungen des allgemeinen Muskeltonus des Magendarmkanals zu der Magensaftsekretion. *Msehr. Kinderh.*, 1930, 47: 55-60.—**Tanaka, K.** Ueber die normalen Magen- und Dünndarmbewegungen nach Beobachtungen und Kine-matographie am Kolwalischen Bauchfenster des Hundes und der Katze. *Jap. J. M. Sc.*, 1934-36, 4: Surg., 273.—**Templeton, R. D., & Lawson, H.** Technical contributions to the study of gastrointestinal motility. *J. Lab. Clin. M.*, 1932, 17: 1244.—**Thomas, J. E., & Kuntz, A.** A study of gastro-intestinal motility in relation to the enteric nervous system. *Am. J. Physiol.*, 1926, 76: 606-26.—**Vos-de Wilde, B. de.** Mouvements rythmiques spontanés du canal stomaco-intestinal de l'*Eleodone moschata* Lam. *Arch. néerl. physiol.*, 1930, 15: 97-113.—**Wallace, R. P., Ehrenfeld, I.** [et al.] Motility of the gastrointestinal tract. *Am. J. Roentg.*, 1938, 39: 64-6.—**Wang, S. C., Clark, G.** [et al.] Further study on the gastro-intestinal motility following stimulation of the hypothalamus. *Am. J. Physiol.*, 1940, 130: 81-8.—**Weltz, G. A.** Motility of the gastro-intestinal tract in man as observed in plane-kymograms. *Radiology*, 1939, 33: 462-4.

Motility: Disorder.

See also subheadings Achalasia; Atonia, and stasis; Obstruction.

Bell, J. M. The reverse peristaltic wave. *Med. Herald*, 1926, 45: 210.—Dobychin, B. D. [Water metabolism in certain motor disorders of the gastro-intestinal tract] *Vest. khir.*, 1936, 45: 48-56.—Hagyard, C. E. Motor disturbances of gastro-intestinal tract. *Northwest M.*, 1939, 38: 391.—Lalich, J., Herrin, R. C., & Meek, W. J. Effect of a previous distention of the intestine on reflex inhibition of gastric motility. *Proc. Soc. Exp. Biol.*, N. Y., 1936, 34: 29-31.—Le Heux, J. W., & Kleijn, A. de. Störungen der Magen-Darmbewegungen bei Katzen nach Labyrinthirritation. *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 154.—Melchior, E. Beiträge zur Nachbehandlung nach Operationen; die postoperative Magen-Darmparese und -Atonie. *Chirurg*, 1929-39, 1: 1198-204.—Müller, E. F., & Rieder, W. Ueber die Ursachen länger anhaltender Passagestörungen am Magen-Darmkanal. *Münch. med. Wschr.*, 1931, 78: 1033-6.—Purdie, R. M. Relation of perversions of gastro-intestinal peristalsis to common clinical disorders. *Med. Rec.*, Houston, 1933, 27: 311-3.—Rizzo, F. P. Complete paralysis of gastro-intestinal tract of 4 weeks duration with recovery. *Tristate M. J.*, 1935-36, 8: 1678; 1681.—Voyles, C. F. Gastrointestinal motor insufficiency; its physical treatment with illustrative cases. *Phys. Ther.*, 1930, 48: 75-80.

Mucosa.

See also subheading Radiology: Mucosal relief.

PEDATELLA, C. *Do consumo de oxigenio pela mucosa do tracto gastro-intestinal in vitro. 119p. 8°. S. Paulo, 1933.

Baatz, K. Ueber Schleimhautstudien am Magen- und Darmkanal. *Münch. med. Wschr.*, 1930, 77: 1151-6.—Forssell, G. Die Bewegungsvorgänge der Schleimhaut des Magendarmkanals. *Fortsch. Röntgenstrahl.*, 1925, 33. Kongressh., 4-8, pl. [Discussion] 19-28. Also *Brit. J. Radiol.*, 1926, 31: B. A. R. P. Sect., 189-91. Also *Proc. R. Soc. M.*, Lond., 1922-23, 16: Sect. Electrother., 91-4. Also *Lancet*, Lond., 1923, 1: 648-50.—Giannelli, L. Sulle modificazioni strutturali della mucosa nel passaggio della parete gastrica nella parete intestinale in corrispondenza del piloro. *Boll. Soc. ital. biol. sper.*, 1934, 9: 832.—Hamperl, H. Die gröbere und feinere Gestaltung der Schleimhaut des Magendarmkanals in Abhängigkeit von seiner Muskulatur. *Virchows Arch.*, 1939-40, 305: 432-61.—Ramond, F., & Hirschberg, A. Hétérotopie et métaplasie intestinales de la muqueuse gastrique. *Arch. mal. app. digest.*, Par., 1924, 14: 59-66.—Rothschild, F., & Berger, E. Ueber den Wirkungsmechanismus von Schleimhautpräparaten des Magendarmtrakts unter verschiedenen pharmakologischen Bedingungen auf den Blutzucker, auf den Grundumsatz der Kaninchen und auf die Diastase. *Arch. internat. pharm. dyn.*, Par., 1939, 63: 481-93.—Sakisaka, S. Studies on the dehydrogenase activities of the gastro-intestinal mucosa. *Fukuoka acta med.*, 1934, 27: 17.—Simon, C. The gastro-duodenal mucosal pattern with graduated compression. *S. Barth. Hosp. Rep.*, Lond., 1936, 69: 219-27, 4 pl.

Myoma.

Camp, J. D. Myoma of the stomach and of the duodenum; report of two cases. *Radiology*, 1924, 2: 262-4.—Clarke, B. E. Myoepithelial hamartoma of the gastrointestinal tract; a report of 3 cases with comment concerning genesis and nomenclature. *Arch. Path.*, Chic., 1940, 30: 143-52.—Koch, H. Ueber Myome des Magen-Darmkanals. *Zbl. Chir.*, 1928, 55: 145-51.—Neugebauer, F. Ueber ein Myom des Magens und ein Myosarkom des Zökums. *Beitr. klin. Chir.*, 1932, 156: 476-9.—Rijssel, E. C. van. Myome in Magen und Darm. *Mitt. Grenzgeb. Med. Chir.*, 1932-34, 43: 533-49.—Schildt, E. Fünf Fälle von Myom im Magen-Darmkanale. *Acta chir. scand.*, 1928, 63: 77-86, pl.

Neurinoma.

BAUMEISTER, K. H. *Ueber Neurinome im Verdauungstrakt. 25p. 8°. Gött., 1934.

Arnvig, J. [Two cases of neurinoma of the gastro-intestinal tract] *Ugeskr. laeger*, 1937, 99: 489-93.—Denecke, K. Ueber zwei Fälle von metastasierenden Neurinomen des Magen-darmkanals. *Beitr. path. Anat.*, 1932, 89: 242-8.—König, E. Neurinome des Magendarmkanals. *Chirurg*, 1932, 4: 636.—Nordlander, E. Drei Fälle von Neurinom im Magen-Darmkanal. *Upsala läk. fören. förh.*, 1932-33, n. F., 38: No. 18, 1-13; pl.

Obstruction, and stenosis.

HAAG, H. *Ueber Strangulationsileus des Magenausganges durch ein isoliert verlaufendes Ligamentum teres hepatis [Bonn] 21p. 8°. Bonn, 1929.

Aikman, J. Cardiospasm and other obstructions of the upper gastro-intestinal tract in the new born. *N. York State J. M.*, 1933, 33: 865-73.—Arita, S. Die Beobachtungen über die Bewegungen des Magens des experimentellen Dünndarm-

verschlusses. *Jap. J. M. Sc.*, 1934-36, 4: Surg., 286.—Brenizer, A. G. Deformities and obstructions of the stomach and duodenum. *Ann. Surg.*, 1930, 92: 367-75.—Brown, S. Gastro-intestinal obstructions. *Radiology*, 1930, 15: 364-73.—Carter, R. F. Congenital occlusion of the duodenum and small intestine; a clinical consideration with report of 2 successful cases. *J. Pediat.*, S. Louis, 1933, 2: 27-40.—Chambers, G. Organic obstruction of the ileum as a cause of gastric disturbance. *N. York M. J.*, 1915, 101: 1083. Also *Dominion M. Month.*, 1915, 45: 131-41.—Chlapowski, F. [Aerophagy as a cause of the dilatation of the stomach and of acute strangulation of the duodenum] *Now. lek.*, Poznań, 1912, 24: 12-20.—Deneen, F. Gastrointestinal obstruction simulating malignancy. *Illinois M. J.*, 1934, 66: 336-40.—Einhorn, M. Dilatation aiguë de l'estomac avec ileus incomplet; rapport d'un cas traité avec succès par le tube duodénal. *Arch. mal. app. digest.*, Par., 1938, 28: 55-8.—Grafflin, A. L., & Ennis, D. The effect of blockage of the gastro-intestinal tract upon urine formation in a marine teleost, *Myoxocephalus octodecimspinosus*. *J. Cellul. Physiol.*, 1934, 4: 283-96.—Grant, A. J. Obstructive lesions of the gastro-intestinal tract. *Canad. M. Ass. J.*, 1927, 27: 1149-53.—Haden, R. L. Treatment of the toxemia of obstruction of the gastro-intestinal tract. *Surg. Clin. N. America*, 1937, 17: 1399-407. ——— & Orr, T. G. The viscosity of the blood of the dog after obstruction of the upper gastro-intestinal tract. *J. Exp. M.*, 1926, 44: 419-24. ——— Surface tension of the blood serum of the dog after upper gastrointestinal tract obstruction. *Ibid.*, 425-8. ——— The sedimentation rate of the erythrocytes in experimental obstruction of the gastro-intestinal tract. *Ibid.*, 429-33. ——— The chloride content of the tissues of the dog after experimental gastrointestinal tract obstruction. *Ibid.*, 435-8. ——— Blood fibrin in upper gastrointestinal tract obstruction. *Ibid.*, 1927, 45: 427-31. ——— The excretion of nitrogen after upper gastrointestinal tract obstruction. *Ibid.*, 433-6.—Jones, E. S. The treatment of sclerous and obstructive lesions of the stomach and duodenum. *J. Indiana M. Ass.*, 1930, 23: 124-8.—Kagan, M. Ein Fall von Ileus bei innerer Einklemmung des Magens und Dünndarms in einer Mesokolonlücke. *Zbl. Chir.*, 1928, 55: 1995.—McVicar, C. S. A discussion of the clinical and laboratory findings in certain cases of obstruction in the upper gastro-intestinal tract; the role of blood chemistry in diagnosis, prognosis, and treatment of this condition. *Tr. Am. Gastroenter. Ass.* (1924) 1925, 27: 230-47.—Meisels, E. [Acute dilatation of the stomach and stenosis of the duodenum, caused by pressure of the mesenteric artery] *Polski przegl. radiol.*, 1938, 13: 103-31, 2 pl.—Miller, R., & Gage, H. C. Gastromegaly and chronic duodenal ileus in children. *Arch. Dis. Childh.*, Lond., 1930, 5: 83; 1932, 7: 65.—Nedokhlevov, V. P. [Clinical treatment of so-called hypochloremia in cases of impermeability of the gastro-intestinal tract] *Vrach. delo*, 1929, 12: 93-7.—Orr, T. G., & Rumold, M. J. Experimental pyloric and jejunal obstructions; absorption of sodium chloride from the stomach and the upper part of the small intestine. *Arch. Surg.*, 1938, 37: 295-301.—Sanders, C. B. Obstructive lesions of the gastro-intestinal tract. *Texas J. M.*, 1934, 30: 445-7.—Sano, S. Ueber Gastro-intestinal-Sklerosenose. *Tr. Jap. Path. Soc.*, 1924, 14: 114-7.—Slocumb, L. H. Compression of duodenum by mesentery and the superior mesenteric vessels; an underlying cause of acute gastric dilatation. *Surg. Gyn. Obst.*, 1927, 44: 359-64.—Stout, G. Gastro-intestinal obstruction; functional and organic. *Ann. Surg.*, 1931, 94: 347-53.—Tschakert, J. Mechanische Passagestörungen am Magen und Duodenum durch extragastrale und extraduodenale Prozesse und ihr röntgenologischer Nachweis. *Röntgenpraxis*, 1932, 4: 998-1002.—Valle Riestra, G. La dilatación aguda del estómago con oclusión duodenal postoperatoria. *Crón. méd.*, Lima, 1916, 33: 391-7.—Walton, A. J. The neuro-muscular obstructions of the gastro-intestinal tract. *Lancet*, Lond., 1930, 2: 1331-40.

Perforation, and rupture.

See also subheadings (Cancer; Injury; Ulcer) also Peritonitis; and names of specific diseases.

EICHHORX, K. *Statistisch-kasuistische Mitteilungen über subkutane Magen- und Darm-rupturen bei stumpfer Gewalteinwirkung [München] 32p. 8°. Augsburg, 1933.

Arnold, I. A. Perforations of stomach and intestine. *Kentucky M. J.*, 1925, 23: 512.—Barón, A. G. Resección en las perforaciones agudas duodenogástricas? *Rev. españ. enferm. ap. digest.*, 1935, 1: 883-92.—Bloch, R. Technique opératoire des perforations gastro-duodénales. *Rev. chir.*, Par., 1932, 70: 787-92.—Boneo, G., & Ramirez, E. Perforación gastroduodenal. *Rev. med.*, Rosario, 137: 11: No. 111, 13-21.—Cabiglio, B. Perforazioni gastroduodenali. *Arch. ital. chir.*, 1936, 42: 148-65.—Ceballos, A. Tres casos de perforación aguda de estómago y duodeno. *Sem. méd.*, B. Air., 1915, 22: 10-4.—Ciancarelli, S. La resección gastrica come intervento d'urgenza nelle perforazioni gastro-duodenali. *Arch. ital. chir.*, 1935, 39: 677-700.—Delegenièr, Y. Valeur pronostique de la dilatation de la 1^{re} anse jéjunale dans les perforations gastro-duodénales. *Bull. Soc. nat. chir.*, Par., 1931, 60: 216-9.—Fermaud, E. Etude de 55 cas de perforations gastro-duodénales traités à la clinique chirurgicale de M. le professeur Kummer. *Rev. méd. Suisse rom.*, 1929, 49: 75-99.—Finsterbusch, R., & Gross, F. Der Wert der Röntgenuntersuchung bei Perforationen im Bereiche des Magen-Darmkanals. *Chirurg*, 1932, 4:

598.—**Frizzera, A.** La perforazione gastro-intestinale. Boll. med. trent., 1931, 46: 3-30.—**Gatewood.** Perforations of the gastro-intestinal tract. Illinois M. J., 1940, 77: 213-8.—**Gibson, C. L.** Acute perforations of stomach and duodenum. J. Am. M. Ass., 1928, 91: 1006-8.—**Haagen, T.** Ueber Magen- und Zwölffingerdarmdurchbruch. Mitt. Ver. Aerzte Steiermark, 1924, 61: 149-54.—**Häussler, G.** Ueber die Ergebnisse der Röntgenuntersuchung bei Magen-Darmperforation. Zbl. Chir., 1934, 61: 2085-7.—**Hamant & Rothan.** Considérations cliniques sur les perforations gastro-duodénales en péritoine libre. Rev. méd. Nancy, 1937, 65: 763-79.—**Himmelmann, W.** Ueber die Perforation im Bereich des Magen-Darmtraktes bei und nach der Röntgenbreipassage. Münch. med. Wschr., 1932, 79: 1567-70.—**Kuhlmann, J.** A propos de la résection gastrique d'emblée dans le traitement de perforations gastro-duodénales en péritoine libre. Strasbourg méd., 1933, 93: 136-8.—**Madinaveitia, J. M.** Dos casos de perforación gastro-intestinal. Progr. clín. Madr., 1929, 37: 386-8.—**Meyer, H. W.** Perforations of the gastro-intestinal tract. Ann. Surg., 1940, 111: 370; 112: 37.—**Morrow, J.** Acute perforations of the gastro-intestinal area, with special reference to those of traumatic origin. Minnesota M., 1935, 18: 238-40.—**Paas, H. R.** Ueber die Magen- und Duodenalperforation nach Röntgen-Kontrastmahlzeit und ihre Folgen. Deut. Zschr. Chir., 1936, 247: 461-94.—**Pérez Fontana, V.** Signo radiológico precoz de las perforaciones gastro-duodénales. Rev. cir. B. Air., 1932, 11: 374-9.—**La utilización del ligamento suspensor del hígado en el cierre de las perforaciones gastro-duodénales.** Ibid., 1930-3.—**Chifflet, A.** Las perforaciones gastroduodénales en el último trienio en el Hospital Maciel. Ibid., 473-8.—**Prévôt, R.** Symptomlose Perforationen am Magen-Darmkanal. Röntgenpraxis, 1938, 10: 303-7.—**Richard, M.** Zur Frage der primären Resektion bei Magen-Duodenal-perforation. Zbl. Chir., 1931, 58: 149-52.—**Rosenzweig, I. S.** [Roentgen diagnosis of acute perforations of the gastro-intestinal tract] Klin. med., Moskva, 1937, 15: 863-8.—**Santi, M.** Su alcuni casi di perforazione gastro-duodenale e particolarmente su alcune sindromi larvate e miti. Rass. internaz. clin., 1936, 17: 69-75.—**Sattler, J.** [Importance of early symptoms in perforations of stomach and duodenum] Gyógyászat, 1926, 66: 696-701.—**Schneider, E.** Zur Klinik der akuten Perforationen im Magendarmtraktus. Deut. med. Wschr., 1936, 62: 1825-8.—**Somogyi, G.** [X-rays in diagnosis of acute gastric and intestinal perforations] Magyar. röntg. közl., 1933, 7: 74-85.—**Sostegni, A.** La perforazione gastro-duodenale nel vecchio; osservazioni cliniche ricavate dallo studio di 22 casi. Arch. ital. chir., 1938, 54: 584-93.—**Steckbauer, J. W.** The early diagnosis of acute perforations of gastro-intestinal tract by the demonstration of spontaneous pneumoperitoneum. Hosp. Progr., 1926, 7: 431-4.—**Stipa, F.** Su 141 casi di perforazioni gastro-duodenali. Policlinico, 1937, 44: sez. prat., 1564-70.—**L'ausilio della indagine radiologica nella diagnosi e nella indicazione operatoria delle perforazioni gastro-intestinali.** Riv. osp., 1939, 29: 474-81.—**Susman, M. P.** Perforation of the stomach and duodenum due to simple ulcer and carcinoma. Med. J. Australia, 1939, 1: 456-62.—**Thelander, H. E.** Perforation of the gastro-intestinal tract of the newborn infant. Am. J. Dis. Child., 1939, 58: 371-93.—**Todd, M. H.** Roentgenography in the diagnosis of gastro-intestinal perforation. Am. J. Surg., 1927, n. ser., 2: 449-55. Also repr.—**Vale, C. F., & Cameron, D. A.** Gastric and duodenal perforation during hospital treatment. Ann. Surg., 1936, 103: 353-61.—**Vladimirovsky, V., & Sorokin, E.** [Spontaneous gastro-intestinal perforations] Klin. med., Moskva, 1927, 5: 965-8.—**Woodall, C. W.** Acute perforations of stomach and duodenum. Am. J. Surg., 1937, 35: 524-8.

Pharmacology.

KOENIG, E. *Ueber Aenderungen der motorischen Funktion des Magen-Darmkanals unter der Einwirkung von Digipurat als Beitrag zu den extrakardialen Digitaliswirkungen. 15p. 8°. Münch., 1926.

NIEDENZU, M. *Ueber neue magen- und darmlähmende Stoffe [Breslau] 21p. 21cm. Ohlau, 1935.

ZIMMERMANN, G. *Zur Wertbestimmung magen- und darmlähmender Mittel. 14p. 8°. Bresl., 1934.

Abbott, W. O. Acetyl- β -methylcholin; the action on the gastro-intestinal tract of normal persons, in abdominal distention, and in certain other conditions. Am. J. M. Sc., 1933, 186: 323-30, 2 pl.—**Arkussky, U. I., Gurevich, R. G.** [et al.] [Effect of large alkaline doses introduced into the duodenum on the acidity and motor function of the stomach] Vest. rentg., 1933, 12: 193-8.—**Arnold, W.** Eine experimentelle Prüfung der Wirkung des Pfefferminz-, Fenchel- und Kamilletees auf den Magen-Darmkanal. Mschr. Kinderh., 1925, 20: 225-32.—**Baltacéano, G., & Vasiliu, C.** L'influence de l'association sécrétine-cholagogues sur la motilité gastro-duodénale. C. rend. Soc. biol., 1934, 115: 1003-6.—**Beams, A. J.** The effect of nitrites on pain and on the motility of the gastro-intestinal tract; clinical study. Arch. Int. M., 1932, 49: 270-5. ——— & **Barlow, O. W.** The effect of nitrites on the motility of the gastro-intestinal tract; experimental

study. Ibid., 276-81.—**Berkson, J.** Electromyographic studies of the gastro-intestinal tract; recovery of characteristic electropotential variations of the small intestine following application of nicotine, by restoration of circulation. Am. J. Physiol., 1933, 105: 454-6.—**Bickel, A.** Zur Kenntnis der physiologischen Wirkungen von Infusen aus Röstprodukten der Zerealien und Zichorienwurzeln auf die Magen-Darm-Funktionen. Arch. Verdauungskr., 1929, 46: 1-13.—**Bijlsma, U. G.** Ueber den Einfluss der Einspritzung hypertoniischer Kochsalzlösung auf die Magen- und Darmbewegungen (nach Versuchen von Ruding und Jongkees) Acta brev. neerl., 1933, 3: 153.—**Bigard, J. D., & Johnson, E. K.** The influence of certain drugs and anesthetics upon gastro-intestinal tone and motility. Tr. Am. Surg. Ass., 1939, 57: 351-71. Also Ann. Surg., 1939, 110: 802-22.—**Dobrev, M.** Beeinflussung der Kontraktilität des Magen-Darmtraktes bei Embryonen von Gobius capito durch Nervengifte. Pubb. Staz. zool. Napoli, 1934, 14: 146-52.—**Frank, R., Zimmerman, L., & Necheles, H.** Effect of eserine and acetylcholine on gastro-intestinal motility in normal dogs. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 686-9.—**Hesse, E., Niedenzu, M., & Zeppmeisel, L.** Ueber neue magen- und darmlähmende Stoffe. Klin. Wschr., 1936, 15: 1164-6.—**Hesse, E., & Zimmermann, G.** Zur Wertbestimmung magen- und darmlähmender Mittel. Ibid., 1933, 12: 1986-8.—**Iba, T.** Experimentelle Studien über den Einfluss der allgemeinen Narkose auf die Magendarmbewegungen; physiologische Untersuchungen. Mitt. Med. Akad. Kioto, 1937, 20: 1718.—**Issekutz, B., Dirner, Z., & Thiel, K.** Ueber die Wirkung des Perparin und Papaverin auf die Magendarmmotilität. Arch. exp. Path., Berl., 1936, 182: 390-400.—**Jablons, B.** Histamine and the gastrointestinal tract. Rev. Gastroenter., 1934, 1: 298-304.—**Kawashima, S.** Ueber den Einfluss der intraperitonealen Injektion der verschiedenen Arzneimitteln auf die Motilität des Magendarmkanals bei jungen Hunde. Polyklin. Daien, 1926-28, 3: No. 24, 12. Also J. Orient. M., Shimmeicho, 1928, 8: 12.—**Koichi, A.** Experimentelle Untersuchungen über die Schlafmittelwirkung auf die Magen- und Dickdarmbewegung. Fukuoka acta med., 1935, 28: 78.—**Kusunoki, G., Arakawa, K., & Nishiyori, K.** Zentrale Wirkung der Arznei auf die Magen- und Darmbewegung. Jap. J. M. Sc., 1936, 4: Int. Med., 262.—**Lebon & Aubourg.** Action sur l'estomac et l'intestin du nerprun, de la bourdaine du cascara, de la rhubarbe, de la manne, de l'eau-de-vie allemande, de l'évonymine et du chlorure de sodium. Bull. Soc. radiol. méd. Paris, 1912, 4: 116-9.—**Le Heux, J., & Kleyn, A. de.** Die Wirkung von Arzneimitteln auf den denervierten Magen-Darmkanal. Acta brev. neerl., 1933, 3: 94. Also Arch. ges. Physiol., 1934, 234: 98-100.—**Necheles, H., Maskin, M.** [et al.] Effect of posterior pituitary extracts on motility of the gastro-intestinal tract. Arch. Surg., 1936, 33: 780-91.—**Nicholls, J. V. V.** Effect of sympathomimetic and parasympathomimetic drugs on motility of the gastro-intestinal tract of elasmobranch fishes. Proc. Soc. Exp. Biol., N. Y., 1932, 30: 54-6.—**Quigley, J. P.** The relative effectiveness of atropine and novotropin on gastric and colonic motility of the unanesthetized dog. J. Pharm. Exp. Ther., 1937, 61: 30-6.—**Solomon, E. I.** Action of insulin on the motility of the gastro-intestinal tract; action on the human duodenum; action of the colon on dogs. Am. J. Physiol., 1930, 91: 488-95.—**Quigley, J. P., & Templeton, R. D.** Action on the pyloric pouch; action on the stomach following double splanchnicotomy. Ibid., 475-81.—**Roth, G. B., & Crittenden, P. J.** Effect of sulphates of sodium and magnesium on gastro-intestinal activity. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 91-4.—**Templeton, R. D., & Quigley, J. P.** The action of insulin on the motility of the gastro-intestinal tract; action of the Heidenhain pouch. Am. J. Physiol., 1930, 91: 467-74.—**Weitz, W., & Vollers, W.** Ueber die Beeinflussung der Bewegungen des Magens und Darms durch Adrenalin (nebst methodologischen Bemerkungen über die Aufschreibung der Magenbewegungen) Zschr. ges. exp. Med., 1927, 55: 45-55.—**Zimmerman, L. M., Frand, R., & Necheles, H.** Effect of acetylcholine and of physostigmine on gastro-intestinal motility; observations of normal animals and of animals with experimental peritonitis. Arch. Surg., 1936, 33: 187-96.

Physiology.

HUPPERT, M. *Beobachtungen am Magen- und Darmkanal des Frosches bei Verfütterung oder Injektion von Farbstoffen. p.602-14. 8°. [Freib. i. Br.], 1928.

Also Zschr. Zellforsch., 1925-26, 3:

Alvarez, W. C. Applied physiology of the stomach and duodenum. In Stomach & duodenum (Eusterman, G. B. et al.) Phila., 1936, 22-51.—**Aszmarin, P. A., & Martinson, E. E.** [On the acid-base reaction in the organism and the activity of the gastro-intestinal tract] Arkh. biol. nauk., 1928, 28: 399-417.—**Beckmann, K.** Die Funktionen des Magendarmkanals in ihren Beziehungen zum Säurebasenhaushalt. Klin. Wschr., 1927, 6: 812-5.—**Bergeim, O.** Intestinal chemistry; a method for the study of absorption in different parts of the

gastrointestinal tract. *J. Biol. Chem.*, 1926, 70: 47-50.—**Berkson, J.** Electromyographic studies of the gastro-intestinal tract; observations on excised intestine. *Am. J. Physiol.*, 1933, 104: 62-6.—**Carey, E. J.** Summary of gastrointestinal structures with reference to the production and regulation of gastroduodenal functions. *Wisconsin M. J.*, 1931, 30: 530-4.—**Clasen, A. C.** Newer physiology of the gastrointestinal tract. *J. Kansas M. Soc.*, 1933, 34: 139-41.—**Cuthbert, F. S., & Ivy, A. C.** Absorption of carbon particles from gastro-intestinal tract. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 1272.—**Erf, L. A.** The disappearance of intravenously injected lymphocytes in the absence of the gastro-intestinal tract. *Am. J. M. Sc.*, 1940, 200: 1-11.—**Földes, E.** The rôle of the stomach and upper intestinal tract in the water and mineral metabolism. *Rev. Gastroenter.*, 1934, 1: 46-54.—**Gerber, A.** Ueber Elektrolytreaktionen in der Magen- und Darmwand. *Ausz. Inaugur. Diss. Med. Fak. Univ. Bern*, 1933-35, No. 103, 1-5.—**Glaessner, K., & Hussa, V.** Ernährung und Magen-Darmfunktion. *Wien. med. Wschr.*, 1936, 86: 924.—**Heath, C. W.** The clinical significance of problems of absorption in the human gastro-intestinal tract. *Med. Clin. N. America*, 1935-36, 19: 1685-93.—**Hepburn, J. S., & Eberhard, H. M.** Studies of gastro-intestinal temperature. *J. M. Soc. N. Jersey*, 1937, 34: 617-9.—**Hepburn, J. S., Eberhard, H. M.** [et al.] Gastro-intestinal temperature studies. *Proc. Am. Soc. Biol. Chem.*, 1932, 8: p. xliii.—**Ide, M.** Functions gastro-intestinales. *Rev. méd.*, Louvain, 1919, 189-93.—**Ishida, J.** Distribution of the digestive enzymes in the digestive system of stomachless fishes. *Annot. zool. jap.*, 1935-36, 15: 263-84.—**Ivy, A. C.** The newer physiology of the gastrointestinal tract. *Am. J. M. Sc.*, 1927, 173: 453-60.—**Physiology of the gastro-intestinal tract.** In *Pract. Pediat.* (Brenemann, J.) Hagerstown, 1937, 1: chap. 20, 17.—**Keller, R.** Elektrizität im Verdauungskanal. *Arch. Verdauungskr.*, 1936, 60: 256-80.—**Lane, A.** The mechanism of the gastrointestinal tract and the influence which diet exerts upon it. *Am. Med.*, 1928, 23: 947-51.—**Liesegang, R. E.** Magen, Darm. In *Med. Koloidlehr.* (Lichtwitz) Dresd., 1935, 658-80.—**Pellegrini, M.** Funzione gastrica e duodenale e curva glicemica alimentare. *Atti Accad. fisior. Siena*, 1934, 11, ser., 2: 479-94.—**Sanpaulesi, G.** Glicoregolazione in rapporto alla secrezione psichica delle ghiandole dell'apparato digerente. *Riv. clin. pediat.*, 1933, 31: 1076-80.—**Wangenstein, O. H., & Carlson, A. J.** Clinical physiology of the gastro-intestinal tract. *Minnesota M.*, 1940, 23: Suppl., 36-43.

— Pneumatosis.

Baumann-Schenker, R. Ueber Pneumatosis cystoides ventriculi et jejuni. *Acta radiol.*, Stockholm, 1939, 20: 365-72.—**Devy.** A propos de pneumatoses gastrocoliques sans traduction clinique. *Rev. gén. clin. théor.*, 1935, 49: 823.—**Knosp, J.** Die Hypertonie des Magens und die gastro-intestinale Pneumatose. *Zschr. ärztl. Fortbild.*, 1928, 25: 69-73.—**Ruckenstein, E., & Kux, E.** Bemerkung zu der Abhandlung Hoffmeins über: die klinische Bedeutung der Pneumatosis cystoides des Magen-Darmkanals, nebst einem Beitrag zur Cystitis emphysematosa. *Zbl. Chir.*, 1935, 62: 1531.

— Polyposis.

TONNESEN, H. Polyposis gastro-intestinalis. 224p. 8°. Kbh., 1931.

WEBER, H. *Klinisch-chirurgischer Beitrag zu den Polypen des Magen-Darmkanals und der diffusen Polyposis [Berlin] 27p. 21cm. Werne, 1936.

Aizman, I. M. [Cases of multiple polyposis of the gastro-intestinal tract]. *Vest. khir.*, 1928, 14: 116-27.—**Anderson, H. B., & Tovell, H. M.** Polypoid and polypoid conditions of the gastro-intestinal tract; with special reference to pathologic and radiologic aspects. *Am. J. M. Sc.*, 1931, 182: 177-91.—**Avidon, D. B.** [Case of multiple polyposis of the gastro-intestinal tract]. *Vest. khir.*, 1938, 56: 110-2.—**Giraudo, G.** Sui polipi adenomatosi e pseudo-adenomatosi dello stomaco e dell'intestino. *Radiol. med.*, Milano, 1934, 21: 1003-30.—**Güttig, C., & Herzog, A.** Polypenbildung im ganzen Magen-Darmtrakt. *Röntgenpraxis*, 1934, 6: 671-6.—**Harbbe, J. E.** Diffuse gastroduodenale polyposis; en nappe. *Am. J. Roentg.*, 1932, 28: 68-74.—**Kulakov, A. N.** [Polyposis of the gastro-intestinal tract]. *Vrach. gaz.*, 1930, 34: 1211-5.—**Kutsukake, A.** Polyposis gastrointestinalis und ihre krebsige Entartung. *Gann, Tokyo*, 1928, 22: 1-4.—**Lawrence, J. C.** Gastro-intestinal polypos; statistical study of malignancy incidence. *Am. J. Surg.*, 1936, 31: 499-505.—**Marcus, J. M.** Bleeding from the gastrointestinal tract caused by benign polypoid tumors; report of cases. *Ibid.*, 1927 n. ser., 3: 342-5.

— Ptois.

See Gastroenteroptosis.

— Radiology.

SCHLESINGER, E. Die Röntgendiagnostik der Magen- und Darmkrankheiten. 2. Aufl. 402p. 8°. Berl., 1922.

Albrecht, H. U. Röntgenologische Fehldiagnosen am Magendarmkanal. *Deut. med. Wschr.*, 1935, 61: 663; 710. Also In *Samml. wicht. Frühdiagn.*, Lpz., 1936, 191-213.—**Ueber die röntgenologische Morphologie des Magens und Duodenums.** *Zbl. Chir.*, 1937, 64: 1725.—**Arndsen Hein, J. A.** Ueberlegenheid en verlegenheid in de moderne röntgendiagnostiek van het maagdarmkanaal. *Ned. tsehr. geneesk.*, 1932, 77: 280-8, 4 pl.—**Armani, L.** Comportamento radiologico gastro-intestinale sotto l'azione dell'acido cloridrico. *Gior. clin. med.*, 1926, 7: 607-16.—**Ayres, C.** The value of X-ray in gastro-intestinal diseases. *Med. J. Australia*, 1918, 2: 5-10.—**Balli, R.** Sul limite fra il normale ed il patologico nella radiologia del tubo digerente. *Atti Congr. ital. radiol. med.*, 1922, 4. Congr., 26-65.—**Barker, W. C.** The patient factor in Roentgen ray examination of the gastro-intestinal tract. In *X-Ray studies* (Gen. Elec. X-Ray Corp.) Chic., 1935, 80-9. Also *Rev. radiol. fisioter.*, Chic., 1936, 3: 165-77.—**Bauer, H.** Wieviel kann uns die Röntgenbreitpassage über die Magendarmmotilität sagen? *Med. Welt*, 1939, 13: 1058-61.—**Bayer, L.** Röntgenologische Beiträge zur Physiologie und Pathologie des Magendarmkanals. *Fortsch. Röntgenstrahl.*, 1934, 49: 547-66.—**Berg, H. H.** Klinische Röntgendiagnostik der Magen- und Duodenumerkrankungen. *Med. Klin.*, 1929, 25: Beih., 12-5.—**Ueber Röntgendiagnostik am Magendarmkanal.** *Verh. Deut. Röntg. Ges.*, 1933, 26: 13-7.—**Black, A. B.** A demonstration of the X-ray diagnosis of the gastro-intestinal tract. *Glasgow M. J.*, 1929, 111: 257-78.—**MacLean, A. B.** [et al.] A demonstration of the X-ray diagnosis of the gastro-intestinal tract. *J. R. Med. Chir. Soc. Glasgow*, 1928-29, 23: 121-42.—**Boggs, R. H.** The radiographical examination of the gastro-intestinal tract. *N. York M. J.*, 1911, 93: 1129-31.—**Boand, S. J.** Radiology of the gastro-intestinal tract; the value of co-operation. *Irish J. M. Sc.*, 1938, 6, ser., No. 154, 670-3.—**Boros, E.** Fluoroscopy in gastrointestinal diseases. *Med. J. & Rec.*, 1930, 132: 551-3. Also repr.—**Bouslog, J. S.** The gastro-intestinal tract in children. *Radiology*, 1937, 28: 683-92.—**Cunningham, T. D.** [et al.] Roentgenologic studies of the infant's gastro-intestinal tract. *J. Pediat.*, S. Louis, 1935, 6: 234-48.—**Brodersen, H.** Aus dem neuesten Schrifttum der Magendarmröntgenologie. *Med. Klin.*, Berl., 1937, 33: 1610-3.—**Cunha, J.** Consideraciones sobre la anatomía y la fisiología gastroduodenales desde el punto de vista radiológico. *An. Fac. med.*, Montev., 1925, 10: 409-26. Also *Radiology*, 1925, 5: 459-67.—**Dubus, A.** Contribution à l'étude radiologique de la région gastroduodénale. *J. radiol. électr.*, 1933, 17: 627-9.—**Evans, E., & Evans, J. A.** The Roentgen ray as an aid in gastroenterology; cases illustrating difficult diagnostic problems solved. *Tr. West. Surg. Ass.* (1926) 1927, 36: 69-93. Also *Wisconsin M. J.*, 1927, 26: 294-9.—**Fariñas, P. L.** Valor clínico de un informe radiológico negativo de estómago y duodeno. *Vida nueva, Habana*, 1937, 39: 32-7.—**Files, G. W.** Radiography of the stomach and colon. In *X-Ray studies* (Gen. Elec. X-Ray Corp.) Chic., 1935, 90-101. Also *Rev. radiol. fisioter.*, Chic., 1936, 3: 204-18.—**Fulton, J. S.** The radiological examination of the stomach and duodenum. *Tr. R. Med. Chir. Soc. Glasgow*, 1933-34, 28: 88-96. Also *Glasgow M. J.*, 1934, 121: 88-96.—**Galstaun, G.** The radiological examination of the stomach and duodenum. *Ind. M. Gaz.*, 1938, 73: 74-81.—**García Téllez, S.** Radiología gastroduodenal. *Arch. méd. ferrocar.*, Méx., 1939-40, 1: 144-58.—**Geyman, M. J.** Roentgen examination of the gastro-intestinal tract. *Southwest. M.*, 1931, 15: 548-53.—**Holzknacht, G.** L'état actuel de l'examen radiographique de l'estomac et de l'intestin. *Arch. électr. méd. exp.*, 1913, 23: 145-66.—**Hudecki, S. M.** Roentgenologic examination of the upper gastro-intestinal tract. *Univ. Toronto M. J.*, 1939-40, 17: 225-32, pl.—**Iskovitch, I.** The present state of the X-ray diagnosis of the gastro-intestinal tract. *J. Egypt. M. Ass.*, 1933, 16: 989-1015.—**Jordan, A. C.** X-rays in the diagnosis of gastrointestinal disorders. *Practitioner*, Lond., 1926, 116: 153-60.—**Keutner, A.** Die heutige Treffsicherheit der Röntgendiagnose bei Erkrankungen des Magens und Zwölffingerdarms. *Fortsch. Röntgenstrahl.*, 1939, 60: 421-41.—**Kirkland, A. S.** Expectations and realizations from routine roentgenological gastro-intestinal examination. *Canad. M. Ass. J.*, 1926, 16: 1093-6.—**Kirklin, B. R.** Factors of error in roentgenologic distinction between the normal and the diseased stomach and duodenum. *Am. J. Digest. Dis.*, 1934, 1: 260.—**Roentgenologic examination of the stomach and duodenum; selection of patients.** *California West. M.*, 1935, 43: 261-5. Also *Radiol. Rev.*, 1938, 60: 188-95.—**Koenig, E. C.** Five thousand gastro-intestinal X-ray examinations; a review and summary of the conclusions. *N. York State J. M.*, 1936, 36: 264.—**Landaburu, J. C.** Exploración radiológica gastroduodenal. *Bol. Inst. med. exp. cáncer, B. Air.*, 1926, 2: 231-67.—**Lauenberg, V. J.** [Correlation between pathological condition of the stomach and duodenum in Roentgen picture]. *Ter. arkh.*, 1935, 13: 75-88. Also *Klin. med.*, Moskva, 1936, 14: 1309-17.—**Leonard, C. L.** La radiographie de l'estomac et des intestins. *Arch. électr. méd. exp.*, 1913, 23: 297-328.—**Levin, A. L., & Shushan, M.** The value of X-ray studies in diseases of the gastro-intestinal tract. *N. Orleans M. & S. J.*, 1936-37, 89: 123-6.—**Lingley, J. R.** Case report from the Massachusetts General Hospital, Boston, Massachusetts. *Am. J. Roentg.*, 1938, 40: 619-21.—**Loichinger, C.** Zur Geschichte der röntgenologischen Magendarmuntersuchung. *Fortsch. Röntgenstrahl.*, 1928, 38: 1067-72.—**López, J.** Estudio radiológico del estómago y del duodeno; a propósito de una visita a la clínica de Barcia,

en Montevideo. *Rev. cir.*, B. Air., 1939, 18: 223-7.—**McKinney, J. T.** Roentgen ray diagnosis of diseases of the gastro-intestinal tract. *West Virginia M. J.*, 1927, 23: 402-6.—**McWhirter, R.** Radiological examination of the gastro-intestinal tract. *Edinburgh M. J.*, 1936, 43: Suppl. Tr. Med. Chir. Soc., 41-54.—**Macy, I. G., Reynolds, L.** [et al.] Normal variation in the gastrointestinal response of healthy children. *Am. J. Roentg.*, 1940, 43: 394-403.—**Mailer, R.** The radiological factor in the diagnosis of gastric and duodenal disease. *Glasgow M. J.*, 1929, 112: 9-24.—**Merrill, A. S.** Report of 5,000 gastrointestinal examinations by the Roentgen ray. *Am. J. Roentg.*, 1925, n. ser., 14: 310-9.—**Nemours-Auguste.** A propos de l'examen radiologique de l'estomac et du duodénum. *Presse méd.*, 1934, 42: 219.—**Parmelee, B. M.** Roentgenological examination of the gastro-intestinal tract; our follow-up observations. *Proc. Connecticut M. Soc.*, 1925, 133: 130-9. Also *Med. Progr.*, Louisville, 1926, 42: 76-9.—**Percy, N. M., & Beilin, D. S.** An analysis of 1,000 consecutive examinations of the stomach and duodenum from the clinical, roentgenologic, and surgical viewpoints with particular reference to the incidence, diagnosis, and treatment of gastric and duodenal ulcer and carcinoma of the stomach. *Am. J. Roentg.*, 1934, 32: 179-88.—**Perkel, L. L.** The rôle of roentgen diagnosis in gastro-intestinal diseases. *Med. J. & Rec.*, 1931, 134: 159-62. Also repr.—**Perkins, C. W.** Roentgenology of the normal alimentary tract. *Interst.*, M. J., 1918, 25: 301-12.—**Pfahler, G. E.** How the radiologist can help the general practitioner in gastro-intestinal diseases. *J. M. Soc. N. Jersey*, 1937, 34: 561-4.—**Phillips, C. C., & Lafferty, R. H.** X-ray examination of the stomach and duodenum. *South. M. & S.*, 1927, 89: 162-4.—**Porcher, P.** Quelques réflexions sur la radiologie digestive; à propos des images limitées et de quelques observations. *Médecine, Par.*, 1939, 20: 453-65.—**Prokofiev, N. N.** [Divergences between roentgenoscopic and operative findings in gastroduodenal tumors and ulcers] *Khirurgiya, Moskva*, 1937, No. 11, 134-46.—**Reynolds, L., Macy, I. G., & Souders, H. J.** The gastro-intestinal response of children to test meals of barium and pasteurized, evaporated, and base-exchanged milks. *J. Pediat.*, S. Louis, 1939, 15: 1-12.—**Reynolds, L., Macy, I. G.** [et al.] The gastro-intestinal response of average, healthy children to test meals of barium in milk, cream, meat and carbohydrate media. *Am. J. Roentg.*, 1940, 43: 517-32.—**Roberts, D.** The history of gastro-intestinal roentgenology. *Tr. Am. Gastroenter. Ass.* (1927) 1928, 30: 8-15.—**Ruckenstein, E.** Die Röntgendiagnostik des Magens und des Zwölffingerdarms im morphologischen Bild. *Münch. med. Wschr.*, 1939, 86: 1576-83.—**Sack, G. M.** Beitrag zur Magen- und Duodenal-Diagnostik. *Röntgenpraxis*, 1934, 6: 451-8.—**Salmond, R. W. A.** Radiological examination of stomach and duodenum. *Brit. M. J.*, 1936, 1: 553.—**Salotti, A.** La spostabilità dello stomaco e del grosso intestino nelle due posizioni fondamentali dell'osservazione radiologica. *Radiol. med.*, Milano, 1927, 14: 643-55.—**Schaefer.** Röntgenologische Untersuchungen des Magens und Darms in der Schwangerschaft und im Wochenbett. *Verh. Deut. Röntg. Ges.*, 1933, 26: 30.—**Schilling, C., & Sametnik, S.** Vergleichende pathologisch-anatomische und röntgenologische Studien der Magen-Darmerkrankungen. *Fortsch. Röntgenstrahl.*, 1931, 43: 306; 1933, 47: 411.—**Shanks, S. C.** Stomach, duodenum and diaphragm [X-ray diagnosis]. In *Textb. X-ray Diagn.* (Shanks, S. C., et al.) Lond., 1938, 2: 34-196.—**Simpson, H. M.** Importance of early X-ray diagnosis in gastro-intestinal disease. *J. M. Ass. Alabama*, 1939-40, 9: 175-7.—**Skinner, E. H.** Fluoroscopy of the gastro-intestinal tract. *Am. J. M. Sc.*, 1911, 141: 883-8.—**Taskin.** Les images radiologiques normales chez le chien; l'estomac et l'intestin. *Rev. path. comp.*, Par., 1922, 22: 410-25.—**Ungar, E.** [Roentgen diagnosis in cases of pain in the gastro-intestinal tract] *Cas. lek. česk.*, 1929, 68: 663-6.

— Radiology: Methods.

VALLEBONA, A. Esame radiologico dello stomaco e del duodeno; moderni indirizzi di tecnica. 346p. 8° Bologna, 1931.

Albrecht, H. U. Röntgenologische Morphologie des Magens und Duodenums; Untersuchungstechnik und ihre Ergebnisse. *Fortsch. Röntgenstrahl.*, 1937, 56. Kongr., 28-32 [Discussion] 35.—**Bell, J. C.** Methods of roentgen examination of the gastrointestinal tract. *Am. J. Roentg.*, 1937, 38: 711-9.

Some uses of the spot film in the Roentgen-ray examination of the gastro-intestinal tract. *Radiology*, 1940: 34: 469-80.—**Bernard, A., & Monnier, H.** Utilité de la paralysie atropinique pendant l'examen du tube digestif. *Arch. mal. app. digest.*, Par., 1938, 28: 806-12.—**Berner, F.** Ueber ein schattenarmes pneumatisches Kompressorium für die Magen-Darmdiagnostik. *Röntgenpraxis*, 1932, 4: 611-3.—**Carnot, P., & Diocles, L.** Technique et indications du décubitus latéral droit, dans le radio-diagnostic gastro-duodénal. *Arch. mal. app. digest.*, Par., 1934, 24: 747-57.—**Carty, J. R., & Merrill, V.** Some essential considerations of the technic of gastrointestinal radiography. *Radiology*, 1936, 26: 531-8.—**Dresser, R., & Scholz, F.** A device for making radiographs of the gastro-intestinal tract. *N. England J. M.*, 1933, 209: 1343-6.—**Fariñas, P. L.** El método de compresión con control fluoroscópico en el estudio de las lesiones gastro-duodenales. *Rev. méd. cubana*, 1933, 44: 629-37.—**Fujinami, S.** Er-

forschung über die röntgenologischen Untersuchungsmethoden bei chirurgischen Magen-Darmbild-Erkrankungen nebst der Röntgenbild-Demonstration. *Arch. jap. Chir.*, 1937, 14: 756; 1938, 15: 209; 1951.—**Golden, R., & Swenson, P. C.** Experiences with a compression device in examinations of the alimentary tract. *Radiology*, 1940, 34: 457-68.—**Graf.** Ein neues Röntgengerät für Magen- und Darmuntersuchungen. *Verh. Deut. Röntg. Ges.*, 1933, 26: 49.—**Guénaux & Vasselle.** L'unification du repas opaque en gastro-entérologie. *J. radiol. électr.*, 1932, 16: 114-6.—**Holmes, G. W., & Dresser, R.** The use of amyl nitrate as an antispasmodic in the Roentgen examination of the gastrointestinal tract. *Am. J. Roentg.*, 1928, 19: 44-7.—**Ingber, E.** Sopra un nuovo accessorio utile per le indagini radiologiche sull'apparato gastro-enterico; il distinctor universale. *Arch. radiol.*, Par., 1938, 14: 474-6.—**Janker, R.** Zur Anwendung des Chaouschen Gurt-Ballon-Kompressoriums bei der Magen- und Darmuntersuchung. *Röntgenpraxis*, 1929, 1: 289-96.—**Kaufmann, W.** Zusätzliche Filterung im kranialen Bildausschnitt bei Übersichtsaufnahmen von Magen und Darm des Potliker (in aufrechter Haltung) besonders vorteilhaft für Röntgenpapieraufnahmen. *Ibid.*, 1935, 7: 46-9.—**Kirklin, B. R.** A technic for roentgenoscopic examination of the stomach and duodenum. *Radiology*, 1936, 26: 521-30.—**Ledoux-Lebard & Garcia-Calderon, J.** Notre technique de l'examen radiologique gastro-duodénal. *Bull. Soc. radiol. méd. France*, 1933, 21: 678-90.—**Lob, A.** Erfahrungen und Ergebnisse röntgenkymographischer Untersuchungen am Magen und Duodenum. *Fortsch. Röntgenstrahl.*, 1937, 56: 689-705. — Die Untersuchungstechnik des Magens und Duodenums mittels Kymographie. *Ibid.*, Kongr., 33-6.—**Lyons, C. G.** Procedure in combining cholecystography with gastro-intestinal examinations. *Med. Bull. Veterans Admin.*, 1931, 7: 843.—**Manning, W. J.** Roentgenographic gastro-colonic meter. *J. Radiol.*, 1925, 6: 500-2.—**Monnier, H.** Intérêt de la paralysie atropinique pour l'étude des lésions gastro-duodénales. *J. radiol. électr.*, 1939, 23: 510-3.—**Montague, J. F.** A suggested modification in the technic of X-ray examinations of the gastrointestinal tract. *Med. J. & Rec.*, 1927, 125: 602.—**Nemenov, M. I.** [Apparatus for gauged compression in examination of the gastro-intestinal tract] *Vest. rentg.*, 1933, 12: 271-3.—**Nemours-Auguste.** Sur quelques points de techniques dans l'examen du bulbe duodénal et de l'estomac. *Bull. Soc. radiol. méd. France*, 1932, 20: 629-31.—**New (A)** apparatus for serial roentgenography of the gastro-intestinal tract. *Radiology*, 1926, 6: 64-6.—**O'Connell, T. C. J.** A simplified method of roentgen examination of the gastro-intestinal tract. *Irish J. M. Sc.*, 1936, ser. 6, 613-26, 6 pl.—**O'Sullivan, J.** Some recent developments in the radiological examination of the gastro-intestinal tract. *Med. J. Australia*, 1931, 1: 685-90, 8 pl. Also *Brit. J. Radiol.*, 1932, n. ser., 5: 97-106, 16 pl.—**Pineda, J. C.** La fluoroscopia en el examen de tractus gastro-intestinal. *Rev. med. cir. Habana*, 1933, 40: 979.—**Pomeranz, R.** The newer radiologic methods of gastro-intestinal examination: a critical evaluation and practical survey based on personal experience. *J. M. Soc. N. Jersey*, 1933, 30: 831-7.—**Poppel, M. H.** Double contrast method in roentgenography of the gastro-intestinal tract. *Am. J. Roentg.*, 1937, 37: 379-81.—**Reindell, H.** Vergleichende Untersuchungen am Magen-Darmkontrastmitteln. *Fortsch. Röntgenstrahl.*, 1937, 56: 653-62.—**Ritvo, M.** Drugs as an aid in roentgen examination of the gastro-intestinal tract. *Am. J. Roentg.*, 1936, 36: 868-74.—**Sheldon, F. B.** The importance of teeth in routine gastro-intestinal examinations. *Radiology*, 1927, 8: 241-4.—**Sokolov, M. I.** [Method of straining the stomach in roentgen examination of gastro-duodenal tract] *Nov. khir. arkh.*, 1937, 39: 445.—**Stark, J. D.** Protection during gastrointestinal roentgenoscopy; a fixed manual palpation device. *Am. J. Roentg.*, 1938, 39: 480-2.—**Stecher, W. R.** A practical device for gastrointestinal roentgenography under roentgenoscopic control. *Ibid.*, 1936, 35: 123-7.—**Steiner, G.** Zur Bewertung röntgenmorphologischer Befunde für die Diagnostik am Magen-Dünndarm, besonders der Regio praepylorica. *Med. Klin. Berl.*, 1933, 29: 1484; 1514.—**Stewart, W. H., & Stetten, DeW.** Cine-fluorographic studies of lesions of the gastro-intestinal tract. *Tr. Am. Gastroenter. Ass.*, 1937, 40. meet., 37-9. Also *Am. J. Digest. Dis.*, 1937-38, 4: 665-7.—**Vespignani, A.** La posizione triclinalare destra nell'esame radiologico dello stomaco e del duodeno. *Radiol. med.*, Milano, 1926, 13: 272-81.—**Woldman, E. E.** Barium sulphate suspension in colloidal aluminum hydroxide; an improved contrast medium for the roentgenographic diagnosis of gastro-intestinal lesions. *Am. J. Roentg.*, 1938, 40: 705-7.—**Ziegler, J., & Hirsch, W.** Ueber den Gasgehalt des Magendarmkanals und die Mittel zu seiner Beseitigung in Hinsicht auf die Röntgenuntersuchung. *Fortsch. Röntgenstrahl.*, 1925, 33: 698-708.

— Radiology: Mucosal relief.

COLE, L. G., POUND, R. E. [et al.] Radiologic exploration of the mucosa of the gastro-intestinal tract. 336p. 8° S. Paul, 1934.

Also *Radiology*, 1932, 18: 221; 471; 886.

GRETTVE, S. Morphologische und tierexperimentelle Studien über das Schleimhautrelief des Magen-Darmkanals; Beitrag zur Kenntnis der anatomischen Unterlage des Schleimhautreliefs

und des Mechanismus der Faltenbildung. 126p. 8°. Stockh., 1936.

Bell, J. C. Apparatus for the so-called mucosal relief type of gastro-intestinal examination. *Radiology*, 1937, 28: 593-600.—Berg, H. H. Vom Innenrelief des Magen-Darmkanals. *Klin. Wschr.*, 1926, 5: 1994. —Reliefstudien am Magendarmkanal. *Fortsch. Röntgenstrahl.*, 1929, 40: 844-553. Also *Verh. Deut. Röntg. Ges.*, 1929, 20: 54 [Discussion] 61-5. Also *Schweiz. med. Wschr.*, 1930, 60: 1126-9.—Casati, A. Studi sull'immagine radiologica della mucosa gastro-intestinale. *Radiol. med.*, Milano, 1940, 27: 425-39.—Cole, L. G. Radiological exploration of the mucosa of the gastro-intestinal tract. *Rapp. Congr. internat. radiol.*, 1931, 3. Congr., 97-204.—Ginneken, L. J. J. van [Roentgen examination of gastro-intestinal mucosa] *Ned. tsschr. geneesk.*, 1930, 74: 1411-4.—Hernández Beguerie, R. L. Estudio radiológico de relieve de la mucosa gastro-duodenal. *Arch. med. int.*, Habana, 1936, 2: 240-62.—Hershenson, M. A. The clinical value of visualizing the mucosal pattern of the stomach and duodenum. *Pittsburgh M. Bull.*, 1936, 25: 380-6.—Holmes, G. W., & Schatzki, R. Examination of the mucosal relief as a diagnostic aid in diseases of the gastrointestinal tract. *Am. J. Roentg.*, 1935, 34: 145-57.—Lecoux-Lebard, E., & Garcia-Calderon, J. Etude radiologique de la muqueuse gastro-duodénale; quelques applications pratiques. *Arch. mal. app. digest.*, Par., 1931, 21: 215-23.—Maissa, P. A. Importancia del estudio radiológico del relieve mucoso en las afecciones gastroduodenales. *Prensa méd. argent.*, 1940, 27: 1346-58.—Overend, T. D. The relief study of the stomach and colon. *Brit. J. Radiol.*, 1933, 6: 288-93.—Rohrbach, A. Röntgenologische Reliefuntersuchungen am Magen und Duodenum. *Med. Klin.*, Berl., 1930, 26: 469-72.

— Sarcoma [including lymphosarcoma]

MEYER-BORNSEN, A. *Das Lymphosarkom im Magen-Darmkanal. 39p. 23½cm. Kiel, 1935.

Cheever, D. Clinical aspects and treatment of primary lymphosarcoma of the stomach and intestines. *Tr. Am. Surg. Ass.*, 1932, 50: 508-20. Also *Ann. Surg.*, 1932, 96: 911-23.—Johnson, J. A. Lymphosarcoma of the stomach and bowel; with report of 2 cases. *Nicollet Clin. Bull.*, 1940, 1: 37-40.—Manzini, C. Emoistoblastomatosi o linfosarcomatosi di Kundrat localizzata e diffusa al solo tubo gastro-enterico. *Gazz. internaz. med. chir.*, 1937, 47: 78; 108.—Reifenstein, E. C. Lymphosarcoma of the gastrointestinal tract. *Rev. Gastroenter.*, 1937, 4: 82-96.—Strauss, A. A., Bloch, L. [et al.] Sarcoma of the duodenum and stomach. *Surg. Clin. N. America*, 1925, 5: 977-84.—Szabó, E. [Primary gastro-intestinal sarcoma] *Orvosképzés*, 1935, 25: dec. külf. (T. Verebely Festschr.) 122-32, 8 pl.—Weeden, W. M. Lymphosarcoma of the gastro-intestinal tract, with a report of 13 cases. *Ann. Surg.*, 1929, 90: 247-52.

— Situs inversus.

See also under Viscera.

BENKOWITZ, J. *Beitrag zur Genese und Diagnostik des partiellen Situs inversus des Magens und Zwölffingerdarms. 24p. 23½cm. Halle, 1938.

Eisenstein, A. Fall von eigenartiger angeborener Lageanomalie des Magens (Situs inversus partialis et duodeni) *Fortsch. Röntgenstrahl.*, 1927, 36: 100-3. Situs inversus pylori et duodeni und Linkslage des Pylorus und Duodenums bei reitendem Magen. *Ibid.*, 1929, 39: 907-10.—Révész, V. Linkslage des Pylorus und Duodenums bei reitendem Magen. *Ibid.*, 1928, 38: 679-84.

— Stasis.

See under subheading Atony.

— Surgery.

See also Gastroduodenostomy; Gastroenterostomy; Gastroileostomy; Gastrojejunostomy.

BRILL, H. E. E. *Ergebnisse der Magen- und Duodenalchirurgie an einem kleinen Krankenhaus [Berlin] 27p. 8°. Charlottenb., 1928.

GORODICHE, J. *Contribution à l'étude des indications opératoires en chirurgie gastro-duodénale. 48p. 8°. Par., 1935.

GULEKE, N., NIEDEN, H., & SMIDT, H. Die Chirurgie des Magens und Zwölffingerdarms. p.361-680. 8°. Berl., 1927.

In *Chirurgie* (Kirschner & Nordmann) Berl., 1927, 5:

HORSLEY, J. S. Surgery of the stomach and small intestine. 325p. 8°. N. Y., 1926.

— Surgery of the stomach and duodenum. 260p. 8°. S. Louis, 1933.

MAINGOT, R. Stomach and duodenum. p.145-557. 8°. N. Y., 1936.

MIKULICZ, J. VON, & KAUSCH, W. Die Chirurgie des Magens und Darms. p.130-387. 8°. Stuttg., 1923.

In *Handb. prakt. Chir.*, 5. Aufl., Stuttg., 1923, 3:

MOÏSE, T. S., & STABINS, S. J. Surgery of the stomach and duodenum. p. 505-76. 8°. N. Y., 1933.

In *Pract. Libr. M. & S.* (Appleton) 1933, 4:

OSTER, G. *Ueber die Erfolge der Magen- und Duodenaloperationen auf Grund katamnästischer Untersuchungen [Berlin] 27p. 8°. Charlottenb., 1930.

PREVOST, J. *Contribution à l'étude du chimisme gastrique dans les affections chirurgicales de l'estomac et du duodenum, contrôlées opératoirement. 95p. 8°. Par., 1934.

RHÉUAME, P. Z. Technique chirurgicale; estomac et duodenum. 260p. 8°. Par., 1932.

Allen, B., & Boling, J. R. X-ray diagnosis and surgical management of gastric and duodenal lesions. *J. Florida M. Ass.*, 1934, 21: 233-6.—Angerer, H. Veränderungen im Magendarmtrakte nach operativer Aenderung der Reizlage. *Arch. klin. Chir.*, 1926, 139: 547-56.—Antonoli, G. M. L'importanza chirurgica delle variazioni della flora microbica gastro-duodenale dopo interventi sullo stomaco e sul duodeno. *Arch. ital. chir.*, 1933, 35: 665-701.—Balfour, D. C. Fundamental principles in surgery of the stomach and duodenum; report of 400 cases. *Surg. Gyn. Obst.*, 1926, 42: 167-71.

— Report of surgical procedures of the stomach and duodenum for 1928. *Proc. Mayo Clin.*, 1929, 4: 62.

Gray, H. K. Anomalous insertion of the esophagus facilitating total gastrectomy for linitis plastica; stones removed from the common bile duct 4 years after partial gastrectomy for extensive carcinoma; duodenal ileus: congenital deformity of the duodenum; simple submucous multilocular cystadenoma of the duodenum. *Surg. Clin. N. America*, 1932, 12: 857-63.—Boles, R. S. Unsuccessful gastro-intestinal surgery from a medical viewpoint. *Tr. Luzerne Co. M. Soc.* (1925) 1926, 25: 177-89. Also *Am. J. M. Sc.*, 1926, 171: 369-76.—Case, J. T.

Gastric and duodenal Roentgen-ray findings after operation. *J. Am. M. Ass.*, 1925, 85: 1385-91.—Copello, O. La exploración quirúrgica gastro-duodenal. *Congr. argent. cir.*, 1930, 109-18.—Cox, W. V. Recent advances in gastrointestinal surgery. *Maine M. J.*, 1936, 27: 175-7.—Crile, G. W. Surgery of the stomach and duodenum; with special reference to ulcer. *J. Am. M. Ass.*, 1925, 85: 1625-8.—Distefano, G. Contributo istologico allo studio del comportamento delle suture gastro-intestinali umane in prossimità ed a distanza dell'intervento. *Ann. ital. chir.*, 1934, 13: 173-200.—Donati, M. I progressi della chirurgia gastro-intestinale nell'ultimo decennio. *Rass. internaz. clin. ter.*, 1929, 10: 983-1000.—Dujarier, C. Etat actuel de la chirurgie gastro-duodénale. *J. méd. fr.*, 1911, 5: 401-8.—Elansky, N. N. Periodische Tätigkeit des Magens bei chirurgischen Magen- und Zwölffingerdarmkrankungen vor und nach der Operation. *Arch. klin. Chir.*, 1930, 158: 113-47.—Finney, J. M. T. Some problems in gastro-intestinal surgery. *J. Am. M. Ass.*, 1911, 56: 1625-30.—Gowdy, R. A. Gastric and duodenal surgery. *J. Florida M. Ass.*, 1939-40, 26: 331-6.—Heaney, F. J. S. Results of a series of gastric and duodenal operations. *Brit. M. J.*, 1928, 1: 1055-8.—Hellstrom [Interesting case of gastro-intestinal surgery] *Sven. läk. tidn.*, 1934, 31: 351-440.—Hernández, B. Cómo se ha desarrollado la cirugía gastro-duodenal en Costa Rica. *Mem. Congr. méd. centroamer.*, 1934, 2. Congr., 43-5.—Horsley, J. S. Some underlying principles of intestinal and gastric surgery. *Ann. Surg.*, 1921, 73: 199-210. —The bearing of certain physiologic facts on gastro-intestinal surgery. *J. Am. M. Ass.*, 1935, 104: 367-70. —Emergency surgery of the stomach and duodenum. *South. M. J.*, 1937, 30: 549-53.—Iacobovici, I. [Operations on stomach and duodenum] *Spitalul*, 1930, 50: 457-60. —[Certain observations on gastro-duodenal surgery] *Ibid.*, 1937, 57: 1-6.—Jones, C. M. Surgery of the stomach and duodenum; medical aspects. *N. England J. M.*, 1940, 222: 425-7.—Judd, J. R. Reflections on gastroduodenal surgery. *Proc. Congr. Panpacific Surg. Ass.*, 1939, 3. Congr., 78-84.—Kirklin, B. R. Roentgenologic determination of normal and abnormal results following operation on the stomach and duodenum. *Am. J. Roentg.*, 1933, 33: 468-80.—Lahey, F. H. The selection of the operative procedure for various gastric and duodenal lesions. *Surg. Clin. N. America*, 1933, 13: 541-59. —Surgery of the stomach and colon. *Bull. Chicago M. Soc.*, 1939-40, 42: 20-6. —& Marshall, S. F. Some unusual gastro-enterological surgical problems. *Am. J. Digest. Dis.*, 1939-40, 6: 654-64.—Lorenz, H. Ueber Magen- und Darmoperationen. *Wien. med. Wschr.*, 1927, 77: 572; 609.—Luquet, G. Les conceptions de Victor Pauchet dans la chirurgie de l'estomac et du duodenum. *Rev. chir.*, Par., 1937, 75: 360-77.—McIver, M. A. Review of gastro-intestinal surgery in 1931. *N. England J. M.*, 1932, 207: 743-5.—McLean, D. W., & Kennedy, C. S. Surgery of the stomach

and duodenum. *Grace Hosp. Bull.*, Detr., 1938, 22: 7-33.—**Maier, R.** The later results of operations on the stomach and duodenum. *Glasgow M. J.*, 1936, 125: 109-23.—**Mairano, M.** Il comportamento della funzione chimica in seguito alla gastroenteroanastomosi ed alla resezione gastrica. *Arch. Soc. ital. chir.* (1937) 1938, 44: 161-96.—**Miller, R. H.** Surgical procedures on the stomach and duodenum; indications and results. *N. England J. M.*, 1929, 200: 575-80.—**Montanari-Reggiani, M.** Le modificazioni apportate dalla gastroenteroanastomosi e dalla resezione gastrica sul potere antipeptico del siero di sangue e sul chimismo gastrico negli ulcerosi gastro-duodenali. *Arch. sc. med.*, Tor., 1937, 63: 421-68.—**Morrison, W. B.** The surgical treatment of benign and malignant lesions of the stomach and duodenum. *West Virginia M. J.*, 1934, 30: 444-52.—**Pérez Fontana, V.** La cirugía gastro-duodenal en la Mayo Clinic. *Dia méd.*, B. Air., 1929-30, 2: 624; 944.—**La cirugía gastro-duodenal en la Mayo Clinic: ulcera y cáncer del estómago.** *Ibid.*, 775.—**Redwitz, E. von.** Magen, Dünndarm und Duodenum; Uebersichtsreferat. *Jahrb. ges. Chir.* (1920) 1922, 26: 521-67.—**Saint, C. F. M.** Two cases illustrating several points in the surgery of the stomach and duodenum. *S. Afr. M. Rec.*, 1926, 24: 403-5.—**Schnitzler, J.** Ueber radikales und palliatives Operieren bei Magen- und Darmkrankheiten. *Wien. klin. Wschr.*, 1934, 47: 1105-11. Also *Aerzt. Prax.*, Wien, 1935, 9: 207-13.—**Siegmund, F. W.** Surgery of the stomach and duodenum. *Pacific Coast J. Homoeop.*, 1935, 46: 76-84.—**Stefanini, P.** Alcune note istologiche intorno al processo di guarigione delle suture gastro-intestinali. *Arch. Soc. ital. chir.*, 1937, 43: 923-47.—**Strode, J. E.** Gastroduodenal surgery. *Ann. Surg.*, 1936, 104: 373-81.—**Some observations on gastro-duodenal surgery.** *Proc. Clinic, Honolulu*, 1936, 2: No. 5, 1-10, 3 pl.—**Walters, W.** Factors determining the choice of operation in diseases of the stomach and duodenum. *Surg. Clin. N. America*, 1938, 18: 1055-68.—**Gray, H. K., & Priestley, J. T.** Surgical report for 1938 on lesions of the stomach and duodenum. *Proc. Mayo Clin.*, 1939, 14: 807-14.

Surgery: Anesthesia.

Alivisatos, C. N. L'emploi de la solution percaïne-novocaïne pour l'anesthésie loco-régionale dans la chirurgie gastro-duodenale. *Gaz. méd. France*, 1935, 42: 71-5.—**Billet, H.** L'anesthésie des nerfs splanchiques en chirurgie gastro-intestinale. *P. verb. Congr. fr. chir.*, 1924, 33. Congr., 705-10.—**Caillaud.** Choix de l'anesthésie en chirurgie gastro-intestinale. *Ibid.*, 692-4.—**Delagenière, Y.** Avantages de l'anesthésie générale dans la chirurgie gastro-duodenale. *Ibid.*, 1935, 44: 314-21.—**Delbet, P.** Des soins pré- et post-opératoires, du choix de l'anesthésie dans les opérations de l'estomac et de l'intestin. *Ibid.*, 1924, 33: 710-3.—**Dupuy de Frenelle.** Choix de l'anesthésie en chirurgie gastro-intestinale. *Ibid.*, 729-31.—**Labat, G., & Amster, J. L.** Regional anesthesia in cancer of the gastro-intestinal tract. *Arch. Clin. Cancer Res.*, 1925, 1: No. 3, 77-93.—**Lapeyre.** L'anesthésie à la scopolamine-morphine en chirurgie gastro-intestinale (sa technique). *P. verb. Congr. fr. chir.*, 1924, 33: 701-5.—**Lardenois, G.** Soins pré- et post-opératoires choisis de l'anesthésie en chirurgie intestinale. *Ibid.*, 619-73.—**Lundy, J. S.** Anesthesia for surgical procedures involving the stomach and duodenum. In *Stomach & duodenum* (Eusterman, G. B. et al.) *Publ.*, 1936, 242-57.—**Macdonald, I.** Intravenous somnifene anaesthesia in gastro-intestinal surgery. *Brit. M. J.*, 1926, 2: 301.—**Rastouli.** Soins pré- et post-opératoires; choix de l'anesthésie en chirurgie gastro-intestinale. *P. verb. Congr. fr. chir.*, 1924, 33: 713-8.—**Sise, L. F.** Anesthesia for gastro-intestinal surgery. *Surg. Clin. N. America*, 1937, 17: 653-66.

Surgery: Complications, and sequelae.

Abdulla, M. Complications due to round worms in gastro-intestinal surgery. *Ind. M. Gaz.*, 1931, 66: 265.—**Aguilar Álvarez, J.** Accidents de la cirugía gastro-duodenal. *Analecta med.*, Méx., 1940, 1: 3-7, 8 pl.—**Balfour, D. C.** Emergency complications occurring after operations on the stomach and duodenum and their treatment. *Tr. Am. Surg. Ass.*, 1933, 51: 496-503. Also *Ann. Surg.*, 1933, 98: 882-9.—**Gray, H. K.** Pulmonary complications following operation on the stomach and duodenum. *Practitioner*, Lond., 1933, 130: 625-37.—**Crile, G.** Some postoperative emergencies in gastro-intestinal surgery. *Surg. Clin. N. America*, 1935, 15: 1007-18.—**Eberhard, H. M.** Protracted vomiting after gastric and gastro-intestinal operations. *Hahnemann. Month.*, 1939, 74: 449-59.—**Gallagher, W. J.** Acute traumatic ulcers of the small intestine; observations on the effects of application of clamps on the gastro-intestinal tract; an experimental study. *Arch. Surg.*, 1927, 15: 689-711.—**Hesse, E.** Fehler, Gefahren und unvorhergesehene Komplikationen in der Chirurgie des Magens und Zwölffingerdarms. *Erg. Chir.*, 1932, 25: 154-305. Also *Vest. khir.*, 1937, 49: 98; 51: 95.—**Lahey, F. H.** Operative mortality in gastric and duodenal cases 1932. *Rep. Lahey Clin.*, 1932, 3-8.—**Madlener, M.** Ueber Infektionsgefahr bei der operativen Eröffnung des Magens und oberen Dünndarms. *Zbl. Chir.*, 1933, 60: 4-7.—**Maier, O.** Ungewöhnliche Befunde und Komplikationen bei Magen-Darmoperationen. *Deut. Zschr. Chir.*, 1934-35, 244: 652-60.—**Metheny, D.** Nutritional deficiencies complicating surgery of the gastro-intestinal tract. *Northwest M.*, 1938, 37: 349.—**Robineau & Lévy, M.** La désassimilation azotée post-opératoire. *Arch. mal. ap. digest.*, Par., 1934, 24: 73-80.—**Shambaugh, P.** Peritonitis

as a factor in the mortality of gastro-intestinal surgery. *Ann. Surg.*, 1936, 104: 382-7. Also repr.—**Soresi, A. L.** Gefährliche verschlossene tote Räume in der Magen und Darmchirurgie (Verhütung ihrer Bildung). *Deut. Zschr. Chir.*, 1927, 202: 193-209.—**Weinbrein, M.** The radiological demonstration of lesions in the post-operative stomach and small intestine. *S. Afr. M. J.*, 1932, 6: 485-9.

Surgery: Instruments.

ROSENTHAL, E. *Verwendung des Magen- und Darmnähapparates nach Petz in der Chirurgischen Klinik, Professor Dr Kirschner, Tübingen [Tübingen] 16p. 8°. Neheim, 1935.

Arce, J. A propósito del material de sutura en cirugía gastrointestinal. *Bol. Inst. clin. quir.*, B. Air., 1926, 2: 171-6.—**Bower, J. O., Burns, J. C., & Mengle, H. A.** The superiority of very fine catgut in gastrointestinal surgery. *Am. J. Surg.*, 1940, 47: 20-32, 2 pl. Also repr.—**Brenizer, A. G.** Comparison of the method of use of the hemorrhoidal clamp for anastomoses and resections of the gastro-intestinal tract with the Kerr stitch, the Furniss, Zachary Cope-de Martelle, the Devine and the Ochsner-de Backey instruments. *South. M. & S.*, 1940, 102: 279-83.—**Cavina, G.** Il bisturi elettrico nella chirurgia gastro-intestinale. *Riforma med.*, 1931, 47: 409-14.—**Friedrich, H.** Ein neuer Magen-Darm-Nähapparat. *Zbl. Chir.*, 1934, 61: 504-6.—**Hahn, F.** Nähapparat für Magen- und Darmresektionen. *Münch. med. Wschr.*, 1911, 58: 1919.—**Koegel, J.** Klammermarken am Magen-Darm-Nähapparat nach von Petz. *Zbl. Chir.*, 1933, 60: 500.—**Le Gac & Bécart.** La pince de Donati Marelli. *Bull. Soc. mé. Paris*, 1934, 625.—**Leza, F.** Nuevo casquillo protector en la cirugía gastro-intestinal; reporte de un caso de coelectomia. *Rev. med. cir. Habana*, 1940, 45: 161-72.—**Loessl, J.** Unsere Erfahrungen mit dem von Petz'schen Magen-Darm-Nähapparat. *Zbl. Chir.*, 1927, 54: 1547-9.—**Madlener, M.** Ueber die Entbehrlichkeit der zum provisorischen Verschluss des Magen-Darmlumens verwendeten Kompressorien bei Operationen am Magen und oberen Dünndarm. *Ibid.*, 1926, 53: 194-8.—**Maier, O.** Ein einfaches Spezialinstrumentarium zur Magen-Darm-Chirurgie. *Deut. Zschr. Chir.*, 1926, 195: 95-9.—**Paschoud, H.** A propos de l'appareil agrafeur de von Petz, de celui de Neuffer-Friedrich, de l'appareil de Donati et de la technique indiquée par MM. Delore et Braine pour la fermeture du duodénum. *Mém. Acad. chir.*, Par., 1938, 64: 11.—**Pauchet, V.** Le bistouri électrique dans la chirurgie gastro-intestinale. *Clinique, Par.*, 1930, 25: 187.—**Petz, A. von.** Zur Technik der Magenresektion; ein neuer Magen-Darm-Nähapparat. *Tungchi med. Mschr.*, 1925-26, 1: 422-34.—**Ravdin, I. S.** Combined suction tip and groove director. *J. Am. M. Ass.*, 1927, 89: 284.—**Sammartino, E. S.** Portaguas tipo pinzas en cirugía gastrointestinal (para agujas curvas y rectas). *Sem. méd.*, B. Air., 1934, 41: 1323-6.—**Somervell, T. H.** A new clamp for stomach or intestine. *Lancet*, Lond., 1934, 2: 1110.—**Tomoda, M.** Ein neuer Magen-Darm-Nähapparat. *Zbl. Chir.*, 1937, 64: 1455-61.—**Ikeda, H.** Ueber den chirurgischen Gebrauch des Magen-Darmnähapparates nach Tomoda. *Ibid.*, 1938, 65: 1757-61.

Surgery: Methods.

Bachrach, W. H., & Fogelson, S. J. Choledochojunosotomy; an experimental study after resection of the duodenum and ⅔ of the stomach. *Surgery*, 1939, 6: 882-92.—**Cutler, E. C., & Zollinger, R.** Surgery of the stomach and duodenum; procedures for peptic ulcer and gastric cancer. *Surg. Gyn. Obst.*, 1938, 67: 318-32.—**Donati, M.** Sur la technique de la résection gastro-duodenale. *Bull. Soc. chir. Paris*, 1935, 27: 67-75. Also *Presse méd.*, 1935, 43: 435. Also *Techn. chir.*, Par., 1935, 27: 71-101.—**Dubourg, G.** Recherches expérimentales sur la technique des résections gastro-intestinales. *Bordeaux chir.*, 1931, 2: 119-48.—**Fieber, E. L.** Zur Frage der Jodierung bei Operationen am Magen-Darmtrakt. *Zbl. Chir.*, 1912, 39: 1161.—**Goullioud.** Résection simultanée de l'estomac et du colon transverse (5 observations). *Lyon chir.*, 1913, 9: 473-89.—**Haberer, H. von.** Meine Korrekturoperationen bei vorausgegangenen Eingriffen am Magen und Duodenum mit Ausschluss des Carcinoms. *Arch. klin. Chir.*, 1939, 196: 304-22 [Discussion] 119-23.—**Hofmann, A.** Zur Verwendung der Jodtinkturdesinfektion am eröffneten Magen- und Darmtrakt. *Zbl. Chir.*, 1912, 39: 536.—**Jorns, G.** Ueber gestielte Magen- und Darmwandverpflanzung im Tierversuch. *Ibid.*, 1939, 66: 1283.—**Kaku, T.** Erforschung über die Magendarmnähte, insbesondere über die schichtweise erfolgende muko-muköse und sero-seröse Naht; experimentelle Studien bei Hunden. *Jap. J. M. Sc.*, 1934-36, 4: Surg., 263.—**Kulenkampf, D.** Gegen die Schleimhautnaht bei Magen-Darmoperationen. *Chirurg*, 1933, 5: 670.—**Leibovici, R., & Yovanovitch, B. Y.** La gastro-colectomie transverse: indications et technique. *J. chir.*, Par., 1938, 52: 21-53.—**Mandl, F.** Ueber den Schutz von Magen-Darmnähten durch Drain und Streifen. *Deut. Zschr. Chir.*, 1929, 219: 107-18. Also *Wien. med. Wschr.*, 1929, 79: 903.—**Mornard, P.** Les indications et la technique des différents procédés de chirurgie gastro-duodenale. *Gaz. méd.*, 1927, 654-95.—**Palma, R.** Ricerche sperimentali sull'operazione di Judd. *Ann. ital. chir.*, 1934, 13: 1199-212.—**Paschoud, H.** Les raisons de l'emploi des ondes électromagnétiques en chirurgie opératoire

gastro-entérologique. Gastroenterologia, Basel, 1939, 64: 226-34.—**Pauchet, V.** Gastro-entérostomies, gastrectomies, colectomies, à l'aide de la diathermie. Bull. Acad. méd., Par., 1930, 3. ser., 103: 160-2. Also Gaz. hôp., 1930, 103: 181.—**Pisson, L. G. E. F.** Introduction à l'étude de la chirurgie gastro-intestinale; les interventions (types, généralités, suture, anastomoses, extériorisations, dérivation interne et externe, résections, conclusions pratiques) Arch. méd. pharm. mil., Par., 1927, 86: 79-145.—**Reisler, S.** A new method of gastro-intestinal suturing with the continuous reverse-crossed inner suture and the continuous oblique-right angle suture. J. Internat. Coll. Surgeons, 1939, 2: 212-8.—**Robineau, M.** Quel est le meilleur mode de suture au cours des opérations sur l'estomac et l'intestin? J. internat. chir., Brux., 1936, 1: 277-99.—**Rodman, J. S.** Gastric and duodenal surgery; adapting the operation to the patient. Pennsylvania M. J., 1934, 37: 459-64.—**Slupsky, N. E.** [Resection of the stomach and transverse large intestine in 3 stages] Vest. khir., 1933, 30: 112-7.—**Taddei, D.** Per la tecnica delle sezioni gastro-intestinali. Ann. Ital. chir., 1926, 5: 1183-200.—**Tenney, C. F., Bancroft, F. W., & Cole, L. G.** Gastric ulcer, pylorotomy, Pólya anastomosis. Surg. Clin. N. America, 1928, 8: 989-1005.—**Yates, J. L., Raine, F., & Thalheimer, W.** A dependable method for suturing stomach and intestines. Ann. Surg., 1930, 92: 410-4.—**Yiatrakos, A.** New method of suturing traumatic or operative wounds of the gastrointestinal tract. Am. J. Surg., 1934, n. ser., 23: 551-4.

— Surgery: Pre-, and postoperative management.

Carter, R. F. Pre-operative and post-operative treatment in patients with gastric and duodenal lesions. Surg. Gyn. Obst., 1927, 44: 74-83.—**Friedrich, R.** Zur Vor- und Nachbehandlung in der Magendarmchirurgie. Wien. med. Wschr., 1937, 87: 664-70.—**Gage, M.** Preoperative and postoperative use of drugs in surgery of the gastrointestinal tract. South. Surgeon, 1940, 9: 149-57.—**Gray, H. K.** The care of patients following operation on the stomach and duodenum. Surg. Clin. N. America, 1935, 15: 1171-81.—**Hautefort, L.** Etude pré-opératoire du malade en chirurgie gastro-intestinale. J. méd. fr., 1925, 14: 426-33.—**Kelling.** Diät nach Magen-Darm-Operationen. Ther. Gegenwart, 1926, 67: 302-5.—**Mason, J. B.** Jejunal feedings following operations upon the stomach and duodenum in the malnourished patient. Pennsylvania M. J., 1937-38, 41: 1083-6.—**Orr, T. G., & Haden, R. L.** Reducing the surgical risk in some gastro-intestinal conditions. J. Am. M. Ass., 1925, 85: 813.—**Papp, J., & Tepperberg, K.** Kochsalzbehandlung in der Chirurgie; bei Pylorusstenose, Magen- und im weitesten Sinne bei allen Darmoperationen. Chirurg, 1936, 8: 493-5.—**Pauchet, V.** Pre-operative and post-operative treatment in gastro-intestinal surgery. Practitioner, Lond., 1926, 117: 305-12.—**Saxl, P.** Interne Nachbehandlung nach Operationen im Bereiche des Magen-Darmtraktes. Wien. klin. Wschr., 1929, 42: 1136-8.—**Singer, G.** Interne Nachbehandlung Magen-, beziehungsweise Darmoperierter. Ibid., 1927, 77: 117; 154.—**Smith, P., & LeSage, J.** Le régime alimentaire pré- et post-opératoire en chirurgie gastro-intestinale. Union méd. Canada, 1935, 64: 1118-26.—**Walters, W., & Hartman, H. R.** Preoperative and postoperative care of patients with lesions of the stomach and of the duodenum. Arch. Surg., 1940, 40: 1063-82.—**Weir, J. F.** The preoperative and postoperative treatment of complications of gastroduodenal disease. Proc. Mayo Clin., 1927, 2: 219-21.—**Zweig, W.** Die Nachbehandlung nach Magen- und Darmoperationen. Samml. zwangl. Abh. Verdauungskr., 1925, 9: H. 4, 1-50.

— Torsion.

PINCUS, J. *Zur Klinik der partiellen chronischen gastroduodenalen Torsion infolge Periviszeritis [Basel] 8p. 24½cm. Altenburg, 1937.

Also Arch. Verdauungskr., 1937-38, 62.

Friedrich, L. [Gastro-duodenal volvulus] Orv. hetil., 1927, 71: 963.

— Tumor.

See also subheadings Cancer; Myoma; Neuroinoma; Sarcoma.

GABLER, A. *Ein Beitrag zu den gutartigen Geschwülsten des Magens und Zwölffingerdarms [München] 23p. 21cm. Kallmünz, 1938.

HECTOR, A. *Les tumeurs lymphatiques primitives et localisées du tube digestif sous-diaphragmatique. 152p. 24cm. Par., 1939.

OEHLSEN, A. *Haemangiome des Magen-Darmkanals. 32p. 22½cm. Greifsw., 1938.

Bailey, O. T. Argentaffinomas of the gastro-intestinal tract, benign and malignant. Arch. Path., Chic., 1934, 18: 843-64.—**Balfour, D. C., & McIndoe, A. H.** Unusual tumors of the gastro-intestinal tract. Surg. Clin. N. America, 1930, 10: 23-31.—**Carvaillo.** Diagnostic précoce des néoplasmes de

l'estomac et de l'intestin. J. méd. Paris, 1936, 56: 492-4.—**Comfort, M. W.** Submucous lipomas of the gastro-intestinal tract. Proc. Mayo Clin., 1930, 5: 92. Also Surg. Gyn. Obst., 1931, 52: 101-18.—**Donati, M.** L'indagine radiologica nella diagnosi dei tumori dello stomaco e del colon. Minerva med., Tor., 1928, 8: pt 2, 315-22.—**Dudley, G. S., & Miscal, L.** Inflammatory tumors of the gastro-intestinal tract. Ann. Surg., 1938, 107: 55-73.—**Feyrter, F.** Ueber eine eigenartige Geschwulstform des Nervengewebes im menschlichen Verdauungsschlauch; Beiträge zur Geschwulstlehre (nach Untersuchungen am menschlichen Magen und Darm) Virchows Arch., 1935, 295: 480-501.—**Frik, K., & Ott, P.** Tumoren des Magen-Darmtrakts, welche sich im Röntgenbild umschrieben begrenzt darstellen, und die Schwierigkeiten bei ihrer differentialdiagnostischen Bilddeutung. Fortsch. Röntgenstrahl., 1934, 49: 441-56.—**Kajiser, R.** Ueber Hämangiome des Tractus gastrointestinales. Arch. klin. Chir., 1936-37, 187: 351-88.—**Klages, F.** Beiträge zur Pathologie und Klinik der Muskelgeschwülste des Magen-Darmkanals. Ibid., 1931, 165: 202-19.—**Laning, R. H., & Loy, A. W.** A report of 4 cases of tumors of the gastro-intestinal tract. U. S. Nav. M. Bull., 1935, 33: 97-103.—**Lipschütz, B.** Ergebnisse cytologischer Untersuchungen an Geschwülsten; Untersuchungen über einige Geschwülste des Verdauungsschlauches. Zschr. Krebsforsch., 1930, 32: 288-302, pl.—**Morris, J. M.** Inflammatory tumors of the gastro-intestinal tract. Ann. Surg., 1933, 97: 889-902.—**Most.** Ueber entzündliche Tumoren des Magens und der Ileocaecalgegend. Beitr. klin. Chir., 1928, 142: 764-75.—**Pierose, P. N.** Hemangioma of the gastro-intestinal tract. J. Am. M. Ass., 1940, 115: 209-11.—**Salaris, C.** I tumori benigni dello stomaco e del duodeno; contributo clinico e anatomo-patologico. Arch. Ital. mal. app. diger., 1938, 7: 499-537.—**Sanders, C. B.** Non-specific granuloma of the gastro-intestinal tract. Texas J. M., 1936-37, 32: 230-3.—**Schmitz, F.** Zur Differentialdiagnose benigner Tumoren des Magens und Darms. Röntgenpraxis, 1930, 2: 1118-23.—**Schnitzler, J.** Chirurgie der Magen- und Darmgeschwülste. Wien. klin. Wschr., 1921, 34: 144. Also Wien. med. Wschr., 1922, 72: 1149; 1202; 1242.—**Shramek, J. M., & Russum, B. C.** Non-specific granuloma of the gastro-intestinal tract. Nebraska M. J., 1935, 20: 296-301.—**Sokolow, N. N.** Zur Kasuistik der gutartigen Geschwülste des Magendarmtraktes und seiner Mesenterien. Deut. Zschr. Chir., 1928, 210: 397-401.—**Vasilii, T., & Popa, R.** Forme gastro-intestinales des tumeurs dites plasmocytomes. C. rend. Soc. biol., 1928, 98: 646-8.—**Weir, J. F.** Tumors and granulomatous lesions of the stomach and duodenum. Med. Clin. N. America, 1939, 23: 871-85.—**Wyatt, T. E.** Argentaffine tumors of the gastro-intestinal tract; report of 3 cases: one with distant metastases. Ann. Surg., 1938, 107: 260-9.

— Ulcer.

See also Peptic ulcer.

DIETZEL, H. *Ueber den Wert des Nachweises okkultur Blutungen bei geschwürigen Prozessen im Magen-Darmkanal. 15p. 8° Lpz., 1933.

AMELINE, A., & Jonckheere, F. Les ulcères simples gastroduodéno-jéjunaux expérimentaux par dérivation des sécrétions duodéno-pancréatiques. J. chir., Par., 1930, 36: 887-914, 2 pl.—**Bleichman, J. T.** [Diagnosis of ulcers of the stomach, duodenum and chronic appendicitis with aid of provocative injections of milk] Vrach. delo, 1926, 9: 1167-9.—**Chevalier, C. H.** Le traitement chirurgical des grandes hémorragies gastroduodénales d'origine ulcéreuses. Clinique, Par., 1934, 29: 122-6.—**Desmarest.** A propos du traitement chirurgical des ulcères gastroduodénaux. Arch. mal. app. digest., Par., 1931, 21: 1215-22.—**Durán, G.** Nuestra experiencia sobre falsas úlceras y dispepsias apendiculares en el medio castrense. Siglo méd., 1933, 91: 321-7.—**Keeley, J. L.** Gastrointestinal ulceration following burns. Am. J. Surg., 1939, 45: 84-92.—**Matthews, W. B.** Production of intestinal ulcers by active gastric juice. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 960.—**Monsarrat, K. W.** The diagnosis and treatment of gastroduodenal ulceration; with an analysis of a series of 50 consecutive cases of simple affections of the stomach and duodenum submitted to operation. Liverpool Med. Chir. J., 1912, No. 62, 364-82.—**Oliani, E.** Ulteriori 200 casi di intervento per ulcera gastrica duodenale. Policlinico, 1931, 38: sez. chir., 288-91.—**Pearson, W.** Gastro-jejunal ulcer, with report of a case. Tr. R. Acad. M. Ireland, 1912, 30: 192-212.—**Rossi, B.** La cura chirurgica dell'ulcera gastro-duodenale. Osp. maggiore, Milano, 1932, 20: 5-20.—**Schweitzer, A.** Nuovi contributi alla patogenesi e alla terapia dei processi ulcerativi del tratto gastro-duodenale. Gior. clin. med., 1938, 19: 552-4.—**Tzack, A., & Arnous, J.** Conduite à tenir en présence des hémorragies gastroduodénales par ulcère. Arch. mal. app. digest., Par., 1939, 29: 769-75.

GASTROJEJUNOSTOMY.

See also Gastroenterostomy; Gastrointestinal tract, Surgery; Jejunum, Surgery; Peptic ulcer; Pylorus, Exclusion.

CARLE, P. *La gastrectomie avec implantation gastro-jéjunale dans l'ulcère gastrique; ses résultats. 57p. 8° Par., 1926.

LAZARD, F. *Les stomites: étude de certaines lésions des anastomoses gastro-jéjunales et du rôle des fils de suture dans leur pathogénie. 138p. 8° Par., 1937.

THOREL, H. C. *La jéjuno-jéjunostomie dans les gastrectomies du type Billroth II et ses dérivés. 127p. 8° Par., 1937.

Adams, A. W. Retrograde jejuno-gastric intussusception, acute and chronic. Brit. M. J., 1935, 1: 248-50.—Alessio, F. Intorno alla cosiddetta malattia della gastrodigjunostomia. Gazz. osp., 1927, 48: 100-2.—André, Occlusion d'une bouche d'implantation gastro-jéjunale; guérison par un drainage interne rendant la bouche perméable. Mém. Acad. chir., Par., 1937, 63: 454.—Barber, W. H., & Bogatko, A. Failures after gastro-jejunoanastomosis. J. M. Soc. N. Jersey, 1938, 35: 142-9.—Beatson, G. T. Carcinoma of the stomach after gastro-jejunoanastomosis. Brit. M. J., 1926, 1: 15.—Bergeret, A. A propos de la gastrectomie avec implantation gastro-jéjunale. Rev. chir., Par., 1934, 72: 82-108.—Bidart Malbrán, J. C. La gastrectomía con anastomosis término-lateral gastro-yeyunal precóica. Bol. Soc. cir. B. Aires, 1938, 22: 843-7.—Black, K. The large stoma gastro-jejunoanastomosis. Brit. M. J., 1928, 2: 440-2.—Brenizer, A. G. Duodeno-jejunoanastomosis as a substitute for gastro-enterostomy in certain cases of duodenal and gastric ulcer and apparent obstruction of the stomach. Ann. Surg., 1931, 93: 1086-94.—Darling, H. C. R. The technical defects of gastro-jejunoanastomosis. Med. J. Australia, 1926, 2: 33-9.—Debenham, R. K. Retrograde intussusception of the jejunum following gastro-jejunoanastomosis. Brit. M. J., 1935, 1: 250.—Deroque, A. La physiologie de la gastro-jéjunostomie. Gaz. hôp., 1925, 98: 1249; 1281.—Didier, R., & Bompard, H. Gastrectomie en 2 temps; gastro-jéjunostomie à éperon. Mém. Acad. chir., Par., 1938, 64: 515-31.—Diez, La gastrectomia con anastomosis término-lateral gastro-yeyunal precóica. Bol. Soc. cir. B. Aires, 1938, 22: 867.—Dónovan, La gastrectomia con anastomosis término-lateral gastro-yeyunal precóica. Ibid., 1939, 23: 24.—Duval, J. Du fonctionnement de la bouche de gastro-jéjunostomie après gastrectomie. Mém. Acad. chir., Par., 1938, 64: 1311.—Gallo, D. Píloro-gastrectomía amplia con interposición yeyunal entre duodeno y el estómago. Rev. cir. Hosp. Juárez, Méx., 1935, 7: 423-9.—Gussio, S. Su un caso di gastro-diguno-stomalgia. Arch. Soc. ital. chir., 1928, 34: 733-40.—Gutiérrez, A. Gastrectomia con anastomosis término-lateral gastro-yeyunal precóica. Bol. Soc. cir. B. Aires, 1938, 22: 895-8.—Haines, W. D. Chronic gastric ulcer; posterior short-loop gastro-jejunoanastomosis. Lancet Clin., 1914, 111: 535.—Hertz, A. F., & Fagge, C. H. Gastric ulcer; spontaneous gastro-jejunoanastomosis; perforation of gastro-jejunal ulcer; operation; recovery. Proc. R. Soc. M., Lond., 1914-15, 8: Clin. Sect., 26-8.—Hillman, O. S. Jejunoanastomosis in the treatment of massive gastric ulcer. Brit. M. J., 1933, 1: 221.—Kirschner, M. Die prophylaktische Jejunoanastomose bei Magenoperationen. Arch. klin. Chir., 1929, 157: 561-600. [Discussion] 128-30.—Lauwers, Sept cas de jéjuno-gastrostomie. Bull. Soc. nat. chir., Par., 1925, 51: 1017-23.—Luquet, G. Technique de l'anastomose gastro-jéjunale par le procédé de Polya. Paris chir., 1930, 22: 193-211.—McCaughan, J. M., & Coughlin, W. T. Posterior gastro-jejunoanastomosis, an unusual error in technique. Surg. Gyn. Obst., 1937, 65: 824-8.—MacLeod, D. Some anatomical and mechanical factors to be considered in the operation of posterior gastro-jejunoanastomosis. Lancet, Lond., 1926, 2: 490.—McNealy, R. W., & Lichtenstein, M. E. Evolution and present technique of gastro-jejunoanastomosis. Surg. Gyn. Obst., 1935, 60: 1003-15.—Gastro-jejunoanastomosis preoperative decompression. Ibid., 1936, 63: 96-8, 3 pl.—Mage, S. Stenosis of gastro-jejunal stoma caused by retention of Murphy button. Ann. Surg., 1936, 104: 476.—Mensing, E. H., & Kelley, E. H. Total suppression of acid gastric secretion and hunger contractions by means of jejunoanastomosis; experimental and clinical study. Am. J. Surg., 1933, 20: 90-101.—Moise, T. S. Gastro-jejunoanastomosis with a transverse jejunal incision; an experimental and clinical study. Tr. N. England Surg. Soc., 1929, 12: 150-61, ch. Also N. England J. M., 1929, 201: 1129-31, ch. —Gastro-jejunoanastomosis with a transverse jejunal incision following a partial gastric resection. Surg. Gyn. Obst., 1929, 49: 532-7.—Monari, U. Gastrodigjunostomia antecolica transomentale. In Scritti med. in onore di A. Foggi, Bologna, 1915, 201-10.—Orr, T. G. Technique of gastro-jejunoanastomosis using a crushing clamp. Surg. Gyn. Obst., 1939, 69: 656-8.—Parmenter, C. H. Carcinoma in a gastro-jejunal anastomosis. Med. Bull. Veterans Admin., 1935-36, 12: 321-4.—Paterson, H. J. Gastric ulcer near the lesser curvature of the stomach; gastro-jejunoanastomosis. Med. Press & Circ., Lond., 1911, 92: 200.—Gastro-jejunoanastomosis versus partial gastrectomy in the treatment of gastric ulcer. Postgrad. M. J., Lond., 1927-28, 3: 5-8.—Finsterer, H. [et al.] Discussion on the place of gastro-jejunoanastomosis in gastric and duodenal surgery. Brit. M. J., 1926, 2: 555-61.—Pellé, A. Séjour pendant quatre ans d'un bouton anastomotique dans une bouche de gastro-jéjunostomie. Mém. Acad. chir., Par., 1935, 61: 1434.—Poate, H. R. G. Failure after gastro-jejunoanastomosis. Austral. N. Zealand J. Surg., 1935, 5: 119-21.—Schmorell, H. Gastroenterostomie, ante- oder retrokoliche Einpflanzung des Jejunums in den Magen bei Billroth II? Chirurg, 1936, 8: 65 [Bemerkungen von M. Kirschner] 66.—Shanks, S. C. The complications of

posterior gastro-jejunoanastomosis. Brit. J. Radiol., 1936, 9: 559-77.—Shastry, T. S. Gastric disconnection, Eiselsberg's operation with gastro-jejunoanastomosis. J. Ind. M. Ass., 1935-36, 5: 744.—Shepherd, J. F. A few points on the technique of gastro-jejunoanastomosis. Ind. M. Gaz., 1936, 71: 470-4.—Sherren, J. Gastro-jejunoanastomosis. Lancet, Lond., 1925, 2: 1007-17.—Shklovsky, D. E. [New modification of gastro-jejunoanastomosis] Vest. khir., 1938, 56: 86-90.—Singer, H. A. Carcinoma of the gastrojejunal stoma following operation for peptic ulcer. Arch. Int. M., 1932, 49: 429-38. Also repr.—Summers, J. E. Acute complete obstruction of the duodenum following a gastro-jejunoanastomosis; cure by a gastro-enterostomy. Tr. West. Surg. Ass. (1928) 1929, 38: 529-41.—Truesdale, P. E. Gastro-jejunoanastomosis in retrospect. N. England J. M., 1937, 217: 462-9.—Wartman, W. B. Carcinoma of the gastro-jejunal stoma; report of a case with autopsy. Am. J. Cancer, 1937, 31: 467-70. Also repr.—Woolsey, J. H. The technique of gastro-jejunoanastomosis without clamps. Surg. Gyn. Obst., 1927, 45: 674-7.

GASTROMYCETES.

See Fungi.

GASTRONOMY.

See also Cooking; Diet; Taste.

BRILLAT-SAVARIN, J. A. The physiology of taste; or, Meditations on transcendental gastronomy. 326p. 8° Garden City, N. Y., 1926.

Donne ed uomini celebri in cucina; da Socrate ad Alessandro Dumas ed a Rossini. Riv. Soc. ital. igiene, 1939, 61: 28.—Pozerski de Pomjane, E. Réflexes conditionnés et gastronomie. Gaz. méd. France, 1939, 46: 69-75.

GASTROPEXY.

See also Gastropexy, Treatment; Stomach, Surgery.

GINESTET, C. DE. *Technique de la gastro-suspension par le procédé de Lambret. 106p. 8° Par., 1933.

MARENBACH, K. *Ueber das Spätresultat einer Rovsing'schen Gastropexie. 23p. 8° Bonn, 1927.

Bonaccorsi, A. Evoluzione ed esiti dei trapianti peduncolati di derma adoperati per la sospensione dello stomaco. Policlinico, 1933, 40: sez. chir., 65-85.—Buller, L. J. Gastropexie en gastropexie. Ned. tscr. genesk., 1912, 2: 1931-5.—Charbonnel, M., & Massé, L. A propos des gastropexies et gastrocolopexies. Mém. Acad. chir., Par., 1939, 65: 269-72.—Corachan, M. Modification de la technique de Lambret dans la gastropexie. Bull. Soc. nat. chir., Par., 1933, 59: 1192-4.—Duret, H. De la gastropexie. Rev. chir., Par., 1896, 16: 421-33.—Faber, K. Om gastropexie og gastropexi. Nord. tskr. ter., 1910-11, 9: 218-39.—Frölich, R. Des effets de la gastropexie sur les rétrécissements cancéreux de l'œsophage. Rev. méd. est, 1896, 28: 177-84.—Frolov, V. I. [Problem of gastropexy in gastropexy] J. teor. prakt. med., 1926, 1: 549-64.—Ginestet, C. Technique de la gastro-suspension par le procédé de Lambret. Bull. Soc. chir. Paris, 1933, 25: 120-8.—Grignani, R. Il valore del metodo di Gastropexi diretta. Arch. ital. chir., 1926, 16: 439-60.—Kraft, L. Gastropexie og gastropexi. Hospitalstidende, 1911, 5 R. 4: 1143-9; 1193.—Manon, M. Sur 7 cas de gastropexie. Bull. Soc. chir. Paris, 1929, 21: 342-8.—Morozovaya, A. I. [Gastropexy in gastropexy] In Jubil. sbornik Grekova, 1921, 25-33, pl.—Pauchet, V. Que faut-il demander à la gastropexie? Clinique, Par., 1929, 24: 366.—Pendl, F. Gastropexie. Zbl. Gyn., 1935, 59: 2799-802. Also Zbl. Chir., 1936, 63: 274.—Perman, E. P. Tvenne fall of gastropexy behandlade med gastropexi. Hygiea, Stockholm, 1913, 75: 59-67.—Repetto, E. Gastropexia alla Perthes. Fol. med., Nap., 1937, 23: 630-46.—Steffelaar, M. [Gastropexy] Ned. tscr. genesk., 1921, 65: 1515-9.—Weber, Un cas de libération de l'estomac après accidents consécutifs à une gastropexie. Bull. Soc. chir. Paris, 1933, 25: 381-4.—Zaslavsky, L. D. [Case of postoperative deformation of the stomach after gastropexy] Vest. khir., 1937, 49: 246.

GASTROPHILUS.

See also Creeping eruption; Horse, Parasites; Oestridae.

LARISCH, P. S. *Die Gastrophiliasis des Pferdes [Leipzig] 24p. 8° Bresl., 1925.

PUECH, A. P. C. *La gastrophilose équine [Alfort] 59p. 8° Par., 1927.

Baker, D. W. A study of *Gastrophilus* spp. infestations of horses in New York State. Rep. N. York State Vet. Coll., 1934-35, 102-10, 2 pl.—Blanchard, L., & Dinulescu, G. Le métabolisme glucidique chez la larve de gastrophile. C. rend. Soc. biol., 1932, 110: 340; 343.—Bozicevich, J., & Underwood,

P. C. Critical experiments with solid carbon disulphide capsules for the treatment of *Gastrophilus* spp. in the horse. *Vet. Med.*, Chic., 1932, 27: 360-4.—**Dinuiescu, G.** Description de la larve au premier stade du *Gastrophilus inermis* Brauer; la myiase gastrophilienne des joues chez le cheval. *Ann. parasit.*, Par., 1929, 7: 419-29, pl. — Sur la ponte du *Gastrophilus pecorum*. *Ibid.*, 1927-9. — Facteurs déterminant l'éclosion des œufs de *Gastrophilus intestinalis*. *Ibid.*, 1930, 8: 57-60.—**Freund, L.** Zur Morphologie der *Gastrophiluseier*. *Arch. wiss. prakt. Tierh.*, 1933, 66: 393-402.—**Geddoelst, L.** Note sur la larve du *Gastrophilus haemorrhoidalis* et description de la larve d'une nouvelle espèce africaine. *Ann. parasit.*, Par., 1923, 1: 269-75.—**Hobmaier, A., & Hobmaier, M.** Morphologie und Biologie der Larve von *Gastrophilus pecorum*. *Zbl. Bakt.*, 1. Abt., 1923, 108: 163-72, pl.—**Kondratiev, V. I.** [Two cases of gastrophilomyiasis in man] *Med. parasit.*, Moskva, 1934, 3: 349.—**Life (The)** cycle of the equine nose fly. *Vet. Med.*, Chic., 1931, 26: 190.—**Micheletti, E.** Studio morfologico di alcune larve del *Gastrophilus* in un caso di polimiasi gastrica in una zebra (*Ippogriscus chapmani* var. *Granti*) *Ann. med. nav.*, Roma, 1933, 39: pt 2, 460-71, pl.—**Moschcowitz, E.** A case of infection of the stomach of the horse with *Gastrophilus equi* (bot-fly). *Proc. N. York Path. Soc.*, 1910-11, n. ser., 10: 190.—**Patton, W. S.** Studies on the higher Diptera of medical and veterinary importance; illustrations of the terminalia of some species of *Gastrophilus*. *Ann. Trop. M. Parasit.*, Liverpool, 1937, 31: 351-9.—**Perronito, E.** Ueber die pathologische Bedeutung der Gastrulslarven im Magen der Pferde. *Fortsch. Vet. Hyg.*, 1903, 1: 40-3.—**Pillers, A. W. N., & Evans, A. M.** A new larva of *Oestrus* (*Gastrophilus*) from zebras. *Ann. Trop. M. Parasit.*, Liverpool, 1926-27, 20: 263-6, pl.—**Roy, D. N.** The physiology of digestion in larvae of *Gastrophilus equi*. *Parasitology*, Lond., 1937, 29: 150-62.—**Schroeder, H. O.** Habits of the larvae of *Gastrophilus nasalis* (L.) in the mouth of the horse. *J. Econom. Entom.*, 1940, 33: 382-4.—**Silva, O. de, jr., & Cavalcanti Proença, M.** Contribuição ao estudo da gasterofiloze e da sp. *Gastrophilus nasalis* L. 1758 no Brasil. *Rev. mil. med. vet.*, Rio, 1938, 1: 563-88, 4 pl.—**Weber, E.** Ein Beitrag zur Gastrophiliasis der Pferde. *Berl. tierärztl. Wschr.*, 1925, 41: 433.—**Wehr, E. E.** The life history of *Gastrophilus* larvae of the horse, and lesions produced by the larvae. *Cornell Vet.*, 1933, 23: 254-71.—**Wright, W. H.** Treatment for horse bots, *Gastrophilus* spp. *Vet. Med.*, Chic., 1932, 27: 4-6.

GASTROPHILUS bacillus.

See *Lactobacillus*, acidophilus.

GASTROPODA.

See also *Mollusca*; also names of families and genera as *Cerionidae*; *Cyclostoma*; *Helicidae*, &c.; also in 3. ser. *Snails*.

Andrews, E. A. The egg capsules of certain Neritidae. *J. Morph.*, 1935, 57: 31-59, 3 pl. — Spherulites as specific characters in certain gastropods. *Tr. Am. Micr. Soc.*, 1937, 56: 237-42.—**Baily, J. L., jr.** Some data on growth, longevity, and fecundity in *Lymanaea columella* Say. *Biol. gen.*, Wien, 1931, 7: 407-28.—**Boutan, L.** La cause principale de l'asymétrie des mollusques gastropodes. *Arch. zool. exp.*, Par., 1899, 3. ser., 7: 203-342. — La détorsion chez les gastropodes. *Ibid.*, 1902, 3. ser., 10: 241-63, pl.—**Calagareanu, D., & Dragoiu, J.** Sur l'épithélium respiratoire de quelques gastropodes pulmonés. *C. rend. Soc. biol.*, 1908, 65: 521-3.—**Cawston, F. G.** Environmental influence that hinder the development of Physopsis. *J. Trop. M. Hyg.*, Lond., 1928, 31: 117.—**Crozier, W. J., & Navez, A. E.** The geotopic orientation of gastropods. *J. Gen. Psychol.*, 1930, 3: 3-37.—**Enriques, P.** Studi sui leucociti ed il connettivo dei gastropodi. *Arch. ital. anat.*, 1905, 4: 153-60, pl.—**Goodrich, C.** Studies of the gastropod family Pleuroceridae. *Ocas. Pap. Univ. Michigan, Mus. Zool.*, 1935, No. 318, 1-12; 1937, No. 347, 1-12.—**Hatt, P.** Spores de Porospora (Nematopsis) chez les gastropodes. *C. rend. Soc. biol.*, 1927, 96: 90.—**Heath, H.** A new genus of parasitic gastropods. *Biol. Bull.*, 1910, 18: 99-108, pl.—**Hirsch, G. C.** Die Ernährungsbiologie fleischfressender Gastropoden (*Murex*, *Natica*, *Pterotrachea*, *Pleurobranchaca* [*Tritonium*] makroskopischer Bau, Nahrung, Nahrungsaufnahme, Verdauung, Secretion. *Zool. Jahrb.*, Abt. allg. Zool., 1914-15, 35: 357-504.—**Houssay, F.** Recherche sur l'opercule et les glandes du pied des gastropodes. *Arch. zool. exp.*, Par., 1884, 2. ser., 2: 171-288, 8 pl.—**Hurst, C. T.** Structural and functional changes produced in the gastropod mollusk, *Physa occidentalis*, in the case of parasitism by the larvae of *Echinostoma revolutum*. *Univ. California Pub.*, 1927, 29: *Zool.*, 321-404, 3 pl.—**Jourdain, S.** Bruit particulier produit par les gastropodes pulmonés. *C. rend. Soc. biol.*, 1901, 11. ser., 3: 406.—**Krull, H.** Anatomische Untersuchungen an einheimischen Prosobranchien und Beiträge zur Phylogenie der Gastropoden. *Zool. Jahrb.*, Abt. Anat., 1935, 60: 399-464.—**Kutchka, G. M.** A monographic study of the genera *Anguispira* and *Discus* (*Mollusca*; *Gastropoda*) of the family Endodontidae of North America exclusive of Mexico. *Abstr. Theses Univ. Pittsburgh*, 1937, 13: 360.—**Lacaze-Duthiers, H. de.** Les ganglions dits palléaux et le stomate-gastrique de quelques gastropodes. *Arch. zool. exp.*, Par., 1898, 3. ser., 6: 331-69.—**Lams, H.** Note sur la biologie sexuelle d'un gastropode pulmoné (*Arian*

empiricorum) *C. rend. Soc. biol.*, 1907, 62: 255-7.—**Linville, H. R.** Maturation and fertilization in pulmonate gastropods. *Bull. Mus. Comp. Zool. Harvard*, 1900, 35: 211-48, 4 pl.—**Mueller, J. F.** A new harmostome adolestaria from *Campeloma decimum* Say. *J. Parasit.*, Urbana, 1935, 21: 99-102, pl.—**Negodi, G.** Sull'accrescimento delle conchiglie di gastropodi. *Riv. biol.*, 1937, 23: 177-210.—**Pelseneer, P.** Etudes sur des gastropodes pulmonés. *Mém. Acad. sc. Belgique*, 1901, 54: fasc. 3, 1-76, 14 pl.—**Rabaud, E.** La fixation des pagures dans les coquilles de gastropodes. *C. rend. Soc. biol.*, 1936, 122: 152-4.—**Raffo, L. F.** Azione di alcune condizioni fisiche sulla funzionalità cardiaca dei gastropodi. *Pathologica*, Genova, 1929, 21: 225-36.—**Raffy, A., & Fischer, P. H.** Survie et respiration de succinées immergées. *C. rend. Soc. biol.*, 1934, 115: 949.—**Schreiber, G.** Enzimi respiratori e pigmenti nel sistema nervoso dei gastropodi. *Arch. zool. ital.*, 1929, 13: 453-68, pl.—**Schwet, J., & Darvelde, E.** Sur les mollusques gastropodes d'eau douce trouvés dans plusieurs localités du Bas-Congo et du Kwango. *Ann. Soc. belge méd. trop.*, 1937, 17: 565-76.—**Serres, M. de.** Note sur la nature de l'humeur à l'aide de laquelle certains mollusques gastropodes altèrent leurs coquilles pendant qu'ils les habitent. *Mém. Acad. sc. Montpellier*, 1857, 3. sect. sc., 425-8, pl.—**Simroth, H.** Ueber Gebiete kontinuierlichen Lebens und über die Entstehung der Gastropoden. *Biol. Zbl.*, 1902, 22: 239; 262. — Ueber Ostracolethe und einige Folgerungen für das System der Gastropoden. *Zschr. wiss. Zool.*, 1904, 76: 612-72, pl.—**Stephan, P.** Le développement des spermies eupyrènes de *Cerithium vulgatum*. *C. rend. Ass. anat.*, Nancy, 1903, 5: 6-10.—**Tuzet, O.** L'idiozome et les centrosomes dans la lignée mâle typique de *Cerithium vulgatum* Brug. *C. rend. Soc. biol.*, 1929, 101: 411-3.—**Vayssière, A.** Sur les gastropodes nudibranches et sur les marséniades de l'expédition antarctique du Dr Charcot. *C. rend. Acad. sc.*, 1906, 42: 718.—**Wagner, R.** Einige Worte zu Carus Aufsatz über die Geschlechtsorgane der Gastropoden. *Arch. Anat. Physiol. wiss. Med.*, Berl., 1836, 45: 64.—**Yonge, C. M.** The biology of certain prosobranch Gastropoda (*Aporrhais* and *Pterocera*) *Rep. Brit. Ass. Advance. Sc.*, 1937, 107: 366. — On the mantle cavity and its contained organs in the Loricata (*Placophora*) *Q. J. Micr. Sc.*, Lond., 1938-39, 81: 367-90.—**Zimmermann, S.** Ueber die Verbreitung und die Formen des Genus *Orcula* Held in den Ostalpen. *Arch. Naturgesch.*, 1932, n. F., 1: 1-56, 2 pl.—**Zirpolo, G.** Caso di atrofia del cieco epatico dorso-cefalico in una *Phyllirhoë bucephala* Peron et Leseur. *Boll. Soc. natur. Napoli* (1923) 1924, 2. ser., 15: *Com. ver.*, 7.

GASTROPTOSIS.

See also *Gastroenteroptosis*; *Visceroptosis*.

BERNSTEIN, I. M. *Rôle de l'insuffisance hépatique et de la tuberculose dans la ptose gastrique. 51p. 24cm. *Par.*, 1938.

COLBERT DE BEAULIEU, J. B. *Contribution à l'étude des faux syndromes de ptose gastrique et des ptoses compliquées. 68p. 8° *Par.*, 1930.

GANNAT, G. *La clino-digestion dans les ptoses. 52p. 8° *Par.*, 1926.

GAZAGNAIRE, J. *Contribution au diagnostic et au traitement des ptoses gastriques. 96p. 8° *Par.*, 1911.

OPIN, M. *Contribution à l'étude de la ptose gastrique et de sa pathogénie. 110p. 8° *Par.*, 1935.

SOHN, H. *Gastroptose. 29p. 8° *Marb.*, 1935.

STIER, J. *Ein Beitrag zur Gastroptosenfrage. 25p. 8° *Würzb.*, 1928.

ZIMMERN, F. *Die Bedeutung der Gastroptose. 29p. 8° *Kiel*, 1910.

Abrams, A. A case of gastroptosis and mercysimus, with voluntary dislocation of the stomach and kidney. *Med. News, Phila.*, 1895, 66: 405.—**Azmy-Bey, S.** Gastroptosis in Egypt. *C. rend. Congr. internat. méd. trop.*, 1929, 1. Congr., 2: 311-23.—**Benedict, A. L.** Gastroptosis and atonic gastric dilation. *Am. J. Clin. M.*, 1912, 19: 800-6.—**Boix Ripollés, E.** Contribución al estudio de la ptosis gástrica. *Rev. méd. Barcelona*, 1934, 21: 297-344.—**Boudet.** Présentation de schémas radioscopiques dans des cas de ptose de l'estomac. *Montpellier méd.*, 1912, 34: 631.—**Brown, T. R.** The gastric contents in gastroptosis. *N. York M. J.*, 1911, 94: 571. Also repr.—**Clark, O.** Gastroptose. *Brasil med.*, 1919, 33: 77-9.—**Coffey, R. C.** Gastric stasis with midline ptosis. *Med. Sentinel*, 1927, 35: 375.—**Daignault, O.** Gastroptosis and ptosis of the transverse colon. *J. Lancet*, 1918, n. ser., 38: 75.—**Dumont.** Maigre et ptose d'estomac. *Monde méd.*, 1922, 32: 296.—**Eggers, H.** Ueber die Häufigkeit der Magensenkung in Mexiko und ihre Ursachen (zugleich ein Beitrag zur vergleichenden Krankheitsforschung) *Krankheitsforschung*, 1925-26, 2: 411-47.—**Faroy, Deron [et al.] La ptose gastrique dans ses rapports avec l'hyperchlorhydrie et l'ulcère de l'estomac. *Paris méd.*, 1927, 63: 327-39.—**Fasano, M.** Della gastroptosi con speciale riguardo alla concomitante epatoptosi. *Arch.***

ital. chir., 1927, 17: 258-68.—**Friedrich, L.** [Gastroptosis] Gyógyászati, 1933, 73: 37-40.—**Gaehlinger, H.** L'acrophagie des ptosés. Bruxelles méd., 1935-36, 16: 1273-7.—**Garin, C., & Bernay, P.** La ptose gastrique vraie. J. méd. Lyon, 1936, 17: 549-52.—**Giraud, M.** Un cas de ptose gastrique vraie. Lyon méd., 1934, 154: 355-7, pl.—**Giordano, D.** Di una paziente affetta da gastroptosi, nella quale si trovò anche una lacuna nell'epiploon gastrocolico. Riforma med., 1926, 42: 217.—**Giuliani, G. M.** Ptosì gastrica. Clinica, Bologna, 1936, 2: 799-810.—**Gleize-Rambal, L.** Notes expérimentales sur la gastroptose. Bull. Soc. radiol. méd. France, 1937, 25: 66-70.—**Grimes, E.** Tender pylorus with ptosis. J. Iowa M. Soc., 1915, 5: 400-5.—**Guillaune, A. C.** Physiopathologie de la ptose gastrique et des manifestations cliniques qui l'accompagnent. Gaz. hôp., 1936, 109: 1029; 1061; 1093.—**Hadley, F. A.** Gastroptosis. Australas. M. Gaz., 1913, 33: 565-8.—**Hurst, A. F.** On so-called gastric hypertonus and gastroptosis, and atonic dilatation of the stomach. Guy's Hosp. Rep., Lond., 1927, 77: 22-32.—**Jutras, A., Cantero, A., & Fauteux, M.** Statique duodénale et gastroptose. Union méd. Canada, 1935, 64: 1045-54.—**Kindt, E.** [Gastroptosis in men] Ugeskr. læger, 1927, 89: 549-52.—**Luna, C. de.** Le syndrome duodénal dans la ptose gastrique. Marseille méd., 1926, 63: 1261-71.—**Mandler, V.** Bemerkung zur Gastroptosefrage. Arch. klin. Chir., 1928, 153: 139-44.—**Martini, T.** Gastroptosis de origen estáfico. Sem. méd., B. Air., 1924, 31: 33.—**Comas, J.** Gastro-entérologie pratique; dolichogastrie et gastroptose (leurs différences cliniques et radiologiques) Bull. méd., Par., 1927, 41: 901.—**Merlo Gómez, J. F.** Ptosìs gástrica y cintura neumática hipogástrica de Enríquez. Sem. méd., B. Air., 1915, 22: pt 2, 215-20.—**Monteiro, J.** Um caso de ptose do estomago. Brasil med., 1920, 34: 290.—**Napalkov, P. N.** [Pathogenesis of gastroptosis] Vest. khir., 1927, No. 26-27, 192-204.—**Orator, V.** Beitrag zur Gastroptosefrage. Arch. klin. Chir., 1926, 139: 539-46.—**Osley, J. W.** Gastroptosis. J. Missouri M. Ass., 1910-11, 7: 305-10.—**Pauchet, V., & Le Gac, P.** Ptose gastrique et stase duodénale. In Prat. chir. illustrée (Pauchet, V.) 3. éd., Par., 1936, 20: 153-65.—**Pitts, T. A.** Some observations in gastric ptosis. South. M. & S., 1935, 97: 441-4.—**Ramond, F., Chene, P., & Dany, H.** Les symptômes de la ptose gastrique. Nutrition, Par., 1933, 3: 425-34.—**Ruhmann, W.** Zur Entstehung der Gastroptose (Neuromuskuläre Gesichtspunkte) Fortsch. Röntgenstrahl., 1926-27, 35: 743-9.—**Spicer, R. H. S.** Gastroptosis. Brit. M. J., 1910, 1: 1202.—**Stiven, H.** Gastroptosis. J. Internat. chir., Brux., 1937, 2: 59-67. Also Brit. J. Surg., 1937-38, 25: 395-402.—**Sutter, E.** Die Magenstauung. Münch. med. Wschr., 1935, 82: 1236.—**Svetuchin, M. T., & Chesnokov, S. S.** [Symptom of pain in gastroptosis] Vrach. delo, 1927, 10: 169.—**Timbal, L.** Les troubles de l'évacuation dans les ptoses gastriques; atonies simples et syndromes duodénaux. Paris méd., 1929, 71: 133-8.—**Vándorfy, J.** Klinische Beobachtungen über die einfache Magenptose. Arch. Verdauungskr., 1931, 50: 60-70.—**Ueber die Aziditätsverhältnisse des Magens bei der einfachen Magenptose. Ibid., 1932, 52: 405-14.—Vignoli, J.** La ptosis gástrica y su repercusión duodenal; la gastroduodenoptosis. Dña méd., B. Air., 1932-33, 5: 473-6.—**Viviani, R.** Gastroptosis. Gior. med. prat., 1931, 13: 257; 300.—**Wightman, A.** A case of gastroptosis with chronic pancreatitis simulating carcinoma of the stomach. West. M. Rev., 1914, 19: 32.—**Zaaijer, J. H.** Maagptosis. Ned. tscr. geneesk., 1916, 1: 723-5.—**Zwerg, H. G.** Zur Gastroptosefrage. Deut. Zschr. Chir., 1928, 210: 422-8.

Treatment.

See also **Gastropexy; Stomach, Surgery.**

BEHRENS, K. M. *Beitrag zur Frage der Gastroptose mit besonderer Berücksichtigung der chirurgischen Therapie. 92p. 8°. Bonn, 1916.

BÜHLMANN, R. *Gastroptose und ihre erfolgreiche Behandlung durch vordere Magenraffung nach Pust. 44p. 8°. Zür., 1934.

DANKE, F. *Chirurgische Erfahrungen bei Gastroptose [Breslau] 41p. 8°. Ohlau, 1933.

FANG, T. C. *Beitrag zum Wesen und der operativen Behandlung der sogenannten Gastroptose an der Hand von Beobachtungen der Chirurgischen Klinik München. 20p. 8°. Münch., 1926.

GUSSANDER, G. *Om gastroptos och dess operativa behandling. 224p. 8°. Lund, 1911.

OLLENSTEIN, R. *Die operative Behandlung der Gastroptose und deren Erfolge [Freiburg i. B.] p.611-26. 8°. Berl., 1930.

Also Arch. klin. Chir., Berl., 1930, 158:

RÖHRIG, E. [geb. MENN] *Die chirurgische Behandlung der Gastroptose mit besonderer Berücksichtigung der Magenauflistung am Ligamentum teres hepatis [Marburg] 43p. 8°. Kirchhain, 1930.

ROUSSEL, M. *Contribution à l'étude du traitement chirurgical des ptoses gastriques par la plicature du petit épiploon. 30p. 8°. Par., 1923.

Adreani, P. Contributo clinico alla conoscenza del trattamento della gastro-ptosi secondo la tecnica di Losio; creazione di un diaframma di sostegno mediante il mesocolon trasversa. Riv. san. sicil., 1932, 20: 390-6.—**Azmy-Bey, S.** Insulin therapy as a fattening agent with special reference to its application in gastroptosis. C. rend. Congr. internat. méd. trop., 1929, 1. Congr., 1: 325-41.—**Basset & Ameline, M.** Traitement chirurgical de la ptose gastrique. Mém. Acad. chir., Par., 1938, 64: 1248-50.—**Bertone, C.** Sulla cura chirurgica della gastroptosi. Riforma med., 1937, 53: 921-3.—**Beyea, H. D.** The surgical treatment of gastroptosis. Am. J. Gastroenter., 1911, 1: 1-8.—**Also Pennsylvania M. J., 1913-14, 17: 527-33; 542-5.—Borgbjærg, A., & Fischer, J. F.** [The influence of the belt on gastroptosis] Ugeskr. læger, 1912, 74: 527-46, 3 pl.—**Braitzev, V. R.** [Surgical treatment of gastroptosis] Vest. khir., 1926, 8: No. 23, 60-73.—**Cain, A.** Le traitement chirurgical des ptoses gastriques. Rev. crit. path. théor., 1930, 1: 543-8.—**Charbonnel & Massé.** Ptose gastrique grave; résultat de 17 mois d'une opération de Lambret. Bordeaux chir., 1934, 5: 45-7.—**D'Amato, H. J.** Tratamiento de la ptosis gástrica. Sem. méd., B. Air., 1936, 43: 1445-8.—**Deryuzhinski, S. F.** [Problems of surgical treatment of ptosis and dilatation of the stomach] Khirurgia, Moskva, 1912, 31: 333-51.—**Douthwaite, A. H.** The treatment of gastroptosis and visceroptosis. Med. Press & Circ., Lond., 1934, 138: 550-2.—**Eve, F.** The surgical treatment of gastroptosis. Tr. M. Soc. London (1909) 1913, 33: 252-63.—**Feischer, F.** Einiges über die Gastroptose und ihre Behandlung. Reichs Med. Anz., 1910, 35: 300; 309.—**Freund, L.** Zur Bandagenbehandlung der Gastroptose. Wien. klin. Wschr., 1911, 24: 803.—**Göbell, R.** Die Ergebnisse der chirurgischen Behandlung der Gastroptose. Arch. klin. Chir., 1927, 144: 266-81.—**Zur Operation der Gastroptose. Zbl. Chir., 1927, 54: 1546.—González Galván, J. M.** Ideas fundamentales sobre la corrección ortopédica de las ptosis gástricas. Arch. med., Madr., 1934, 37: 825-7.—**Gutiérrez, A.** Tratamiento del estómago descendido: técnica personal de gastrosuspensión. Dña méd., B. Air., 1938, 10: 772-5.—**Also Rev. cir., B. Air., 1939, 18: 20-30.—Hadley, F. A.** A new operation for the cure of gastroptosis. J. Coll. Surgeons Australasia, 1928, 1: 236.—**Hartmann, H.** Traitement de la ptose gastrique. Mém. Acad. chir., Par., 1939, 65: 130-2.—**Ishii, Y.** Ueber dauernde Erfolge nach Balfour's oder Pólya's Gastrektomie, vorgenommen in 21 Fällen von Gastroptose. Taiwan igakkai zasshi, 1930, 88.—**Jentzer, A.** La ptose gastrique et son traitement chirurgical. Rev. méd. Suisse rom., 1932, 52: 335-46.—**Kaufmann, W.** Der schlaffe Magen; Stützbehandlung. Mitt. Grenzgeb. Med. Chir., 1938, 45: 18-25.—**Knipfer, A.** Studio radiologico del metodo di gastrosuspensione (Dunet) nella gastroptosis. Gazz. internaz. med. chir., 1930, 38: 511.—**Lambert, O.** Traitement chirurgical de la ptose gastrique par suspension et coulisage de la grande courbure. Presse méd., 1929, 37: 1613-6.—**Also Arch. mal. app. digest., Par., 1931, 21: 529-45.—**Traitement chirurgical de la ptose gastrique; remarques sur une série de 125 cas de gastrosuspension. Ibid., 1933, 23: 859-78.—**Also Echo méd. nord, 1933, 37: 397-405.—**Traitement de la ptose gastrique. Mém. Acad. chir., Par., 1939, 65: 68-79.—**L'opération de suspension avec coulisage de la grande courbure de l'estomac, dans le traitement de la ptose gastrique (technique et résultats) In Livre jub. (Hartmann, H.) Par., 1932, 365-77.—****Bizard, G.** Traitement chirurgical de la ptose gastrique par la suspension et le coulisage de la grande courbure (technique et résultats) Arch. fr. belg. chir., 1929-30, 32: 269-81, 2 pl.—**Also Paris chir., 1930, 22: 33-43.—Leiva Daza, M.** Sur l'orthopédie gastrique. Sem. méd., B. Air., 1934, 41: pt 2, 628-33.—**Libert, E.** Considérations sur les ptoses gastrocoliques et leur traitement. J. méd. chir., Par., 1935, 106: 30-6.—**Losio, L.** Creazione di un diaframma di sostegno allo stomaco ptosico mediante il mesocolon trasverso. Arch. ital. chir., 1927, 17: 61-72.—**Also La correzione dello stomaco ptosico con il processo Losio. Ibid., 1929, 24: 213-20.—**Ptosì gastrica e terapia chirurgica. Arch. pat. Bologna, 1931-32, 11: 600-7.—**Mahé, R.** Présentation d'une nouvelle ceinture basée sur le principe de la pression oblique pour le traitement de la ptose gastrique. Bull. méd., Par., 1937, 51: 841-51.—**Martin, B.** Zur Behandlung der Gastroptose durch Resektion. Zbl. Chir., 1927, 54: 2003-14.—**Resultate der Behandlung der Gastroptose durch Querresektion. Ibid., 1929, 56: 1794-9.—Merlo, G.** Ptosì gastrica e trattamento medico-chirurgico. Policlinico, 1936, 43: sez. chir., 315-28.—**Orth, O.** Zur Operation der Gastroptose. Zbl. Chir., 1926, 53: 84.—**Pribram, B. O.** Die operative Behandlung der Gastroptose und, prinzipielle Bemerkungen zur Ptosentage. Ibid., 1933, 60: 734-42.—**Also Sovet. khir., 1933, 4: 218-27.—****Quemada Blanco, J.** Gastroptosis: su tratamiento. Inform. méd., Valladolid, 1927, 4: 5; 19; 41.—**Ramentol, J. M., & Corachán, M.** Resultados obtenidos en el tratamiento quirúrgico de la gastroptosis. Rev. cir. Barcelona, 1935, 9: 240-52.—**Ramond, F., & Jacquelin, C.** Le traitement de la gastroptose et de la ptose abdominale. Nutrition, Par., 1933, 3: 485-9.—**Razemon, P., Bizard, G., & Vandendorp, F.** Traitement chirurgical de la ptose gastrique. Echo méd. nord, 1935, 3. ser., 3: 141-7, pl.—**Rodescu, L.** La gastroptose et son

traitement aux eaux minérales de Slanicul-Moldovei. *Gaz. hôp.*, 1934, 107: 1738-40.—**Rubow, V.** Nogle bemærkninger i anledning af striden om gastropose behandlingen. *Nord. tskr. ter.*, 1910, 11, 9: 239-43.—**Schloessmann, H., & Rührig, E.** Nachuntersuchungen nach Magenlenkungsoperationen mit Magenauflagerung am Lig. teres hepatis. *Beitr. klin. Chir.*, 1926, 136: 9-37.—**Schneider, E.** Warum versagen die Gastroposeoperationen? *Arch. klin. Chir.*, 1926, 139: 767-76.—**Serra, G.** La ptosi gastrica e la sua cura chirurgica coi metodi di Perthes-Vogel e Coffey-Beyea. *Arch. ital. chir.*, 1935, 39: 141-75.—**Skliarov, I. P.** [New method of lifting a prolapsed stomach] *Vest. khir.*, 1931, 24: 45-8.—**Soper, H. W.** The treatment of gastroposis. *J. Missouri M. Ass.*, 1911-12, 8: 284. Also *Weck. Bull. S. Louis M. Soc.*, 1912, 6: 50 [Discussion] 62.—**Spehl, G.** Operation de Perthes pour ptose gastrique. *J. chir., Brux.*, 1926, 25: 2-5.—**Stemmler, W.** Die operative Behandlung der Gastropose (vorläufige Mitteilung) *Zbl. Chir.*, 1926, 53: 984-7.—**Stüven, H. E. S.** Gastroposis operated upon by the Lambert method. *J. Egypt. M. Ass.*, 1934, 17: 535-40, pl. A post-mortem specimen of a case dying from acute nephritis and heart failure one year after a Lambert suspension operation for gastroposis. *Ibid.*, 1937, 20: 606-11.—**Tiery, A.** [d'après **Schneider, E.**] Traitement de la gastropose. *J. méd. Paris*, 1926, 45: 670.—**Urutia, L.** Sobre el tratamiento quirúrgico de la gastroposis. *Rev. clín. Madrid*, 1914, 12: 390-4.—**Vogel, Ueber** Operation der Gastropose unter Verwendung des Lig. teres hepatis. *Zbl. Chir.*, 1920, 47: 1101.—**Wedensky, K. K.** [Surgical treatment of gastroposis] *Vest. khir.*, 1926, 5: No. 14, 91-100.

GASTROSCHISIS.

See also **Abdomen, Abnormities; Abdominal wall, Abnormities.**

Caffier, P. Konservative Gastroschisisbehandlung. *Zbl. Gyn.*, 1929, 53: 2087-93.—**Greenwald, H. M., & Kaufman, J.** Congenital nonrotation of the stomach with eventration. *Am. J. Dis. Child.*, 1928, 35: 641-52.

GASTROSCOPE.

See also **Endoscopy; Gastroscopy.**

RACHET, J. *La gastroscope; étude clinique et expérimentale. 117p. 8° Par., 1926.

Bach, E. [The flexible gastroscope of Wolf-Schindler] *Orv. hetil.*, 1936, 80: 85.—**Becker, K. P.** Ein Tisch zur besseren Lagerung bei der Magenspiegelung. *Deut. med. Wschr.*, 1933, 59: 414.—**Belenky, G. S.** [New method of gastroscopy with oesophagoscope] *Russ. klin.*, 1929, 11: 363; 1930, 13: 675.—**Benedict, E. B.** Examination of the stomach by means of a flexible gastroscope: a preliminary report. *N. England J. M.*, 1934, 210: 669-74.—**Borland, J. L.** Flexible tube gastroscopy: technique. *Am. J. Digest. Dis.*, 1936-37, 3: 744-7.—**Christiansen, T.** [Gastroscopic studies; Schindler-Wolf's flexible gastroscope] *Hospitalstidende*, 1938, 81: 453-62.—**Collens, W. S., & Gray, I.** A flexible gastroscope. *Am. J. M. Sc.*, 1928, 175: 831-6.—**Erdstein, F.** Ueber das flexible Gastroskop. *Mitt. Ges. inn. Med. Wien*, 1933, 32: 11-3.—**Goldsmith, A. A.** Modern gastroscopy with demonstration of the Sussman gastroscope. *Illinois M. J.*, 1914, 26: 169-71.—**Halmos, R.** [Our experiences with the new flexible gastroscope] *Bratisl. lek. listy*, 1933, 13: 345-52. Also *Med. Klin.*, Berl., 1933, 29: 1552-4. — Die Magenspiegelung mit den dünnkalibrigen Instrumenten nach Korbseh. *Ibid.*, 1937, 33: 702. — [Gastroscopy with Korbseh's apparatus] *Cas. lék. česk.*, 1937, 76: 1354-56.—**Henning, N.** Erfahrungen mit dem flexiblen Gastroskop nach Wolf-Schindler. *Münch. med. Wschr.*, 1932, 79: 1269-73. — Ueber ein neues Gastroskop (Allsichtgastroskop) *Deut. med. Wschr.*, 1939, 65: 1201.—**Heritage, K.** A flexible gastroscope. *Brit. M. J.*, 1937, 1: 77.—**Hill, W.** An improved oesophago-gastroscope, combining the methods of direct and indirect vision. *Proc. R. Soc. M., Lond.*, 1910-11, 4: Laryng. Sect., 58.—**Hübner, A.** Das optische Problem bei der Gastroskopie. *Klin. Wschr.*, 1926, 5: 1951. — Ein neues Führungsgastroskop. *Münch. med. Wschr.*, 1926, 73: 2027.—**Jackson, C. L.** Gastroscopy with the flexible gastroscope. *Tr. Am. Bronchosc. Soc.*, 1935, 18: 56-63, pl. Also repr. Also *Ann. Otol. Rhinol.*, 1935, 44: 1150-6.—**Jennings, D.** A flexible gastroscope; with magnetic control of objective. *Lancet*, Lond., 1939, 1: 1153.—**Kalpen, E.** Zur Licht- und Instrumententechnik in der Gastroskopie. *Mitt. Grenzgeb. Med. Chir.*, 1935-36, 44: 157-74.—**Kirihara, S., Nakayama, H.** [et al.] Ein japanisches verbessertes flexibles Gastroskop und Diagnose von Magenkrankheiten mittels Gastroskops und Gastrophotographie. *Nagoya J. M. Sc.*, 1937, 11: 1-17.—**Korbseh, R.** Mein Gastroskop. *Münch. med. Wschr.*, 1926, 73: 20. — Zur Lagerung bei der Gastroskopie. *Ibid.*, 1927, 74: 1052. — Gedanken zur Vervollkommnung des Magenspiegels. *Ibid.*, 2210. — Das kleinkalibrige Gastroskop. *Med. Klin.*, Berl., 1933, 29: 392. — Der neue biegsame, kleinkalibrige Magenspiegel in seiner Bedeutung für die Untersuchung von Magen und Speiseröhre. *Ibid.*, 1934, 30: 1059. — Die Magenspiegelung mit den dünnkalibrigen Instrumenten nach Korbseh. *Ibid.*, 1937, 33: 1271.—**Kramer, H. F., & Stefano, J. K.** The Schindler gastroscope; report of 3 years experience with the instrument. *Long Island M. J.*, 1929, 23: 16-22.—**Morales Noriega, L.** Sobre una nueva era de la

gastrología (el nuevo gastroscopecio de Schindler). *Arch. med. Madr.*, 1933, 36: 648-51.—**Navratil, D.** [A model of dilator-gastroscope] *Orv. hetil.*, 1910, 54: 208.—**Oberholzer, J.** Die Gastroskopie mit dem flexiblen Gastroskop nach Wolf-Schindler. *Schweiz. med. Wschr.*, 1934, 64: 380-3.—**Reis, van der.** Demonstration des optischen Prinzips eines biegsamen Gastroskops. *Med. Klin.*, Berl., 1927, 23: 534.—**Rodgers, H. W.** A device for increasing the field in gastroscopy. *Lancet*, Lond., 1936, 2: 438.—**Sandweiss, D. J., Saltzstein, H. C., & Sugarman, M. H.** The flexible gastroscope as a diagnostic aid. *J. Michigan M. Soc.*, 1939, 38: 1044-9, pl.—**Schindler, R.** Gastroscopy with a flexible gastroscope. *Am. J. Digest. Dis.*, 1935-36, 2: 656-63. Also *J. Am. M. Ass.*, 1935, 105: 352-5. — An American built gastroscope. *Am. J. Digest. Dis.*, 1940, 7: 256. — **Renshaw, J. F.** Experimental study with certain tips used on the Wolf-Schindler flexible gastroscope. *Ibid.*, 1936-37, 3: 747-51.—**Sternberg, W.** Die kystoskopische Lampenstellung im Gastroskop. *Wien. med. Wschr.*, 1926, 76: 1043. — Vakuumgastroskopie, ein neues Mittel der Endoskopie. *Deut. med. Wschr.*, 1927, 53: 656. — Taktiles Führungs-Gastroskop mit regulierbarer Krümmung. *Schweiz. med. Wschr.*, 1930, 60: 245-7.—**Taylor, H.** The position of the patient in gastroscopy; an operation table attachment. *Brit. M. J.*, 1938, 1: 892-4.—**Tucker, G.** A sheathed flexible gastroscope forceps. *Tr. Am. Bronchosc. Soc.*, 1935, 18: 15-7. — A child size esophago-gastroscope; an adult esophago-gastroscope. *Ann. Otol. Rhinol.*, 1936, 45: 1180.

GASTROSCOPY.

See also **Gastroscopy; Stomach, Photography.**

Alloway, F. L. Peroral endoscopy and gastroscopy. *J. Tennessee M. Ass.*, 1934, 27: 212-15.—**Ayala González, A.** La gastroscopia en México. *Gac. méd. México*, 1937, 67: 251-74, 3 pl.—**Bach, E.** [Gastroscopy] *Gyógyászat*, 1936, 76: 101-3.—**Barowsky, H., & McNeer, G.** Gastroscopy. *Bull. N. York M. Coll.*, 1939, 2: 162-7.—**Batty, D. M. F.** Gastroscopy. *Tr. Med. Chir. Soc. Edinburgh*, 1938-39, Sess. 118, 127-44.—**Benedict, E. B.** Gastroscopic examination. *N. England J. M.*, 1940, 222: 427-34.—**Boros, E.** Gastroscopy; past, present and future. *Am. J. Digest. Dis.*, 1935-36, 2: 280.—**Browne, D. C.** Gastroscopy. *N. Orleans M. & S. J.*, 1938-39, 91: 533-7.—**Card, W. I.** Gastroscopy. *S. Thomas Hosp. Gaz.*, Lond., 1937-38, 36: 242-6.—**Carey, J. B.** The use of the flexible gastroscope. *Minnesota M.*, 1936, 19: 652-5.—**Carnevale-Ricci, F.** La gastroscopia. *Arch. ital. otol.*, 1933, 45: 80-129, 2 pl.—**Cheval, V.** De la gastroscopie. *Prat. méd.*, Par., 1912, 26: 97-104. Also *Presse otolar. belge*, 1912, 11: 337-44.—**Curti, O. P.** Gastroscopia y gastrofotografia. *Sem. méd. B. Air.*, 1928, 35: 832-44.—**Day, J. J.** Review of gastroscopy. *Internat. Clin.*, 1939, n. ser., 2: 46-56.—**Des Rosiers, S. J.** La gastroscopie. *Union méd. Canada*, 1934, 63: 460-7.—**Dockeray, G. C.** Gastroscopy. *Practitioner*, Lond., 1938, 140: 727-39.—**Dotti, D.** La gastroscopia. *Gior. clin. med.*, 1932, 13: 1148.—**Elsner, H.** Ueber Gastroskopie. *Verh. Verein. deut. Laryng.*, 1911, 575-83. Also *Verh. Berl. med. Ges.* (1910) 1911, 41: 2. Teil, 300-15.—**Friedrich, L.** [Interesting gastroscopic cases] *Gyógyászat*, 1939, 79: 17; 38.—**Gaither, E. H., & Borland, J. L.** Gastroscopic studies. *J. Am. M. Ass.*, 1938, 110: 436-9.—**Gastroscopy.** S. Barth. *Hosp. J.*, Lond., 1935-36, 43: 122-6.—**Geier, F. A. J.** Gastroscopy. *Med. Ann. District of Columbia*, 1937, 6: 161-6. Also repr.—**Georges-Rosanoff.** Considérations sur la gastroscopie en clinique. *Gaz. méd. France*, 1936, 43: Suppl. gastro. N° 14, 21-6.—**Gülzow, M.** Tierexperimentelle Gastroskopie und Gastrophotographie. *Deut. med. Wschr.*, 1939, 65: 506. — **af Endulis, T. C.** Gastroskopische Studien an Fistelhunden. *Zschr. ges. exp. Med.*, 1938, 104: 160-6.—**Hancock, P. E. T.** Gastroscopy. *Mag. London School M. Women*, 1938-39, 2: 100-5.—**Henning, N.** Gastroskopie. *P. verb. Congr. internat. gastroentér.*, 1935, 544-6.—**Hertel, E., & Kallius, H. U.** Beiträge zur Gastroskopie des operierten Magens. *Arch. klin. Chir.*, 1928, 151: 578-94.—**Horan, J.** Gastroscopy. *Med. J. Australia*, 1937, 2: 243-8.—**Hübner, A.** Gastroskopie. *Erg. Chir.*, 1927, 20: 266-313.—**Hughes, J. H.** Gastroscopy. *Liverpool Med. Chir. J.*, 1938, 46: 69-77, 2 pl.—**Hurst, A.** Gastroscopy. In *Brit. Encycl. M. Pract.* (Rolleston, H.) 1939, Surveys, 47.—**Jackson, C., & Jackson, C. L.** Peroral gastroscopy; including examination of the supradiaphragmatic stomach. *J. Am. M. Ass.*, 1935, 104: 269-75. Also repr.—**Kerkhof, A. C.** The use of the gastroscope. *Minnesota M.*, 1936, 19: 647; 1937, 29: 666-9.—**Kirschen, M.** Gastroskopie. *Wien. klin. Wschr.*, 1936, 49: 1498-500.—**Korbseh, R.** Gastroskopische Darstellung der Magenpathologie. *Deut. med. Wschr.*, 1937, 63: 1339; 1365; 1412.—**Korns, H. M.** Gastroscopy. *J. Iowa M. Soc.*, 1939, 29: 161.—**Kramer, H. F.** Gastroscopy. *Surg. Clin. N. America*, 1927, 7: 925-9.—**McPhail, E. S.** Modern gastroscopy. *N. Zealand M. J.*, 1938, 37: 6-15, pl.—**Marschik.** Gastroskopie und Gastrophotographie. *Verh. Ver. deut. Laryng.*, 1911, 21: 406.—**Melocchi, F.** Gastrodiafania e gastroscopia. *Gazz. med. lombarda*, 1914, 73: 90.—**Mitchell, E. D., jr.** The surgeon and the gastroscope. *South. M. J.*, 1940, 33: 22-4.—**Moulouquet, A., Gutmann, R. A., & Laval, J.** La gastroscopie. *Ann. otolar.*, Par., 1932, 609-34.—**Mousseau, J. A.** Gastroscopie. *Union méd. Canada*, 1939, 68: 25-35.—**Moutier, F.** Examen endoscopique de l'estomac opéré. *Bronchosc. oesophagosc.*, Par., 1939, 3: 69-74. — **Debray, C.** La région juxta-cardiaque de l'estomac en gastroscopie. *Presse méd.*, 1938, 46: 433-

5.—**Moutier, F., & Scalfi, L.** Le acquisizioni recenti della gastroscopia. *Policlinico*, 1938, 45: sez. med., 512-32, 5 pl.—**Ortmayer, M.** Indications for gastroscopy. *Illinois M. J.*, 1937, 71: 482-4.—**Parade, G. W.** Gastrokopie. *Zbl. inn. Med.*, 1935, 56: 273-81.—**Rachet, J.** La gastroscopie. *Paris méd.*, 1927, 63: 335-7.—**Rahmenführer, C.** Gastrokopie und Röntgenuntersuchung des Magens. *Fortsch. Röntgenstrahl.*, 1924, 32: Kongr. H. J., 21-4 [Discussion] 33.—**Rodgers, H. W.** Gastroscopy. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Med., 519-26, 2 pl. Also *S. Barth. Hosp. Rep., Lond.*, 1938, 71: 317-20. Also *Postgrad. M. J., Lond.*, 1936, 12: 383-9.—**Rose, J. D.** Gastroscopy. *Newcastle M. J.*, 1937, 17: 52-66, 2 pl.—**Rosenheim, T.** Ueber Gastrokopie. *Berl. klin. Wschr.*, 1896, 33: 275; 298; 325.—**Scheiner, J., & Herfort, K.** [Endoscopic picture of the gastric mucosa and the secretion of hydrochloric acid] *Cas. lék. česk.*, 1934, 73: 1389-95.—**Schindler, R.** Ueber die zukünftige Entwicklung der Gastrokopie. *Münch. med. Wschr.*, 1928, 75: 174. — *Die gastrokopische Magenuntersuchung. Prakt. Arzt*, 1932, n. F., 17: 335-8. — *Gastroscopic observation concerned with the gross anatomy of the stomach: the musculus sphincter antri; observation of the position of the stomach; the mucosal folds.* *Am. J. Digest. Dis.*, 1936-37, 3: 149-53. — *Results of the questionnaire on fatalities in gastroscopy.* *Ibid.*, 1940, 7: 293-5.—**Schloss, J.** Gastroscopy. *Internat. Clin.*, 1936, 46: ser., 4: 1-32, 12 pl.—**Sternberg, W.** Die Grundprinzipien der modernen kystoskopischen Gastrokopie. *Deut. med. Wschr.*, 1924, 50: 46. — *Gastrokopische Analyse der Magenform.* *Anat. Anz.*, 1928, 66: 156-60.—**Stevens, W. A. S.** Gastroscopy. *Vet. Rec., Lond.*, 1936, n. ser., 16: 668.—**Taylor, H.** Gastroscopy: its history, technique, and clinical value, with report on 60 cases. *Brit. J. Surg.*, 1936, 24: 469-500.—**Torrigiani, C. A.** La gastroscopia. *Riv. clin. med.*, 1932, 33: 467-75.—**Weidlinger, I.** Gastrokopie. *Örv. beil.*, 1934, 78: mell., 195.—**Wirts, C. W., jr.** Gastroscopy in Europe. *Am. J. Digest. Dis.*, 1939, 6: 1-6.—**Yakobson, L.** [Gastroscopy] *Russ. klin.*, 1929, 12: 778-81.

— Technic.

GUTZEIT, K., & TEITGE, H. Die Gastrokopie; Lehrbuch und Atlas. 342p. 8°. Berl., 1937.
HENNING, N. Lehrbuch der Gastrokopie. 88p. 8°. Lpz., 1935.

MOUTIER, F. Traité de gastroscopie et de pathologie endoscopique de l'estomac. 347p. 8°. Par., 1935.

SCHINDLER, R. Gastroscopy; the endoscopic study of gastric pathology. 343p. 8°. Chic. [1937]

STERNBERG, W. Technik und Methodik der Sternbergschen Gastrokopie und gastrokopischen Therapie; mit dem kysto-gastrokopischen Instrumentarium nach Sternberg. 68p. 8°. Lpz., 1924.

Delort. Technique schématique de la gastroscopie. *Bronchosc. oesophagosc.*, Par., 1938, 2: 82-93.—**Edwards, H. C.** The technique of gastroscopy. *Brit. M. J.*, 1936, 1: 737-41.—**Fine Licht, E. de** [Gastroscopy and roentgen relief in roentgenography of the stomach] *Nord. med.*, 1939, 1: 472-7.—**Gagman, A.** [Improving the technic of gastroscopy] *Russ. klin.*, 1929, 12: 776.—**Güllow, M., & Afendulis, T. C.** Zur Technik der Gastrokopie. *Deut. med. Wschr.*, 1938, 64: 970.—**Moure & Couraud.** Recherches cliniques sur la gastroscopie par vision indirecte. *Bull. Acad. méd.*, Par., 1911, 3. ser., 66: 157-60.—**Schindler, R.** Gastroscopy with a flexible gastroscope. *Tr. Am. Gastroenter. Ass.*, 1935, 38: meet., 105-11.—**Sternberg, W.** Zur Methodik der Gastrokopie (neue Gesichtspunkte aus der Elementar-Mathematik) *Zschr. klin. Med.*, 1925-26, 102: 796-804.—**Symonds, C. W.** Gastroscopy: indications, contraindications, technic. *Arch. Phys. Ther.*, 1936, 17: 574-80.—**Veillon, E.** Zur gastrokopischen Technik. *Arch. klin. Chir.*, 1927, 145: 179-88.

— Value.

CONCHA PAROT, E. *La gastroscopia en clínica [Chile] 120p. 26½cm. Santiago, 1938.
COURAUD, L. D. W. *Contribución a l'étude de la gastroscopie, sa valeur clinique. 129p. 8°. Bord., 1911.

DAVID, R. *Contribución a l'étude de la gastroscopie dans la pathologie digestive. 40p. 24cm. Par., 1939.

Balfour, D. C. The place of the gastroscope in the diagnosis of lesions of the stomach and of the duodenum. *Arch. Surg.*, 1940, 41: 221-5.—**Bank, J.** Gastroscopy; indications and diagnostic value. *Southwest M.*, 1939, 23: 181-3.—**Baumel, J.** La gastroscopie en pathologie digestive. *Bronchosc. oesophagosc.*, Par., 1937, 1: 105-24.—**Benedict, E. B.** The value of gastroscopy in diagnosis. *Radiology*, 1937, 29: 480-7.

— The importance of gastroscopy in surgical diagnosis. *Am. J. Surg.*, 1938, 40: 5-11.—**Bernardes de Oliveira, A.**

Gastroscopia moderna; sua applicação como elemento no tratamento operatorio da ulcera duodenal. *Brasil med.*, 1935, 49: 179-83, pl.—**Berry, L. H.** The clinical value of gastroscopy in gastric diseases. *J. Nat. M. Ass., N. Y.*, 1939, 31: 113-5.—**Best, R. E., & Popma, A. M.** Gastroscopy in diagnosis of diseases of the stomach. *Nebraska M. J.*, 1939, 24: 86-9.—**Bianchi, G.** L'esame gastroscopico nelle malattie del sangue e degli organi ematopoietici. *Gazz. osp.*, 1939, 60: 940-52, 3 pl.—**Bogendorfer, L.** Ueber unsere gastrokopischen Erfahrungen. *Münch. med. Wschr.*, 1930, 77: 750.—**Bonadies, A.** Il valore diagnostico della gastroscopia. *Boll. Acad. med. Roma*, 1934, 60: 146-50.—**Borland, J. L.** The present status of flexible tube gastroscopy. *South. M. J.*, 1937, 30: 310-5.

— Some experiences with the flexible gastroscope. *South. Surgeon*, 1938, 7: 385-94, pl.—**Boros, E.** Gastroscopy; observations in 100 cases. *Am. J. Digest. Dis.*, 1936-37, 3: 533-5.—**Bray, R. S.** Gastroscopy and clinical medicine. *Rhode Island M. J.*, 1940, 23: 75-9.—**Browne, D. C.** Gastroscopy in surgery. *N. Orleans M. & S. J.*, 1939-40, 92: 558-64.—**Bulmer, E.** Gastroscopy; its scope and limitations. *Birmingham M. Rev.*, 1938, 13: 110-9.—**Chevallier, P., Moutier, F., & Debrey, C.** Perturbations vaso-motrices segmentaires constatées à l'endoscopie gastrique. *Arch. mal. app. digest.*, Par., 1937, 27: 1042-5.—**Cohn, A. L.** Diagnostic value of gastroscopy. *California West. M.*, 1940, 52: 161-6.—**Diagnostic gastroscopy, with especial reference to flexible gastroscopy. *Nebraska M. J.*, 1936, 21: 211.—**Eberhard, H. M., & Bower, L. L.** The importance of gastroscopy in medical and surgical practice. *Hahneman. Month.*, 1938, 73: 38-47.—**Edwards, H. C.** The value of gastroscopy. *Lancet*, Lond., 1935, 2: 1161-6.—**Elward, J. F.** A comparison of roentgen and gastroscopic findings in diseases of the stomach. *Med. Ann. District of Columbia*, 1939, 8: 269-71.—**Enneking, J.** [Clinic and gastroscopy] *Ned. tschr. geneesk.*, 1936, 80: 1876.—**Fenger, M.** Die Bedeutung der Gastrokopie bei chirurgischen Magenleiden mit besonderem Hinblick auf den resezierten Magen. *Deut. Zschr. Chir.*, 1938-39, 251: 629-40.—**Fieschi, A.** La gastroscopia come mezzo d'indagine clinica. *Gazz. osp.*, 1939, 60: 348-52, pl.—**Finkelsteins, C.** [Clinical importance of gastroscopy] *Medicina, Kaunas*, 1938, 19: 489-97.—**Flexner, J., & Fleischman, A.** Analysis of 256 gastroscopies performed at Bellevue hospital. *Am. J. Digest. Dis.*, 1940, 7: 323.—**Freeman, E. B.** Gastroscopic study compared with other methods of diagnosis in gastric lesions. *J. Am. M. Ass.*, 1939, 112: 217-23.—**Gaither, E. H.** The present status of gastroscopy. *South. M. J.*, 1938, 31: 203-9.—**Geier, F. A. J.** Gastroscopic studies. *Am. J. Digest. Dis.*, 1938-39, 5: 218-21. Also repr.—**Giere, N.** The present status of gastroscopy. *Minnesota M.*, 1938, 21: 550-3. — *Gastroscopy as a diagnostic procedure.* *Southwest M.*, 1939, 23: 299-301. — *Gastroscopy; role in private practice; review of 100 cases.* *Ibid.*, 1940, 24: 115-9.—**Godard, P., & Demole, M.** La gastroscopie; quelques résultats. *Rev. méd. Suisse rom.*, 1938, 58: 573-80.—**Graulich, R.** Quelques cas de gastroscopie en corrélation avec l'exploration opératoire. *Bruxelles méd.*, 1935-36, 16: 560-6.—**Gutzeit, K.** Die Gastrokopie im Rahmen der klinischen Magendiagnostik. *Erg. inn. Med. Kinderh.*, 1929, 35: 1-97. — *Ueber die Ergebnisse der Gastrokopie (Erfahrungen an über 1200 Gastrokonfen)* *Med. Klin. Berl.*, 1933, 29: 965; 1000.—**Hohlweg, H.** Wichtige Probleme der Gastrokopie. *Münch. med. Wschr.*, 1927, 74: 751-3.—**Hübner, A.** Der gegenwärtige Stand der Magen-spiegelung. *Deut. med. Wschr.*, 1926, 52: 1123.—**Hughes, J. H.** Gastroscopic appearances in health and disease. *Brit. J. Surg.*, 1938-39, 26: 35-45.—**Jackson, C. L.** Gastroscopy as an aid in diagnosis. *Proc. Interst. Postgrad. M. Ass. N. America*, 1938, 144-7. — *Swalm, W. A.* Gastroscopy as an aid in diagnosis. *Tr. Coll. Physicians Philadelphia*, 1936-37, 4: 54.—**Jankelson, I. R., & McClure, C. W.** Observations on the clinical status of gastroscopy. *N. England J. M.*, 1938, 219: 917-20.—**Juras, A.** Réflexions sur la gastroscopie et ses rapports avec la radiologie. *Union méd. Canada*, 1936, 65: 997-1004. Also *Clinique*, Par., 1937, 32: 57-9.—**Kirklin, B. R.** Relative merits of gastroscopic and roentgenologic examination. *Radiology*, 1937, 29: 492.—**Korbsch, R.** Neue gastrokopische Ergebnisse. *Arch. Verdauungskr.*, 1927, 41: 63; 1928, 43: 273. — *Die Lösung des Gastrokopie-Problems.* *Verh. Deut. Ges. inn. Med.*, 1930, 42. Kongr., 595-602. — *Gastrokopische Diagnostik.* *Arch. Verdauungskr.*, 1932, 52: 54-6. — *Ueber Ungefährlichkeit und Leistungsfähigkeit des Magenspiegels.* *Münch. med. Wschr.*, 1932, 79: 2119.—**Lallemant, J.** La gastroscopie au cours des lésions éphémères de la muqueuse gastrique. *Progr. méd.*, Par., 1938, 944.—**Laqua, K.** Allgemeines zur Frage der Gastrokopie. *Beitr. klin. Chir.*, 1931, 154: 237-40.—**Lerner, J., & Concha, E.** Consideraciones clinicas sobre 150 gastroscopias. *Rev. méd. Chile*, 1939, 67: 521-50, 13 pl.—**Likhtendorf, A. M.** (Gastroscopy and its clinical value) *Russ. vrach.*, 1913, 12: 1130-5.—**Lintott, G. A. M.** Some observations on the clinical value of gastroscopy. *Guy's Hosp. Rep.*, Lond., 1938, 88: 422-31, pl. — *The practical application of gastroscopy.* *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Med., 533-42.—**Loc, R. H.** Gastroscopic examinations, review of 80 cases. *Northwest M.*, 1938, 37: 139-42.—**Maggi, A.** Importancia de la endoscopia gástrica en la clínica médico-quirúrgica. *Dia méd.*, B. Air., ed. espec., 1939, 94-100.—**Mahlo, A.** Kritische zur Gastrokopie. *Klin. Wschr.*, 1937, 16: 233-5.—**Marshall, E. A.** Gastroscopy as a diagnostic aid. *Ohio M. J.*, 1938, 34: 388-94. — *The advantages of the gastroscope in the diagnosis of stomach diseases.* *J. Am. Inst. Homeop.*,**

1939, 32: 197-200.—**Mewborne, E. B., & Alexander, E. L.** The practical value of gastroscopy to the internist. *Virginia M. Month.*, 1939, 66: 209-12.—**Michon, P.** Etudes cliniques de gastroscopie. *Rapp. Congr. fr. méd.* (1925) 1926, 18. Congr., 2: 480-4.—**Moersch, H. J.** Gastroscopy in the diagnosis of gastric disease. *J. Lancet*, 1938, 58: 87-90. — & **Snell, A. M.** Gastroscopy in the diagnosis of gastric disease. *Am. J. Surg.*, 1938, 39: 521-6, pl.—**Morrison, L. M., & Swalm, W. A.** Observations on the contribution by the gastroscope to physical medicine. *Med. Rec.*, N. Y., 1938, 147: 348-51.—**Napalkov, P. N.** [Gastroscopic observations] *Vest. khir.*, 1931, 24: 119-25. Also *Deut. Zschr. Chir.*, 1932, 235: 789-94.—**Patterson, C. O., & Rouse, M. O.** The clinical use of the flexible gastroscope. *Texas J. M.*, 1938-39, 34: 746-50.—**Pohl, A. W.** The clinical value of gastroscopy. *Albany M. Ann.*, 1938, 57: 164-9.—**Renshaw, R. J. F.** Gastroscopy: its value and indications. *Cleveland Clin. Q.*, 1939, 6: 4-11.—**Rio, A. del.** El gastroscopio y la radioscopia en la exploración del estómago. *Siglo méd.*, 1935, 96: 214-20.—**Ronchetti, G. C.** La gastroscopia e la sua applicazione pratica. *Rass. ital. otorinol.*, 1939, 13: 22: 143; 175.—**Ronchetti, V.** La gastroscopia come metodo di indagine diagnostica. *Gazz. osp.*, 1939, 60: 267-74.—**Rossi, C.** Il valore della gastroscopia nella pratica medica. *Policlinico*, 1937, 44: sez. prat., 1207-9.—**Royer, M., Burr, J. B., & Montejano, B.** Importancia de la gastroscopia en el diagnóstico de las enfermedades del estómago. *Sem. méd.*, B. Air., 1937, 44: 1487-91.—**Schatzki, R.** The comparative value of gastroscopy and roentgen examination of the stomach. *Radiology*, 1937, 29: 488-91.—**Scheiner, J.** [Experiences in gastroscopy] *Bratisl. lek. listy*, 1934, 14: 228-32.—**Schindler, R.** Bericht über 120 Gastroskopien. *Deut. med. Wschr.*, 1922, 48: 310. — Progresos del diagnóstico de las enfermedades gástricas por el empleo del gastroscopio. *Rev. méd. germ. ibero-amer.*, 1934, 7: 13-9.— On the clinical value of gastroscopy. *Proc. Mayo Clin.*, 1936, 11: 747-50. — The role of gastroscopy in the recognition and identification of gastric lesions; collective review. *Surg. Gyn. Obst.*, 1938, 67: Suppl., 443-59. — The practical significance of gastroscopy. *Clin. M. & S.*, 1938, 45: 199-201. Also *Rev. Gastroenter.*, 1939, 6: 122-7. — On the importance of the gastroscope in the diagnosis of gastric diseases in the Army. *Brit. M. J.*, 1940, 1: 243-7. — & **Giere, N.** Gastric surgery and gastroscopy: differential diagnosis of benign and malignant lesions; operability of tumors as determined by gastroscopy; early diagnosis of gastric carcinoma; the postoperative stomach. *Arch. Surg.*, 1937, 35: 712-65, pl.—**Schindler, R., & Templeton, F.** A comparison of gastroscopic and roentgen findings. *Radiology*, 1937, 29: 472-9.—**Schloss, J., Ettinger, A., & Pratt, J. H.** Diagnosis of diseases of the stomach by gastroscopic and X-ray relief studies. *Am. J. M. Sc.*, 1937, 193: 171-80.—**Sternberg, W.** Die Gastroskopie im Dienste der Anatomie. *Anat. Anz.*, 1926-27, 62: 326-35.—**Swalm, W. A., & Morrison, L. M.** Thoughts on disease of the stomach as interpreted by the gastroscope. *J. M. Soc. N. Jersey*, 1939, 36: 143-7.—**Thorslakson, P. H. T.** Diagnosis of gastric lesions aided by gastroscopy. *Manitoba M. Ass. Rev.*, 1939, 19: 68-72.— & **Stewart, C. B.** Gastroscopy: its indications and value. *Canad. M. Ass. J.*, 1937, 36: 345-54.—**Thyssen, J., & Scherwin, J.** [Comparison between gastroscopic findings and Roentgen examinations of the stomachs of 143 patients] *Ugeskr. laeger*, 1939, 101: 1341-8.—**Zuntz, H.** Zur Frage der Gastroskopie. *Med. Klin.*, Berl., 1926, 22: 1144.

GASTROSTOMY.

See also **Abdominal wall, Surgery; Biliary ducts, Surgery; Esophagus, Dilatation, artificial; Esophagus, Stricture; Stomach, Surgery.**

Bañet y Pina, V., & Nobo Gelats, P. Gastrostomía. *Vida nueva, Habana*, 1936, 38: 151-66.—**Barber, W. H.** The indications for gastrostomy and jejunostomy. *Ann. Surg.*, 1935, 102: 375-81.—**Bremont, M.** A propos de la gastrostomie. *Ann. otol.*, Par., 1932, 675.—**Cisneros, R.** Gastrostomía incontinente; sencillo dispositivo de oclusión. *Bol. Soc. cir. B. Aires*, 1935, 19: 1197-201.—**Corrado, C.** La gastrostomie dans la sténose œsophagienne par tumeur maligne; gastrostomie à siphon. *Rev. laryng.*, Par., 1927, 48: 521-5.—**Dobrev, M.** Hundert Jahre Magenstiel. *Deut. med. Wschr.*, 1933, 59: 1770.—**Dreesmann, H.** Gastrostomie bei Ulcus ventriculi. *Zbl. Chir.*, 1918, 45: 629.—**Franseen, C. C.** Gastrostomy feeding. *J. Am. M. Ass.*, 1936, 106: 1373-6.—**Gernez, L.** Sur la gastrostomie permanente. *Bull. Soc. nat. chir.*, Par., 1929, 55: 1107-10.—**Guerinot, A. J.** Diet in gastrostomy. *J. Am. M. Ass.*, 1929, 13: 375.—**Henry & Morel.** A propos d'un cas de gastro-gastrostomie pour biloculation gastrique par ulcère. *Lyon méd.*, 1936, 157: 529-31.—**King, E. S. J.** Some reflections on gastrostomy. *Brit. J. Surg.*, 1936, 24: 749-65. — The complications of gastrostomy and their prevention. *Clin. Rep. Melbourne Hosp.*, 1936, 7: 82-8.—**Laplace, E.** Two cases illustrating the value of gastrostomy for the exploration of the cardiac extremity of the stomach. *Tr. Panamer. M. Congr.* (1893) 1895, 1. Congr., pt. 1, 483.—**Léo, G.** Drainage gastrique temporaire par gastrostomie dans la péritonite généralisée et l'occlusion intestinale aiguë. *P. verb. Congr. fr. chir.*, 1925, 34. Congr., 767-71.—**Maurer, L.** Die Magenschnittoperation beim Rind. *Arch. wiss. prakt. Tierh.*, 1933-34, 67: 191-223.—

Muller. Ulcère de l'estomac (portion juxta-cardiaque de la petite courbure) gastrostomie prépylorique avec sonde duodénale. *Loire méd.*, 1923, 37: 81-7.—**Pachon, Jeanneney, G., & Fabre, R.** Les règles diététiques de l'alimentation chez les gastrotomisés; application des données physiologiques sur les sécrétions psychiques; le régime physio-psychique. *Bull. Acad. méd.*, Par., 1929, 3. ser., 101: 179-82.—**Petrović, A. A.** Beobachtungen an zwei gastrotomierten Kranken. *Arch. Verdauungskr.*, 1932, 52: 297-302.—**Prud'homme, E.** Un cas de gastrostomie continente vieux de 10 ans. *J. Hôtel Dieu Montréal*, 1939, 8: 80-6.—**Puig Sureda, J.** Un fet clinic de valor experimental sobre fonament de la gastrostomia. *Tr. Soc. biol. Barcel.*, 1918, 6: 318-20, pl.—**Quain, E. P.** Prophylactic gastrostomy; a supplementary procedure in combination with certain types of abdominal operations. *Tr. West. Surg. Ass.* (1927) 1928, 37: 175-85. Also *Ann. Surg.*, 1928, 87: 395-400.—**Rocher, H. L., & Damade.** Tubage duodénal pour incontinence d'une gastrostomie ayant déterminé une ulcération phagédénique de la paroi abdominale, chez un bébé de 34 mois. *Bull. Soc. pédiat. Paris*, 1928, 26: 538-40.—**Roubier, G., & Soupault, R.** Une gastrostomie datant de 40 ans. *Mém. Acad. chir.*, Par., 1936, 62: 786.—**Salamero Castillón, F.** Gastrostomías. *Ars medica*, Barcel., 1933, 9: 10-36.—**Schürger, A.** Verlauf von Schwangerschaft und Geburt bei künstlicher Magenstiel. *Zbl. Gyn.*, 1937, 61: 513-6.—**Stahnke, E. N.** Bleibende Magenstiel. *Arch. klin. Chir.*, 1928, 152: 202. Also *Zbl. Chir.*, 1928, 55: 1609-11.—**Stokes, J., jr, Stephenson, G. W., & Garrett, T. C.** Determinations of the amounts of base, chloride, free and total acidity in the gastric contents of children on whom gastrostomy had been performed and in the gastric contents of fasting new-born infants. *Am. J. Dis. Child.*, 1929, 37: 565-72.—**Toledo Trujillo, H.** Gastrostomía por úlcera del estómago; curación. *Gac. méd. Caracas*, 1925, 32: 209.—**Toprover, G. S.** [Errors, dangers and unforeseen complications in gastrostomy by the author's method] *Vest. khir.*, 1937, 51: 102-6.—**Whitlow, A. R.** Unusual occurrence in a gastrostomy. *Lancet*, Lond., 1933, 2: 1316.—**Woolsey, J. H.** Gastrostomy. *Surg. Clin. N. America*, 1928, 8: 1541-3.

Cholecystogastrostomy.

See also **Gallbladder, Surgery.**

Braithwaite, L. R. Surgical treatment of chronic duodenal and gastric ulcer; cholecystogastrostomy as the operation of choice for inaccessible gastric ulcer. *Lancet*, Lond., 1926, 1: 900-1.—**Frenkel, A.** Ein klinisch-experimenteller Beitrag zur Cholecystogastrostomie beim Magen- und Duodenalulcus. *Arch. klin. Chir.*, 1928, 153: 407-34.—**Jansen, H.** Die Cholecystogastrostomie als Ulcusoperation. *Ibid.*, 150: 510-6.—**Kagan, M.** Ueber Cholecystogastrostomie bei Magen- und Duodenalulcus nach der Methode von Bogoraz. *Zbl. Chir.*, 1929, 56: 975-8.—**Kuzma, V.** [Cholecystogastrostomy in treatment of gastroduodenal ulcers] *Medicina*, Kaunas, 1930, 11: 570-4.—**Leclerc, G.** Angiocholite ascendante après hépato-gastrostomie; son traitement par l'opération de Mallet-Guy. *Mém. Acad. chir.*, Par., 1937, 63: 1265-9.—**Mallet-Guy, P., & van der Linden, P.** Cholecystogastrostomie et ulcère-gastrique. *J. chir.*, Par., 1935, 46: 676-94.—**Nazarov, N. N.** [Cholecystogastrostomy in ulcer of stomach and duodenum (Bogoraz method)] *Vest. khir.*, 1926, 8: No. 23, 74-84. Also *Arch. klin. Chir.*, 1926, 161: 559-65. Also *Surg. Gyn. Obst.*, 1927, 45: 474-6.—**Norioka, E.** Ueber die Magensaftacidität nach der Cholecystogastrostomie. *J. Orient. M.*, Dairen, 1927, 7: 137.

Technic.

HO-DAC-DI. *Du procédé de Witzel dans la gastrostomie. 53p. 8°. Par., 1929.

TOUPET, A. *Quelques points de technique de la gastrostomie. 31p. 24cm. Par., 1939.

Araujo, O. C. de. Lições de técnica cirúrgica da gastrostomia. *Rev. med. cir. Brasil*, 1936, 44: 63-6.—**Baehr, F. H., & Frehling, S.** The Spivack gastrostomy. *N. England J. M.*, 1938, 219: 305-9.—**Bobrik, N. I.** [In defense of gastrostomy by Toprover] *Nov. khir. arkh.*, 1936, 36: 27-30.—**Bradách, E.** Auf Grund vitaler Indikation durchgeführte Gastrostomie. Oesophagus-Erweiterung, Gastrorrhaphie. *Pest. med. chir. Presse*, 1915, 51: 87.—**Brunschwig, A.** Pezzer catheter gastrostomy. *Am. J. Surg.*, 1935, 29: 384-6.—**Buliginsky, G. N.** [Technic of gastrostomy] *Vest. khir.*, 1926, 7: No. 21, 132-4.—**Carabba, V.** Gastrostomy; a clamp method. *Am. J. Surg.*, 1935, 27: 484-6. Also repr.—**Cornejo Saravia, E.** Gastrostomia tubular. *Bol. Soc. cir. B. Aires*, 1933, 17: 868.—**Crone-Münzbrock, E.** Zur Technik der Gastrostomie. *Zbl. Chir.*, 1926, 53: 2075.—**D'Agostino, F.** Nuovo processo di gastrostomia sfinterica. *Arch. ital. chir.*, 1921, 3: 285-92.—**Dragstedt, L. R., Haymond, H. E., & Ellis, J. C.** Cannula gastrostomy and enterostomy. *Surg. Gyn. Obst.*, 1933, 56: 799-801.—**Fang, H. C.** The Janeway gastrostomy. *Chin. M. J.*, 1937, 52: 225-36.—**Freitas, J. M. de, & Arruda Macedo, F. de.** Gastrostomia; revisão de algumas técnicas. *Rev. cir. S. Paulo*, 1939-40, 5: 295-322.—**Frey, E. K.** Die cardioplastische Oesophago-Gastrostomie. *Zbl. Chir.*, 1938, 65: 2-5.—**Gernez & Ho-dac-di.** Nouvelle technique de gastrostomie. *Presse méd.*, 1930, 38: 191.—**Ginsberg, M. M.** Zur Technik der Gastrostomie. *Zbl. Chir.*, 1930, 57: 1718-21.—**Glassman, J. A.** A new aseptic double-valved tubogastrostomy. *Surg. Gyn.*

Obst., 1939, 68: 789-91.—**Goullioud**, Réintervention après une gastro-gastrostomie pour estomac biloculaire. *Lyon chir.*, 1923, 20: 785.—**Ivanishevich**, O. Gastrostomía según el procedimiento del profesor Arce. *Bol. Inst. clín. quir.*, B. Air., 1926, 2: 191-4, 13 pl.—**Jorge, J. M., & de Nicola, C. P.** Técnica personal de la gastrostomía. *Bol. Soc. cir. B. Aires*, 1938, 22: 881-91.—**Le Gac, P.** Appareil pour gastrostomie. *Bull. Soc. chir. Paris*, 1939, 31: 267-9.—**Lepeuple**, De la gastrostomie à lambeau tubulé. *Arch. méd. pharm. nav.*, Par., 1935, 125: 582-6.—**Liubishkin, I. A.** [Aluminum tube in gastrostomy] *Vest. khir.*, 1931, 23: 106.—**Lotheissen, G.** Die Magenfistel und ihre Ausführung. *Arch. klin. Chir.*, 1939, 195: 136-51.—**Lowry, N. H., & Sorenson, S.** Spivack's method of gastrostomy with a brief critical review of some of the previous methods and a report of 3 cases. *Am. J. Surg.*, 1932, 18: 521-8.—**Lubarsky, B.** Beitrag zur Technik der Gastrostomie. *Zbl. Chir.*, 1928, 55: 3151-4.—**Martin, H. E., & Watson, W. L.** The original Janeway gastrostomy. *Surg. Gyn. Obst.*, 1933, 56: 72-8.—**Nicola, C. P. de**. Técnica de la gastrostomía; procedimiento personal. *Arq. cir. clín. exp.*, S. Paulo, 1939, 3: 432-5.—**Niskevich, L. M.** [Technique of gastrostomy] *Sovet. khir.*, 1934, 6: 167-75.—**Partsch, F.** Zur Indikation und Technik der Magenfistel. *Zbl. Chir.*, 1935, 62: 1449-54.—**Pauchet, V.** Gastrostomie tubulaire continue (procédé de Depage). *Bull. Soc. chir. Paris*, 1931, 23: 158-62.—**Petrov, B. A.** [Gastrostomy according to Toprover] *Vest. khir.*, 1938, 56: 80-5.—**Pilven**. Un procédé de gastrostomie continue. *Gaz. méd. France*, 1930, No. 6, p. i-vi.—**Prévot, M.** La gastrostomie; technique nouvelle. *Presse méd.*, 1936, 44: 867.—**Protasjenia, T. P., & Timotejef, M. I.** Eine neue Methode der Magenfisteloperation beim Pferde. *Berl. tierärztl. Wschn.*, 1935, 51: 515.—**Quain, E. P.** Prophylactic gastrostomy with indications, technic and results in 44 cases. *J. Lancet*, 1930, 50: 491-8. Also *North-west M.*, 1930, 29: 346-52.—**Quick, D., & Martin, H. E.** The most common methods of gastrostomy with the report of a modified technique of the Janeway method. *Surg. Gyn. Obst.*, 1928, 46: 426-36.—**Santy, P.** La gastrostomie transylorique dans les ulcères haut situés de la petite courbure de l'estomac. *Lyon chir.*, 1937, 34: 343-52.—**Skliarov, I. P.** [Indications for gastrostomy and Tavelle's operation] *Vest. khir.*, 1933, 31: 31-4.—**Soresi, A. L.** Inframural gastrostomy. *Am. J. Surg.*, 1937, 36: 668-71.—**Spivack, J. L.** Eine neue Methode der Gastrostomie. *Beitr. klin. Chir.*, 1929, 147: 308-18.—
Utilization of the posterior wall of the stomach in valvulotubular gastrostomy in case of small and contracted stomach. *Clin. M. & S.*, 1933, 40: 212.—
Sul metodo Spivack di gastrostomia. *Rass. internaz. clin. ter.*, 1937, 18: 1045-8.—
Suetina, M. P. [Sixty-two cases of gastrostomy according to Toprover] *Vest. khir.*, 1938, 56: 75-9.—**Thorek, M.** Gastrostomia tubovalvular. *Cir. ciruján.*, Méx., 1937, 5: 267-84. Also *Illinois M. J.*, 1932, 62: 347. Also *Rass. internaz. clin. ter.*, 1936, 36: 819-34, 4 pl.—
The evolution and perfection of gastrostomy. *Arch. ital. chir.*, 1938, 54: 737-45.—
Toprover, G. Eine neue Methode der Gastrostomie. *Zbl. Chir.*, 1934, 61: 191-21.—**Vézina, C., & Roy, F.** Techniques de gastrostomie. *Laval méd.*, 1939, 4: 116-20.—**Wagner, D. H.** Spivack's gastrostomy; an analysis of 13 cases with a review of the technic. *Ann. Surg.*, 1938, 107: 1005-21.—**Watson, W. L.** Routine management of the gastrostomy patient. *N. York State J. M.*, 1933, 33: 1261-6.—**Wing, H. J.** A new method in gastrostomy. *Clin. M. & S.*, 1932, 39: 101-4.—**Zabludovsky, A. M.** [Gastrostomy according to Toprover] *Vest. khir.*, 1938, 56: 71-4.—**Zechele, G.** Eine plastische Gastrostomie. *Arch. klin. Chir.*, 1928, 151: 805-10.

GASTROTOMY.

See also **Stomach, Surgery.**

LE BOLLOCH, A. P. *La gastrostomie chez les ruminants [Alfort] 44p. 8°. Bord., 1928.

Barber, W. H. On the influence of gastric section on gastric secretion. *Proc. Soc. Exp. Biol.*, N. Y., 1925-26, 23: 557.—
Bassler, A. Indications for exploratory incision in gastric diseases. *Long Island M. J.*, 1910, 4: 160-4.—**Butt, A. P., & Cromwell, G. N.** Gastrostomy for food over-distension. *West Virginia M. J.*, 1926, 21: 393-7.—**Jones, G. A.** Laparogastrostomy in the cow. *Vet. Med. Chir.*, 1932, 27: 108.—
Koch, E. Kolongangrän als Komplikation einer Magensektion. *Zbl. Chir.*, 1932, 59: 2817-20.—**Mourek, J.** [Accessibility of esophagus in gastrostomy] *Cas. l'k. česk.*, 1925, 64: 934.—**Yositosi, T.** Experimentelle Untersuchung über die sekretorischen Verhältnisse des operierten Magens; über die Einflüsse der Cholezystogastrostomie auf die Sekretionen des Magens. *Ibid.*, 1937, 27: 13.

GASTROTRICHA.

See also **Vermes.**

Packard, C. E. Method of cultivation for the Gastrotricha. In *Cult. Meth. Invertebr.* (Galtsoff, P. S. [et al.]) Ithaca, 1937, 176.

GASTRULA.

See **Embryogeny.**

GAS war.

See **Chemical warfare.**

GATCHELL, Charles, 1850— Doctor, what shall I eat? a handbook of diet in disease. xix, 147p. 12°. Milwaukee, 1880.

— How to feed the sick; or, Diet in disease. 150p. 8°. Chic., Gross & Delbridge, 1882.

— Key notes of medical practice. 172p. 16°. Chic., Gross & Delbridge, 1884.

GATCHELL, Worth Tyndall, 1868— Vaccines and ferments. 29p. 8°. Bost., Christopher Pub. House [1932]

GATE, Jean.

See **Papacostas, Georges, & Gaté, Jean.** Les associations microbiennes [&c.] 438p. 12°. Par., 1928. Also **Nicolas, Joseph, & Gaté, Jean.** Tuberculose cutanée et tuberculides. 482p. 8°. Par., 1934.

GATEAU, Marcel Joseph, 1909— *Contribution à l'étude des occlusions intestinales du nouveau-né par malformation congénitale. 54p. 8°. Par., H. Gaignault & fils, 1935.

GATEL, Louis Auguste Marie, 1907— *Contribution à l'étude du purpura au cours de la tuberculose infantile. 66p. 8°. Par., E. Muller, 1934.

GATELLIER, Jean, 1886—

See **Duval, Pierce, & Gattelier, Jean.** Chirurgie de l'appareil urinaire et de l'appareil génital de l'homme. 7. éd. 284p. 8°. Par., 1929.

— & **MOUTIER, François.** Thérapeutique de l'ulcère gastro-duodéal. 236p. 16°. Par., G. Doin, 1935.

— & **PORCHER, P.** Oesophage, intestin, foie et glandes annexes. 389p. illust. pl. fol. Par., Masson & Cie, 1930.

Forms v.2. Radiologie clinique, &c. (P. Duval)

GATENBY, James Brontë, 1892— Biological laboratory technique; an introduction to research in embryology, cytology and histology. vii, 130p. illust. 8°. Lond., J. & A. Churchill, 1937.

Also editor of **Lee, Arthur Bolles.** Microtome's vademecum [&c.] 9. ed. x, 710p. 8°. Phila., 1928. Also 10. ed. 784p. 1937.

GATER, B. A. R. Aids to the identification of anopheline larvae in Malaya. 160p. illust. 8°. Singapore, W. T. Cherry, 1934.

— Aids to the identification of anopheline imagines in Malaya. 242p. illust. pl. 8°. Singapore, Gov. Print. Off., 1935.

— & **RAJAMONEY, P. D.** A summary of records of anopheline breeding-places in Malaya. 33p. roy. 8°. Kuala Lumpur, 1929.

Forms Bull. No. 2. Inst. M. Res. Fed. Malay States, 1929.

GATES, Arthur [Irving] 1890— Elementary psychology. Rev. ed. 2 p. l. v-xvii, 612p. illust. 8°. N. Y., Macmillan, 1929.

GATES, Frank C[aleb] 1887— Principal poisonous plants in Kansas. 67p. 8°. Topeka, 1930.

Forms No. 25. Techn. Bull. Kansas Agr. Coll. Exp. Sta.

GATES, G[ordon] E[noch] 1897— The Genus *Pheretima* in North America. p.339-73. 8°. Cambr., Mass., 1937.

Forms No. 8, v.80, Bull. Mus. Comp. Zool. Harvard.

— On some species of Chinese earthworms with special reference to specimens collected in Szechwan by Dr D. C. Graham. p.405-507. 8°. Wash., 1939.

Forms No. 3040, v.85, Proc. U. S. Nat. Mus.

GATES, Reginald Ruggles, 1882— Heredity in man. xiii, 385p. 8°. Lond., Constable & Co., 1929.

GATEV, Stefan, 1896— *Ueber Lungenverkalkung. 20p. 8°. Münch., Bayer, 1929.

GATHERCOAL, Edmund Norris, 1874—
& **WIRTH, Elmer Hauser**. Pharmacognosy. 852p. illust. 8°. Phila., Lea & Febiger, 1936.

GATHMANN, Henry, 1864—, & **SEELMAN, J. J.** Medicine vs quackery. 55p. 8°. Milwaukee, Western Pub. Co., 1901.

GATINARIA, Marco, fl. ca 1480. De curis aegritudinum particularium noni Almansoris practica. 217 l. 12°. Pavia, Jacob de Burgofranco, Nov. 17, 1509.

GATOVSKY, Emile, 1909— *Essai de traitement par l'histidine des troubles gastriques fonctionnels de la grossesse; quelques considérations sur l'histidinurie de la gestation. 75p. 24½cm. Par., Fustier, 1939.

GATTE, Roger, 1910— *Considérations sur le traitement de l'hémorragie rétro-placentaire dans ses formes graves. 70p. 8°. Par., M. Vigné, 1936.

GATTEFOSSE, R. M. Aromathérapie; les huiles essentielles; hormones végétales. 187p. 12°. Par., Girardot & cie [1933?]

GATTEGNO, Miguel S., 1900— *La carence hormonale dans les états chroniques d'adynamie et son traitement par le sérum de jeune bovidé [Paris] 52p. 8°. Etampes, Impr. Dausse, 1934.

GATTERDAM, Paul, 1880— *Tierexperimentelle Studien an Tauben über die bakterizide Wirkung des Yatrens. 29p. 8°. Lpz., A. Edelmann, 1925.

GATTERMANN, Ludwig, 1860–1920. Laboratory methods of organic chemistry; completely revised by Heinrich Wieland, transl. from the 22. German ed. by W. McCartney. xviii, 416p. 55 illust. 8°. Lond., Macmillan & Co., 1932.

— & **WIELAND, Heinrich**. Laboratory methods of organic chemistry; transl. from the 24. German ed. by W. McCartney. xvi, 435p. illust. 8°. Lond., Macmillan & Co., 1937.

GATTI, Alessandro, —1937.
Ponzo, M. Neurologia. Riv. psicol., 1938, 34: 1.—**Venturi, A., Sacerdote, A., & Marzi, A.** Necrologia. Arch. ital. psicol. gen. lavoro, 1938, 16: p. iv–viii, portr.

GATTI, Gerolamo.
Baccarini, L. Biography. Arch. ital. chir., 1937, 46: 344–58.

GATTI, Giacinto. La fisiopatologia del timo. 3 p. l. lxiii, 229p. 5 pl. 8°. Nap., N. Jovene & cie, 1917.

GATTIG, Joachim, 1907— *Herzmasse bei Fettleibigen [Halle] 15p. 8°. Dresd., Risse-Verl., 1935.

GATTINE.

See under *Bombyx*.

GATTINGER, August. The medicinal plants of Tennessee, exhibiting their commercial value. xxxi, 128p. 22cm. Nashville, Tenn., Dep. Agr. of Tennessee, 1894.

GATTWINKEL, Walter, 1907— *Die Behandlung der Wirbelverletzungen [Kiel] 31p. 8°. Bethel-Bielefeld, 1934.

GATZEK, Eva [Marie Helene] 1909— *Psychiatrisch-neurologische Probleme bei Turmschädel. 31p. 8°. Bresl., P. Plischke, 1938.

GATZEK, Wilhelm, 1901— *Ueber den Verlauf der exsudativen Pleuritis im Säuglings- und Kindesalter [Breslau] 26p. 8°. Ohlau, H. Eschenhagen, 1929.

GATZERT, Carl, 1907— *Es soll die Pilzflora an der pilzgesunden Haut des Menschen festgestellt und untersucht werden, ob als Saprophyten bekannte Pilze unter gewissen Bedingungen pathogen werden können. 20p. 8°. Marb., J. Hamel, 1934.

GATZKA, Herbert [Johannes Paul] 1909— *Ueber sogenannte solitäre Myelome [Breslau] 11p. 8°. Dresd., Menzel, 1936.

GATZKA, Konrad, 1909— *Untersuchungen über Veränderungen an den harten Zahnschubstanzen während der Schwangerschaft. 35p. 21cm. Bonn, Kubens, 1936.

GAU, Bruno, 1907— *Beiträge zur Morphologie und Biologie von Zygogonium ericetorum [Königsberg Pr.] 32p. 3 pl. 8°. Zeulenroda, B. Spron, 1934.

GAU, Charles, 1909— *Hormonothérapie génitale des troubles menstruels chez la tuberculeuse pulmonaire [Paris] 130p. 8°. Lyon, Bosc frères, 1936.

GAUBE, Herta [Elisabeth Maria] 1901— *Die Anlage der Frontzähne bei einem Embryo von 4,8cm Scheitelsteisslänge [Halle] 11p. 8°. Mährisch-Ostau, A. Luser & Co., 1925.

GAUBE, Hieronymus David, 1705–80. De regimine mentis, orationes duo—Zwei akademische Reden über die heilkundliche Wirkung der Seele. p.89–281. portr. 8°. Amst., 1932.

In Opusc. sel. neerl. Amst., 1932, 11:
See also Meyer-Steinig, T. Hieronymus David Gaube über die natürlichen Heilkräfte. Arch. Gesch. Med., 1923, 15: 114–20.

GAUBE, Raymond Gaston Joseph Léopold, 1909— *L'anémie hémolytique avec hémoglobinurie-hémoxidérinurie; maladie de Marchiafava-Micheli. 166p. 24cm. Par., Le François, 1938.

GAUBENS, Jean, 1912— *Les méninges parasagittaux. 116p. 8°. Lyon, Bosc frères, 1936.

GAUBERT, Jean, 1911— *Le contrôle médical sportif; sa pratique dans les sociétés et groupements; ses résultats. 40p. 23cm. Par., A. Lapied, 1939.

GAUBERT, Nadia [née Gold] 1911— *De l'influence de la roentgentherapie sur le développement du foetus. 52p. 24cm. Par., E. Le François, 1939.

GAUBERT-FRANCOIS, Bernadette, 1913— *Intérêt pratique de la culture du bacille de Koch pour le diagnostic de la tuberculose pulmonaire. 49p. 24½cm. Par., A. Legrand, 1939.

GAUBIUS, Hieronymus David.

See *Gaube, Hieronymus David*.

GAUCH, Henri, 1898— *Contribution à l'étude des kystes hydatiques des côtes. 36p. 2 l. 8°. Par., 1925.

GAUCHE, Fernand, 1911— *Contribution à l'étude du traitement du phlegmon du garrot chez le cheval. 69p. 25½cm. Lyon, Bosc frères, 1938.

GAUCHER, Françoise [née Monin] 1911— *Difficultés du radiodiagnostic différentiel des lésions primitives bénignes et malignes des os. 67p. 3 pl. 24cm. Par., Maloine, 1937.

GAUCHER, Maurice Jean, 1904— *Le rhumatisme chronique progressif généralisé; étude clinique et radiographique. 158p. 8°. Par., C. Serre, 1934.

GAUCHER'S disease.

See also *Anemia, splenic; Hemochromatosis; Hepato-lienal syndrome; Lipoidosis; Reticulo-endotheliosis; Splenomegaly*.

Abrahams, A. Gaucher's disease. Proc. R. Soc. M., Lond., 1932, 25: 789.—**Atkinson, F. R. B.** Gaucher's disease in children. Brit. J. Child. Dis., 1938, 35: 1–22.—**Bloem, T. F., Groen, J., & Postma, C.** Gaucher's disease. Q. J. Med., Lond., 1936, 5: 517–27, 4 pl.—**Cavazzutti, G. B., Cricco, J. J., & Calandra, R.** Enfermedad de Gaucher. Actas Congr. nac.

med., Rosario, 1934, 5. Congr., pt 4, 236-57.—**Chevrel, F.**, **Chevrel-Bodin** [et al.] Maladie de Gaucher et maladie de Niemann-Pick. Ann. anat. path., Par., 1937, 14: 297-310.—**Dumbadze, D.** [Morbus Gaucher] Vest. khir., 1927, 11: 177-86, 3 pl.—**Gelman, G.** [Gaucher's disease (Gaucher's splenomegaly)] Polska gaz. lek., 1931, 10: 664-7.—**González Rubio, L.**, & **Iglesias Parga, J. M.** Reticuloendoteliosis; enfermedad de Gaucher. Arch. med., Madr., 1935, 38: 357-60.—**Haas, S. L.** Gaucher's splenomegaly. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 3: 52.—**Hara, H. J.**, & **Guido, F. R.** Gaucher's disease. California West. M., 1926, 25: 215.—**Hartston, W. L.** Gaucher's disease. Proc. R. Soc. M., Lond., 1931, 24: 1031.—**Hollós, L.** [Gaucher's disease] Orvosképzés, 1934, 24: dec. különf. (Apponyi Jubil.) 132-6.—**Kryszek, H.**, & **Fajwlewiec, J.** [Gaucher's disease] Polska gaz. lek., 1936, 15: 657; 681.—**Lange, C. de** [Gaucher's disease] Ned. tschr. geneesk., 1931, 75: pt 2, 2037, 2 pl.—**Löwinger, S.** [Gaucher's disease] Gyógyászat, 1934, 74: 154-8.—**Macer, J. M.**, & **Brachetto Brian, D.** Enfermedad de Gaucher. Arch. argent. pediat., 1936, 7: 11-7. Also Sem. méd., B. Air., 1936, 43: 1249-52.—**Myers, B.** Gaucher's disease from the clinical point of view. Postgrad. M. J., Lond., 1939, 15: 20-3.—**Oppenheimer, B. S.**, **Welt, S.**, & **Rosenthal, N.** Recent observations on the Gaucher type of splenomegaly. Tr. Ass. Am. Physicians, 1928, 43: 136-41.—**Pachman, D. J.** Chronic Gaucher's disease. Am. J. Dis. Child., 1938, 56: 248-65, pl.—**Pertman, H. H.** Chronic Gaucher's disease. J. Pediat., S. Louis, 1940, 16: 191-205.—**Rencki, R.** [Gaucher's disease] Polska gaz. lek., 1927, 6: 857-60.—**Tramontano, V.** Sul morbo di Gaucher. Gazz. internaz. med. chir., 1925, 30: 76; 93; 109; 129.—**Warren, L. F.** Gaucher's disease. In Contr. M. Sc. (A. S. Warthin) Ann. Arb., 1927, 535-45.—**Weil, P. E.**, & **Chevallier, P.** La maladie de Gaucher. Paris méd., 1926, 59: 463-73.—**Westenbrink, H. G. K.** [Gaucher's disease] Ned. tschr. geneesk., 1931, 75: pt 4, 4983-8.—**Zadek, I.** Morbus Gaucher. Med. Klin., Berl., 1924, 20: 78-80.

Associated diseases, and complications.

Buxton, J. D. Spinal disease complicating Gaucher's disease in a child. Proc. R. Soc. M., Lond., 1934-35, 28: 1027.—**Potts, W. J.** Arteriovenous aneurysm; Gaucher's disease. Surg. Clin. N. America, 1932, 12: 1303-14.—**Rosenthal, E.** Coexistence of Gaucher's disease and cholelithiasis. Rev. Gastroenter., 1940, 7: 278-81.—**Van Bogaert, L.**, & **Froehlich, A.** Un cas de maladie de Gaucher de l'adulte avec syndrome de Raynaud, pigmentation, et rigidité du type extrapyramidal aux membres inférieurs. Ann. méd., Par., 1939, 45: 57-70.—**Wechsler, H. F.**, & **Gustafson, E.** Gaucher's disease; associated with multiple telangiectases in an elderly woman. N. York State J. M., 1940, 40: 133-5.

Cases.

Aballi, A. J., **Sala Panicello, F.**, & **Pascual Gispert, J.** La enfermedad de Gaucher; primera observación en un niño cubano. Bol. Soc. cubana pediat., 1938, 10: 547-79.—**Bonnel, F. J. B.** La maladie de Gaucher; à propos du quatrième cas d'endothéliome primitif de la rate, publié en France. Bull. Ass. fr. cancer, 1929, 18: 521-37.—**Capper, A.**, **Epstein, H.**, & **Schless, R. A.** Gaucher's disease; report of a case with presentation of a table differentiating the lipid disturbances. Am. J. M. Sc., 1934, 188: 84-93, 2 pl.—**Fiessinger, N.**, & **Leveuf, J.** Sur un cas de maladie de Gaucher. Ann. anat. path., Par., 1932, 9: 945-54.—**Guibert, H. L.** Deux cas de splénomégalies primitives: réticulo-endothéliome typique et maladie de Gaucher. Bull. Ass. fr. cancer, 1930, 19: 575-609.—**Harper, W. W.** Splenomegaly of the Gaucher type, with case report. South. M. J., 1926, 19: 726.—**Horsley, J. S., jr.**, **Baker, J. P., jr.**, & **Apperly, F. L.** Gaucher's disease of late onset with kidney involvement and huge spleen. Am. J. M. Sc., 1935, 190: 511-18.—**Kveim, A.** [Three cases of Gaucher's disease] Noisk. mag. laegevid., 1935, 96: 696-711. Also Acta derm. vener., Stockh., 1936, 17: 500-12.—**Melnikov-Razvedenkov, M. F.** [Gaucher's splenomegaly in the Ukrainian] Ukrain. med. vist., 1930, 6: 71-83.—**Nagao, N.** Ueber einen Fall von Gaucherscher Krankheit. Tr. Soc. path. jap., 1934, 24: 461.—**Pugh, D. L.** Two cases of Gaucher's splenomegaly. Med. Press & Circ., Lond., 1936, 192: 440-2.—**Ruppanner, E.** Zur Kasuistik des Morbus Gaucher. Schweiz. med. Wschr., 1940, 70: 584-7.—**Schleussner, R. C.**, & **Schnee, C. F.** Gaucher's disease; a brief review of the disease with report of a case in a male. N. York State J. M., 1939, 39: 1665-9.—**Tassman, G. C.**, & **Bender, I. B.** Gaucher's disease; report of a case. J. Am. Dent. Ass., 1940, 27: 1268-70.—**Volpe, A.**, & **Schneeberger, E.** Un caso de enfermedad de Gaucher. Arch. pediat. Uruguay, 1938, 9: 635-43.—**Webster, R.** Pathological reports from the Children's Hospital, Melbourne; Gaucher's disease. Med. J. Australia, 1938, 2: 22-4, pl.

Diagnosis.

Fischer, A. W. Das Röntgenbild der Knochen, besonders des Femur in der Diagnose des Morbus Gaucher. Fortsch. Röntgenstrahl., 1928, 37: 158-64.—**Fleischhacker, H.**, & **Klima, R.** Die diagnostische Bedeutung der Sternalpunktion bei Morbus Gaucher und bei Knochenmarkmetastasen. Münch. med. Wschr., 1936, 83: 2051-5.—**Gerbasi, M.** Morbo di Gaucher diagnosticato in vita mediante la splenopuntura. Med. inf., Roma, 1933, 4: 181-90.—**Giraud, P.**, **Mosinger**

[et al.] Maladie de Gaucher diagnostiquée par la biopsie de la rate. Bull. Soc. pédiat. Paris, 1937, 35: 627-32.—**Goldmann, F.**, & **Stein-Freiberg, M.** Zur Differentialdiagnose des hepato-splenalen Symptomenkomplexes mit besonderer Berücksichtigung des Morbus Gaucher. Ann. paediat., Basel, 1938-39, 152: 224-34.—**Hoffman, S. J.**, & **Makler, M. I.** Gaucher's disease; a review of the literature and report of a case diagnosed from section of an inguinal lymph gland. Am. J. Dis. Child., 1929, 38: 775-93.—**Löwinger, S.** Die Bedeutung der Knochenmark- und Milzpunktion für die Diagnose des Morbus Gaucher. Fol. haemat., Lpz., 1934-35, 53: 126-34.—**Merklen, P.**, & **Warter, J.** Nouveau cas de maladie de Gaucher diagnostiquée par la ponction de la rate; fixité du nombre des éléments du sang circulant. Sang, Par., 1936, 10: 1049-55.—**Waitz, R.** Maladie de Gaucher diagnostiquée par la ponction de la rate; lésions vertébrales étendues, présence de cellules de Gaucher dans l'expectoration. Ann. méd., Par., 1933, 33: 97-123.—**Sabrazès, Dupérier, & Frahier.** Ponction de la rate dans le diagnostic de la maladie de Gaucher. J. méd. Bordeaux, 1926, 56: 763.—**Sokolowski, A.** [Round basophilic corpuscles in the pulp of the spleen in Gaucher's disease and diagnostic value of the puncture of the bone marrow of sternum] Polska gaz. lek., 1932, 12: 197-200. Also Fol. haemat., Lpz., 1931-32, 46: 281-90.

familial, and hereditary.

Schröber, H. *Der Morbus Gaucher; seine Vererbung mit besonderer Berücksichtigung des Gesetzes: zur Verhütung erbkranken Nachwuchses [Münster] 31p. 21cm. Quakenbrück, 1937.

Anderson, J. P. Hereditary Gaucher's disease. J. Am. M. Ass., 1933, 101: 979-81. Also repr.—**Mühsam, R.** Familiärer Morbus Gaucher. Deut. med. Wschr., 1928, 54: 551-3.—**Santee, H. E.** Gaucher's disease; with report of 2 cases in brothers. Ann. Surg., 1927, 86: 707-14.—**Weil, P. E.**, **Isch-Wall, P.** [et al.] Trois cas de maladie de Gaucher familiale. Bull. Soc. méd. hôp. Paris, 1938, 3. ser., 54: 601-5.—**Woringer, P.** Cinquième enfant atteint de maladie de Gaucher dans une même famille. Bull. Soc. pédiat. Paris, 1934, 32: 189-94. Also J. méd. Paris, 1934, 54: 689. Also Méd. inf., Par., 1934, 41: 190-6.

infantile.

See Niemann-Pick's disease.

Manifestations.

Aghion, H. *La maladie de Gaucher dans l'enfance (forme cardio-rénale) [Paris] 98p. 8°. Persan, 1934.

Meyer, R. *Syndrome neurologique et diagnostic clinique de la maladie de Gaucher du nourrisson [Strasbourg] 42p. 8°. Par., 1933. Also Rev. fr. pédiat., 1932, 8: 559-98.

Schott, H. *Splenomegalie Typ Gaucher und ihre Veränderung in der Mundhöhle unter besonderer Berücksichtigung einer eigenen Beobachtung [München] 43p. 8°. Zeulenroda, 1935.

Aballi, A. J., & **Kato, K.** Gaucher's disease in early infancy; review of literature and report of case with neurological symptoms. J. Pediat., S. Louis, 1938, 13: 364-80.—**Bloem, T. F.** [Pigmentation in Gaucher's disease] Ned. tschr. geneesk., 1937, 81: 2021-3.—**Dore, S. E.** Gaucher's disease with cutaneous lesions. Proc. R. Soc. M., Lond., 1925-26, 19: sect. derm., 50-2.—**Klercker, K. O. af.** Contribution à l'étude de la maladie de Gaucher. Acta med. scand., 1926, Suppl. No. 16, 590-4. Also Acta paediat., Upps., 1926-27, 6: 302-51.—**Mensi.** Syndrome neurologica del morbo di Gaucher nel lattante. Clin. iziene inf., 1933, 8: 410-2.—**Meyer, R.** Nouveau cas de syndrome pseudo-hulbaire du nourrisson (maladie de Gaucher de nourrisson) Rev. neur., Par., 1934, 41: pt 2, 612-7.—**Nordmann, J.** Disturbi della motilità oculare nel morbo di Gaucher del neonato. Boll. ocul., 1934, 13: 1-8.

Les troubles oculaires dans les maladies de Gaucher et de Niemann-Pick. Bull. Soc. opt. Paris, 1933, pt 2, 509-15.—**Peck, S. M.** Gaucher's disease with cutaneous manifestations and pingueculae. Arch. Derm. Syph., Chic., 1937, 35: 541.—**Postma, C.** [Pigmentation of the legs in 2 cases of Gaucher's disease] Ned. tschr. geneesk., 1937, 81: 35.—**Redslob, E.**, & **Gery, L.** Localisations oculaires de la maladie de Gaucher. Ann. ocul., Par., 1932, 169: 865-75.

osseous.

Abrikosov, A. Ein Fall der Skelettform der Niemann-Pickschen Krankheit. Verh. Deut. Ges. inn. Med., 1928, 40. Congr., 584. Also Verh. Deut. path. Ges., 1928, 23: 101 [Discussion] 122-43.—**Bender, I. B.** Dental observations in Gaucher's disease. J. Dent. Res., 1938, 17: 359-69.—**Brunner, H.** Ueber das Vorkommen von Gaucherzellen im Felsenbein nebst Bemerkungen zur kausalen Genese der Otosklerose.

Zschr. Hals & c. Heilk., 1928, 22: 60-74.—Cushing, E. H., & Stout, A. P. Gaucher's disease; with report of a case showing bone disintegration and joint involvement. Arch. Surg., 1926, 12: 539-60, pl.—Determann, T. Kenntnis des Röntgenbildes beim Morbus Gaucher. Röntgenpraxis, 1932, 4: 1009-11.—Eisenheimer, A., & Wolf, J. Ueber einen Fall von Morbus Gaucher (ossuärer Typ). Fortsch. Röntgenstrahl., 1933, 48: 222-4.—Kato, K. Changes in the bone in Gaucher's disease. Tr. Am. Pediat. Soc., 1931, 43: 43.—Kirklin, B. R., & Hefke, H. W. Roentgenologically demonstrable changes in bone in Gaucher's disease. Am. J. Roentg., 1930-31, 24: 258-61.—Kranz, P. Splenomegalie Typ Gaucher. Vjschr. Zahnh., 1933, 49: 317-22.—Lange, C. de. Ueber Zeitfolge des Entstehens und über Heilungstendenz der Skelettveränderungen beim Morbus Gaucher sowie über das Erscheinen der typischen Pigmentationen. Ann. paediat., Basel, 1938-39, 152: 87-95.—Melamed, S., & Chester, W. Osseous form of Gaucher's disease; report of a case. Arch. Int. M., 1938, 61: 798-807.—Merklen, P., Waitz, R., & Warter, J. Un cas de maladie de Gaucher à déterminations osseuses, avec cellules de Gaucher dans les crachats. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 36-41.—Milch, H., & Pomeranz, M. Bone changes in Gaucher's splenomegaly. Ann. Surg., 1929, 89: 552-60.—Pick, L. Die Skelettform (ossuäre Form) des Morbus Gaucher. Veröff. Kriegs Konstpath., 1927, 4: II, 17, 1-75.—Reiss, O., & Kato, K. Gaucher's disease; a clinical study, with special reference to the roentgenography of bones. Am. J. Dis. Child., 1932, 43: 365-86.—Sorrel, E., Merigot, L., & Oberthur, H. Un cas de maladie de Gaucher avec lésions osseuses importantes. Rev. orthop., Par., 1934, 3. ser., 21: 680-8.—Welt, S., Rosenthal, N., & Oppenheimer, B. S. Gaucher's splenomegaly; with especial reference to skeletal changes. J. Am. M. Ass., 1929, 92: 637-44.—Zanardi, F., Heimann, W., & Lustig, J. Un caso di malattia di Gaucher a localizzazioni ossee. Arch. ital. chir., 1938, 54: 888-906.

Pathology.

JENNY, E. *Beitrag zur Kenntnis der Varianten der Gaucherschen und Niemann-Pickschen Krankheit [Basel] 32p. 8° Weida i. Thür., 1930.

NOWACKI, E. *Ein Beitrag zur Frage der Hypercholesterinämie bei Morbus Gaucher [Breslau] 17p. 20 $\frac{1}{2}$ cm. Ohlau i. Schl., 1937.

ZIMMERMANN, H. *Beitrag zur Kenntnis des Morbus Gaucher [Göttingen] 12p. 8° Hannover, 1931.

Antonow, A. Zur pathologischen Anatomie der Gaucher-Krankheit. Frankf. Zschr. Path., 1931, 41: 26-44.—Apert, E. La maladie de Gaucher (splénomégalie primitive familiale) ses diverses variétés et particulièrement ses variétés précoces. Bull. méd., Par., 1927, 41: 9-12.—Caselli, G. Il morbo di Gaucher (endoteloma primitivo della milza) Morgagni, 1925, 67: 417-21.—Di Guglielmo, G. La cellula di Gaucher nel sangue periferico. Haematologica (Arch.) Pavia, 1931, 12: 615-34.—Dubinskaja, B., & Mclnikova-Rasvedenkova, A. Morbus Gaucher in der U. d. S. S. R.; zugleich Beitrag zur pathologischen Anatomie. Virchows Arch., 1930, 276: 587-621.—Findlay, L. Microscopic sections from case of Gaucher's disease. Proc. R. Soc. M., Lond., 1931, 24: 1336.—Graham, S., & Blacklock, J. W. S. Gaucher's disease; a clinical and pathological study. Arch. Dis. Childh., Lond., 1927, 2: 267-84.—Kraft, E., & Hooker, H. F. Gaucher's disease. Tr. Chicago Path. Soc., 1931, 13: 539.—Lange, C. de. Ueber die maligne Form der Gaucherschen Krankheit. Acta paediat., Ups., 1939, 27: 34-50.—Lieb, H. M. Cerebroside Speicherung bei Morbus Gaucher. Zschr. physiol. Chem., 1927, 170: 60-7.—Malaguzzi Valeri, C. Contributo alla conoscenza del morbo di Gaucher. Arch. sc. med., Tor., 1938, 66: 310-23.—Merklen, P., Hoerner, G., & Warter, J. A propos d'un cas de maladie de Gaucher chez l'adulte; étude histopathologique; lésions gauchériennes des pommous et des méninges. Sang. Par., 1936, 10: 789-96.—Myers, B. Gaucher's disease of the lungs. Brit. M. J., 1937, 2: 8-10, pl. Also Proc. R. Soc. M., Lond., 1937-38, 31: 1046.—Oberling, C. La maladie de Gaucher. Ann. anat. path., Par., 1926, 2: 353-87.—Pick, L. Der Morbus Gaucher und die ihm ähnlichen Erkrankungen (die lipoidzellige Splenohepatomegalie Typus Niemann und die diabetische Lipoidzellenhyperplasie der Milz) Erg. inn. Med., 1926, 29: 519-627. — A classification of the diseases of lipid metabolism and Gaucher's disease. Am. J. M. Sc., 1933, 185: 453-69. 4 pl.—Pico Duni, R. Estado actual de la anatomía patológica de la enfermedad de Gaucher. Dña méd., B. Air., 1932-33, 5: 686.—Pittaluga, G., & Goyanes, J. Contribution à l'étude de la cellule de Gaucher. Arch. mal. cœur, 1933, 26: 65-107.—Pittaluga, G., & Rof, J. Beitrag zur Kenntnis des Morbus Gaucher-Schlaganhafter. Föl. haemat., Lpz., 1931-32, 46: 299-320, 3 pl.—Takei, T. On the Gaucher's disease. Tr. Jap. Path. Soc., 1931, 21: 553-5.—Tramontano, V. Contributo allo studio della malattia di Gaucher. Rinasce med., 1925, 2: 301-3, 2 pl.—Tropp, C. Beitrag zur Pathogenese der Gaucherschen und Niemann-Pickschen Erkrankung. Klin. Wschr., 1936, 15: 562-4.—Weltmann, O., & Deuticke, P. Untersuchungen an zwei Fällen von Splenomegalie, Typ Gaucher. Wien. klin. Wschr., 1927, 40: 937.—Westenbrink, H. G. K. Chemische Untersuchung eines Falles von Gaucher'scher Krankheit. Arch.

néerl. physiol., 1931, 16: 502-9.—Zehnder, M. Zum Problem des Morbus Gaucher (vorläufige Mitteilung) Klin. Wschr., 1937, 16: 553-5. — Klinischer und chemischer Beitrag zum Studium des Morbus Gaucher. Deut. Zschr. Chir., 1938, 250: 422-53.

Pathology: Spleen.

THOEMKE, G. *Zur Histologie der Milz beim Morbus Gaucher; ein Beitrag zur Histologie und Histogenese der Gaucherzelle. 41p. 8° [Berl.] 1928.

Bloom, W., & Kern, R. Spleens from Gaucher's disease and lipid-histiocytosis; the chemical analysis. Arch. Int. M., 1927, 39: 456-61.—Grua, C. A., & Oliva, V. Recherches chimiques relatives à quelques thésaurismoses; analyse d'une rate de Gaucher. Bull. sc. pharm., Par., 1937, 44: 276-85.—Halliday, N., Deuel, H. J., jr [et al.]. On the isolation of a glucose-containing cerebroside from spleen in a case of Gaucher's disease. J. Biol. Chem., 1940, 132: 171-80.—Kaye, I. A. Rapid method for the isolation of kerosin from a Gaucher spleen. J. Lab. Clin. M., 1939-40, 25: 1117.—McConnell, J. S., Forbes, J. C., & Apperly, F. L. Notes on chemical studies of a Gaucher spleen. Am. J. M. Sc., 1939, 197: 90-2.—Mai, H. Chemische Untersuchung einer Gaucher-Milz. Zschr. Kinderh., 1933, 55: 12-6.—Myers, B. Spleen from a case of Gaucher's disease. Tr. M. Soc. London, 1936, 59: 94, pl.—Thompson, R. H. S., & Wright, G. P. Studies on the chemistry of Gaucher's disease; an analysis of 3 spleens. Guy's Hosp. Rep., Lond., 1937, 87: 30-45.

Treatment.

See also Splenectomy.

Acuña, M., & de Filippi, F. Enfermedad de Gaucher en un lactante; esplenectomía. Arch. argent. pediat., 1934, 5: 489-502. Also Sem. méd., B. Air., 1935, 42: pt 1, 735-40.—Bessie, E. M. Primary splenomegaly of the Gaucher type with report of a case successfully splenectomized. Med. Rec., N. Y., 1937, 145: 403-5.—Bonta, M. B. Splenectomy in Gaucher's disease. Arch. Surg., 1930, 21: 851-9.—Bürger, M., Schrade, W., & Landers, H. Die diätetische Beeinflussung des Stoffwechsels bei hepatosplenomegalen Lipoidose. Zschr. klin. Med., 1937, 132: 594-612.—Carling, E. R., Carilli, H., & Pulvertaft, R. J. Splenectomy in Gaucher's disease with haemoglobinuria. Proc. R. Soc. M., Lond., 1933, 26: 361.—Castro Freire, L. de. De la splénectomie dans la maladie de Gaucher. Ann. méd. enf., Par., 1935, 38: 163-6.—Donovan, E. J. Splenectomy in a child 11 months of age for Gaucher's disease. Surg. Clin. N. America, 1931, 11: 517-20.—Fischer, A. W. Zur Pathologie und Chirurgie der Gaucher'schen Krankheit; Indikation und Erfolgsaussichten der Splenektomie. Beitr. klin. Chir., 1927, 141: 290-320, pl.—Henninger, H. Zur Splenektomie beim Morbus Gaucher. Arch. klin. Chir., 1932, 172: 126-32.—Hunter, D., & Evans, W. Gaucher's disease 13 years after splenectomy. Proc. R. Soc. M., Lond., 1929-30, 23. sect. med., 24-7.—Lesné, E., Clément, R., & Guillaín, P. Maladie de Gaucher améliorée par splénectomie. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 1004-13. Also Arch. méd. enf., Par., 1934, 37: 129-38.—Loop, F. A. Gaucher's disease and its surgical treatment. J. Indiana M. Ass., 1934, 27: 249-52.—Mühsam, R. Die Diagnose und operative Behandlung des Morbus Gaucher. Verh. Berl. med. Ges., 1930, 60: Teil 2, 14-20. Also Verh. Ges. Verdauungskr., 1929, 8: 131-4. Also Arch. klin. Chir., 1928, 153: 215-34.—Myers, B. Gaucher's disease: splenectomy. Proc. R. Soc. M., Lond., 1932, 25: 396; 1933, 26: 360; 1934, 27: 1014.—Pack, G. T., & Silverstone, S. M. Gaucher's disease; report of a case improved after splenectomy. Am. J. Surg., 1938, 41: 77-86.—Potter, E. B., & McRae, C. C. Gaucher's disease: report of 2 cases, with a remission in 1 following administration of liver extract. Am. J. M. Sc., 1933, 185: 92-6, 2 pl.—Szymonowicz, J. [Immediate and remote results of splenectomy in Gaucher's disease] Polska gaz. lek., 1936, 15: 576-81.—Ullrich, O. Splenektomiefolgen beim Morbus Gaucher. Zschr. Kinderh., 1933, 55: 1-11.—Warter, J. Contribution à l'étude de la maladie de Gaucher. Strasbourg méd., 1933, 93: 34; 55.

GAUCHET, Joseph. 1898—*Contribution à l'étude des méthodes ankylosantes dans le traitement de différentes affections de la colonne vertébrale, en particulier dans le mal de Pott. 105p. pl. 8° Par., 1927.

GAUCHOT, Georges. 1907—*De l'étiologie et du traitement de l'ictère infectieux des muletons. 60p. 8° Lyon, Bosc frères, 1935.

GAUDENZ, Domenic. 1899—*Beiträge zur Biologie zweieiger Zwillinge an Hand von 142 Sippschaftstafeln aus dem Engadin. 39p. diagr. 8° Zür., J. J. Meier, 1928.

GAUDERUAU, Edmond Adrien Désiré. 1903—*Etude sur la vitesse de la coagulation du sang chez le chien [Alfort] 59p. 8° Châlon, Impr. Soc. répub., 1927.

GAUDET, Frederick J. Individual differences in the sentencing tendencies of judges. 58p. 8°. N. Y., 1938.

Forms No. 230, Arch. Psychol., N. Y.

GAUDET, Jean, 1912— *Manie chronique et états maniaques chroniques. 119p. 24cm. Par., M. Vigné, 1939.

GAUDEUL, Bernard, 1913— *Saint Vincent de Paul; précurseur de l'assistance publique. 112p. 8°. Par., F. Sorlot, 1938.

GAUDI, Antoni, 1852–1926.

Bückmann, I. Antoni Gaudi; ein pathographischer Versuch, zugleich ein Beitrag zur Genese des Genieruhms. Zschr. ges. Neur. Psychiat., 1932, 139: 133–57.

GAUDIG, Herbert, 1902— *Die positive Schwankung der Wassermann'schen Reaktion bei Lues I. in ihrer Beziehung zur Intensität der Behandlung. 18p. 8°. [Jena] 1928.

GAUDIG [Paul] Georg, 1910— *Beitrag zur Frage der Therapie der Placenta praevia mit den alten vaginalen Methoden. 35p. 23½cm. Halle, E. Klinz, 1936.

GAUDIN Edouard, 1907— *Contribution à l'étude de l'étiologie et de l'épidémiologie de l'aérodynie. 85p. 8°. Par., Vigot frères, 1937.

GAUDIN, Gabriel Jean, 1904— *Rations alimentaires de la moyenne et de la grande enfance. 52p. 8°. Par., L. Arnette, 1930.

GAUDISSERT, Pierre, 1894–1933.

Nécrologie. Bull. Soc. belge opt., 1933, No. 66, portr.—Gehuchten, P. van [Nécrologie] Ann. Inst. chir. Bruxelles, 1933, 34: 51–4, portr.

GAUDLITZ, Heinz, 1903— *Pathogenese und Diagnose der Zahnfleischveränderungen bei Blei- und Wismutintoxikation unter Berücksichtigung eigener klinischer und mikroskopischer Untersuchungen [Leipzig] 19p. 8°. [Zeulenroda, A. Oberreuter] 1929.

GAUDOIN, Jean, 1910— *Contribution au traitement des orché-épididymites et prostatites; traitement par les injections intra-veineuses de carbone animal. 32p. 8°. Par., Réunies, 1935.

GAUDRON, Henri Paul, 1913— *Le traitement des brûlures par les courants exponentiels de basse fréquence de Pierre Le Gô. 120p. 24½cm. Par., A. Legrand, 1938.

GAUDUCHEAU, Alexandre Augustin Florentin, 1874— Contre un fléau; comment on se préserve des maladies sexuelles. xiii, 179p. 16°. Par., Stock, 1923.

GAUFFRE, Raymond, 1909— *Contribution à l'étude de certains larmoiements chroniques [Paris] 56p. 8°. Narbonne, J. Bosquet, 1935.

GAUGELE, Karl, 1878—

Brandes. Zum 60. Geburtstag von Karl Gaugele. Arch. orthop. Unfallchir., 1938, 39: 420, portr.—Elsner, J. Karl Gaugele 60jährig. Zschr. Orthop., 1938–39, 69: 1–3, portr.

GAUGER, Kurt, 1899— *Ueber den Einfluss des Duodenalsaftes auf die Zuckervergärung durch Coli. 27p. 8°. Berl., 1932.

GAUGER, Kurt, 1907— *Vergleichende Untersuchungen zur analeptischen Wirkung von Stickstoffverbindungen [Tübingen] 20p. 8°. Stuttgart, C. A. Hammer, 1932.

Politische Medizin; Grundriss einer deutschen Psychotherapie. 64p. 8°. Hamb., Hansatische Verl. [1934]

GAUGER, Marguerite Elston, 1891—

*The modifiability of response to taste stimuli in the preschool child [Columbia Univ.] 53p. 8°. N. Y., Bur. Pub. Columbia Univ., 1929.

— Vitamins and your health. 102p. 8°. N. Y., R. M. McBride [1935]

GAUGIER, Louis, 1891—

See Sicard, Jean A., & Gaugier, L. Le traitement des varices par les injections locales sclérosantes. 2. éd. 119p. 8°. Par., 1927. Also 2. éd. rev. 119p. 1929. Also 3. éd. 129p. 1931.

GAUKEL, Walter, 1911— *Ein Beitrag zur pathologischen Anatomie der eitrigen Entzündungen von Mundboden und Zunge [Heidelberg] 23p. 21cm. Bottrop, W. Postberg, 1936.

GAUL, Alexander, 1907— *Untersuchungen über die Arbeitsleistung bei Atembehinderung. 16p. 8°. Münch., Bayer. Druck. & Verl. Anst. [1936]

GAUL, Oskar, 1902— *Luxatio femoris centralis; die Fälle innerhalb der letzten 10 Jahre an der chirurgischen Universitätsklinik zu Heidelberg. 11p. 8°. [Heidelb., n. pub.] 1928.

GAULE, Alice, 1890— *Das Auftreten der Chorea Huntington in einer Familie der Nordostschweiz. 26p. 8°. Zür., O. Füssli, 1932. Also Schweiz. Arch. Neur. Psychiat., 1932, 29:

GAULENE, Michel, 1915— *La thrombophlébite du sinus longitudinal supérieur d'origine naso-sinusienne. 43p. 25½cm. Lyon, Bosc frères, 1939.

GAULIER, André, 1906— *Essai de traitement des accidents sériques tardifs par l'acide lactique. 26p. 24½cm. Par., A. Legrand, 1939.

GAULIER, Roger, 1900— *Le traitement des fistules uréthro-rectales. 102p. 8°. Par., A. Legrand, 1933.

GAULIER-FAGNIERE, Geneviève, 1904— *Le traitement chirurgical restaurateur de la perméabilité tubaire dans les salpingites. 70p. 8°. Par., A. Legrand, 1933.

GAULIS, Georges Louis. *Contribution à l'étude de la grossesse ectopique. 34p. 8°. Lausanne [Soc. Ed. Savoyard] 1935.

GAULT, Edwin S[artain] 1893—

See Smith, Lawrence W., Gault, Edwin S. [et al.] Essentials of pathology. [v. p.] 84 pl. 4°. Phila., 1937.

GAULT, Fernand, 1873–1936.

Jacquis, P. Nécrologie. Ann. otolar., Par., 1936, 1109–12, portr.

GAULT, Robert Harvey, 1874—, & **HOWARD, Delton T.** Outline of general psychology. v, 474p. 3 portr. 8°. N. Y., Longmans, Green & Co., 1925.

GAULTHERIA [and derivatives]

See also Ericaceae; Salicylic acid, Derivatives.

Armendáriz, E. Esencia de axocopaque. Mem. Congr. méd. nac. mex., 1910, 4. Congr., 732.—Bridel, M. Les glucosides à salicylate de méthyle. Bull. Acad. méd., Par., 1927, 3. ser., 97: 795–7. — & Grillon, S. Le glucoside à salicylate de méthyle du Gaultheria procumbens L. est le monotroposide. Bull. Soc. chim. biol., Par., 1928, 10: 1326–35.

— Sur la présence de notables quantités de monotroposide dans le Gaultheria procumbens L. (plante entière) après dessiccation. Ibid., 1929, 11: 466–74. — Le glucoside à salicylate de méthyle du Gaultheria procumbens L. est le monotroposide. J. pharm. chir., Par., 1929, 8. ser., 9: 5–16. — Sur la présence de notables quantités de monotroposide dans le Gaultheria procumbens L. (plante entière), après dessiccation. Ibid., 193–202.—Donatelli, L., & Abbate, R. Vergiftung durch Methylsalicylat (Wintergrün) mit Nierenschädigung und Gehörstörungen. Samml. Vergift., 1939, 10: A, 69–72.—Dwyer, H. L. Oil of wintergreen (methyl salicylate) poisoning; report of case. J. Kansas M. Soc., 1933, 34: 166.—Kane, T. E. Oil of wintergreen poisoning. J. Iowa M. Soc., 1938, 28: 238.—Koldovský, K. [Wintergreen (methyl salicylate) in treatment of diseases of the cornea] Bratisl. lek. listy, 1930, 10: 181–92.—Rabaté, J. Sur le gauthérioside (éthylprimevéroside) C. rend. Acad. sc., 1937, 204: 153–5. — Sur l'hydrolyse du monotroposide par la poudre fermentaire de feuilles de Gaulthérie en présence de faibles quantités d'alcool. Bull. Soc. chim. biol., Par., 1938, 20: 449–53. — & Rabaté, S. Sur le gauthérioside, nouvel hétéroside extrait de la Gaulthérie fraîche (plante entière) Ibid., 1931, 13: 604–15.—Stevenson, C. S. Oil of wintergreen (methyl salicylate) poisoning; report of 3 cases, 1 with autopsy, and a review of the

literature. *Am. J. M. Sc.*, 1937, 193: 772-88.—**Strong, L. C.** The effect of oil of wintergreen on the incidence of spontaneous carcinoma in mice; effect on growth rate and survival time after onset of malignancy. *Ibid.*, 1936, 192: 546-53.

Effect of oil of wintergreen on spontaneous tumors of the mammary gland in mice; the different effect of 2 fractions obtained by the distillation of the true oil. *Am. J. Cancer*, 1938, 32: 227-39.—**Tsvetojevich, M., & Pavichevich, N.** [Gaultheria oil in the treatment of dendritic keratitis] *Voj. san. glasnik*, 1935, 6: 161-73.—**Wetzel, N. C., & Nourse, J. D.** Wintergreen poisoning. *Arch. Pathol., Chic.*, 1926, 1: 182-8.

GAULTIER, Jean Marie Sylvian, 1903—

*Les rapports du vétérinaire avec la production latière [Alfort] 60p. 8° Par., Libr. Le François, 1932.

GAULTIER, Louis, 1912— *Contribution à l'étude des accidents nerveux du saturnisme d'origine hydrique. 90p. 24cm. Par., A. Legrand, 1938.

GAULTIER, Michel, 1909— *La créatinurie; exploration fonctionnelle de la fibre striée. 200p. 24½cm. Par., A. Legrand, 1938.

GAULTIER, René, 1875— Les dilatations de l'estomac. 2. éd. 114p. illust. 12° Par., J. B. Baillière, 1930.

— Consultations sur les maladies des voies digestives. 250p. 8° Par., J. B. Baillière & fils, 1931.

GAUME, Louis. Les propos d'un vieux praticien. 250 [2]p. 8° Par., L. Arnette, 1928.

GAUMONT, Suzanne Henriette, 1894—

*Considérations à l'étude des intoxications par les moules comestibles. 64p. 8° Par., Ed. Médicale, 1926.

GAUNT, James J. *The treatment of pellagra with nicotine acid; a review of the literature [Milwaukee Co. Gen. Hosp.] 23 l. 28cm. Wauwatosa, 1939.

Typewritten.

GAUPP, Anneliese, 1910— *Ein Fall von generalisierter, atypischer Amyloidose (Paramyloidose) [München] 8p. 8° Düsseld., G. H. Nolte, 1934.

GAUPP, Robert, 1907— *Beitrag zur Frage der Crampusneurose [Tübingen] p.682-701. 8° Berl., J. Springer, 1931.

Also *Zschr. ges. Neur. Psychiat.*, 1931, 132:

GAUPP, Robert [Eugen] 1870— Das sexuelle Problem, vom psychologischen Standpunkt; Ansprache an die Studentenschaft der Universität Tübingen. 24p. 8° Tüb., H. Laupp, 1920.

— Die Unfruchtbarmachung geistig und sittlich Kranker und Minderwertiger. p. l. 43p. 8° Berl., J. Springer, 1925.

For Festschrift see *Zschr. ges. Neur. Psychiat.*, 1930, 127: portr.

GAUPP, Vera, 1904— *Ueber Dispersionsverhältnisse der Plasmaciweißkörper bei Lues III [München] 17p. 8° Tüb. [n. pub.] 1928.

GAURICO, Pomponio, —1543. De sculptura; ed. Ant. Placido. 48 l. 8° Firenze, Giunta, Dec. 25, 1504.

— *Eclogae eroticae*. p.43a-47b. 8° Firenze, 1504.

In his *De sculptura*. Fir., 1504.

GAUSE, George Francis, 1910— The struggle for existence. ix, 163p. illust. tab. diags. 8° Balt., Williams & Wilkins Co., 1934.

GAUSE, Günter, 1909— *Ueber den Gradenigo Symptomen-Komplex an Hand von 156 Fällen einschliesslich der fünf bisher noch nicht veröffentlichten Fälle aus der Breslauer Universitätsklinik für Ohren-, Nasen-, Kehlkopf-leiden. 61p. 8° Bresl., A. Schreiber, 1934.

GAUSS, Carl Joseph, 1875—

Eymer, H. Biography. *Strahlentherapie*, 1935, 54: 373-6, portr.

GAUSS, Günther, 1912— *Elektrokardiographische Untersuchungen bei Emphysemkranken. 28p. 8° Bonn, A. Brand, 1936.

GAUSS, Harry, 1888— Clinical dietetics; a textbook for physicians, students and dietitians. 490p. 8° S. Louis, C. V. Mosby Co., 1931.

GAUSSEL, A[mans] 1871-1937.
E., J. Nécrologie. *Montpellier méd.*, 1937, 3. ser., 11: 195-7.

GAUSSEN, David Peter, 1857?-1938.

Obituary. *Brit. M. J.*, 1938, 1: 1238.

GAUTHEREAU, Gilliane Alice Jenny, 1921—

*Dosage pondéral de la fibrinémie, valeur sémiologique en particulier dans les affections hépato-biliaires. 91p. 8° Par., V. Degrange, 1937.

GAUTHERET, R. J. La culture des tissus végétaux, son état actuel, comparaison avec la culture des tissus animaux. 67p. 11 pl. 25½cm. Par., Hermann & cie, 1937.

GAUTHERON, Maurice, 1908— *Le pneumothorax spontané chronique. 109p. 8° Lyon, Bosc frères, 1935.

GAUTHERON, Renee, 1900— *Les formes occlusives des grossesses extra-utérines. 378p. 8° Par., C. B. B., 1934.

GAUTHEY, Maurice, 1915— *Contribution à l'étude des pneumococcies dans la race jaune. 44p. 24cm. Par., E. Le François, 1939.

GAUTHIER, André, 1910— *La cataplexie [Paris] 127p. 8° Largentière, E. Mazel, 1937.

GAUTHIER, Marcel, 1908— *Contribution à l'étude des néphrites apparues au cours du purpura. 131p. 8° Par., L. Rodstein, 1935.

GAUTHIER, Paul, 1900— *Contribution à l'étude des rapports des accidents gravidocardiaques et de l'intoxication gravidique. 44p. 8° Par., Jouve & cie, 1925.

GAUTHIER, Paul Charles, 1915— *Etude du diagnostic de l'insuffisance surrénale. 48p. 24½cm. Par., Maloine, 1939.

GAUTHIER, Pierre, 1908— *Les déformations de la tête foetale dans la présentation du siège. 60p. 8° Par., Ed. Jel, 1934.

GAUTHIER, Robert, 1902— *Contribution à l'étude des sténoses chroniques sous-vatériennes du duodénum. 99p. 8° Par., Jouve & cie, 1930.

GAUTHIER, Roger, 1907— *Contribution à l'étude de la tuberculose des glandes salivaires et en particulier de la sous-maxillaire. 77p. 8° Lyon, Bosc frères, 1934.

GAUTHIER, Roger Louis Alphonse, 1912— *De la suture primitive dans les fractures ouvertes des membres. 55p. 25½cm. Par., E. Le François, 1940.

GAUTHIER, Vincenzo, 1859-1920.
Giordani, F. Commemorazione. *Boll. Soc. natur. Napoli*, 1923, 2. ser., 14: 3-18, portr.

GAUTIER, Bernard, 1912— *A propos de 2 cas de cancers traumatiques. 19p. 24cm. Par., E. Le François, 1939.

GAUTIER, Claude, 1883—, & **WOLFF, René.** Le métabolisme basal; ses applications en clinique. vi, 172p. 11 pl. 12° Par., G. Doin & cie, 1928.

GAUTIER, E[ugène] L[ouis] 1880— Urologie. viii, 150p. 16° Par., A. Maloine & fils, 1925. Also 2. éd. vii, 156p. 1931.

GAUTIER, Henri, 1862-1928.
Le Beau, P. [Nécrologie] *Bull. sc. pharm.*, Par., 1929, 36: 148-54.

GAUTIER, J. A. Recherches dans la série de la pyridine; étude de quelques a-pyridones. 78p. 25½cm. Par., Hermann & cie, 1937.

GAUTIER, Jacques Paul, 1909— *La dysostose cranio-faciale. 100p. 25½cm. Par., L. Arnette, 1938.

GAUTIER, Jean, 1893— *Contributions à l'étude des kystes séreux de l'abdomen. 52p. 8° Par., Jouve & cie, 1927.

GAUTIER, Jules. La fécondation artificielle et son emploi contre la stérilité chez la femme. 2. éd. 112p. illust. 16° Par., J. B. Baillière, 1930.

GAUTIER, Marcel, 1913— *Rêchutes tardives de tuberculoses cavitaires unilatérales apparemment guéries par thoracoplastie. 114p. 25½cm. Par., L. Arnette, 1939.

GAUTIER, Pierre Marie Louis, 1907— *Thérapeutique des insuffisances génitales par le lobe antérieur de l'hypophyse. 108p. 8° Par., Le François, 1934.

GAUTIER, Robert, 1910— *L'hygiène des suies. 32p. 24cm. Par., Maloine, 1939.

GAUTREAU, Henri, 1911— *Contribution à l'étude des invaginations par diverticule de Meckel et leur traitement. 50p. 24cm. Par., Le François, 1938.

GAUTREAU, Pierre Jean, 1910— *Le diagnostic des lésions chroniques de la région du hile chez l'enfant. 99p. 8° Par., L. Arnette, 1937.

GAUTRELET, Jean. La lutte contre la chaleur. p.617-49. 8° Par., 1929.

In *Traité physiol. norm. path.* (Roger, G. H., & Binet, L.) Par., 1929, 8:

— La fièvre. p.651-85. 8° Par., 1929.

In *Traité physiol. norm. path.* (Roger, G. H., & Binet, L.) Par., 1929, 8:

— Eléments de technique physiologique. vii, 420p. illust. 8° Par., Masson, 1932.

GAUTRELET, Maurice Emile Marie, 1909— *Etude physiologique de la réaction de Schick. 55p. 8° Par., E. Le François, 1934.

GAUTROT, Lucien, 1889— *Les états précanéreux du col utérin. 44p. 8° Par., 1930.

GAUTSCH, Joseph A. *Modern treatment of breast carcinoma [Milwaukee Co. General Hosp.] 19 l. 28cm. Wauwatosa, 1939. Typewritten.

GAUZE.

See also **Bandage; Dressing; Wound, Treatment.**

YAZIGI, G. M. *La gasa yodoformada y su empleo en la cirugía bucal [Chile] 48p. 8° Santiago, 1931.

Franz, C. Pharmakologische und bakteriologische Prüfungen von Jodoformgaze. *Zbl. Chir.*, 1932, 59: 834-40.—**Gauze**, a versatile and indispensable accessory in medicine and surgery. *Surg. Equip.*, 1935, 2, 1: 18.—**Le Gousse**. Préparation économique de compresses genre tulle gras. *Arch. méd. pharm. nav.*, Par., 1933, 123: 312-4.—**Meyer, P.** Gewebsschädigung durch Stryphonngaze. *Zbl. Chir.*, 1930, 57: 2231-3.—**Muntsch, O.** Kann Jodoformgaze sterilisiert werden? *Ibid.*, 1933, 60: 674-7.—**Overholt, R. H.** A method of securing gauze dressings on draining wounds. *Surg. Clin. N. America*, 1932, 12: 761-4.—**Sackett, N. B.** Dermatitis following packing with iodoform gauze. *Am. J. Obst.*, 1930, 19: 681.—**Schulek, E.** & **Vastagh, G.** Iodoform content of iodoform gauze. *Orsz. Kőzegészs. Int. közl.*, 1929, 2: No. 13, 1-6; No. 14, 117-9.—**Thiel, R.** & **Ungar, H.** Jodgaze als Verband- und Drainagemittel. *Münch. med. Wschr.*, 1932, 79: 1843-5.

GAVAGE.

See under such headings as **Hunger; Prisoner; Psychosis.**

GAVAUDAN, Louis Maurice Gustave, 1908— *Contribution à l'étude des péritonites aiguës d'origine salpingienne. 98p. 8° Par., E. Le François, 1936.

GAVAUULT, Marcel, 1914— *Etude sur le pneumothorax extrapleurale. 89p. 25½cm. Lyon, Bosc frères, 1938.

GAVETT, George Irving, 1868— A first course in statistical method. 2. ed. ix, 400p. illust. tab. diagrs. 8° N. Y., McGraw-Hill Bk. Co., 1937.

GAVELLO, Giuseppe, 1872-1926.

Bobbio, L. Commemorazione fatta nella seduta del 8 Giugno 1928. *Gior. Accad. med. Torino*, 1928, 91: 216-27.

GAVIT, John Palmer. Some information for mother. 16p. 18° N. Y., 1935.

Forms Pub. No. 532, Am. Soc. Hyg. Ass., N. Y.

GAVOIS, Henri Georges, 1902— *La sténose hypertrophique du pylore chez le nourrisson (étude clinique et thérapeutique) 164p. 8° Par., L. Arnette, 1934.

GAVREL, Robert Paul, 1907— *Traitement de certaines tuberculoses par l'allergine. 64p. 8° Par., E. Le François, 1934.

GAVRILOV, Basile, 1895— *La lutte antipaludéenne en Bulgarie et son organisation. 119p. 8° Par., M. Vigné, 1930.

GAWALUEGOFF, Kyril Kostoff, 1908— *Vergiftungen in der Zahnheilkunde [Heidelberg] 107p. 8° Wiesloch, F. Müller, 1931.

GAWLER, Moses Leib, 1903— *La trypaflavine dans le traitement de la fièvre typhoïde. 54p. 8° Par., Le François, 1931.

GAWZE, Ruwim, 1909— *Les abcès du poulmon consécutifs à la dilatation des bronches (diagnostic) 78p. 8° Par., M. Vigné, 1934.

GAY, Edmondo. *Die Dauerresultate bei den Kindertuberkulosen der Bänder Heilstätte. 42p. 2 ch. 8° Zür., H. A. Gutzwiller, 1928.

Also *Schweiz. Zschr. Gesundheitsf.*, 1928.

GAY, Frederick Parker, 1874-1939. Agents of disease and host resistance; including the principles of immunology, bacteriology, mycology, protozoology, parasitology and virus diseases. xiii, 1581p. illust. pl. diagrs. roy. 8° Springf. Ill., C. C. Thomas [1935]

— The open mind: Elmer Ernest Southard, 1876-1920. 3 p. l. ix-xxiii, 324p. pl. portr. facs. 24½cm. [Chic.] Normandie House, 1938.

For biography see *Science*, 1939, 90: 290 (C. W. Jungblut)

GAY, Georges Henri, 1900— *De l'épilepsie cardiaque. 78p. 8° Par., L. Arnette, 1930.

GAY, Jean, 1913— *L'encéphalographie gazeuse par voie lombaire dans le diagnostic et la thérapeutique neurologiques [Lyon] 108p. 7 pl. 25cm. Bourg, Berthod, 1937.

GAY, Lucien, 1904— *A propos de 5 cas de fractures parcellaires, intra-articulaires, de la tête radiale. 50p. 6 pl. 8° Par., Vége, 1934.

GAY, Maurice, 1911— *Bactériémie et septicémies dans les acérotrekyoses humaines [Lyon] 61p. 8° Trévoux, G. Patissier, 1935.

GAY, Pierre, 1900— *A propos du traitement chirurgical des ulcères perforés gastroduodénaux; étude des statistiques du service du Dr Lapointe et du Dr Lagoutte au point de vue du traitement des ulcères perforés de l'estomac et du duodénum et en particulier des résultats obtenus par la suture simple. 152p. 8° Par., 1925.

GAY, Pierre, 1913— *Contribution à l'étude des accidents dentaires consécutifs aux malpositions de la dent de sagesse. 64p. 25cm. Par., Vigot frères, 1939.

GAYARRE y Espinar, Mignel —1936.

Carlán, D. [Neurología] *Siglo méd.*, 1936, 97: 433.

GAYDA, Tullio, 1882-1936.

Di Mattei, P. Commemorazione del Prof. Tullio Gayda.

Boll. Soc. med. chir., Pavia, 1936, 50: p. xli-lvii, portr.—

Ferrari, R. [Neurologio] *Biochim. ter. sper.*, 1936, 23: 197-201, portr.—**Herlitzka, A.** [Neurologio] *Gior. Accad. med.*

Torino, 1936, 99: 26-32.—**Mitolo, M.** Necrologia. Fisiol. & med., Roma, 1936, 7: 335-42.

GAYER, Isabella, 1887- *Die Vererbungspathologie der Haut in der ersten Hälfte des vorigen Jahrhunderts [München] 29p. 8°. Borna, R. Noske, 1926.

GAYER, Siegfried, 1901- *Zur Kenntnis der sogenannten Durchwanderungsperitonitis nach stumpfer Gewalteinwirkung auf die Bauchhöhle. 29p. 8° [Münch.] 1929.

GAYET, Alphonse Charles, 1833-1904. **Aurand, L.** Commemoration du centenaire du professeur Alphonse Gayet. Lyon méd., 1934, 153: 694-703.—**Bonnet, P.** [Biography] Biogr. méd., Par., 1935, 9: 97-112, 3 portr.

GAYET, René, 1892-1939. *Le fonctionnement endocrinien du pancréas et sa régulation sans le concours du système nerveux. 98p. 8°. Par., Masson & cie, 1928.

For biography see C. rend. Soc. biol., 1940, 133: 4. Also Paris méd., 1940, 116: 96, portr. (P. Carnot) Also Presse méd., 1940, 48: 341, portr. (L. Binet)

GAYET, Robert, 1911- *L'uretère intramural, étude anatomo-physiologique; troubles fonctionnels et leur traitement. 300p. 8°. Lyon, Bosc frères, 1937.

GAYLE.

See under Sheep.

GAYLER, Viktor, 1903- *Studien über den histologischen Aufbau der Zahngranulome [Tübingen] p.1451-65. 8°. Berl., J. Springer, 1930.

Also Deut. Mschr. Zahnk., 1930, 48:

GAYLER, Wenzel Carl, 1876- **Wenzel Carl Gayler, M. D.** President-elect, Missouri State Medical Association, 1929-30. J. Missouri M. Ass., 1929, 26: 342, portr.

GAYLORD, Harvey R[ussell] 1872- , & **MARSH, Millard C.** Carcinoma of the thyroid in the salmonoid. 1. 363-524p. 56 pl. roy. 8°. Wash., Gov. Print. Off., 1914.

Forms Doc. No. 790, U. S. Bur. of Fisheries.

GAYLORD Farm Sanatorium.

See under Wallingford, Conn.

GAYON, Leonard Ulysse, 1845-1929. **Dubaquie, M. J.** [Néerologie] Ann. falsif., Par., 1929, 22: 197-9.

GAYRARD, Yvon, 1900- *Les zones faiblement ossifiées des pariétaux. 81p. 25½cm. Par., L. Arnette, 1938.

GAYRAUD, Gaston, 1902- *Etude sur le lymphatisme; ses signes et ses complications; quelques comparaisons dans le règne animal. 51p. 8°. Par., M. Vigné, 1928.

GAZA, Wilhelm von, 1883- Grundriss der Wundversorgung und Wundbehandlung; sowie der Behandlung geschlossener Infektionsherde. x, 279p. 8°. Berl., J. Springer, 1921.

GAZANIOL, Aimée, 1905- *Le passé des mélancoliques. 85p. 8°. Lyon, Bosc frères, 1935.

GAZEAU, Marius, 1905- *Le traitement du rhumatisme articulaire aigu par les polysalicylates. 61p. diagr. 8°. Par., Mod. Impr., 1931.

GAZEL, Marie Joseph Edmond André, 1908- *Maladie de Nicolas-Favre et réaction de Frei. 68p. 8°. Par., Maloine, 1936.

GAZETA clinica. S. Paulo, v.23-32, 1925-34; v.36, 1938.

GAZETTE de Santé; à l'usage des gens du monde, des curés et des bienfaiteurs des pauvres. Par., v.1-3, 1833-35.

GAZETTE des hôpitaux [civils et militaires] Par., v.1, 1828-

GAZETTE hebdomadaire des sciences médicales de Bordeaux. Bord., v.1-47, 1880-1926.

GAZETTE médicale de France et des pays de langue française. Par., v.1, 1927-

Continuation of Gazettes (Les) médicales.

GAZETTE médicale de Strasbourg. Strash., v.72-81, 1913-23.

Continued as Strasbourg Médical.

GAZETTE médicale d'Orient. Pera, v.69-72, 1924-27.

GAZETTE odontologique. Par., v.1-3, 1879-81.

GAZETTES (Les) médicales. Par., v.85, 1914-27.

Continued as Gazette médicale de France et des pays de langue française.

GAZIER, Henri. Législation et jurisprudence des accidents du travail dans l'agriculture. 2 p. l. [ix]-xi, 411p. tab. 23cm. Par., Libr. Recueil Sirey, 1937.

See also **Sachet, A.** Traité théorique et pratique de la législation sur les accidents du travail. 8. éd. v.2-3. 22½cm. Par., 1936-37.

GAZIN, C[harles] Lewis, 1904- A study of the fossil horse remains from the upper pliocene of Idaho. p.281-320, 11 pl. 8°. Wash., 1936.

Forms No. 2985, v.83, Proc. U. S. Nat. Mus.

GAZZETTA degli ospedali e delle cliniche. Milano, v.40, 1919-

GAZZETTA internazionale di medicina e chirurgia. Nap., v.38, 1930-

GAZZETTA medica italiana. Tor., v.95, 1936-

GAZZETTA medica lombarda. Milano, v.78-94, 1919-35.

Continued as Gazzetta medica italiana.

GAZZETTA medica napoletana. Nap., v.2-7, 1919-24.

Ceased publication.

GAZZETTA medica di Roma [at head of tp.: Malpighi] Roma, v.45-60, 1919-34.

Ceased publication.

GAZZETTA medica siciliana. Catania, v.6-26, 1903-23.

GAZZOLO, Juan José. Tratado de las enfermedades de las vías genitourinarias. 3. ed. xvi, 890p. illust. pl. 27cm. B. Air., A. López, 1938.

GEACHAN, César, 1894- *Contributions à l'étude médico-légale du délirium tremens post-traumatique. 60p. 8°. Bord., Y. Cadoret, 1917.

GEBAERPAREISIS.

See Milk fever.

GEBARA, Elias, 1910- *Etude statistique des décollements prématurés du placenta observés sur un ensemble de 19.654 accouchements, 1928-38. 64p. 4 tab. 25cm. Lyon, Paquet, 1938.

GEBAUER, Alfred, 1909- *Untersuchungen über die Ausbildung des Hängebauches bei Schwangeren. 23p. 8°. Bresl., W. G. Korn, 1935.

GEBAUER, Benno, 1900- *Ueber die operative Ableitung pericarditischer Exsudate [Königsberg] 43p. 8°. Achim b. B., J. Buerfeind, 1934.

GEBAUER, Eckart, 1910- *Ein Beitrag zur Behandlung kindlicher Oberschenkelfrakturen [Greifswald] 35p. 8°. Pritzwalk, A. Tienken, 1935.

GEBAUER, Hans [Cuno Berthold Ewald] 1900- *Ostitis fibrosa und Sarkom [Leipzig] 20p. 8°. [Zeulenroda, A. Oberreuter] 1929.

GEBAUER, Helmut, 1908— *Zur Frage der Bradykardie nach Vitamin B-Mangel beziehungsweise der Unterernährung bei Ratten. 17p. 21cm. Bresl., 1937.

GEBAUER, Helmut, 1912— *Ein Beitrag zum angeborenen Schulterblatthochstand (Sprengel'sche Deformität) 34p. 8°. Berl., R. Pfau, 1937.

GEBAUER, Kurt [Hans Willy] 1899— *Traumatisches Larynxödem. 21p. 8°. Berl., E. Fering, 1927.

GEBEL, Georges. *Recherches sur les lésions pathologiques provoquées par les ascarides et sur la fréquence de ces vers dans le Canton de Genève. 31p. 8°. Genève, Payot & cie, 1931.

GEBEL, Marie, 1909— . *Die Bedeutung der vegetarischen Nahrung und der Rohkost für das menschliche Gebiss. 19p. 8°. Berl., Fürst, 1935.

GEBELE, Hans, 1902— *Plötzlicher Tod im Streit oder vorsätzliche beziehungsweise fahrlässige Tötung. 35p. 8°. Münch. [K. Wehrle] 1930.

GEBELE, H[ubert] 1873— Die Laparotomie und ihre Nachbehandlung. 4 p. l. 382p. 8°. Stuttg., F. Enke, 1927.

Forms Bd 38, Neue Deut. Chir. See also Prandtl, Wilhelm, Gebel, Hubert, & Fessler, Julius. Gaskampfstoffe und Gasvergiftungen [&c.] 90p. 8°. Münch., 1932.

GEBER, A. Moussah Djafar al-Safi. See Gabir, Abu Musa ibn Haiyan al-Azdi [al-Safi]

GEBERT, Alfred. Grundriss der Arzneimittellehre und Arzneimittelverordnung für Zahnärzte und Studierende der Zahnheilkunde. p. l. 3p. 167p. 8°. Berl., Berlin. Verl., 1931.

GEBERT, Fritz, 1909— *Experimentelle Untersuchungen zur Frage des Pulpenschutzes durch Lacke unter Silicatzementfüllungen. p. 193-212. 8°. Berl., [n. pub.] 1933.

GEBERT, Karl, 1906— *Die Atmung nach therapeutischen Salicylgaben. p. 147-57. 8°. Berl., J. Springer, 1931.

Also Zschr. klin. Med., 1931, 117:

GEBERT, Willy, 1908— *Ueber den Nachweis von Milchsäure bei der aeroben Glykolyse und ihre Beziehung zu den Atemgrößen [Berlin] 19p. 8°. Charlottenb., Gebr. Hoffmann, 1934.

GEBHARD, Bruno. Das Leben der Frau in gesunden und kranken Tagen. 2. Aufl. 230p. 2p. illust. pl. tab. 8°. Stuttg., Union Dent. Verl. [1937]

— **MICHAEL, Herbert** [et al.] Wunder des Lebens [5] 427 [2]p. illust. pl. 4°. Stuttg., Union Dent. Verl. [1936]

GEBHARD, Erwin, 1911— *Experimentelle Untersuchungen zur Frage des Wesens der Gewöhnung an den Aethylalkohol [Göttingen] 36p. 21cm. Hildesheim, C. Mann [1937]

GEBHARD, Hans, 1909— *Das Rectum-Carcinom an der chirurgischen Universitätsklinik Erlangen unter Prof. Graser und Prof. Goetze in den Jahren 1918-31 (eine statistische Erfassung der zur Behandlung und Operation gelangten Fälle mit besonderer Berücksichtigung der sakralen Operationsmethode) [Erlangen] 18p. 8°. Kallmünz, M. Lassleben, 1935.

GEBHARD, Ilse, 1898— *Vielfaches Auftreten von verschiedenartigen Geschwülsten innerhalb eines kurzen Zeitraumes. 15p. 8°. Münch. [n. pub.] 1926.

GEBHARD, Isolde, 1912— *Ueber das Antitoxinbildungsvermögen von Kindern nach überstandener toxischer Diphtherie. 20p. 23cm. Berl., F. Linke, 1939.

GEBHARD, Wilhelm, 1909— *Ein Fall von Heterotopie der grauen Hirnsubstanz [Würzburg] 8p. 2 l. 4 pl. 8°. Wertheim, E. Beckstein, 1935.

GEBHARDT, Erich, 1908— *Das kindliche Pleuraempyem und seine Behandlung mit Balkanol [Halle] 27p. 8°. Bleicherode, C. Nieft, 1934.

GEBHARDT, Friedrich Christoph, 1907— *Beitrag zur Pathologie der Littleschen Krankheit [Leipzig] 20p. 23½cm. [Zeulenroda, A. Oberreuter, 1936]

GEBHARDT, Fritz, 1906— *Die durchschnittliche Lebensdauer der nicht geheilten bestrahlten Uterus-Carcinome der Gruppen III und IV (Material 1920-28) 29p. 8°. Münch. [n. pub.] 1931.

GEBHARDT, Hans, 1911— *Die Aethyl-ester der Sulfoxylsäure, Aethylsulfinssäure und Aethylsulfensäure. 39p. 8°. Erlangen, M. Döres, 1937.

GEBHARDT, Hans [Gustav Franz Otto] 1886— *Der elektrische Nachweis der Spasmophilie bei den Fällen von sogenannten Initialkrämpfen älterer Kinder [Göttingen] 8p. 8°. Brünn, R. M. Rohrer, 1914.

GEBHARDT, Hans [Karl] 1903— *Zur Therapie des vaginalen Fluor. 31p. 8°. Würzb., H. Stürtz, 1929.

GEBHARDT, Kar, 1897— Chirurgische Krankengymnastik. 46p. 8° Lpz., J. A. Barth, 1931.

— Der Bandschaden des Kniegelenks. 59p. illust. 8° Lpz., J. A. Barth, 1933.

— Übungsbehandlung. 4p. 60p. illust. diags. 8° Jena, G. Fischer, 1934.

— Behandlung der Knochen- und Gelenktuberkulose nach den Erfahrungen von Hohenlychen vom November 1933 bis 1938. iv, 62p. illust. diagr. 23½cm. Lpz., J. A. Barth, 1939.

GEBHARDT, Heinrich, 1887— Grundriss der Pharmakologie, Toxikologie und Arzneiverordnungslehre. 9. neu bearb. Aufl. vii, 385p. 19½cm. Münch., R. Müller & Steinicke, 1938.

GEBHARDT, Robert, 1886— *Ueber die Schädelplastik nach Kopfschüssen [Erlangen] 20p. 8° Lpz., F. C. W. Vogel, 1919.

GEBHARDT, Wilhelm, 1888— *Ueber angeborene Zahnlosigkeit. 87p. 8°. Berl., 1932.

GEBHART, John Charles, 1887— The reasons for present-day funeral costs. 39p. 8° [n. p.] Advis. Com. on Burial Surv. [1928]

GEBLER, Johannes. Sanitäts-Lexikon; ein Nachschlagewerk für alle Sanitäts-Dienstgrade und Krankenträger der Wehrmacht, für Sanitätsmänner aller Organisationen, für Laienhelfer und Schwestern, sowie für alle hilfsbereiten Volksgenossen. 4. Aufl. 142p. illust. 16° Stuttg., Franckh [1937]

GEBSER, Gustav Friedrich, 1907— *Die Einwanderung des Silbers in Agar (ein Beitrag zur Frage der Oligodynamie) [Leipzig] 16p. 8° Zeulenroda, A. Oberreuter, 1934.

GEBSEKE, Gertrud, 1912— *Die Beeinflussung des Blutkalkspiegels durch perorale Verabreichung von Kalkpräparaten. 28p. 21cm. Bonn, A. Brand, 1937.

GEBURTSHILFE und Frauenheilkunde. Lpz. v.1, H. 1, 1939—

GECK, Kariheinz, 1910— *Versuche zur Differenzierung des Oxydationswertes bei der Untersuchung organischer Wasserverunreinigungen [Münster] 20p. 8° Quakenbrück, R. Kleinert, 1934.

GECKELER, Edwin Oscar, 1898—
Fractures and dislocations for practitioners. x, 252p.
illust. 8° Balt., W. Wood, 1937.

GECKO.

See *Lacertilia*.

GELOW, Leon, 1911— *Ueber die eosino-
philen Zellen im Auswurf bei Pneumonie [Zürich]
41p. 23cm. Lwów (Polen) O. Seiler, 1936.

GEDDES, George, 1868— Puerperal
septicæmia; its causation, symptoms, prevention
and treatment; being the substance of a thesis
submitted to the Royal Society of Medicine in
June, 1924. vi, 200p. 8° Brist., J. Wright &
Sons, 1926.

GEDDES, Patrick, 1854—1932.

See *Thomson, John Arthur*, & *Geddes, Patrick*. Life: out-
lines of general biology. 2v. 1515p. paged consec. 8° Lond.,
1931.

For biography see *Proc. R. Soc. Edinburgh*, 1931—32, 52:
452.

GEDEON, Maurice, 1903— *Etudes sta-
tistiques et démographiques de l'état sanitaire
des troupes françaises dans le Haut-Rhin depuis
la fin de la guerre. 46p. 8° Par., Libr. Le
François, 1932.

GEDLICH, Walther, 1901— *Ueber Ran-
kenhämangiome des Gehirns und ihre Kombina-
tion mit Hauthämangiomen. 22p. pl. 8°
Bresl. [n. pub.] 1932.

GEE, C[laude] A[lfred] H[earth] 1877—1938.

Obituary. *Bristol Med. Chir. J.*, 1938, 55: 145.

GEE, Samuel Jones, 1839—1911. Medical
lectures and aphorisms, with recollections by J.
Wickham Legg. 4. ed. viii, 408p. portr. 19cm.
Lond., H. Frowde [et al.] 1916.

For biography see *Ann. Int. M.*, 1937, 11: 387—99 (H.
Rolleston) Also *S. Barth. Hosp. J.*, Lond., 1936—37, 44: 217—21
(O. Garrod) Also *S. Barth. Hosp. Rep.*, Lond., 1938, 71: 229—
79, portr.

GEEDE, Hans, 1904— *Die Indikationen
des abdominalen Kaiserschnitts. 57p. 8°
Königsb., J. Raabe, 1929.

GEE-HERTER'S disease.

See *Celiac disease*.

GEELDIKKOP.

See *Photosensitization*; *Tribulus*.

GEELVINK, Leonhard, 1899— *Prüfun-
gen zu den Gebiss- und Unterkieferfragen am
Schwabe'schen und Fropriep'schen Schüller-
schädel. 43p. 21cm. Gött., Gött. Handelsdr.,
1937.

GEELVINK, Margarete, 1898— *Schick-
sal der in den Jahren 1931—35 in der medizinischen
Universitätsklinik und Poliklinik Tübingen beob-
achteten Basedow- und Thyreotoxikose-Kran-
ken. 19p. 21cm. Tüb., Böhlze, 1938.

GEER, Laurence P.

See *Prescott, Samuel C.*, & *Geer, Laurence P.* Observations
on food poisoning organisms [etc.] 4p. 4° N. Y., 1936.

GEERING, Rudolf. *Zange und Kindersterb-
lichkeit von 1917—23 im Basler Frauenspital.
23p. 8° Basel, E. Birkhäuser & cie, 1925.

GEERKEN Saladrigas, Reynaldo, 1911—
*Les lésions cutanées escharotiques du barbi-
turisme. 58p. 8° Par., E. Le François, 1937.

GEERLING, Johannus Gerhardus. *Sclerosis
annularis valvularum [Groningen] 56p. 8°
[Leeuwarden, B. B. Westerhuis] 1929.

GEERS, Anton, 1903— *Kritische Be-
trachtungen über echte und unechte sogenannte
Progenie beim Menschen [Münster] 41p. 8°
Quakenbrück, R. Kleinert [1935]

GEERTHSEN, Jakob [Andreas] 1899—
*Entstehung und Häufigkeit des Cholesteatoms
im kindlichen Schläfenbein. 22p. 8° Kiel, J.
Sievers, 1930.

GEESINK, Abraham. *Nephrolithiasis. x,
104p. pl. roy. 8° Amst., Scheltema & Holkema,
1928.

GEESMANN, Wilhelm, 1901— *Die
Entwicklung des Medizinalwesens im Veste
Recklinghausen unter besonderer Berücksichti-
gung der Entwicklung des Prospherhospitals.
42p. 8° Würzb., C. J. Becker, 1931.

GEE-THAYSEN'S disease.

See *Celiac disease*—in adults.

GEFEL, Alexandre, 1914— *Les anémies
des cirrhotiques. 55p. 23½cm. Par., L. Rod-
stein, 1939.

GEFFNER [Paul Gerhard] Herbert, 1913—
*Spontangangrän der Jugendlichen. 32p. 23cm.
Lpz., A. Edelmann, 1937.

GEFFNER, A. Adolf, 1907— *Operative
Erfolge bei Hoden- und Nebenhodentuberkulose.
22p. 8° Heidelb., A. Lippl, 1934.

GEFFRIAUD, Marcel, 1911— *Contribu-
tion à l'étude physio-pathologique des pigmen-
tations cutanées. 61p. 24cm. Par., M. Vigné,
1939.

GEFARD, J. Causes and treatment of sterility
in both sexes: fecundation by artificial methods;
transl. from the French by Charles Everett
Warren. 552p. 16° Bost., Internat. Med.
Exchange, 1891.

GEGENBAUER, Viktor, 1884—1939.

Reichel, H. Viktor Gegenbauer und sein Werk. Wien.
klin. Wschr., 1939, 52: 384—8.

GEGENBAUR, Carl, 1826—1903.

Maurer, F. [Biography] *Jena. Zschr. Naturwiss.*, 1925—26,
62: 501—18, 3 portr.

GEGENBAURS morphologisches Jahrbuch.
Lpz., v.59, 1928—

See also *Morphologisches Jahrbuch*.

GEGENHEIMER, Vida, 1886— *Studies
on the quantitative estimation of the cystine
content of casein [Columbia Univ.] 25p. 8°
N. Y., 1925.

GEGERMACHER, Raymond, 1887—
*Contribution à l'étude clinique et statistique
des dyspepsies. 70p. 8° Par., M. Vigné, 1935.

GEGHRE, Marcel, 1907— *L'emphysème
sous-cutané spontané dans les affections pul-
monaires. 65p. 25½cm. Lyon, Sibilat, 1938.

GEGUNS, Erna, 1907— *Radiumschädi-
gung des Rektums. 24p. 8° Königsb., R.
Leupold, 1934.

GEHAN, Henri Louis, 1906— *Enquête
sur les déclarations de décès par cancer dans le
département de la Mayenne [Paris] 59p. 8°
Rennes, Impr. L'Oeust-Jour., 1936.

GEHE & Co. *Gehes Codex der pharmazeuti-
schen und organotherapeutischen Spezialprä-
parate*. 6. Aufl. 3v. 8° Dresden, Schwarzeck-
Verlag, 1933—35.

GEHL, Otto [Christian Heinrich] 1902—
*Postglaziale Haushunde aus Schleswig-Holstein;
nebst einem Beitrag zur Canidenosteometrie.
69p. 8° Kiel, 1929.

GEHL [Sophie] Charlotte [Elfriede] 1902—
*Untersuchungen über den respiratorischen Gas-
stoffwechsel der Schwangeren [Freiburg i. B.]
13p. 8° Glückstadt, J. J. Augustin [1930]

GEHL, Walter [Hellmuth] 1905— *Ueber
einen Fall von malignem nasopharyngealem
Chordom. 28p. 8° Freib. i. B., K. Henn,
1929.

GEHLER [Emma Margarethe] Hilde[gard] 1908— *Diagnostische und therapeutische Irrtümer auf Grund des Röntgenbildes [Leipzig] 16p. 8°. Zeulenroda, A. Oberreuter, 1933.

GEHLER, Heinz, 1909— *Zahnkaries bei Schulkindern des Hochschwarzwaldes; auf Grund von Reihenuntersuchungen in 30 Ortschaften des Amtsbezirkes Neustadt. 23p. 22½cm. Freib. i. B., Weis, Mühlhans & Rapp, 1937.

GEHLERT, Gottfried, 1906— *Beitrag zum Tasterkennen in der Mundhöhle [Würzburg] 11p. 8°. Münch., J. F. Lehmann [1933] Also Zschr. Biol., 1932, 93:

GEHLHAAR, Dorothea Gerda, 1907— *Beobachtungen über Ursachen und Häufigkeit der Zahnkaries im Kindesalter. 31p. 8°. [Berl., n. pub., 1934]

GEHLHAAR [Hugo] Gottfried, 1910— *Die Hygiene der Stadtrand siedlung unter besonderer Berücksichtigung Nordsachsens. 36p. 8°. Zeulenroda, A. Oberreuter, 1935.

GEHORSAM, Elsbeth, 1907— *Das primäre Scheidensarkom und seine Behandlung. 12p. 8°. Münch., R. Müller & Steinicke, 1932.

GEHR, Albert, 1907— *Zusammenhang zwischen Diagnose und Erscheinungsformen von extramedullären Rückenmarkstumoren und ihre operative Behandlung nach einem Fall auf der chirurgischen Abteilung des städtischen Krankenhauses zu Augsburg [München] 18p. 8°. Bottrop, W. Postberg, 1936.

GEHR, Josef, 1910— *Zur Frage der ursächlichen Bedeutung der Tuberkulose für die multiple Sklerose. 28p. 21cm. Erlangen, M. Krah, 1938.

GEHRIG, Kurt, 1899— *Zwanzig Jahre Gaumenspaltenoperation an der chirurgischen Universitätsklinik zu Erlangen. 31p. 8°. Erlangen, K. Döres, 1931.

GEHRIG, René, P. *Ueber medicamentöse Leukocytose; literarische Uebersicht nebst eigenen Versuchen über die Beeinflussung der Leukocyten durch einige Antipyretica [Bern] 31p. 8°. Berl., L. Schumacher, 1915.

Also Zschr. exp. Path. Ther., 1914-15, 17:

GEHRING, Anna, 1904— *Ueber chronische interstitielle, granulierende Entzündung aktinomykotischer Natur in den grossen Mundspeicheldrüsen. 20p. 8°. Würzb., C. J. Becker, 1928.

GEHRING, August, 1909— *Beitrag zur Klärung der Frage, ob die Zähne in Form von Kontaktpunkten oder von Kontaktflächen aneinanderliegen. 14p. 8°. Würzb., R. Mayr, 1932.

GEHRING, Klaus [Eugen] 1907— *Untersuchungen über das Blutbild der Hündin vom geburtshilflich-gynäkologischen Standpunkt. 84p. 8°. Lpz., A. Edlmann, 1931.

GEHRKE, A[lexander] See Bier, August, Gehrke, A. [et al.] Ueber Organhormone und Organtherapie. 91p. 8°. Münch., 1929.

GEHRKE, Alexander, 1893— *Aufgeplatzte Laparotomiewunden mit Vorfall oder Freiliegen der Eingeweide. 95p. 8°. Lpz., A. Edlmann, 1938.

GEHRKE, Helmut, 1907— *Die Stomatitis aphthosa in ihren trophoneurotischen Beziehungen zur Eklampsie. 28p. 22cm. Greifsw., H. Adler, 1938.

GEHRKE, Hildegard, 1911— *Untersuchungsmethoden der Mundhöhle. 30p. 8°. Münch., Buchdr. Hohenhaus, 1936.

GEHRKE [Karl Friedrich] Helmut, 1908— *Ueber die Adenofibrosis des Nabels [Berlin] 40p. 8°. Freib. i. B., K. Henn, 1934.

GEHRKE, Werner, 1906— *Beitrag zur Erkenntnis seltenerer Kiefertumoren (Adamantinom) 10p. 8°. Greifsw., H. Adler, 1935.

GEHRKE, Willy [Karl Bernhard] 1908— *Physiognomische-psychologische Veränderungen bei oralen Erkrankungen unter besonderer Berücksichtigung bei pathologischen Erscheinungen an den Kiefern und Zähnen. 36p. 8°. Lpz. [n. pub.] 1932.

GEHRMANN, Helmut, 1912— *Ueber den Mineralstoffwechsel des Menschen; die Wirkung von Phosphorsäure, Ammoniumphosphat, Magnesiumchlorid und Magnesiumphosphat auf den Säure-Basen-Haushalt [Jena] 21p. 22cm. Eislefeld, C. Beck, 1938.

GEHRY, Karl. *Zur Histopathologie der tuberculösen Meningitis. [Zürich] 22p. pl. 8°. Berlin, L. Schumacher, 1908.

Also Arch. Psychiat., 1908, 45:

GEIB, Hans, 1912— *Ueber Verzögerung von Frakturheilungen während Schwangerschaft und Laktation [Heidelberg] 20p. 8°. Speyer, Pilger, 1938.

GEIB, Heinrich, 1908— *Ein Fall von Uterus-, Rektum- und Mammakarzinom bei einer Patientin [München] 39p. 8°. Speyer, Pilger, 1937.

GEIB, Karl, 1909— *Ueber die in den letzten Jahren an der Universitäts-Augenklinik zu Würzburg beobachteten Fälle von Retinitis diabetica. 16p. 8°. Würzb., G. Grasser, 1935.

GEIER, Franz, 1909— *Beitrag zur Bestimmung von Geruchsschwellen. 19p. 22½cm. Würzb., R. Mayr, 1936.

GEIER, Paul, 1907— *Die Phrenikusexhairese in der Lungentuberkulose. 17p. 8°. Münch., H. Händl, 1935.

GEIER, Willy, 1902— *Röntgenologische Untersuchungen an wurzelbehandelten Zähnen mit besonderer Berücksichtigung des Einflusses der Wurzelbehandlung auf das Periodontium und das periapicale Gewebe. 34p. 4 pl. 8°. Tüb., E. Göbel, 1931.

GEIGEL, Richard, 1859-1930. Kriegsverwendbarkeit bei inneren Krankheiten. p.269-95. 8°. Würzb., C. Kabitzsch, 1917.

Forms Heft 12, v.16, Würzb. Abh. prakt. Med.

— Gehirnkrankheiten. viii, 337p. roy. 8°. Münch., J. F. Bergmann, 1925.

For biography see Münch. med. Wschr., 1931, 78: 624-7. portr. (J. Müller)

GEIGER, Alois, 1890— *Ueber die Bedeutung der Inanition für die Chirurgie. 22p. 8°. Würzb., C. J. Becker, 1925.

GEIGER, Charles George, 1865— Modern operative bone surgery; with special reference to the treatment of fractures. xv, 286p. illust. 24cm. Phila., F. A. Davis Co., 1918.

GEIGER, Eleonore, 1912— *Der feinere Aufbau des Zahnsteins [Würzburg] 23p. 8°. Zeulenroda, B. Sporn, 1935.

GEIGER [Heinrich Wilhelm] Friedrich, 1910— *Zur Bewertung der Wasserstoffionenkonzentration (p_H) für die Untersuchung animalischer Lebensmittel und Untersuchungen über die Wasserstoffionenkonzentration im Rindereutern [Giessen] 36p. 8°. Würzb., K. Triltsch, 1936.

GEIGER, Helene, 1903— *Beobachtungen über motorische Infantilismen und Magennussche Reflexe bei entwicklungsgehemmten und cerebral geschädigten Kindern [Bonn] p.280-92. 8°. Berl., J. Springer, 1931.

Also Zschr. ges. Neur. Psychiat., 1931, 133:

GEIGER, Herbert, 1904— *Ein Fall von Sarcoma idiopathicum multiplex haemorrhagicum Kaposi. 16p. 8°. Freib. i. B. [n. pub.] 1930.

GEIGER, Hermann. *Ueber das Schicksal der Blutversorgung in Schilddrüsen nach Strumektomien; mit Bemerkungen über die neuen Schilddrüsenkapsel [Basel] 26p. 8°. Berl., L. Schumacher, 1924.

Also Bruns Beitr., 1925, 133: H. 4.

GEIGER, Herward, 1911— *Absorptionsspektren von Farbstoffen der Bilirubinreihe (Bilirubin, Mesobilirubin, Mesobilirubinogen, Xanthobilirubinsäure, Neoxanthobilirubinsäure und deren Oxydationsstufen) [Jena] 28p. 8°. Eisfeld, C. Beck, 1936.

GEIGER, Jacob Casson, 1885— Health officers' manual; general information regarding the administrative and technical problems of the health officer. 1 p. l. 148p. illust. diagr. 20cm. Phila., W. B. Saunders Co., 1939.

GEIGER, Josef, 1911— *Geschichte des Rottaler Pferdes [München] 77p. 21cm. Quakenbrück, R. Kleinert, 1938.

GEIGER, Julius, 1899— *Die Rachitis und ihre Folgen für das Zahnsystem. 32p. pl. 8°. Würzb., R. Mayr, 1933.

GEIGER, Kurt, 1911— *Sozialhygienische Untersuchungen in der Kleinsiedlung München-Neuherberge [München] 40p. 8°. Lengerich, Lengerich. Handelsdr., 1937.

GEIGER, Margareta, 1900— *Ueber einen Fall von Alveolarchinokokkus der Leber, mit Durchbruch in die Pleura und Metastase im Gehirn. 26p. pl. 8°. Zür., Wolfsberg, 1932.

GEIGER, Oskar, 1906— *Untersuchungen über die Einwirkung von Atropin auf die Wasserabgabe bei erkrankter Haut [München] 14p. 8°. Günzb., K. Mayer, 1933.

GEIGER, Werner, 1910— *Blasenektomie [Heidelberg] 24p. 8°. Düsseld., H. G. Nolte, 1938.

GEIGER, Wilhelm, 1905— *Ueber das Verhalten der elastischen Fasern in Lippen-schleimhaut und Zahnfleisch bei fortschreitendem Lebensalter [Erlangen] 21p. 8°. Forchheim, F. A. Streit, 1930.

GEIGERIA.

See also Fodder, Poisoning.

De Waal, H. L. On the constitution of the bitter principle geigerin; the isolation of various degradation acids. Onderstepoort J. Vet. Sc., 1938, 2: 395-410.—**Rimington, C., & Roets, G. C. S.** Chemical studies upon the vermeerbos, Geigeria aspera Harv.; isolation of a bitter principle, geigerin. Ibid., 1936, 7: 485-506. — **Steyn, Douw G.** Isolation of the active principle, vermeeric acid. Ibid., 507-20.

GEIGY, Alice. *Beiträge zur Frage der glykolytischen Wirkung des Blutes [Zürich] 40p. 8°. Brugg, 1927.

GEIGY, Karl Felix. *Die Anatomie des Exophthalmus pulsans. 38p. 8°. Basel, B. Schwabe & Co., 1931.

GEIH, Hermann, 1902— *Studien über Enterococcen. 23p. 20½cm. Königsb., J. Raabe, 1936.

GEILEN, Elisabeth, 1898— *Beitrag zur Therapie des chronischen Morphinismus. 24p. 8°. Kiel, C. Donath, 1925.

GEILING, E. M. K., JENSEN, H., & FARRAR, G. E. Insulin. p.197-279. illust. tab. 8°. Berl., J. Springer, 1937.

In Handb. exp. Pharm. Ergänzw. (Heubner, W. & Schüller, J.) Berl., 1937, 5:

GEILINGER, Max. Das Spiel vom Paracelsus; in drei Akten. 40p. 22½cm. Zür., Rascher, 1938.

GEILINGER, Walter, 1887-1938.

Sigg. Nekrolog. Schweiz. med. Wschr., 1938, 68: 1279.

GEILL, Torben, 1896— A short biography of Oluff Borch. p.122-30. 27½cm. Kbh., Levin & Munksgaard, 1938.

In Subacute & chronic pericardial & myocardial lesions (E. J. Warburg) 1938.

GEINITZ, Hans, 1912— *Ueber den Grund der Totgeburt und die Ursache der Frühsterblichkeit bei operativer Entbindung [Leipzig] 28p. 23½cm. [Zeulenroda, A. Oberreuter] 1936.

GEIPEL, Adolf, 1902— *Die hervorragenden Männer der deutschen Stämme; ein Beitrag zur geistigen Anthropologie als Grundlage einer deutschen Rassenhygiene [Leipzig] 27p. 2 tab. 8°. [Zeulenroda, A. Oberreuter] 1929.

GEIPEL, Georg. Anleitung zur erbbiologischen Beurteilung der Finger- und Handleisten. 80p. illust. diagrs. 8°. Münch., J. F. Lehmann, 1935.

GEIPING, Hildegard [Maria Theresia] 1901— *Die klinische Bedeutung anomaler Gallenblasenverbindung mit Duodenum und Colon (anomalies Ligamentum hepatoduodenale) [Kiel] 21p. 8°. Sendenhorst, F. Pöttken [1930]

GEIRINGER, Arthur, 1888— Common sense health. xi, 208p. 8°. N. Y., F. S. Crofts & Co., 1927.

GEIS, Emma, 1906— *Ueber die Insulinwirkung auf die Magensekretion. 25p. incl. 5 tab. 8°. Bonn, H. Trapp, 1936.

GEIS, John F. Manual of physiological and clinical chemistry. 216p. 8°. [Indianapolis, n. pub.] 1902.

GEISBOECK'S disease.

See Erythremia, hypertonic [Gaisböck]

GEISEL, Ernst, 1902— *Untersuchungen über die Vitasterinschädigung an den Kiefern, den Zähnen und Weichteilen der Mundhöhle von Katzen [Göttingen] 17p. 8°. Bad Salzdetfurth, R. Giesecke, 1933.

GEISEL [Heinrich] Ludwig [Gustav] 1897— *Folgeerscheinungen der zahnärztlichen Anästhesie; mit besonderer Berücksichtigung der Adrenalinwirkung auf das Gefäßsystem und deren Vermeidung. 30p. 8°. Frankf. a. M., L. Hess, 1926.

GEISELER, Rudolf, 1909— *Das maligne Adamantinom. 30p. 8°. Berl., R. Pfau, 1935.

GEISENDORF, Ferdinand, 1908— *Ueber Lunatum-Malacie. 21p. 8°. Königsb., J. Raabe, 1935.

GEISENDORF, William. *L'accouchement dirigé. 48p. 8°. Genève, P. Richter, 1936.

GEISER, Elisabeth, 1910— *Ueber Thyreoglossuszysten mit Bericht über zwei eigene Fälle [Heidelberg] 16p. 8°. Würzb., K. Triltsch, 1934.

GEISER, Josef, 1901— *Beitrag zur Neugeborenenernährung [Zürich] 24p. 8°. Sempach-Station, Schnarwiler, 1930.

GEISER, Otto. *Zur Aetologie des tiefen Querstandes. 20p. 8°. Basel, G. Hofmeier, 1937.

GEISER, Samuel Wood, 1890— Syllabus of practical exercises in invertebrate micrology; Southern Methodist University. 16p. roy. 8°. Ann Arb., Mich., Edwards Bros., 1934.

GEISH, Friedrich Wilhelm, 1908— *Ueber die operative Therapie des sogenannten Cardiospasmus [Halle] 19p. 8°. Würzb., K. Triltsch, 1933.

GEISHA.

See also **Prostitute; Prostitution.**

Friedländer, H. E. Die japanischen Geishas. Erdball, 1928, 2: 172-7.—**Hessen, R.** Prostitution in Japan. Neue Generation, 1908, 4: 92-9.—**Japanerin** (Die) als Prostituierte und die Prostitution in Japan. Münch. med. Wschr., 1908, 55: 748-51.—**McMurtrie, D. C.** Prostitution in Japan. N. York M. J., 1913, 97: 278-81. Also repr.—**Minami, S., & Loewenstein, G.** Prostitution und Geschlechtskrankheiten in Japan. Mitt. Deut. Ges. Bekämpf. Geschlkr., 1927, 25: 41-50.—**Rossen, E.** Die japanische Prostitution, ihre Entwicklung und ihr gegenwärtiger Stand. Derm. Wschr., 1914, 58: 254-63.

GEISHECKER, Hermann, 1902- *Beitrag zur Pathologie, Klinik und Therapie des Blasendivertikels. 21p. 8°. [Berl., n. pub.] 1930.

GEISINGER Memorial Hospital.
See Danville, Pa.

GEISLER, Carlo, 1907- *Untersuchungen über die Wirkung des Ostseeklimas auf gesunde und kranke Kinder. 20p. 8°. Rostock, C. Hinstorff, 1934.

GEISLER, Charlotte, 1910- *Ueber Kehlkopfpapillome bei Erwachsenen [München] 43p. 22cm. Würzb., R. Mayr, 1937.

GEISLER, Erika. Die Bedeutung der konstitutionellen Disposition für die Erlangung einer schweren Staublungenerkrankung und die Auswirkung dieses Faktors auch in sozialer Beziehung. 34p. 8°. Jena, G. Fischer, 1937.
Forms Heft 41, v.9, Veröff. Konst. Wehrpath.

GEISLER, Eva, 1901- *Vasoneurotische Konstitution im Kindesalter. 31p. 8°. Bresl., A. Schreiber, 1929.

GEISLER, Herbert, 1905- *Die Heilfolge nach der Ueberpflanzung des Caput humeri auf den Schaft im Anschluss an Luxationsfrakturen im Collum anatomicum und chirurgicum [Berlin] 52p. 8°. Charlottenb., Gebr. Hoffmann, 1932.

GEISLER, Werner [H. W.] 1901- *Sarcoma corporis uteri mit durchweg rhythmischer Struktur. p.452-66. 8°. Berl., J. Springer, 1926.
Also Arch. Gyn., 1926, 128:

GEISLER, Wolfgang, 1903- *Eosinophile Reaktion im weissen Blutbild und Erythroscintimetrie bei Arthritikern nach plasmotropen Reizen [Leipzig] 20p. 8°. [Zeulenroda, A. Oberreuter] 1929.

GEISMAR, Pierre, 1911- *Importance de la sphygmomanométrie dans le diagnostic du rétrécissement aortique pur ou associé à l'insuffisance aortique. 63p. 25cm. Par., Vigot frères, 1939.

GEISMAR, Theresia, 1903- *Ueber die Zunahme der Lungenembolien und Thrombosen. 16p. 8°. Münch., 1929.

GEISS, Friedrich, 1910- *Ueber 3 Fälle von entzündlichem Hydrocephalus und ihre Behandlung. 31p. 8°. Erlangen, M. Döres, 1937.

GEISSBERGER, Grete, 1909- *Das kindliche Empyem; Statistische Zusammenstellung von 181 Fällen von kindlichem Empyem, beobachtet im Kinderspital Zürich in den Jahren 1913-33. 36p. 8°. Zür., Fluntern, 1936.

GEISSE, Fritz, 1907- *Tyroxinnachweis im Blute auf Grund des Verhaltens des Leberglykogens bei weissen Mäusen. 27p. 8°. Frankf. a. M., Voigt & Gleiber, 1931.

GEISSELÖDER, Theo, 1900- *Zwei Fälle von Pankreasnekrose [Erlangen] 29p. 8°. Celle, A. Pohl, 1927.

GEISSENDOERFER, H[einrich] 1904- *Ueber den Einfluss von Bädern auf den Strahlungs-

ungsverlust des Menschen. 18p. 8°. Würzb., C. J. Becker, 1931.

GEISSENDOERFER, Rudolf, 1902- *Die Prognose der Oesophagusverätzungen [Kiel] 48p. 8°. Nürnberg, J. L. Stich, 1926.

— Thrombose und Embolie; kritische Betrachtungen und Untersuchung zur Frage der Thrombose und Embolie. viii, 159p. tab. diagr. 8°. Lpz., J. A. Barth, 1935.

— Diagnostisch-therapeutische Technik für den Chirurgen. xxiv, 509p. illust. pl. 8°. Lpz., J. A. Barth, 1937.

GEISSER, Leo, 1907- *Acute gelbe Leberatrophie und Schwangerschaft [Zürich] 35p. 8°. Uznach, K. Oberholzer, 1935.

GEISSLER, Gerhard, 1898- *Beiträge zur Splenektomie [Leipzig] 20p. 8°. [Zeulenroda, A. Oberreuter, 1930]

GEISSLER, Heinz, 1910- *Kritik an den Inlaymethoden nach Boisson und Chayes [Bonn] 47p. 8°. Hersfeld, L. Funk, 1936.

GEISSLER, Helmut, 1910- *Trachealstenosen [Heidelberg] 101p. 8°. Coburg, Tageblatt-Haus, 1935.

GEISSLER, Helmut [Paul] 1911- *Reihenweise Röntgenuntersuchungen des Heilverlaufs nach Zahnextraktionen [Tübingen] 43p. 8°. Marbach-N., A. Remppis, 1936.

GEISSLER [Kurt] Erich, 1911- *Zum Beleuchtungsproblem in der zahnärztlichen Praxis. 28p. 23cm. Lpz., A. Edelmann, 1936.

GEISSLER, Li[else], 1904- *Ueber die Verunreinigung frischer Gemüse durch Darmbakterien, ihre Bedeutung als Ueberträger von Infektionskrankheiten und die Möglichkeit ihrer Desinfektion [Heidelberg] 31p. 8°. Karlsruhe, Macklot, 1938.

GEISSLER, Robert, 1911- *Untersuchungen über die neuzeitliche Auffassung der Epuliden [München] 16p. 8°. Waldfischbach-Pfalz, G. Hornberger, 1936.

GEISSLER, Walter, 1900- *Ueber das Auftreten von malignen Tumoren bei Hypertonie. 12p. 8°. Frankf. a. M., H. Münch, 1934.

GEISSOSPERMUM.

See also **Apocynaceae.**

Raymond-Hamet. Le Geissospermum laeve (Vellozo) Baillon; ses alcaloïdes et leurs réactions colorées. Bull. sc. pharm., Par., 1937, 44: 449-70.—**Rothlin & Raymond-Hamet.** De l'action inhibitrice exercée par la geissospermine sur les effets utéro-moteurs de l'adrénaline. C. rend. Soc. biol., 1933, 114: 1314.

GEIST, Emil S., 1878-1933. [Obituary] J. Bone Surg., 1933, 15: 811. Also Minnesota M., 1933, 16: 441.

GEIST, Max, 1913- *Gerichtsmedizinische Gesichtspunkte bei der Beurteilung der Alkoholwirkung bei Verkehrsunfällen und Voraussetzungen zur technisch einwandfreien Durchführung der Begutachtung. 27p. 21cm. Würzb., M. Sturm, 1937.

GEIST, Samuel Herbert, 1885- , **SALMON, Udall J.** [et al.] Anniversary volume for Robert Tilden Frank; by his colleagues, collaborators, associates and friends, June 1937. 377p. illust. port. tab. roy. 8°. S. Louis, C. V. Mosby [1937]

GEISTER, Carl H[enry] 1895- Condition of floors after continued service; a progress report presented at the American Hospital Association, Louisville, Ky., October 22, 1925. p. 1. 9p. 8°. [Chic.] Am. Hosp. Ass., 1925.

GEISTHOEVEL, Werner, 1905- *Ueber Bronchuskarcinom insbesondere mit Entfernung

des Mittellappens [Kiel] 30p. 3 pl. 8°
Düren-Rhld., M. Danielewski, 1932.

GEISZ, Pierre, 1903— *Contribution à l'étude de la cholécysto-gastrostomie. 64p. 8°
Par., M. Vigné, 1930.

GEITHNER, Richard, 1902— *Die Erfolge der Strahlentherapie bei Myomen und haemorrhagischen Metropathien in den Jahren 1922-27 [Würzburg] 12p. 2 l. 8°
Berl., H. Kornfeld [1928]

GEITLER, Lothar, 1899— Chromosomenbau. vii, 190p. illust. 22½cm. Berl., Gebr. Borntraeger, 1938.

Forms Bd 14, Protoplasma-Monographien (R. Chambers [et al.])

GEITNER, Ferdinand, 1911— *Ueber die Sechsjährigen-Stellung im Oberkiefer als diagnostisches Hilfsmittel in der Kieferorthopädie. 39p. 8°
Erlangen, Tageblatt-Haus, 1936.

GEITNER, Werner, 1908— *Das perforierende Brennen im Bereiche des Kniegelenks beim Hunde [Giessen] 25p. 8°
Würzb., K. Triltsch, 1932.

— *Zwei Fälle schwerer Herzschiädigung nach starker körperlicher Anstrengung [Berlin] 16p. 8°
Duderstadt, F. Wagner, 1935.

GEITZ, Carl, 1899— *Ueber Jodausscheidung nach Einspritzung kleiner Jodkaliummengen. 8p. 8°
Giessen, R. Lange, 1925.

GEITZ, Nadine B. Social hygiene nursing techniques; a manual of procedure in the diagnosis, treatment and public health control of syphilis and gonorrhea. p. l. 82p. form. 23cm. N. Y., Am. Social Hyg. Ass. [1938]

GEL.

See Colloid, Gel.

GELAS, Fernand, 1907— *Contribution à l'étude de l'asthme d'origine appendiculaire. 40p. 8°
Par., Impr. Grou-Radenez, 1933.

GELASMA.

See also Hysteria; Laughter; Psychoneurosis.

Andersen, C. Crise de rire spasmodique avant décès; hémorragie thalamique double. J. belge neur. psychiat., 1936, 36: 223-7.—**Deroubaix, A.** Le rire et le pleurer spasmodiques. J. neur. psychiat., Brux., 1906, 11: 81-8.—**Dimitri, V.** Accesos de risa espasmódica en 2 casos de esclerosis en placas. Arch. argent. neur., 1935-36, 13: 3-40. Also Rev. As. méd. argent., 1935, 49: 1603-39.—**Edel, M.** Ueber Schlaf- und schlafähnliche Anfälle, insbesondere bei Narkolepsie und traumatischer Epilepsie mit Lachkrämpfen. Allg. Zschr. Psychiat., 1929-30, 92: 160-73.—**Mingazzini, G.** Ueber das Zwangswellen und -lachen. Wien. klin. Wschr., 1928, 41: 998-1002.—**Pilcz, A.** Ueber einen ungewöhnlichen Fall von Lachzwang. Wien. med. Wschr., 1937, 87: 790.

GELASSIN, Paul, 1895— *De l'inspection des tueries particulières et des animaux abattus sur place pour la consommation [Alfort] 62p. 8°
Bord., J. Bière, 1934.

GELATIN.

See also Collagen; Colloid; Gelatinase; Glutin; Photography.

Adant. L'azoprotéine gélatine, analine. C. rend. Soc. biol., 1930, 103: 541-3.—**Jensen, V.** Ueber Gelatine. Acta path. microb. scand., 1931, 8: 81-6.—**Khenokh, M. A.** [Biochemical processes in the gelatin industry] Mikrobiologia, Moskva, 1937, 6: 245-53.—**Kingston, H. L., & Schryver, S. B.** Investigations of gelatin. Biochem. J., Lond., 1924, 18: 1070; passim.

Chemical properties.

Bergmann, M. Complex salts of amino acids and peptides; determination of l-proline with the aid of rhodanilic acid, the structure of gelatin. J. Biol. Chem., 1935, 110: 471-9. Also repr.—**Beutner, R.** Average valence of the gelatin ion determined by a modified theory of membrane equilibrium. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 692.—**Bigwood, E. J., & Melot, G.** Du degré de concentration de la matière protéique dans la gelée de gélatine. C. rend. Soc. biol., 1930, 104: 326-

9.—**Cattelain, E.** Analyse des cendres de gélatine. J. pharm. chim., Par., 1924, 7. ser., 29: 414-7.—**Daft, F. S.** A study of factors said to influence the nitrogen distribution of gelatin. Biochem. J., Lond., 1929, 23: 149-60.—**Davis, H. L., & Ackerman, J. W.** The effect of gelatin and salts on Congo red. J. Phys. Chem., 1931, 35: 972-87.—**Ferguson, A. L., & Schluchter, A. W.** The combining weight of gelatin as an acid. J. Gen. Physiol., 1932, 15: 463-75. — The mobility of the gelatin ion. Ibid., 477-85. Also repr.—**Fodor, A., & Epstein, C.** Ueber die chemische Struktur der aus Gelatine und Gelatinepepton gewinnbaren assoziativen Bestandteile; Fraktionierung des Gelatinepeptons und die chemische Struktur der Fraktionen. Biochem. Zschr., 1930, 228: 310-4, tab. — Ueber die Natur der aus mit Glycerin abgehaute Gelatine durch Essigsäureanhydrid erhaltbaren acetylierten Peptidassoziate. Ibid., 315-26, tab.—**Galinsky, A.** The effect of light and salts on gelatin. Biochem. J., Lond., 1930, 24: 1706-15.—**Halpern, L.** Distribution of hydrochloric acid in gelatine gels. J. Gen. Physiol., 1931, 14: 575-81.—**Herzog, R. O., & Cohn, H.** Bemerkung über das Molekulargewicht von Gelatine in Kresol. Zschr. physiol. Chem., 1927, 169: 305.—**Hess, K., & Trogus, C.** Beitrag zur Kenntnis von Gelatine. Biochem. Zschr., 1933, 262: 131-6.—**Hitchcock, D. I.** The combination of a standard gelatin preparation with hydrochloric acid and with sodium hydroxide. J. Gen. Physiol., 1931, 15: 125-38. Also repr.—**Lottermoser, A., & Matthes, W.** Ueber die Einwirkung von Kalialaun auf Gelatine. Kolloid Zschr., 1929, 49: 103-18.—**Moraczewski, J., de & Grzycki, S.** Sur la distribution des cations et des anions pendant le gonflement de la gélatine dans les milieux acides et alcalins. C. rend. Soc. biol., 1931, 107: 878-82.—**Northrop, J. H., & Kunitz, M.** Preparation of electrolyte-free gelatin. J. Gen. Physiol., 1927-28, 11: 477-9. — Combination of salts and proteins; the combination of CuCl₂, MgCl₂, CaCl₂, AlCl₃, LaCl₃, KCl, AgNO₃ and Na₂SO₄ with gelatine. Ibid., 481-93.—**Petrunkin, A., & Petrunkin, M.** Combination of gelatin with some organic bases. Ibid., 101-10.—**Przylecki, St. J.** Action simultanée des électrolytes et de l'alcool sur la gélatine au-delà du point isoélectrique de Michaëlis. C. rend. Soc. biol., 1930, 104: 1079.—**Schryver, S. B., & Thimann, K. V.** Investigations on gelatin; the scission of gelatin into constituent proteins. Biochem. J., Lond., 1927, 21: 128-430.—**Simms, H. S.** The ionic activity of gelatin. J. Gen. Physiol., 1927-28, 11: 613-28. — Chemical antagonism of ions; effect of salt mixtures of gelatin activity. Ibid., 1928-29, 12: 511-28.—**Thimann, K. V.** Studies on gelatin; diamino-nitrogen of gelatin. Biochem. J., Lond., 1930, 24: 357-67. — & **Page, A. B.** Chemical change in gelatin resulting from the method of storage. Ibid., 1508-60.—**Van Slyke, D. D., Hiller, A. [et al.]** The unidentified base in gelatin. Proc. Soc. Exp. Biol., N. Y., 1938, 38: 548.—**Veil, S.** Localisation autophotographique des ions radioactifs dans la gélatine. C. rend. Acad. sc., 1934, 199: 1044-6.

Colloid chemistry.

GERIKE, K. W. *Dampfdruck von Gelatine-Wasser-Gemischen. 68p. 8°
Erlangen, 1914.

LASZT, L. *Ueber den Einfluss oberflächenaktiver Stoffe auf die Diffusion in Gelatine [Basel] 21p. 8°
Oradea, 1934.

Abramson, H. A. Orientation of cylindroid particles in gelatin-serum gels. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 147.—**Affonsky, S. I.** Ueber die Frage des Einflusses der Lipide auf die Diffusion der Säuren und Alkalien in Gallerten. Biochem. Zschr., 1928, 195: 387-95.—**Artom, C.** Sulla tensione superficiale di soluzioni di gelatina. Arch. sc. biol., Bologna, 1929-30, 14: 327-63. Also Boll. Soc. ital. biol. sper., 1929, 4: 605-8.—**Bergmann, M., & Jacobi, B.** Ueber Verfestigung von Gelatine. Kolloid Zschr., 1929, 49: 46.—**Bigwood, E. J.** De la perméabilité de la gelée de gélatine au chlorure de calcium. C. rend. Soc. biol., 1927, 96: 131; 136; 199. — Du partage des électrolytes entre une gelée de gélatine et une solution aqueuse. Ibid., 1929, 102: 322-4. — De l'inégalité de distribution des ions hydrogène et hydroxyle dans des cubes de gelée de gélatine en équilibre du diffusion avec une solution d'électrolytes. Ibid., 600. — De l'inégalité de distribution des ions hydrogène et hydroxyle dans des colonnes de gelée stérile de gélatine. Ibid., 602-4. — L'état stationnaire de diffusion des ions dans des colonnes de gelée de gélatine correspond-il à un équilibre de réactions réversibles? Ibid., 1930, 103: 45. — De la distribution des ions H⁺ et OH⁻ dans la gelée de gélatine en présence de divers indicateurs colorés. Ibid., 47-9.—**Chevallier, A.** Sur l'état colloïdal micellaire de la gélatine. Ibid., 1927, 97: 484.—**Collin, R.** Sur les propriétés les filaments de gélatine coagulés. Ibid., 1928, 98: 1535-5.—**Davis, C. E., & Salisbury, H. M.** Ueber den Einfluss der Vorbehandlung von Gelatine auf die Viskosität von Gelatine Lösungen. Kolloid Zschr., 1929, 49: 270-5.—**Duclaux, J., & Hirata, F.** Etudes des transformations de la gélatine; diffusion de la lumière; ultrafiltration. J. chim. phys., Par., 1933, 30: 213-31.—**Eggert, J., & Reistötter, J.** Ueber das Molekulargewicht und den Gelzustand der Gelatine. Zschr. phys. Chem., 1926, 123: 363-82.—**Eläd, E., & Berzel, H.** Zur Kenntnis der Bichromatgelatine. Kolloid Zschr., 1936, 74: 305; 75; 66; 202.—**Fodor, A., & Mayer, K.** Ueber die Temperaturabhängigkeit der Viskosität von Gelatine Lösungen. Ibid., 1928, 44: 314.—**Frankel, M.** Ueber thermische Desaggregation von Gelatine. Zschr. physiol. Chem., 1927, 167:

17-36. — Ueber Assoziationsgrad und Reaktivität von Gelatine-lösungen; Beiträge zur Kenntnis organischer Naturstoffe von kolloidalem Charakter. *Ibid.*, 170: 247-63. — Ueber die Abhängigkeit des osmotischen Druckes und des Mischgewichtes von Gelatinelösungen von der Temperatur beziehungsweise von der Vorgeschichte der Lösungen. *Biochem. Zschr.*, 1931, 240: 149-55. — **Freundlich, H.**, & **Abramson, H. A.** Ueber die Thixotropie von Gelatinelösungen. *Zschr. phys. Chem.*, 1927-28, 131: 278-84. — **Freundlich, H.**, & **Neukircher, H.** Ueber den Einfluss der Wasserstoffionenkonzentration auf die Viskosität und Elastizität von Gelatinelösungen. *Kolloid Zschr.*, 1926, 38: 180. — **Fuseya, G.**, **Sasaki, K.**, & **Nagano, M.** Viscosities of dilute solutions of ash-free gelatin. *J. Phys. Chem.*, 1930, 34: 2013-27. — **Garreau, Y.**, **Girard, P.**, & **Marinesco, N.** Sur la structure des gels de gélatine; température de gélification et rigidité en fonction du p_a . *C. rend. Soc. biol.*, 1930, 103: 551-4. — **Gerngross, O.**, **Herrmann, K.**, & **Abitz, W.** Ueber den Feinbau des Gelatinemischs. *Biochem. Zschr.*, 1930, 128: 409-25. — **Giedroyc, W.** Untersuchungen über die Aggregation von Gelatine. *Ibid.*, 1934, 273: 154-60. — **Girard, P.**, & **Marinesco, N.** Pouvoir inducteur spécifique des sols et des gels de gélatine; renseignements sur leur structure. *C. rend. Soc. biol.*, 1929, 102: 302-5. — Variations de l'état physique des constituants et de la structure avec le p_a . *Ibid.*, 726-9. — **Greenberg, D. M.**, & **Mackey, M. A.** The sol-gel transformation in gelatin. *J. Gen. Physiol.*, 1931, 15: 161-6. Also repr. — **Hampton, W. F.**, & **Mennie, J. H.** Heat capacity measurements on gelatin gels. *Canad. J. Res.*, 1934, 10: 452-62. — **Holleman, L. W. J.**, **Bungenberg de Jong, H. G.**, & **Modderman, R. S. T.** Zur Kenntnis der lyophilen Kolloide; über Koazervation; einfache Koazervation von Gelatinelösungen. *Kolloid Beihfte.*, 1933-34, 39: 334-420. — **Johlin, J. M.** The influence of p_a and solution concentration on the surface tension of gelatin solutions determined by the sessile bubble method. *J. Biol. Chem.*, 1930, 87: 319-25. Also repr. — **Kunitz, M.** Elasticity, double refraction and swelling of isoelectric gelatin. *J. Gen. Physiol.*, 1929-30, 13: 565-606. — & **Northrop, J. H.** Fractionation of gelatin. *Ibid.*, 1928-29, 12: 379-390. Also repr. — **Küthy, S.** Ueber die Wirkung oberflächenaktiver Stoffe auf die Gelatine; Gel-Sol-Transformation. *Biochem. Zschr.*, 1932, 244: 331-6. — **Liepatov, S. M.**, & **Putilowa, J.** Zur Lehre von den lyophilen Kolloiden; Solvation verschiedener Fraktionen der Gelatine. *Kolloid Zschr.*, 1934, 69: 73-9. — **McBain, J. W.**, & **Kellogg, F.** The salting out of gelatin into 2 liquid layers with sodium chloride and other salts. *J. Gen. Physiol.*, 1927-28, 12: 1-15. — **Malone, J. G.**, & **Malone, M. G.** The p_a of gelatin solutions. *J. Phys. Chem.*, 1933, 37: 219-21. — **Marinesco, N.** Sur la structure des solutions de gélatine. *C. rend. Acad. sc.*, 1929, 188: 1163-5. — **Mayer, K.** Ueber Trübungerscheinungen bei Gelatine. *Kolloid Zschr.*, 1928, 44: 315-9. — **Merckel, J. H. C.**, & **Wiebenga, E. H.** Die Dehnung von Gelatine unter Einfluss von Salzen. *Ibid.*, 1937, 80: 315-9. — **Michaud, F.** Réactions élastiques des gels. *J. chim. phys.*, Par., 1939, 36: 201-9. — **Nagorny, A.** Altern von Gelatine (vorläufige Mitteilung). *Kolloid Zschr.*, 1927, 41: 123-30. — **Olsen, A. G.** Evidence of structure in gelatin gels. *J. Phys. Chem.*, 1932, 36: 529-33. — **Peskov, N.**, & **Averbuch, S.** Zur Strukturviskosität der lyophilen Sole; Gelatinelösungen. *Kolloid Zschr.*, 1935, 73: 182-91. — **Przylecki, S.**, **J. von, & Targońska, J.** Ueber die Bindung der Biokolloide; Aggregation der Gelatine. *Biochem. Zschr.*, 1932, 255: 406-19. — **Putilowa, I. N.** Zur Lehre von den lyophilen Kolloiden; zur Frage über Gelatineauflösung und Stabilität ihrer Sole. *Kolloid Zschr.*, 1935, 71: 80-2. — **Sanigara, E. B.**, **Krejci, L. E.**, & **Kraemer, E. O.** An ultracentrifugal study of gelatin. *Rep. Biochem. Res. Found. Franklin Inst.*, 1938-39, 5: No. 36, 757-63. — **Sarluy, A.** Aenderung des Solvatationsmittels in Gelatinelösungen. *Kolloid Zschr.*, 1933, 62: 176-80. — **Sheppard, S. E.**, & **Houck, R. C.** The structure of gelatin sols and gels; the viscosity of gelatin solutions. *J. Phys. Chem.*, 1930, 34: 273-98. — **Steigmann, A.** Die sensibilisierenden Reifungskörper der Gelatine. *Kolloid Zschr.*, 1928, 46: 57-9. — **Suganuma, I.** Ueber Adsorption und Osmose von Alkalien in ein Gelatinegel mit und ohne Lecithinzusatz. *Biochem. Zschr.*, 1927, 183: 477-84. — **Trillat, J. J.** Recherches sur la structure de la gélatine. *Ann. Inst. Pasteur, Par.*, 1932, 48: 100-12, 2 pl. Also *J. chim. phys.*, Par., 1932, 29: 1-10, pl. — **Wintgen, R.**, & **Engelmann, H.** Zur Fällung der Gelatine durch anorganische Kolloide. *Kolloid Zschr.*, 1929, 47: 104-21. — **Woodard, H. Q.** The effect of X-radiation on the viscosity of gelatin. *J. Phys. Chem.*, 1932, 36: 2543.

Detection.

Durier, E. Recherche de la gélatine dans les boules de gomme. *Ann. falsif., Par.*, 1913, 6: 255. — **Farkas, G.** Esami per la determinazione della gelatina. *Sunti Congr. internaz. fisiol.*, 14. Congr., 1932, 76. — [Method for the quantitative determination of gelatin] *Magy. orv. arch.*, 1933, 34: 269-73. — **Fellenberg, T. von.** Die Bestimmung des Reststickstoffs zur Bewertung von Gelatine und gelatinehaltigen Produkten. *Mitt. Lebensmitteluntersuch., Bern*, 1927, 18: 335-7. Also *Zschr. Unters. Lebensmitt.*, 1927, 54: 481-3. — **Lenk, E.** Quantitative Bestimmung der Gelatine. *Biochem. Zschr.*, 1926, 176: 434-48.

Electric properties.

Bigwood, E. J. La structure éventuelle des gélées peut-elle jouer un rôle dans leur perméabilité électrolytique pour certains électrolytes? *C. rend. Soc. biol.*, 1929, 102: 324-6. — & **Majmin, R.** Gonflement et synérèse de la gelée de gélatine

isoelectrique. *Ibid.*, 1930, 104: 815-8. — **Denekamp, P. J.**, & **Kruyt, H. R.** Dielektrische Messungen an hydrophilen Kolloiden; Messungen an Agar und Gelatine bei 261 m. *Kolloid Zschr.*, 1937, 81: 62-80. — **Dulitzkaja, R. A.**, & **Sokolov, S. I.** Zur Frage über den isoelektrischen Punkt der Gelatine. *Ibid.*, 1935, 72: 205-11. — **Ehrenberg, W.**, & **Wulff, P.** Elektrische Leitfähigkeit und chemische Gleichgewichte der Elektrolyte in Na^+ , Ag^+ und Cl^- enthaltenden Gelatinelösungen. *Kolloid Beihfte.*, 1935, 42: 1-33. — **Hitchcock, D. I.** The combination of gelatin with hydrochloric acid; new determinations of the isoelectric point and combining capacity of a purified gelatin. *J. Gen. Physiol.*, 1928-29, 12: 495-509.

The isoelectric point of a standard gelatin preparation. *Ibid.*, 1931, 14: 685-99. Also repr. — **Johlin, J. M.** The isoelectric point of gelatin in relation to its minimum physical properties. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 702-4. Also *J. Biol. Chem.*, 1930, 86: 231-43. Also repr. — **Lewis, W. K.**, & **Broughton, G.** The conductivity of gelatin in acid solution. *J. Phys. Chem.*, 1939, 43: 359-62. — **Prideaux, E. B. R.** The combination curves, hydrogen ion regulating power and dissociation constants of gelatin. *Proc. R. Soc., Lond.*, 1931, ser. B, 105: 224-32. — **Przylecki, S. J.** Action simultanée des électrolytes et de l'alcool sur la gélatine, au point isoelectrique de Michaelis. *C. rend. Soc. biol.*, 1930, 104: 1077, 1931, 106: 134. — **Scala, A.** Azione di alcuni sali neutri sulla gelatina isoelettrica e le conseguenti modificazioni dell'ambiente. *Ann. igiene*, 1931, 41: 325-36. — **Sheppard, S. E.**, & **Houck, R. C.**, & **Dittmar, C.** The structure of gelatin sols and gels; the adsorption of water vapor and the electrical conductivity. *J. Phys. Chem.*, 1940, 44: 183-207. — **Stearn, A. E.** The nature of isoelectric gelatin in solution; evidence for the existence of the ampholytic ion; ionic displacement reactions; conductivity titrations of gelatin with crystal violet. *Ibid.*, 1930, 34: 973-92. — **Straup, D.** The flocculation of gelatin at the iso-electric point. *J. Gen. Physiol.*, 1931, 14: 643-60. — **Swyngedauw, J.** Contrôle de l'état isoelectrique des gels de gélatine par électrofiltration. *C. rend. Soc. biol.*, 1937, 126: 33-5. — **Préparation électrochimique de gélatine à l'état isoelectrique; écarts considérables du point isoelectrique; des gélées commerciales. *Ibid.*, 35-7. — Etude quantitative de l'électrofiltration dans les gels de gélatine en fonction de p_a . *Ibid.*, 39-41. — Mesure électrométrique du p_a dans les gels de gélatine par l'électrode à quinhidrone. *Ibid.*, 42. — Mécanisme du développement de la zone isoelectrique dans les gels de gélatine soumis à l'électrolyse. *Ibid.*, 1938, 128: 199-202. — Interprétation d'une expérience de Chanoz et Ponthus sur l'électrolyse de la gélatine bichromatée. *Ibid.*, 1144-6. — Mécanisme de l'électroosmose dans les gels de gélatine. *Ibid.*, 129: 961-4. — Electroosmose dans la gélatine en fonction de la concentration du gel et de la nature de l'ion combiné. *Ibid.*, 1939, 130: 62-4.**

Food value.

FRANK, W. *Der Ablauf des Betriebsstoffwechsels bei der Ernährung mit Gelatine. 17p. 22½cm. Berl., 1936.

Also *Zschr. ges. exp. Med.*, 1936-37, 100: 61-8.

LOHMANN, W. *Die Gelatine als Nahrungsmittel. 29p. 23cm. Berl., 1937.

STUDIES ON edible gelatine in the dietary. 20p. 8°. [Johnstown, N. Y., 1923]

— The value of gelatine. Paper No. 2. 28p. 8°. [Johnstown, N. Y., 1923]

— The value of gelatine in infant and child feeding. 17p. 8°. [Johnstown, N. Y., 1923]

Di Frisco, S. Sul valore alimentare della gelatina. *Boll. Soc. ital. biol. sper.*, 1931, 6: 296-8. — **Downey, T. B.** A study of the nutritive value of gelatin. *J. Metab. Res.*, 1924, 5: 145-68. — Significance of the colloidal properties of gelatin in special diets. *West Virginia M. J.*, 1925, 20: 540. — **Elterich, T. O.**, **Boyd, D. H.**, & **Neff, A.** The use of gelatin as a supplementary food in the infant's dietary; an historical summary and the report of a study. *Arch. Pediat.*, N. Y., 1930, 47: 286-319. — **Gelatin.** *Hygeia, Chic.*, 1939, 17: 741. — [Germany] Anforderungen an Zusammensetzung, Kennzeichnung und Bezeichnung von Sülze. *Reichsgesundhbl.*, 1938, 13: 584. — H. De la gélatine considérée dans ses rapports avec l'alimentation. *Gaz. san., Par.*, 1835, 4: 165-76. — **Jackson, R. W.**, **Sommer, B. E.**, & **Rose, W. C.** Experiments on the nutritive properties of gelatin. *J. Biol. Chem.*, 1928, 80: 167-86. Also repr. — **Jensen, V.** [Gelatin] Hospitalstidende, 1931, 74: 179-81. — **Kruse, H. D.**, **Day, H. G.**, & **McCollum, E. V.** The nutritive deficiencies of gelatin. *Am. J. Hyg.*, 1934, 19: 260-9. — **McCay, C. M.** Gelatin, the chameleon of foods. *Hygeia, Chic.*, 1937, 15: No. 9, 816. — **Mouquet, A.** L'emploi de la gélatine alimentaire dans l'élevage. *Bull. Soc. sc. hyg. aliment.*, Par., 1925, 13: 338-41. Also *Rec. méd. vét.*, 1925, 101: 586-90. — **Nutritional** (The) significance of gelatin. *J. Am. M. Ass.*, 1936, 107: 2132. — **Porcher, C.**, & **Jung, L.** Valeurs nutritives comparées de l'ovalbumine et de la gélatine utilisées comme aliments organiques exclusifs. *C. rend. Soc. biol.*, 1929, 101: 824; 1930, 105: 652. — **Thexton, R. H.** Improvement in edible gelatin through bacteriological control. *Canad. Pub. Health J.*, 1939, 30: 24.

Hydrolysis, and decomposition.

See also Bacteria, Gelatin liquefaction; Gelatinase.

Anft, H. Ueber die Verflüssigung von Gelatine durch das Bacterium typhi flavum. Arch. Hyg., Münch., 1938, 121: 319-30.—Fodor, A., & Epstein, C. Ueber den Abbau der Gelatine durch Essigsäureanhydrid. Zschr. physiol. Chem., 1927, 171: 222-41. — Untersuchungen über den Abbau der Gelatine und des Gelatinepeptons mit Essigsäureanhydrid; Isolierung assoziierter Polypeptide. Biochem. Zschr., 1928, 200: 211-22. — Untersuchungen über den Abbau der Gelatine mit Essigsäureanhydrid; Isolierung acetylierter Assoziante von partiell anhydrierten Polypeptiden. Ibid., 1929, 210: 24-41.—Fodor, A., & Schoenfeld, R. Ueber den Abbau der Gelatine durch Glycerin unter verschiedenen Bedingungen; Isolierung eines nichtkolloiden, durch Pepsin spaltbaren Zwischenprodukts. Ibid., 1928, 200: 223-35.—Frazier, W. C. A method for the detection of changes in gelatin due to bacteria. J. Infect. Dis., 1926, 39: 302-9, 2 pl.—Gawriłow, N., & Lawrowsky, K. Ueber einige Anhydride der Aminosäuren aus Gelatine (Hydrolyse nach der Methode von Zelinsky-Sadikow). Biochem. Zschr., 1927, 190: 278-85.—Mardles, E. W. I. Die Auflösung von Gelatine in Flüssigkeiten. Kolloid Zschr., 1931, 57: 183-94.—Mohler, H., & Helberg, E. Die Jaffé-Folin'sche Reaktion hydrolysierte Gelatine. Zschr. Untersuch. Lebensmitt., 1934, 68: 254-70.—Northrop, J. H. Chemical and physical changes in gelatin solutions during hydrolysis. J. Gen. Physiol., 1928-29, 12: 529-35.—Sheppard, S. E., & Houck, R. C. The structure of gelatin sols and gels; fluidity and hydrolysis. J. Phys. Chem., 1932, 36: 2319-24.

Optical properties.

Johlin, J. M. The action of neutral salts on the optical activity of gelatin. J. Biol. Chem., 1931, 92: 751-5. Also repr.—Krishnamurti, K. The scattering of light in protein solutions; gelatin solutions and gels. Proc. R. Soc., Lond., 1930, ser. A, 129: 490-508, pl.—Kúthy, S. Ueber die Wirkung oberflächenaktiver Stoffe auf die Gelatine; optische Aktivität. Biochem. Zschr., 1932, 244: 337-41.—Vlès, F., & Cohn, C. Recherches sur les propriétés optiques de la gélatine; l'absorption ultra-violet. Arch. phys. biol., Par., 1926, 5: 48-61.—Vlès, F., & Vellinger, E. Recherches sur les propriétés optiques de la gélatine; le pouvoir rotatoire et la diffusion. Ibid., 5-30.

Pharmacology.

Bónis, I. [Hemostyptic effect of gelatine] Orvosképzés, 1935, 25: oct. különf. (L. Kéty Festschr.) 109-16.—Bruynoghe, R., & Vassiliadis, P. Recherches sur les propriétés antigéniques de la gélatine. C. rend. Soc. biol., 1930, 103: 543.—Hellebrandt, F. A., Rork, R., & Brogdon, E. Effect of gelatin on power of women to perform maximal anaerobic work. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 629-34. Also Am. J. Physiol., 1940, 129: 379.—Ni, T. G. The composition and action upon calcium metabolism of Ah-chiao (donkey skin glue) and commercial gelatin. Chin. J. Physiol., 1935, 9: 329-38.—Poletini, B. Sulle proprietà antigeniche e anafilattiche della gelatina. Boll. Ist. sieroter. milan., 1931, 10: 308-15.—Roskam, J. De l'action des injections intraveineuses de gélatine sur le nombre des hématies. Arch. internat. physiol., Liège, 1921, 18: 464-73.

Swelling, and hydration.

Bigwood, E. J., & Majim, R. Confiement et synérèse de la gelée de gélatine isoelectrique. C. rend. Soc. biol., 1930, 104: 815-8.—Bollhagen, J. Quellungsbesonderheiten an Gelatinefolien und die daraus sich ergebenden Aufschlüsse über die Quellung von Emulsionskolloiden. Kolloid Zschr., 1934, 66: 75-83.—Gortner, R. A., & Hoffman, W. F. The imbibition of gelatin dried as a gel and as a sol. J. Phys. Chem., 1927, 31: 464-6.—Jordan-Lloyd, D. The absorption of water by gelatin; the influence of temperature. Biochem. J., Lond., 1930, 24: 1460-71. — The absorption of water by gelatin; the influence of the thickness and original concentration of the gel. Ibid., 1931, 25: 1580-92. — & Pleass, W. B. The absorption of water by gelatin; the nitrate system. Ibid., 1927, 21: 1352; 1928, 22: 1007-18.—Küntzel, A. Untersuchung über die Quellung der Gelatine in wässrigen Lösungen von Säuren, Basen und Salzen und deren Gemische. Biochem. Zschr., 1929, 209: 326-437.—Kunitz, M. Hydration of gelatin in solution. J. Gen. Physiol., 1926-27, 10: 811-36. Also repr.—Synthesis and swelling of gelatin. Ibid., 1927-28, 12: 289-312. Also repr.—Kúthy, S. Ueber die Wirkung oberflächenaktiver Stoffe auf die Gelatine; Quellung. Biochem. Zschr., 1932, 244: 319-30.—Miller, E. G., jr. The effect of bicarbonate ions on the swelling of gelatin. Ibid., 1929, 23: 876-9.—Moraczewski, W. Sur le gonflement de la gélatine dans les solutions acides. C. rend. Soc. biol., 1930, 104: 314-6. — Sur le gonflement de la gélatine dans les solutions salines. Ibid., 316-9. — & Grzycki, S. Ueber die Quellung der Gelatine in Säuren und Salzlösungen. Biochem. Zschr., 1930, 221: 331-48. — Ueber die Quellung der Gelatine in Kalksalzlösungen. Ibid., 1931, 236: 432-43.—Moraczewski, W., & Hamerski, E. Ueber die Quellung der Gelatine. Ibid., 1929, 208: 299-327.—Northrop, J. H., & Kunitz, M. The swelling of gelatin and the volume of surrounding solution. J. Gen. Physiol., 1928-29, 12: 537-42. — Swelling and hydration of gelatin. J. Phys.

Chem., 1931, 35: 162-84.—Pleass, W. B. The absorption of water by gelatin; the influence of calcium hydroxide. Biochem. J., Lond., 1930, 24: 1472-8. — The influence of temperature, on swelling in acid solutions and the combination of gelatin with hydrochloric, nitric or sulphuric acid. Ibid., 1931, 25: 1943-8.—Sauer, E., & Kleverkaus, E. Ueber Quellung von Gelatine in Säuren. Kolloid Zschr., 1930, 50: 130-41.—Weidinger, A., & Pelsner, H. On the mechanism of water adsorption in gelatin gel. Acta brevita necrl., 1940, 10: 25.

Therapeutic use.

See also Gelonida; Hemorrhage, Treatment.

SANTANDER ROJAS, H. *Colas y gelatinas [Chile] 32p. 8°. Santiago, 1929.

Beal, G. D., & Neff, A. Gelatin in medicine. J. Am. Pharm. Ass., 1928, 17: 261-5.—Dutton, W. F. Gelatin in medicine. Clin. M. & S., 1935, 42: 165-8. Also repr.—Formules de gélalines médicamenteuses. Ann. pharm., Louvain, 1896, 2: 229.—Gershenfeld, L., & Perlstein, D. Preservatives for preparations containing gelatin. Am. J. Pharm., 1939, 111: 277-87.—Hartwell, G. A. Yeast extract as a supplement to gelatin. Biochem. J., Lond., 1926, 20: 1279-81.—S. Gelatin. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 770-2.—Tice, L. F. A further contribution on the use of gelatin in emulsion products. Am. J. Pharm., 1939, 111: 4-9.

GELATINASE.

See also Gelatin, Hydrolysis; Protease.

Blanchetière, A. L'hydrolyse fermentaire de la gélatine dans ses rapports avec la formation des diacétylperazines. C. rend. Acad. sc., 1930, 191: 1479-81.—Haines, R. B. Further studies of the effect of the medium on the production of bacterial gelatinase. Biochem. J., Lond., 1933, 27: 466-74.—Masui, S. Das Verhalten der Jodgelatine gegen proteolytische Fermente. Acta Scholae med. Univ. Kioto, 1930-31, 13: 331-8.—Pozeriski, E., & Guélin, A. Contribution à l'étude de la gélatinase du Bacillus aerofaetidis. C. rend. Soc. biol., 1938, 129: 939.—Zimmermann, W., McPhail, M. K., & Canzanelli, A. Zum Eiweissproblem; über die Methylierung von Gelatine und über die fermentative Aufspaltung der Gelatine. Zschr. physiol. Chem., 1935, 231: 25-8.

GELATION.

See also under names of colloids as Blood serum, Gelatin; Colloid, &c.

Bungenberg de Jong, H. G., & Dekker, W. A. L. Gestörte Gelatinierung und Einfluss von Elektrolyten auf die Sedimentation der sich dabei bildenden Gelfragmente. Biochem. Zschr., 1932, 251: 105-9.—Hauser, E. A., & LeBeau, D. S. Studies on gelation and film formation of colloidal clays. J. Phys. Chem., 1938, 42: 961-9.—Kurbatov, W. Zur Frage über die Theorie der Gelatinierung. Kolloid Zschr., 1931, 55: 70-2.—Reiger, R., & Bach, S. Ueber den Einfluss der Wasserstoffionenkonzentration auf die Gelatinierung. Ibid., 1936, 76: 82.

GELBAND, Moritz, 1912—

*L'acide ascorbique, vitamine C, dans les laits de consommation. 64p. 8°. Par., L. Cario, 1937.

GELBART, Ada Lucier, 1906—

*Contribution à l'étude du pansement gastrique; l'emploi du charbon [Paris] 64p. 8°. La Varenne, Bonnacarrère & Guinet, 1931.

GELBER, Charles Neumann, 1891-1938.

Obituary. Tr. Am. Acad. Ophth. Otol., 1938, 422.

GELBER, Louis Jack, 1901—

Medical text on traumatic injuries. xiii, 482p. pl. 23½cm. Newark, N. J., Soney & Sage Co., 1938.

GELBERT, Jean, 1906—

*Les appareils de transfusion. 59p. 8°. Par., A. Legrand, 1934.

GELBKE [Hermann] Karl, 1899—

*Zur Statistik der operativen Behandlung von Adnexumtoren aus dem Material der Leipziger Universitäts-frauenklinik während der Jahre 1922-23 [Leipzig] 16p. 8°. Oschatz, C. Morgner, 1926.

GELBSMAN, Joseph, 1914—

*La contagion dans l'encéphalite léthargique. 32p. 23½cm. Par., A. Lapiet, 1939.

GELDER, Friedrich Wilhelm van, 1894—

*Ueber die Resistenz säurefester Bazillen gegenüber 10%iger Schwefelsäure. 32p. 8°. Tüb., A. Becht, 1933.

GELDERBLOM, Kurt, 1902—

*Ueber Agranulocytose mit besonderer Berücksichtigung der Beteiligung des Magen-Darmkanals. 32p. 8°. Berl., E. Ebering, 1929.

GELDEREN, Christiaan van. *Die vergleichende Ontogenie der Hirnhäute mit besonderer Berücksichtigung der Lage der neurokranialen Venen [Amsterdam] 2 p. l. 151p. roy. 8°. Münch., J. F. Bergmann & J. Springer, 1926.

— Venensystem mit einem Anhang über den Dotter- und Plazentarkreislauf. p.685-744. 8° Berl., 1931-33.

In Handb. vergl. Anat. (Bolk, L., Göppert, E. [et al.]) Berl., 1931-33, 6:

GELDMACHER [Albrecht Wilhelm] Max, 1892— *Ein Fall von Dystrophia adiposogenitalis mit Cutis laxa und hochgradiger Vulnerabilität der Haut. 23p. 8° [Bonn, n. pub.] 1921.

GELDNER, Ernst, 1908— *Zur Frage der Erbkranken auf dem Gebiete der Orthopädie [München] 40p. 8° Speyer, Pilger, 1935.

GELETNEKY, Gerhard, 1901— *Zur Kasuistik der Hämangioendotheliome der Schilddrüse [Heidelberg] 4 p. l. 61p. 8° Urach, O. Weise, 1931.

GELEY, Gustave, 1868-1924. De inconscient au conscient. xiii, 346p. 8° Par., F. Alcan, 1919. See also Mackenzie, W. Gustave Geley: un pioniere della scienza e del pensiero. Illust. med. ital., 1924, 6: 129-32.

GELFELD, Rebeka. *Die Erfahrungen mit Alipogal (Fettfreie Trockenmilch) an der Basler Kinderklinik [Basel] 20p. 8° S. Louis, Switz. [n. pub.] 1931.

GELFIUS, Fritz, 1901— *Ueber die Wirkung der chronischen Parantirochlorbenzolvergiftung auf das Blutsystem. 14p. 8° Würzb., Gebr. Memminger, 1927.

GELHAAR, Erich, 1906— *Die Wirkung des Histamins auf den venösen Rückfluss [Frankfurt a. M.] 16p. 8° Würzb. [n. pub.] 1930.

GELHAAR, Vera [Maria] 1905— *Zur Kasuistik der plötzlichen Todesfälle aus natürlicher Ursache; bemerkenswerter Fall von intraperikardialer Aortenruptur infolge von ausgedehnter Thrombose der atherosklerotisch veränderten absteigenden Brust-, oder Bauchorta [München] 20p. 8° Dillingen a. Donau, Schwäb. Verl., 1930.

GELIN, Gabriel, 1914— *Contribution à l'étude anatomo-clinique et électrocardiographique de la myocardite scarlatineuse. 62p. 25cm. Lyon, Paquet, 1939.

GELINEAU-REDLICH syndrome.

See Narcolepsy.

GELISSEN, Carolus, 1897— *Beitrag zur Pulpaamputation unter besonderer Berücksichtigung der Röntgenkontrolle. 29p. 7 pl. 8° Münst., H. Buschmann, 1933.

GELKERMANN, Hans, 1908— *Die Osteotomie im Dienste der Kiefer-Orthopädie: Deformitäten [Münster] 30p. 22cm. Dusseld., G. H. Nolte, 1935.

GELL, Edith Mary, 1860— Womanhood at the cross-roads. 2 l. 60p. 8° N. Y., Mac-Millan Co., 1920.

GELLE, Xavier, 1907— *Traitement des ténosynovites aiguës carpiennes et digitales par l'incision à minima. 103p. 8° Par., Vigot frères, 1936.

GELLE, Georges, 1910— *La plume soyeuse; étude d'un cas de mutation soyeuse chez la poule [Alfort] 63p. 8° Par., Vigot frères, 1934.

GELLENBECK, Rudolf, 1910— *Der Balkenstich [Münster] 20p. 21cm. Gütersloh, Thiele, 1935.

GELLER, Friedrich C., 1892— Sexuelle und sexogene Funktionsstörungen des Weibes. p.437-82. Lpz. C. Kabitzsch, 1928.

In 3 Bd 1 Hälfte, Handb. inn. Sekret. (Hirsch)

GELLER, Hyman, 1908— *Anurie im Wochenbett. 40p. 21cm. Zür., Sihl, 1937.

GELLER, Karl Heinz. *Zur Kenntnis der Polymerisation alkylierter Indole [Bonn] 28p. 8° Würzb., K. Triltsch, 1934.

GELLER, Sebastian Aloys, 1906— *Ueber operative Anastomosen zwischen Gallensystem und Darmtrakt. 74p. 8° Bonn, H. Trapp, 1933.

GELLER, Walter [Ludwig] 1907— *Ueber Blutzuckeränderungen nach Karzinombestrahlungen mit Radium. 28p. 8° Bonn, P. Kubens, 1930.

GELLER, Wilhelm, 1906— *Die amtliche Gefährdetenfürsorge vom sozialmedizinischen Standpunkte [Münster] 39p. 8° Quackenbrück, R. Kleinert, 1931.

GELLER, Wilhelm [Heinrich] 1909— *Ueber Untersuchungen der Nagelfalzkapillaren unter besonderer Berücksichtigung ihrer Beziehungen zur Intelligenz. 24p. ch. 8° Bonn, P. Kubens, 1933.

GELLERSTEDT, Nils., 1896— *Zur Kenntnis der Hirnveränderungen bei der normalen Altersinvolution. p.193-408. 3 pl. 8° Upps., Almqvist & Wiksell, 1933.

Also Upsala läk. fören. förh., 1933, n. F., 38:

GELLERT, Etienne, 1909— *Le fonctionnement de la Maternité Lariboisière en 1933. 66p. 8° Par., Lipschutz, 1934.

GELLHORN, Ernst, 1893— Neuere Ergebnisse der Physiologie in 22 Vorlesungen für Aerzte, Biologen und ältere Studierende (eine Ergänzung zu den Lehrbüchern der Physiologie) viii, 446p. 8° Lpz., F. C. W. Vogel, 1926.

— Das Permeabilitätsproblem; seine physiologische und allgemeinpathologische Bedeutung. x, 441p. 8° Berl., J. Springer, 1929.

For enlarged French translation see Gellhorn, E., & Regnier, J. La perméabilité, etc.

— **ASHER, L.** [et al.] Lehrbuch der allgemeinen Physiologie. 741p. 8° Lpz., G. Thieme, 1931.

GELLHORN, Ernst, & LAMBERT, Edward H. The vasomotor system in anoxia and asphyxia. 71p. 4° Urbana, Univ. Illinois Press, 1939.

GELLHORN, Ernst, & REGNIER Jean. La perméabilité en physiologie et en pathologie générale. 928p. roy. 8° Par., Masson & cie, 1936.

Enlarged translation of Gellhorn, E. Das Permeabilitätsproblem.

GELLHORN, George, 1870-1936. Gynecology for nurses. 2 p. l. 275p. 8° Phila., W. B. Saunders Co., 1930. Also 2. ed. 2 p. l. 294p. illust. 1933.

— Non-operative treatment in gynecology. xvii, 432p. 8° N. Y., D. Appleton & Co., 1931.

Forms v.14, Gyn. & obst. monogr., N. Y., 1931. For biography see Am. J. Obst., 1936, 31: 369-71, portr. (R. L. Dickinson) Also J. Am. M. Ass., 1936, 106: 870. Also J. Missouri M. Ass., 1936, 33: 198, portr. (G. D. R.)

GELLI, Gino. La guida medica; ad uso delle donne sposo e madri. xv, 1006p. portr. 12° Fir., R. Bemporad & figlio, 1931.

GELLIUS, Aulus, ca 130— Noctes Atticae. 372l. 8° Venezia, Aldus et Andreas Socer, 1515.

— The same. The Attic nights of Aulus Gellius; with an English translation by John C. Rolfe. 3v. 16° Lond., W. Heinemann, 1927-28.

See also Neuburger, M. Die Medizin in den Noctes Atticae des Aulus Gellius. Arch. stor. sc., 1925, 6: 1-17.

GELLNER, Wilhelm, 1895- *Oleothorax; ein Beitrag zur Klärung der Anzeigen dargestellt an 15 Fällen. 19p. 8°. Frankf. a. M., K. Herke, 1933.

GELLY, Georges, 1894- *Contribution à l'étude des cancers du sillon alvéolo-lingual et pelvi-buccaux. 128p. 23 pl. 8°. Par., A. Legrand, 1929.

GELONIDA.

See also **Dispensing; Gelatin, Therapeutic use; Tablet.**

Berlit, B. Erfahrungen mit den Präparaten Gelonida antineuralgica und Gelonida somnifera. Psychiat. neur. Wschr., 1926, 28: 327-9.—**Dankmeyer, W.** Erfahrungen mit einem neuen Schlafmittel, Gelonida somnifera. Med. Klin., Berl., 1931, 27: 1040.—**Hartoch, H.** Die Gelonida antineuralgica in der Unfallchirurgie und als postoperatives Schmerzlinderungsmittel. Ibid., 1930, 26: 1412.—**Käer, E.** Pharmakologische Versuche mit einer zugleich schlafbegünstigenden und schmerzstillenden Arzneikombination. Deut. med. Wschr., 1930, 56: 1828.—**Klemp, J.** Die Bekämpfung der Nachwehen durch Gelonida somnifera. Hippokrates, Stuttgart., 1939, 10: 882-4.—**Markovics, J.** Erfahrungen mit Gelonida antineuralgica bei gynäkologischen Erkrankungen. Med. Klin., Berl., 1929, 25: 720.—**Niecke, E.** Erfahrungen über Gelonida somnifera. Ibid., 1927, 23: 874.—**Nossen, H.** Ueber die Verwendung von Gelonida antineuralgica in der chirurgischen Praxis. Ibid., 1925, 21: 1853.—**Sinak, M.** Klinische Beobachtungen mit Gelonida antineuralgica. Ibid., 1929, 25: 1746.—**Stupnitzki, A. von.** Gelonida antineuralgica in der chirurgischen Praxis. Münch. med. Wschr., 1931, 78: 64.—**Trautmann, E.** Gelonida somnifera, ein antineuralgisch wirkendes Schlafmittel nach neuen experimentellen Grundsätzen. Deut. med. Wschr., 1930, 56: 1828.—**Zschoch, G.** Gelonida antineuralgica in der Otologie. Med. Welt, 1928, 2: 1714.

GEOPLEGIA.

See also **Laughter; Narcolepsy.**

Endersz, F. Case of Geoplegia (Oppenheim) Orv. hetil., 1936, 80: 1208-11.—**Fortanier, A. H.** Geoplegie. Zschr. ges. Neur. Psychiat., 1933, 147: 275-9.—**Rothfeld, J.** Affektiver Tonus- und Bewusstseinsverlust beim Lachen und Orgasmus (Gelo- und Orgasmusleptia) Ibid., 1928, 115: 516-30.—**Rovasio, A.** Un caso d'ictus ridetis d'Oppenheim. Rass. stud. psychiat., 1932, 21: 961-8.—**Stocker, F. G.** Bemerkungen über inadäquates Lachen bei Neurosen und Psychosen. Nervenarzt, 1933, 6: 81-5.

GEOLOSE.

See also **Agar; Carbohydrates.**

Jaumain, D. Y a-t-il un abaissement du p_{H} au cours du traitement du sérum de cobaye par la gélose? C. rend. Soc. biol., 1925, 92: 757-9.—**Nicolau, S., & Kopciowska, L.** Modifications histologiques provoquées dans l'encéphale du lapin par l'injection sous-dure-mérienne de gélose. Ibid., 1932, 110: 280-3.

GELOSIS.

See also **Fibrositis; Rheumatism.**

Fischer, E. [Myogelosis] Orv. hetil., 1938, 82: mell., 166.—**Hartmann, F.** Ueber funktionelle nervöse Störung innerer Organe bei gelöser Erkrankung der Körperdecke. Münch. med. Wschr., 1927, 74: 1975.—**—** Funktionell nervöse Störungen innerer Organe bei einer gelösten Erkrankung der Decke (eine Volkskrankheit) Wien. klin. Wschr., 1927, 40: 377-81. Also Mitt. Ver. Aerzte Steiermark, 1928, 65: 48; 61.—**Knotz, I.** Ueber Gelose der Körperdecke, im besonderen über Einzelgelose in Reflexzonen (Zonalgelose) Hippokrates, Stuttgart., 1935, 6: 821-31.—**Maliwa, E.** Ueber Myogelosen und ein neues Behandlungsverfahren. Wien. klin. Wschr., 1937, 50: 1647-9.—**Stracker, O.** Myogelosen. Ibid., 1685-7. Also Aerzt. Prax., Wien, 1938, 12: 250-2.

GELOT, René, 1912- *A propos d'un cas exceptionnel d'utérus double. 45p. 8°. Paris, Jouve & cie, 1936.

GELOTHERAPY.

See also **Laughter.**

Walsh, J. J. Laughter and health. 197p. 12°. N. Y., 1928.

Bram, I. Laughter; its therapeutic value. Med. Searchlight, 1932, 8: 11-3. Also Clin. M. & S., 1933, 40: 578-80.—**Brémont, F.** La gaité agent curatif. Rev. hypnot. psychol. physiol., Par., 1893-94, 8: 277-83.—**Krone, F.** Die Heilmethode des Lachens. Med. Welt, 1933, 7: 1480.—**Wagner, E. E.** Sydney Smith—prince of humorists; the therapeutic value of laughter. Good Health, 1936, 71: 8-11.—**Walsh, J. J.** Laughter as a therapeutic agent. Med. Life, 1927, 34: 177-90.

GELPKE, Ludwig Alhard, 1894- *Die Gelegenheitsentfernung des Wurmfortsatzes durch die Bruchlücke; Hernio-Appendektomie [Zürich] 24p. 8°. Liestal, 1924.

GELSEMICINE.

See under **Gelsemium.**

GELSEMIUM.

CASTAIGNET, G. *Le gelsemium sempervirens; étude pharmacologique et thérapeutique. 64p. 8°. Par., 1931.

Bulman, F. Gelsemium. Gac. méd. México, 1929, 60: 99-108.—**Cahen, R., & Moisset de Espanés, E.** Effets cardiovasculaires de l'extrait fluide de Gelsemium sempervirens. C. rend. Acad. sc., 1938, 206: 280-2. Also C. rend. Soc. biol., 1939, 131: 686-9.—**Chou, T. Q.** The toxicity of Gelsemium. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 789.—**Christensen, B. V., & Gramling, L. G.** Biological assay of Gelsemium. J. Am. Pharm. Ass., 1937, 26: 32; 1938, 27: 1208.—**Hughes, R. F.** Gelsemium. Nat. Elect. M. Ass. Q., 1935-36, 27: 108-10.—**Klemp, J.** Gelsemium sempervirens und seine Anwendung in der Geburtshilfe. Hippokrates, Stuttgart., 1938, 9: 1109-14.—**Leclerc, H.** La pharmacologie du Gelsemium sempervirens Ait. Presse méd., 1936, 44: 578.—**Moisset de Espanés, E.** Modifications produites par l'extrait de Gelsemium sempervirens sur le courant d'action du cœur. C. rend. Soc. biol., 1938, 127: 128-30. Action de l'extrait de Gelsemium sempervirens sur le cœur isolé de grenouille. Ibid., 1088-90. Modifications électrocardiographiques produites par l'extrait de Gelsemium elegans. Ibid., 129: 386-8.—**Noriega, J. M.** El gelsemio. Gac. méd. México, 1929, 60: 93-8, pl.—**Reko, V. A.** Gelsemiumvergiftungen. Deut. Zschr. gerichtl. Med., 1933, 21: 9-14.—**Stiegele, A.** Gelsemium sempervirens, gelber Jasmin. Hippokrates, Stuttgart., 1938, 299-302.—**Wilson, E.** Yellow jasmine. Homoeop. Rec., 1933, 48: 264-6.

Gelsemicine.

Hou, Hsiang-Ch'uan. Some observations on the pharmacological action of gelsemicine, an alkaloid from Gelsemium sempervirens, L. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 779-81. Also Chin. J. Physiol., 1931, 5: 181; 190; 279.—**—** The pharmacological action of gelsemicine; action on intestine, uterus and urinary bladder. Ibid., 1932, 6: 281-6.—**—** The pharmacological action of gelsemicine; action on circulation. Ibid., 41-9.—**Raymond-Hamet.** Sur la gelsemicine. C. rend. Soc. biol., 1937, 126: 1151-4.

Gelsemine.

Chou, T. Q., & Hou, H. C. The alkaloids of Gelsemium; sempervirine and an amorphous alkaloid. Chin. J. Physiol., 1931, 5: 295-300.—**Chou, T. Q., Chen, K. K.** [et al.] The alkaloids of Gelsemium; gelsemine and gelsemicine. Ibid., 131-9.—**Chou, T. Q., Pak, C.** [et al.] The alkaloids of Chinese Gelsemium, Kou Wen, Gelsemium elegans, Bth. Ibid., 345-52.—**Hasenfratz, V.** Sur la présence d'un alcaloïde non oxygéné dans Gelsemium sempervirens. C. rend. Acad. sc., 1933, 196: 1530-2.—**Moisset de Espanés, E.** Effets cardiovasculaires de la gelsemine; action sur la pression carotidienne du chien. C. rend. Soc. biol., 1938, 127: 1002-4. Action cardiovasculaire de la gelsemine; action modificatrice vis-à-vis des effets de l'adrénaline et de l'excitabilité du pneumogastrique et du sinus carotidien. Ibid., 1176. Action cardiovasculaire de la gelsemine; étude de l'électrocardiogramme. Ibid., 1178. — Effets cardiovasculaires de la gelsemine, action sur le cœur isolé de grenouille. Ibid., 1433. — Effets de la gelsemine sur le système nerveux des poikilothermes. Ibid., 129: 546-8.—**Okanishi, T.** The poison of Hu-Man-Chiang. J. Orient. M., Dairen, 1933, 18: 41. — Pharmacological study on Humanin, a toxic ingredient of Hu-Man-Chiang. Ibid., 19: 70.—**Raymond-Hamet.** Sur l'activité physiologique de la gelsemine pure. C. rend. Acad. sc., 1937, 205: 1449-51.—**Risi, A.** Histo-biologische Untersuchungen über toxische Wirkung und Ausscheidung des Gelsemins. Zschr. Biol., 1938-39, 99: 446-56.—**Rothlin, E., & Raymond-Hamet.** Effets vasculaires de la sempervirine, alcaloïde sans oxygène de Gelsemium sempervirens Ait. C. rend. Soc. biol., 1934, 117: 754-6.

GELTZ, Franz, 1904- *Ueber Frühsterblichkeit an bayerischen Gebäranstalten. 15p. 8°. Münch. [n. pub.] 1929.

GELY, Raymond Jean Louis, 1893- *Le traitement des sinusites maxillaires par la vaccination locale. 25p. 8°. Par., Ed. Sem. dent., 1929.

GELZ, Hans Josef, 1914- *Eignet sich die Färbung nach Köster oder die nach Hansen zum Nachweis der Bruzella abortus Bang? Gibt es grampositive Bangbakterien? [München] 31p. 21cm. Quakenbrück, R. Kleinert, 1938.

GEM, A. H. How to keep fit. 126p. illust. 8°. Lond., Engl. Univ. Press [1937]

GEMANT, Andreas, 1895— Liquid dielectrics; English translation by Vladimir Karapetoff. ix, 185p. illust. diags. 8°. N. Y., J. Wiley & Sons, 1933.

GEMAYEL, Amin. L'hygiène et la médecine à travers la Bible. 296p. pl. 8°. Par., P. Gauthier, 1932.

GEMEINHARDT, Hans, 1906— *Die Norm des Harnstoffwertes im menschlichen Blute. p.622-9. 8°. Halle [n. pub.] 1933.

Also Zschr. ges. exp. Med., 1933, 88:

GEMEINHARDT, Konrad. Einführung in die Wehrpharmazie 2. Bd [Wehrmedizin viii, 115p. illust. 8°. Stuttg., F. Enke, 1936.

GEMELLI, Augustus, 1878— Skrupulosität und Psychasthenie; Psychopathologische Studien vorzüglich für Beichtväter, bearb. von P. Benno Linderbauer. 2 p. l. 312p. 12°. Regensburg, F. Pustet [1911?]

See also Kiesow, F., & Gemelli, A. Archivio italiano di psicologia. Tor., v.1, 1920—

GEMMA, Cornelius, 1534-79. De naturae divinis characterismis. 2v. in 1. 235p.; 302p. 8°. Antwerpen, Christ. Plantinus, 1575.

GEMMATION.

See also Cell-division; Reproduction.

Braem, F. Die Knospung der Margeliden, ein Bindeglied zwischen geschlechtlicher und ungeschlechtlicher Fortpflanzung. Biol. Zbl., 1908, 28: 790-8.—**Collin, B.** Sur l'existence de la conjugaison gemmiforme chez les acinétiens. C. rend. Acad. sc., 1909, 148: 1416-8.—**Gilchrist, F. G.** Budding and locomotion in the scyphistomas of Aurelia. Biol. Bull., 1937, 72: 99-124.—**Johnson, H. P.** Collateral budding in Annelids of the genus Trypanosyllis. Am. Natur., 1902, 36: 295-315.

GEMMEL, Alois, 1911— *Ueber den Einfluss der sozialen Verhältnisse auf den Zustand des Kindergebisses (an Hand von Untersuchungen an Schulkindern in Trier und Umgebung) 27p. 8°. Würzb., R. Mayr, 1936.

GEMMELL, John Edward, 1864-1931.

Murray, H. L. [Obituary] Liverpool Med. Chir. J., 1931, 39: 101.—**Murray, L., & Donald, A.** [Obituary] J. Obst. Gyn. Brit. Empire, 1931, 38: 119-21.—[Obituary] Lancet, Lond., 1931, 1: 327.

GEMMER, Ewald, 1911— *Das Problem der Geburteneinschränkung und Fehlgeburten vor und nach 1933 [Erlangen] 37p. 22cm. Coburg [n. pub.] 1937.

GEMPERL, Ottmar, 1908— *Welche Einflüsse hat der Zahnwechsel auf Bissanomalien? [Erlangen] 26p. 8°. Fürth i. Bay., L. Walbinger, 1935.

GEMPP, Otto [Ernst Friedrich] 1906—

*Zur Frage des Zusammenhangs zwischen der sogenannten Kappeninduration und der Tuberkulose der Lunge [Würzburg] 16p. 8°. Cambridge, W. Ammelung, 1930.

GEMUEND, Wilhelm, 1873— Leben und Anpassung; eine Studie über die ontogenetische Reproduktion und das aktive Anpassungsvermögen der lebenden Substanz. 160p. 8°. Bonn, F. Cohen, 1925.

GEMUSEUS, Alfred. *Das Stovain, ein neues Lokalanästhetikum. 33p. 8°. Bern, S. Spring & cie, 1905.

GEN.

See also Chromosome; Genetics; Genotype; Germ plasma; Heredity.

Berg, R. L. The relative roles of stabilization and redifferentiation of the gene in the evolution of the hereditary substance. Genetics, 1937, 22: 402-5.—**Bonnier, G.** Species-differences and gene-differences. Hereditas, Lund, 1927, 9: 137-44.—**Brachet, A.** The localization of development factors. Q. Rev. Biol., 1927, 2: 204-29.—**Buzzati-Traverso, A.** Il

gene modello 1937. Boll. Soc. ital. biol. sper., 1937, 12: 585-7.—**Cochrane, F. E.** The activity of genes in development. Rep. Brit. Ass. Advanc. Sc., 1937, 107: 370.—**Cohen-Kysper, A.** Das Determinationsproblem in analytischer Darstellung. Zschr. indukt. Abstamm., 1929, 50: 97-9.— Die Bedeutung des Gens für Determination und Entwicklung. Naturwissenschaften, 1933, 21: 229-35.—**Euler, H. von, & Nilsson, H.** Quantitative Enzymstudien über Mendel-Faktoren. Ibid., 1929, 17: 289.—**Ford, E. B., & Huxley, J. S.** Mendelian genes and rates of development in *Gammarus chevreuxi*. Brit. J. Exp. Biol., 1927-28, 5: 112-34, pl.—**Genes** have double function: vital as well as hereditary; Genetics conference at Woods Hole brings out many new facts and viewpoints on nature and activities of units. Science News Lett., 1935, 28: 149.—**Genes**; the units of heredity. News Serv. Bull., Wash., 1930-32, 2: 205-9.—**Goldschmidt, R.** Spontaneous chromatin rearrangements and the theory of the gene. Proc. Nat. Acad. Sc. U. S., 1937, 23: 621-3.— The theory of the gene. Sc. Month., 1938, 46: 268-73.—**Gratsiansky, V. I.** [Goldschmidt's new theory on material bases of heredity] Priroda, Leningr., 1939, 28: No. 6, 38-46.—**Grégoire, V.** Génétique et cytologie. Bull. Acad. Belgique, 1927, 5. ser., 13: cl. sc., 856-71.—**Grinnan, St. G. T.** The genes of inheritance in human affairs. Virginia M. Month., 1930-31, 57: 525-7.—**Gulick, A.** What are the genes? the genetic and evolutionary picture. Q. Rev. Biol., 1938, 13: 1; 140.—**Haan, H. de** [The symbolizing of hereditary factors] Genetica, Gravenh., 1934, 15: 1-22.—**Kabelik, J.** The unit of heredity. Clin. M. & S., 1934, 41: 94.—**Karczag, L.** Die Stereogene als Erbinheiten; eine neue Theorie der Vererbungserscheinungen. Zschr. indukt. Abstamm., 1928, 48: 86-144.—**Kuckuck, H., & Schick, R.** Die Erbfaktoren bei *Antirrhinum majus* und ihre Bezeichnung. Ibid., 1930, 56: 51-83.—**Ryzhkov, V. L.** [Labile state of genes, genome and cytoplasm] Usp. sovrem. biol., 1939, 11: 340-61.—**Ströer, W. F. H.** The gene, its function and its meaning in genetics. Q. Rev. Biol., 1936, 11: 57-69.—**Thompson, D. H.** The side-chain theory of the structure of the gene. Genetics, 1931, 16: 267-99.—**Wellensiek, S. J.** Notes on genic symbolization. Genetica, Gravenh., 1934, 16: 521-3.—**Wright, S.** The distribution of gene frequencies in populations. Proc. Nat. Acad. Sc. U. S., 1937, 23: 307-20.

— allelomorph.

Gaissnovitsch, A., & Gerschenson, S. Ein neues Allelomorph von *Beadex* bei *Drosophila melanogaster*. Biol. Zbl., 1928, 48: 385-7.—**Hammerschlag, V.** Ueber quantitativ differente, aber phänotypisch ununterscheidbare Gradausprägungen mancher Allele. Genetica, Gravenh., 1935, 17: 90-102.—**Hertwig, P.** Ein neuer Fall von multiplem Allelomorphismus bei *Antirrhinum*. Zschr. indukt. Abstamm., 1926, 41: 42-7.—**Imai, Y.** Recurrent reversible mutations in the duskish allelomorphs of *Pharbitis Nil*. Ibid., 1934-35, 68: 242-64.—**Just, G.** Ueber multiple Allele beim Menschen. Arch. Rassenb., 1930, 24: 208-27. Also Erg. Biol., 1935, 12: 221-324.—**Labbé, A.** Contributions à l'étude de l'allélogénèse; les cycles biologiques des *Dunaliella*. Arch. anat. micr., Par., 1925, 21: 313-99.— Contributions à l'étude de l'allélogénèse; l'histoire naturelle de *Paracartia grani* G. O. Sars. Bull. biol. France, 1929, 63: 562-616.—**Lewitt, S. G.** Untersuchungen über Treppenallelomorphismus; die Mutation Scute-9 bei der *Drosophila melanogaster* und die Frage nach den Allelformen-Analysatoren. Arch. Entwemch., 1930, 122: 770-83.—**Lüers, H.** Die Beeinflussung der Vitalität durch multiple Allele, untersucht an Vestigial-Allelen von *Drosophila melanogaster*. Ibid., 1935, 133: 88-117, tab.—**Sirks, M. J.** Multiple allelomorphs versus multiple factors. Proc. Internat. Congr. Plant Sc. (1926) 1929, 4. Congr., 1: 803-14.—**Snyder, L. H.** Studies in human inheritance: multiple allelomorphism as opposed to linkage in blood group heredity. Am. Natur., 1931, 65: 332-42.—**Stern, C.** Ueber die additive Wirkung multipler Allele. Biol. Zbl., 1929, 49: 261-90.

— Constancy.

See also Mutation; Variation.

Fruwirth, C. Linienfestigkeit nach Standortswechsel. Hereditas, Lund, 1927, 9: 145-56.—**Kerkis, I. I.** [Stability and variability of genes] Priroda, Leningr., 1938, 27: 64-78.—**Stubbe, H.** Labile Gene. Bibliogr. genet., Gravenh., 1933, 10: 299-356.— Ueber den Einfluss artfremden Plasmas auf die Konstanz der Gene. Zschr. indukt. Abstamm., 1935, 70: 161-9.

— Deficiency.

See under Heredity, Pathology.

— dominant, and epistatic.

Berge, S. Die Wahrscheinlichkeit für Homozygotie (AA) der Dominanttypen bei vollständiger Dominanz in monohybrischen Spaltungen. Zschr. indukt. Abstamm., 1931, 58: 157-65.—**Berilov, J.** [Physiological principle of dominance] Med. biol. J., Moskva, 1927, 3: 82-98.—**Davenport, C. B.** Determination of dominance in Mendelian inheritance. Proc. Am. Philos. Soc., 1908, 47: 59-63.—**Dubovsky, N. V., & Kelstein, L. V.** Reverse mutations of dominant genes. Bull. biol. méd. exp. URSS, 1938-39, 6: 733-5.—**Fisher, R. A.** The

evolution of dominance in certain polymorphic species. *Am. Natur.*, 1930, 64: 385-406. Also *Biol. Rev. Cambridge Philos. Soc.*, 1931, 6: 345-68. — The detection of linkage with dominant abnormalities. *Ann. Eugen.*, *Cambr.*, 1934-35, 6: 187-201. — Dominance in poultry: feathered feet, rose comb, internal pigment, and pile. *Proc. R. Soc., Lond.*, 1938, ser. B, 125: 25-48. — **Ford, E. B.** The theory of dominance. *Am. Natur.*, 1930, 64: 560-6. — **Goldschmidt, R.** Gene and character; a selection experiment with dominigenes. *Univ. California Pub.*, 1937, 41: Zool., 329-33. — **Hagedoorn, A. L.** Ueber Dominanz bei der Hausmaus. *Zschr. induct. Abstamm.*, 1935, 70: 509-12. — **Haldane, J. B. S.** A probable new sex-linked dominant in man. *J. Hered.*, 1937, 28: 58-60. — The theory of the evolution of dominance. *J. Genet.*, *Cambr.*, 1938-39, 37: 365-74. — **Hammerschlag, V.** Ueber Polyallelie bei Mensch und Tier und über das Dominanzphänomen; zugleich ein Beitrag zu Goldschmidts Theorie der Vererbung. *Zschr. ges. Anat.*, 2. Abt., 1932-33, 17: 393-417. — Ueber Polyallelie und über das Dominanzphänomen; die japanische Tanzaus und die Schüttelmaus von Lord und Gates. *Ibid.*, 14-27. — Ueber die verschiedenen Dominanzverhältnisse polyalleler Reihen, die absolute Dominanz und die Gewinnmutation. *Ibid.*, 688-722. — Ueber Polyallelie und über das Dominanzphänomen; über den Phänotypus der Heterozygote, Belege für die Hypothese vom Aufbruch der Energiereserve und über die Prämutation. *Ibid.*, 723-39. — Ueber Dominanz im erbologischen Sprachgebrauch und in der Wirklichkeit. *Ibid.*, 1933-34, 18: 135-47. — **Koller, S., & Lauprecht, E.** Die Bestimmung der Erbformel eines Tieres mit dominantem Merkmal aus seinen Vorfahren und Nachkommen. *Zschr. induct. Abstamm.*, 1933, 66: 1-30. — **Levit, S. G.** The problem of dominance in man. *J. Genet.*, *Cambr.*, 1936, 33: 411-34. — **Mather, K., & North, S. B.** Umbrous; a case of dominance modification in mice. *Ibid.*, 1940-41, 40: 229-41. — **Mohr, O. L.** Exaggeration and inhibition phenomena encountered in the analysis of an autosomal dominant. *Zschr. induct. Abstamm.*, 1929, 50: 113-200. — **Nilsson, E.** Erblieblichversuche mit Pism; Unterdrückung der Dominanz eines Faktors durch die Wirkung anderer genetischer Faktoren. *Hereditas*, *Lund*, 1929, 12: 17-32. — **Tower, W. L.** The determination of dominance and the modification of behavior in alternative (Mendelian) inheritance, by conditions surrounding or incident upon the germ cells at fertilization. *Biol. Bull.*, 1909-10, 18: 285-352, 8 pl. — **Volovik, M. P.** The dependence of dominance upon internal and external factors. *Bull. biol. méd. exp. URSS*, 1938-39, 6: 729-32. — **Wright, S.** Physiological and evolutionary theories of dominance. *Am. Natur.*, 1934, 68: 24-53.

— Effect of various agents.

See also Embryogeny, Effect of external factors; Gamete, Disease, and injury.

Borak, J. Ueber neuere Versuche zur Frage: Keimdrüsenbestrahlung und Vererbung. *Arch. Gyn.*, *Berl.*, 1931, 147: 304-59. — **Danforth, C. H.** Genetic factors in the response of feather follicles to thyroxin and theelin. *J. Exp. Zool.*, 1933, 65: 183-97. — Genie and hormonal factors in biological processes. In *Harvey Lect.*, *Balt.*, 1938-39, 34: 246-64. — **Dobrovolskaia-Zavadskaia, N.** L'irradiation des testicules et l'hérédité chez la souris. *Arch. biol. Liège*, 1928, 38: 457-501, pl. 2 ch. — **Driver, E. C.** Temperature and gene expression in *Drosophila*. *J. Exp. Zool.*, 1931, 59: 1-28. — **Friesen, H.** Röntgenmorphosen bei *Drosophila*. *Arch. Entwmech.*, 1936, 134: 147-65. — **Hiorth, G.** Ein Versuch über den Einfluss der Erwärmung des Pollens auf die Nachkommenschaft. *Zschr. induct. Abstamm.*, 1930, 56: 39-50. — **Imai, T.** The influence of temperature on variation and inheritance of bodily dimensions in *Drosophila melanogaster*. *Arch. Entwmech.*, 1933, 128: 634-60. — **Lenz, F.** Erbänderung durch Röntgenstrahlen. *Münch. med. Wschr.*, 1927, 74: 2135-7. — **Lobashev, M. E., & Pavlovets, M. T.** [Effect of temperature on irradiated sexual cells in *Drosophila melanogaster*] *Biol. J., Moskva*, 1937, 6: 689-96. — **Luce, W. M.** Temperature studies on bar-infrabar. *J. Exp. Zool.*, 1935, 71: 125-47. — **Maxwell, F. J.** Genetic effects of X-raying adult males and females of *Habrobracon*. *Univ. Pittsburgh Bull.*, 1934, 31: No. 1, 617. — **Pickhan, A.** Erb-schädigung durch Strahlen. *Strahlentherapie*, 1938, 62: 240-50. — **Rokizky, P. T.** Ueber das Hervorrufen erblicher Veränderungen bei *Drosophila* durch Temperaturwirkung. *Biol. Zbl.*, 1930, 50: 554-66. — **Snyder, L. H.** Roentgen rays, induced sterility, and the production of genetic modifications. *Am. J. Roentg.*, 1925, n. ser., 14: 241-4. — **Stadler, L. J.** Some genetic effects of X-rays in plants. *J. Hered.*, 1930, 21: 3-19. — **Tschidjian, E.** On induction, stimulation and genic activity. *Acta biother.*, *Leiden*, 1939, 4: 181-96. — **Timofeev-Ressovsky, H. A.** Röntgenbestrahlungsversuche mit *Drosophila funebris*. *Naturwissenschaften*, 1930, 18: 431-4. — **Timofeev-Ressovsky, N. W., & Zimmer, K. G.** Strahlengenetische Zeitfaktorversuche an *Drosophila melanogaster*. *Strahlentherapie*, 1935, 53: 134-8.

— Independent assortment.

Dunn, L. C. Independent genes in mice. *Genetics*, 1920, 5: 344-61. — **Pirovano, A.** Su alcuni spostamenti dallo schema mendeliano dovuti a trasposizione od ubicazione polare di determinanti. *Riv. biol.*, 1932, 14: 36-45. — **Sverdrup, A.** Linkage and independent inheritance in *Pisum sativum*. *J. Genet.*, *Lond.*, 1926-27, 17: 221-51, 3 pl. — **Warren, D. C.** Nine independently inherited autosomal factors in the domestic fowl. *Genetics*, 1933, 18: 68-81.

— Interaction, and modifiers.

Brink, R. A. The sugary gene in maize as a modifier of the waxy ratio. *Genetics*, 1927, 12: 461-91. — & **Burnham, C. R.** Differential action of the sugary gene in maize on 2 alternative classes of male gametophytes. *Ibid.*, 348-78. — **Burlingame, L. L.** The interaction of genes; quantitative variations and multiple genes; genes and their mode of action. In his *Hered. & Social Probl.*, *N. Y.*, 1940, 70-101. — **Danforth, C. H.** The interaction of genes in development. *Proc. Soc. Exp. Biol.*, *N. Y.*, 1926-27, 24: 69-71. — & **Aberle, S. B.** de. The functional inter-relation of certain genes in the development of the mouse. *Genetics*, 1927, 12: 340-7. — **Gordon, M.** Pigment inheritance in the Mexican killifish; interaction of factors in *Platyopocilus maculatus*. *J. Hered.*, 1928, 19: 551-6. — **Heifer, R. G.** Dominance modifiers of scute in *Drosophila pseudoobscura*. *Genetics*, 1939, 24: 278-301. — **Ideberger, K.** Zur Frage des Vorkommens X-gebundener Modifikatoren beim Menschen. *Allg. Zschr. Psychiat.*, 1939, 112: 160-7. — **Muller, H. J., Prokofyeva, A., & Raffel, D.** Minute intergenic rearrangement as a cause of apparent gene mutation. *Nature*, *Lond.*, 1935, 135: 253-5. — **Powers, L.** The nature of the interaction of genes affecting 4 quantitative characters in a cross between *Hordeum deficiens* and *Hordeum vulgare*. *Genetics*, 1936, 21: 398-420. — **Rhoades, M. M.** Effect of the Dt gene on the mutability of the a allele in maize. *Ibid.*, 1938, 23: 377-97. — **Sakharov, V. V.** [Correlation between different genes in *Drosophila melanogaster*] *Biol. J., Moskva*, 1936, 5: 537-40. — **Sirks, M. J.** The interrelations of some anthocyanine-factors in the potato. *Genetica*, *Gravenh.*, 1928-29, 11: 293-328. — **Wright, S.** The effects of combination of the major color-factors of the guinea-pig. *Genetics*, 1927, 12: 530-69.

— lethal.

See also Mutation.

Asmundson, V. S. Abnormal upper mandible, a new lethal mutation in the domestic fowl. *J. Hered.*, 1936, 27: 401-4, 2 figs., 2 tab. — **Bedicsek, S., & Haldane, J. B. S.** A search for autosomal recessive lethals in man. *Ann. Eugen.*, *Cambr.*, 1937-38, 8: 245-54. — **Berg, R. L.** The relative frequency of mutations in different chromosomes of *Drosophila melanogaster*; lethal mutations. *Genetics*, 1937, 22: 225-40. — **Castle, W. E.** On a method for testing for linkage between lethal genes. *Proc. Nat. Acad. Sc. U. S.*, 1939, 25: 593. — **Chesley, P.** Lethal action in the short-tailed mutation in the house mouse. *Proc. Soc. Exp. Biol.*, *N. Y.*, 1932, 29: 437. — **Crew, F. A. E., & Kon, S. K.** A lethal in the rat. *J. Genet.*, *Cambr.*, 1933, 28: 25-31. — **Dobrovolskaia-Zavadskaia, N., & Koboziev, N.** Sur le facteur léthal accompagnant l'anurie et la brachyurie chez la souris. *C. rend. Acad. sc.*, 1930, 191: 352-5. — **Dyke, S. C.** A note on the possible existence of a lethal factor. *Proc. R. Soc. M., Lond.*, 1922-23, 16: sect. path., 43-6. — **Erfolmsen, V. P.** [Analysis of the effect of certain factors on the vitality of the silk worm] *Biol. J., Moskva*, 1932, 1: 51-86. — [Accumulation and effect of lethal factors] *Ibid.*, 87-102. — Einwirkung der Temperatur auf die Entstehung von letalen Mutationen. *Biol. Zbl.*, 1932, 52: 674-6. — **Ephrussi, B.** Sur le facteur léthal des souris brachyures. *C. rend. Acad. sc.*, 1933, 197: 96-8. — **Fell, H. B., & Grüneberg, H.** The histology and self-differentiating capacity of the abnormal cartilage in a new lethal mutation in the rat (*Rattus norvegicus*). *Proc. R. Soc., Lond.*, ser. B, 1939, 127: 257-77, 3 pl. — **Gluecksohn-Schoenheimer, S.** Time of death of lethal homozygotes in the T, brachyury, series of the mouse. *Proc. Soc. Exp. Biol.*, *N. Y.*, 1938-39, 39: 267. — The effect of an early lethal (t^s) in the house mouse. *Genetics*, 1940, 25: 391-400, pl. — **Grechishkin, S. V., & Papoport, I. A.** [Effect of borderline rays on the separation of chromosomes and the appearance of lethal mutations in *Drosophila melanogaster*] *Vest. rentg.*, 1936, 16: 10-17. — **Green, C. V.** Shifts in expressivity in the heterozygote of a dominant lethal gene in the mouse. *J. Exp. Zool.*, 1936, 73: 231-62. — Multiple lethal genes in the mouse. *J. Hered.*, 1936, 27: 181-2. — **Grüneberg, H.** An analysis of the pleiotropic effects of a new lethal mutation in the rat (*Mus norvegicus*). *Proc. R. Soc., Lond.*, 1938, ser. B, 125: 123-44, 4 pl. — Some new data on the grey-lethal mouse. *J. Genet.*, *Cambr.*, 1938, 36: 153-70. — The linkage relations of a new lethal gene in the rat (*Rattus norvegicus*). *Genetics*, 1939, 24: 732-46. — **Gulbekian, K. G.** [Inducing lethal mutations by roentgen irradiation of the head of *Drosophila melanogaster*] *Biol. J., Moskva*, 1936, 5: 39-46. — **Hallqvist, C.** Koppelingen und synthetische Lethalität bei den Chlorophyllfaktoren der Gerste. *Hereditas*, *Lund*, 1926, 8: 229-54. — **Hanson, F. B., & Heys, F.** An analysis of the effects of the different rays of radium in producing lethal mutations in *Drosophila*. *Am. Natur.*, 1929, 63: 201-13. — **Hutt, F. B.** A hereditary lethal muscle contracture in cattle. *J. Hered.*, 1934, 25: 41-6. — **Jenkin, T. J.** Inheritance in *Lolium perenne* L.; a second pair of lethal factors. *J. Genet.*, *Lond.*, 1927-28, 19: 403-17. — **Kempton, J. H.** A dominant lethal chlorophyll mutation in maize. *J. Agr. Res.*, 1924-25, 29: 307-9. — **Kobozieff, N.** La létalité des souris anoures et brachyures, statistique des embryons abortifs. *C. rend. Acad. sc.*, 1934, 198: 617-9. — & **Pomrinskij-Koboziev, N. A.** Les mutations létales. *Rev. gén. sc. pur.*, 1937, 48: 3-10. — **Law, L. W.** The effects of chemicals on the lethal mutation rate in *Drosophila melanogaster*. *Proc. Nat. Acad. Sc. U. S.*, 1938, 24: 546-50. — **Lienhart, R.** Quelques cas nouveaux de létalité.

C. rend. Soc. biol., 1937, 126: 336-42.—**Lobashev, M. E.** [Frequency of lethal mutations in matured and non-matured sexual cells of *Drosophila melanogaster* in relation to the dose of roentgen rays] Biol. J., Moskva, 1938, 7: 581-94.—**Patterson, J. T.** Lethal mutations and deficiencies produced in the x-chromosome of *Drosophila melanogaster* by x-radiation. Am. Natur., 1932, 66: 193-206.—**Plough, H. H., & Child, G. P.** Autosomal lethal mutation frequencies in *Drosophila*. Proc. Nat. Acad. Sc. U. S., 1937, 23: 435-40.—**Redfield, H.** The maternal inheritance of a sex-limited lethal effect in *Drosophila melanogaster*. Genetics, 1926, 2: 482-502.—**Reed, S. C.** Mammalian lethal characters. J. Mammal., 1934, 15: 313-5.—**Schwartz, V.** Ueber einen geschlechtsgebundenen Letalfaktor bei *Ephestia kühniella* Z. Biol. Zbl., 1937, 57: 347-54.—**Sekla, B.** [Lethal and sublethal factors; their importance in biology, genetics, and medicine] Cas. lek. česk., 1932, 71: 1256; 1298.—**Sturtevant, A. H.** Autosomal lethals in wild populations of *Drosophila pseudoobscura*. Biol. Bull., 1937, 73: 542-51.—**Timofeev-Ressovsky, N. W.** Ein Fall geschlechtsgebundener balancierter Letalfaktoren bei *Drosophila melanogaster*. Arch. Entwemch., 1926, 107: 651-71.—**Waalder, G. H. M.** [Hereditary lethal factors dependent on sex] Norsk mag. lægevid., 1928, 89: 49-56.—**Wipprecht, C., & Horlacher, W. R.** A lethal gene in Jersey cattle. J. Hered., 1935, 26: 363-8.

Linkage.

See also **Chromosome**.

LUDWIG, W. Faktorenkoppelung und Faktorenaustausch bei normalem und aberrantem Chromosomenbestand. 245p. 21cm. Lpz., 1938.

MATHER, K. The measurement of linkage in heredity. 132p. 16° N. Y., 1938.

STERN, C. Faktorenkoppelung und Faktorenaustausch. 331p. 8° Berl., 1933.

Beers, C. V. Linkage groups in *Drosophila pseudoobscura*, race B. Genetics, 1937, 22: 577-86.—**Brink, R. A., & Cooper, D. C.** The association of semisterile-1 in maize with two linkage groups. Ibid., 1931, 16: 595-628.—**David, P. R.** The linkage relations of long in *Habrobracon juglandis*. Abstr. Theses Univ. Pittsburgh, 1930, 6: 250.—**Delmas, R.** Etude d'un linkage chez *Bombyx mori* L. Bull. biol., Par., 1935, 49: 245-58.—**De Winton, D., & Haldane, J. B. S.** The genetics of *Primula sinensis*; linkage in the diploid. J. Genet., Cambr., 1935, 31: 67-100.—**Dodge, B. O.** A new dominant lethal in *Neurospora*; the E locus in *N. tetrasperma*. J. Hered., 1939, 30: 467-74. pl.—**Dunn, L. C.** Linkage in mice and rats. Genetics, 1920, 5: 325-43.—**Finney, D. J.** The detection of linkage. Ann. Eugen., Cambr., 1940, 10: 171-214.—**Fisher, R. A.** The amount of information supplied by records of families as a function of the linkage in the population sampled. Ibid., 1934-35, 6: 66-70. — The use of simultaneous estimation in the evaluation of linkage. Ibid., 71-6.

The precision of the product formula for the estimation of linkage. Ibid., 1939-40, 9: 50-4. — **Mather, K.** A linkage test with mice. Ibid., 1936, 7: 265-80.—**Gates, W. H.** Linkage of short ear and density in the house mouse. Proc. Nat. Acad. Sc. U. S., 1927, 13: 575-8. Also Genetics, 1928, 13: 170-9.—**Green, C. V.** Linkage in size inheritance. Am. Natur., 1931, 65: 502-11. — Apparent changes with age in crossing-over between colour and size genes in mice. J. Genet., Cambr., 1935, 30: 101-6.—**Haldane, J. B. S.** Methods for the detection of autosomal linkage in man. Ann. Eugen., Cambr., 1934-35, 6: 26-65.—**Hammarlund, C.** Ueber einen Fall von Koppelung und freier Kombination bei Erbsen. Hereditas, Lund, 1927-28, 10: 303-27.—**Herzberg-Fränk, O.** Faktorenkoppelung bei Pflanzen. Zschr. indukt. Abstamm., 1925, 38: 324-48.—**Hutchinson, J. B.** The application of the method of maximum likelihood to the estimation of linkage. Genetics, 1929, 14: 519-37.—**Hutt, F. B.** Genetics of the fowl; a four-gene autosomal linkage group. Ibid., 1932, 17: 82-94.—**Huxley, J. S.** Sexual difference of linkage in *Gammarus chevreuxi*. J. Genet., Lond., 1928-29, 20: 145-56.—**Imai, Y.** Linkage studies in *Pharbitis Nil*. Zschr. indukt. Abstamm., 1931, 58: 317-31.—**Immer, F. R.** Calculating linkage intensities from F_3 data. Genetics, 1934, 19: 119-36.—**Jenkins, M. T.** A factor for yellow-green chlorophyll color in maize and its linkage relations. Ibid., 1927, 12: 492-518.—**Jull, M. A.** The association of comb and crest characters in the domestic fowl. J. Hered., 1930, 21: 21-8.—**King, H. D., & Castle, W. E.** Linkage studies of the rat (*Rattus norvegicus*). Proc. U. S. Nat. Acad. Sc., 1935, 21: 390; 1937, 23: 56.—**Körösy, K.** Genkoppelung und Wahrscheinlichkeitsrechnung. Naturwissenschaften, 1932, 20: 324-30. — Transitive interference in gene linkage. Nature, Lond., 1937, 140: 322.—**Lamprecht, H.** [The gene Uni and its cross with other genes in the Pisum] Hereditas, Lund, 1933, 18: 269-96.—**Levit, S. G.** [Linkage of genes in mankind] Med. biol. J., Moskva, 1929, 5: 40-50.—**Lien Fang Chao.** Linkage studies in rice. Genetics, 1928, 13: 133-69.—**Malinowski, E.** Linkage phenomena in wheat. J. Genet., Lond., 1926-27, 17: 157-85, 4 pl. — A case of linkage of a higher order. Proc. Internat. Congr. Plant Sc. (1926) 1929, 4. Congr., 1: 833-6.—**Mather, K.** Types of linkage data and their value. Ann. Eugen., Cambr., 1936, 7: 251-64.—**Miyake, K., & Imai, Y.**

On a monstrous flower and its linkage in the Japanese morning glory. J. Genet., Lond., 1925-26, 16: 63-76, pl.—**Nilsson, E.** Erblichkeitsversuche mit Pisum; die Koppelungsgruppen Pa-R-T1-Btb und Wlo-P-Pl. Hereditas, Lund, 1939, 25: 48-64.—**Penrose, L. S.** The detection of autosomal linkage in data which consist of pairs of brothers and sisters of unspecified parentage. Ann. Eugen., Cambr., 1934-35, 6: 133-8. — Genetic linkage in graded human characters. Ibid., 1937-38, 8: 233-7.—**Ranke, M.** Faktorenkoppelung und Faktorenanalyse bei *Antirrhinum majus*. Zschr. indukt. Abstamm., 1930, 53: 235-78, ch.—**Rasmusson, J.** Genetically changed linkage values in Pisum. Hereditas, Lund, 1927, 10: 1-152.—**Shull, G. H.** An unexpected association of factors belonging to 3 linkage groups in *Oenothera* and its explanation. Proc. Nat. Acad. Sc. U. S., 1929, 15: 268-74.—**Snell, G. D.** A cross-over between the genes for short-ear and density in the house mouse. Ibid., 1928, 14: 926-8.—**Stern, C.** Zytologisch-genetische Untersuchungen als Beweise für die Morgansche Theorie des Faktorenaustausches. Biol. Zbl., 1931, 51: 547-87.—**Übisch, G. von.** Koppelung von Farbe und Heterostylie bei *Oxalis rosea*. Ibid., 1926, 46: 633-45.—**Wachter, W. L.** Linkage studies on mice. Genetics, 1927, 12: 108-14.—**Wellensiek, S. J.** Linkage-studies in Pisum. Genetica, Gravenh., 1927, 9: 433; 1928, 11: 273; tab.

Location.

Heptner, M. A. [Dependence of the mutation of definite genes to their position in the chromosome] Biol. J., Moskva, 1938, 7: 1121-38.—**Kostoff, D.** The most probable place of location of the genes in the chromonemata. Nature, Lond., 1938, 141: 749.—**Svedelius, N.** An evaluation of the structural evidences for genetic relationships in plants; Algae. Proc. Internat. Congr. Plant Sc. (1926) 1929, 4. Congr., 1: 457-71.—**Winge, O.** The location of 18 genes in *Lebistes reticulatus*. J. Genet., Lond., 1927-28, 18: 1-43, 3 pl.

Multiple-factor (quantitative) inheritance.

Charles, D. R., & Smith, H. H. Distinguishing between 2 types of gene action in quantitative inheritance. Genetics, 1939, 24: 34-48.—**Droogelever Fortuyn, A. B.** A cross of gene environment as a means of studying the inheritance of some quantitative characters in *Musculus musculus*. Genetica, Gravenh., 1939, 21: 243-79.—**Filipchenko, jr.** Untersuchungen über Variabilität und Vererbung der quantitativen Merkmale beim Weizen. Zschr. indukt. Abstamm., 1926, 42: 47-92. — Zur Frage nach der Berechnung der Faktorenzahl bei Vererbung quantitativer Merkmale. Ibid., 1929, 51: 245-8.—**Fisher, R. A., Immer, F. R., & Tedin, O.** The genetical interpretation of statistics of the third degree in the study of quantitative inheritance. Genetics, 1932, 17: 107-24.—**Goodale, H. D.** Dominant vs. non-dominant genes; in the multiple factor hypothesis of size inheritance. J. Hered., 1932, 23: 487-97.—**Green, C. V.** Size inheritance and growth in a mouse species cross (*Mus musculus* x *Mus bactrianus*) inheritance of adult quantitative characters. J. Exp. Zool., 1931, 59: 213-45.—**Panse, V. G.** A statistical study of quantitative inheritance. Ann. Eugen., Cambr., 1940, 10: 76-105.—**Serebrovsky, A. S.** An analysis of the inheritance of quantitative transgressive characters. Zschr. indukt. Abstamm., 1928, 48: 229-43.—**Sinnott, E. W.** The relation of gene to character in quantitative inheritance. Proc. U. S. Nat. Acad. Sc., 1937, 23: 224-7.—**Wriedt, C.** Die Vererbung quantitativer Eigenschaften bei Wirbeltieren. Zschr. indukt. Abstamm., 1930-31, 57: 211-25.

Mutation.

See **Mutation**.

Pathology.

See **Heredity**, **Pathology**.

Pleiotropy.

See also subheading **Interaction**.

Caspari, E. Ueber die Wirkung eines pleiotropen Gens bei der Mehlmotte *Ephestia kühniella* Zeller. Arch. Entwemch., 1933, 130: 353-81.—**Kirpichnikov, V. S., & Balkashina, E. I.** [Data on the genetics and selection of the carp; fundamental series of genes of the scales and the problem of pleiotropism of genes of the carp] Biol. J., Moskva, 1936, 5: 327-76.—**Strohl, J., & Köhler, W.** Die Wirkung eines pleiotropen Gens auf Färbung, Lebensdauer und Fortpflanzungsfähigkeit der Imago bei der Mehlmotte *Ephestia kühniella* Z. Nachr. Ges. Wiss. Göttingen, math. phys. Kl., 1935, n. F., 2: Biol., 31-53.

Position effect.

Dobzhansky, T. Position effects on genes. Biol. Rev. Cambridge Philos. Soc., 1936, 11: 364-84.—**Dubin, N. P.** [New type of position effect of genes] Biol. J., Moskva, 1936, 5: 851-74.—**Muller, H. J.** The position effects as evidence of the localization of the immediate products of gene activity. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 587-9.—**Rokizky, P. T.** Ueber die differentielle Wirkung des Gens auf verschiedene Körpergegenden. Zschr. indukt. Abstamm., 1930-31, 57: 37-91.

recessive.

Cambridge, P. J., & Howard, H. A. H. Hyperglycaemia as a Mendelian recessive character in mice. *J. Genet.*, Lond., 1925-26, 16: 387-92.—**Cotterman, C. W., & Snyder, L. H.** Studies in human inheritance; the gene-frequency analysis of double recessive inheritance involving one autosomal and one sex-linked gene substitution. *Genetica*, Gravenh., 1937, 19: 537-52.—**Crew, F. A. E.** Waved: an autosomal recessive coat form character in the mouse. *J. Genet.*, Camb., 1933, 27: 95.—**Fisher, R. A.** The estimation of the proportion of recessives from tests carried out on a sample not wholly unrelated. *Ann. Eugen.*, Camb., 1940, 10: 160-70.—**Haldane, J. B. S.** The estimation of the frequencies of recessive conditions in man. *Ibid.*, 1937-38, 8: 255-62. — A hitherto unexpected complication in the genetics of human recessives. *Ibid.*, 263-5.—**Kosminsky, P. A., Erschova, B. P., & Guseva, M. I.** [Data on the genetics of the silk-worm (*Bombyx mori* L.) data on the recessive multilunar character]. *Biol. J.*, Moskva, 1938, 7: 813-26.—**Lamprecht, H.** Lokale Umwandlung von Recessivität in Dominanz durch die Wirkung eines besonderen Gens bei *Phaseolus vulgaris*. *Zschr. indukt. Abstamm.*, 1939, 77: 186-94.—**Snyder, L. H.** Studies in human inheritance; a table to determine the proportion of recessives to be expected in various matings involving a unit character. *Genetics*, 1934, 19: 1-17, port.

Relation to specific character.

See also **Heredity**; **Morphogenesis**; also names of specific characters as **Blood-group**; **Growth**; **Hair**; **Height and weight**; **Pigmentation**; **Sex**, &c.

DEMEREZ, M. Genetic relations of five factor pairs for virescent. 38p. 8°. Ithaca, N. Y., 1924.

RITZMAN, E. G. The multinipple trait in sheep and its inheritance; a proposed genetic analysis. 32p. 8°. Durham, 1933.

Andersson, I. Note on some characters in ferns subject to Mendelian inheritance. *Hereditas*, Lund, 1927, 9: 157-68.—**Chatton, E., Lwoff, A., & Lwoff, M.** Les infraclatitudes et la continuité génétique des systèmes ciliaires récessifs. *C. rend. Acad. sc.*, 1929, 188: 1190-2.—**Clausen, R. E.** Inheritance in *Nicotiana tabacum*; the fluted assemblage. *Am. Natur.*, 1931, 65: 316-31.—**Colomba, G.** Sul valore ereditario del carattere file di granelli nella spiga del granturco. *Boll. Soc. natur. Napoli* (1924) 1925, 2. ser., 16: 40-8.—**Coutagne, G.** De la sélection des caractères polytaxiques dans le cas des croisements mendéliens. *C. rend. Acad. sc.*, 1904, 38: 298-300.—**Danforth, C. H.** Two factors influencing feathering in chickens. *Genetics*, 1929, 14: 256-69.—**Dionigi, A.** Eredità del potere di regolazione nel frumento. *Riv. biol.*, 1938, 26: 189-99.—**Dobrovolskaia-Zavadskaja, N.** Brachyurie, accompagnée de courbures et structure génétique de la queue chez la souris. *C. rend. Soc. biol.*, 1927, 97: 1583-5.—**Dogiel, V., & Fedorova, T.** On the variation and inheritance of some morphological characters in *Ophryoscolex purkynii* (*Infusoria oligotricha*). *J. Genet.*, Lond., 1925-26, 16: 257-68.—**Dubinin, N. P., & Sidorov, B. N.** [Basigen of achate-scutelairwing]. *Biol. J.*, Moskva, 1933, 2: 132-44.—**Dunn, L. C.** A new gene affecting behavior and skeleton in the house mouse. *Proc. Nat. Acad. Sc. U. S.*, 1934, 20: 230-2.—**M. A.** Inheritance of some characters of the silky fowl. *J. Genet.*, Lond., 1927-28, 19: 27-63.—**East, E. M.** Inheritance of heterostyly in *Lythrum salicaria*. *Genetics*, 1927, 12: 393-414.—**Peculiar genetic results due to active gametophyte factors.** *Hereditas*, Lund, 1927, 9: 49-58.—**Engledow, F. L., & Wadham, S. M.** Inheritance in wheat; an unfixable wheat (investigations on the late M. Philippe del Viminio's race de blé natif infixable). *J. Genet.*, Lond., 1925-26, 16: 1-18.—**Engledow, F. L., & Hutchinson, J. B.** Inheritance in wheat; *T. turgidum* × *T. durum* crosses, with notes on the inheritance of solidness of straw. *Ibid.*, 19-32, pl.—**Ephrussi, B., & Beadle, G. W.** Sur les conditions de l'autodifférenciation des caractères mendéliens. *C. rend. Acad. sc.*, 1935, 201: 1148-50.—**Ernst, A.** Genetische Studien über Heterostylie bei *Primula*. *Arch. Julius Klaus Stift.*, 1925, 1: 13-62, 2 pl.—**Weitere Studien über die Vererbung der Calycanthemie bei *Primula*.** *Ibid.*, 1931, 6: 277-375. — Heterostylie-Forschung; Versuche zur genetischen Analyse eines Organisations- und Anpassungsmerkmals. *Zschr. indukt. Abstamm.*, 1936, 71: 156-230.—**Filipitschenko, J.** Gene und Entwicklung der Aehrenform beim Weizen; vorläufige Mitteilung. *Biol. Zbl.*, 1929, 49: 1-16.—**Ford, E. B., & Huxley, J. S.** Genetic rate-factors in *Gammarus*. *Arch. Entwmech.*, 1929, 117: 67-79.—**Frets, G. P.** [Hereditary factors of cranial conformation and color of eyes]. *Ned. tschr. geneesk.*, 1927, 71: 417.—**Goldschmidt, R.** Gene and character; further data on the vg dominigenes in *Drosophila melanogaster*. *Univ. California Pub.*, 1937, 41: Zool., 285-96. — Gene and character; the nonhereditary kn effect in *Drosophila*. *Ibid.*, 315-26. — **Höner, E.** Gene and character; dominigenes and vg allelomorphs. *Ibid.*, 299-314.—**Hayes, H. K., & Brewbaker, H. E.** Heritable characters in maize; sorghum tassels. *J. Hered.*, 1928, 19: 561-7.—**Heppner, M. J.** Further evidence on the factor for bitterness in the sweet almond. *Genetics*, 1926, 2: 605.—**Jenkin, T. J.** Inheritance in *Lolium*

perenne L.; seedling characters, lethal and yellow-tipped albino. *J. Genet.*, Lond., 1927-28, 19: 391-402.—**Johansson, I.** Studies on inheritance in pigeons; number of tail feathers and uropygial gland. *Genetics*, 1927, 12: 93-107.—**Jull, M. A., & Quinn, J. P.** The production of hen-feathered Brown-Leghorns by breeding. *J. Hered.*, 1930, 21: 177-86. — Inheritance in poultry; data on the genetics of vulture hock, hen feathering and crooked neck in the domestic fowl. *Ibid.*, 1931, 22: 147-54.—**Just, G.** Erbanlage und Eigenschaft. *Eugenik*, Berl., 1930-31, 1: 77-83.—**Kempton, J. H.** Heritable characters in maize; branched silkless. *J. Hered.*, 1934, 25: 29-32.—**Knapp, B., Emmel, M. W., & Ward, W. F.** The inheritance of screw tail in cattle. *Ibid.*, 1936, 27: 269-71.—**Kopeč, S.** An experimental study on xenia in the domestic fowl. *J. Genet.*, Lond., 1925-26, 16: 269-86.—**Kuhn, E.** Untersuchungen zum Problem der Vererbung der Blütenfüllung bei Matthiola. *Zschr. indukt. Abstamm.*, 1934, 70: 538; 1936-37, 72: 387.—**Lamprecht, H.** Beiträge zur Genetik von *Phaseolus vulgaris*; über Vererbung von Hülsenfarbe und Hülsenform. *Hereditas*, Lund, 1932, 16: 295-340.—**Landauer, W., & Dunn, L. C.** The Frizzle character of fowls; its expression and inheritance. *J. Hered.*, 1930, 21: 291-305.—**Lesley, M. M., & Frost, H. B.** Mendelian inheritance of chromosome shape in *Matthiola*. *Genetics*, 1927, 12: 449-60.—**Létard, E.** Les facteurs déterminant le caractère Rex. *C. rend. Soc. biol.*, 1930, 103: 260.—**Lienhart, R.** Essai d'identification des différents formules héréditaires des lapins castorrex. *Ibid.*, 1009-12.—**Marchlewski, T.** [Study on heredity in good milkers in cows]. *Bull. internat. Acad. polon. sc.*, 1930, 495-510.—**Prakken, R.** Zwei verschiedene Fälle somatischer Spaltung in der Blütenepidermis heterozygoter Pflanzen. *Genetica*, Gravenh., 1938, 20: 453-7.—**Punnett, R. C.** Genetic studies in poultry; the blue egg. *J. Genet.*, Camb., 1933, 27: 465-70, 2 pl. — **Pease, M. S.** Genetic studies in poultry; on a case of pied plumage. *Ibid.*, 1927-28, 18: 207-18, pl.—**Schwab, J. J.** A study of the effects of a random group of genes on shape of spermatheca in *Drosophila melanogaster*. *Genetics*, 1940, 25: 157-77.—**Shull, G. H.** A new Mendelian ratio and several types of latency. *Am. Natur.*, 1908, 42: 433-51.—**Siebs, W.** Neue Beiträge zur Kenntnis der Erbllichkeit des cruciata-Merkmal bei den Oenotheren. *Zschr. indukt. Abstamm.*, 1939, 77: 239-90.—**Sirks, M. J.** Mendelian factors in *Datura*; certation. *Genetica*, Gravenh., 1926, 8: 485-500. — Separate factors for certation and their differential value. *Ibid.*, 1928-29, 11: 257-66.—**Sosa-Bourdouil, C.** Etude génétique de quelques caractères biochimiques du genre *Pisum*. *Bull. biol. Par.*, 1934, 68: 249-339.—**Strasburger, E. H., & Körner, L.** Untersuchungen über die Wirkung des Polyphaen-Gens in der Entwicklung von *Drosophila funebris*. *Biol. Zbl.*, 1939, 59: 366-87.—**Tedin, O.** Contributions to the genetics of barley; development of the lateral florets. *Hereditas*, Lund, 1929, 12: 352-7. — **Tedin, H.** Contributions to the genetics of barley; the development of the kernel basis and its relation to density. *Ibid.*, 1927, 9: 303-12. — Contributions to the genetics of *Pisum*; seed coat color, linkage and free combination. *Ibid.*, 1928, 11: 1-62, pl.—**Watkins, A. E.** The inheritance of glume shape in *Triticum*. *J. Genet.*, Camb., 1939-40, 39: 249-64.—**Whitney, L. F.** The inheritance of a ticking factor in hounds. *J. Hered.*, 1928, 19: 499-502.—**Willey, A.** The unit character in genetics. *Nature*, Lond., 1934, 133: 137.—**Woltereck, R.** Bemerkungen über die Begriffe Reaktions-Norm und Klon. *Biol. Zbl.*, 1928, 48: 167-72.—**Wriedt, C.** Ein neuer Vererbungsfaktor beim Pferd. *Hereditas*, Lund, 1927-28, 10: 274-6.—**Zawadowsky, N. M.** Gene and its rôle in the realization of a character. *Biol. gen.*, Wien, 1935, 11: 203; 1936, 12: 22.

Segregation.

Allen, C. E. The direct results of Mendelian segregation. *Proc. Nat. Acad. Sc. U. S.*, 1926, 12: 2-7.—**Chittenden, R. J.** Vegetative segregation. *Bibliogr. genet.*, Gravenh., 1927, 3: 355-442, 4 pl.—**Christie, W., & Wriedt, C.** Seasonal effects on Mendelian segregations and sex ratios. *Hereditas*, Lund, 1930, 14: 173-96.—**De Winton, D., & Haldane, J. B. S.** The genetics of *Primula sinensis*; segregation and interaction of factors in the diploid. *J. Genet.*, Camb., 1933, 27: 1-44, 13 pl.—**Federley, H.** Ist die Chromosomenkonjugation eine conditio sine qua non für die Mendelspaltung? *Hereditas*, Lund, 1927, 9: 391-404, pl.—**Jones, D. F.** Somatic segregation due to hemizygous and missing genes and its bearing on the problem of atypical growth. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 90-6.—**Kieselbach, T. A., & Petersen, N. F.** The segregation of carbohydrates in crosses between waxy and starch types of maize. *Genetics*, 1926, 2: 407-22.—**Salamán, R. N.** Genetic studies in potatoes; abnormal segregation in families arising from the cross *Solanum utile* × *Solanum tuberosum*. *J. Genet.*, Camb., 1928-29, 20: 311-43, 4 pl.—**Tedin, O.** On the result of simultaneous genetic and environmental correlations in a segregating population. *Hereditas*, Lund, 1929, 12: 11-6.

sex-linked.

See also **Chromosome (X; Y)**; **Heredity**.

Breitenbecher, J. K. A red-spotted sex-linked mutation in *Bruchus*. *Am. Natur.*, 1923, 57: 59-65.—**Charles, E.** Collateral and ancestral correlations for sex-linked transmission irrespective of sex. *J. Genet.*, Camb., 1933, 27: 97-104.—**Clemente, L. S., & Ong, G.** New glass-eye mutation,

a sex-linked character in *Drosophila*. Philippine J. Sc., 1938, 67: 399-408, pl.—**Crew, F. A. E.** Unexpected results of matings involving sex-linked characters. Vet. J., Lond., 1933, 89: 477-80.—**Davenport, C. B.** Sex linkage in man. Genetics, 1930, 15: 401-44.—**Dijk, H. C. J. M. van** [Family with two sex-linked hereditary deviations]. Ned. tschr. geneesk., 1939, 83: 4076-81.—**Durham, F. M.** Sex-linkage and other genetical phenomena in canaries. J. Genet., Lond., 1926-27, 17: 19-32, pl.—**Finney, D. J.** Tests for sex-linkage in a quantitative character. Ann. Eugen., Camb., 1939, 9: 203-7.—**Fisher, R. A.** Tests of significance applied to Haldane's data on partial sex linkage. Ibid., 1936, 7: 87-104.—**Gordon, C., & Gordon, F.** The genetical analysis of a sex-limited character in *Drosophila melanogaster* and its bearing on the evolution of secondary sexual characteristics. Proc. R. Soc., Lond., ser. B, 1939, 127: 487-510.—**Haldane, J. B. S.** A search for incomplete sex-linkage in man. Ann. Eugen., Camb., 1936, 7: 28-57.—**Hogben, L.** Filial and fraternal correlations in sex-linked inheritance. Proc. R. Soc. Edinburgh, 1932, 52: 331-6.—**Kokemüller, K.** Geschlechtsgebundene Vererbung bei der totalalbinotischen Aberration des *Melopsittacus undulatus* (Shaw). Zschr. indukt. Abstamm., 1936, 71: 299-302.—**Kühn, A.** Ueber eine geschlechtsgekoppelte Mutation des Zeichnungsmusters (dz) bei *Ephestia kühniella* Z. Biol. Zbl., 1939, 59: 347-57.—**Lüers, H.** Analyse eines Falles geschlechtsbegrenzter Vererbung bei *Drosophila funebris* unter besonderer Berücksichtigung des Y-Chromosoms. Ibid., 1938, 58: 385-93.—**MacArthur, J. W.** Sex-linked genes in the fowl. Genetics, 1933, 18: 210-20.—**Mangelsdorf, P. C., & Jones, D. F.** The expression of Mendelian factors in the gametophyte of maize. Ibid., 1926, 2: 423-55.—**Mohr, O. L.** Carmine, a new sex-linked eye color in *Drosophila melanogaster*. Zschr. indukt. Abstamm., 1927, 45: 403-5.—**Punnett, R. C.** Note on sex-linked down character in ducks. J. Genet., Lond., 1932, 25: 191-4, pl.—**Siemens, H. W.** Geschlechtsabhängige Vererbung. In Handwörterb. Sexwiss. (Marcus) Bonn, 1923, 149-52.—**Taibell, A.** Eredità legata al sesso in varietà e specie del genere *Streptopelia*. Bp. Arch. zool. ital., 1931, 16: 381-92. — Eredità di caratteri legati al sesso in alcune varietà e specie di tortore del genere *Streptopelia* Bp. Ibid., 1932, 17: 103-1, 6 pl.—**Thieme, E.** Lebensschwächende geschlechtsgebundene Erbfaktoren beim Menschen. Volk & Rasse, 1935, 10: 212-5.—**Timofeev-Ressovsky, N. W.** Zur Genetik der *Drosophila funebris*; geschlechtsgebundene Vererbung. Arch. Entwmech., 1931, 124: 154-80.—**Warren, D. C.** Sex-linked characters of poultry. Genetics, 1928, 13: 421-33.—**Winge, O.** On a Y-linked gene in *Melandrium*. Hereditas, Lund, 1927, 9: 274; 1931, 15: 127.

— Variation.

See Variation.

GENACHOW, Abraham. *Resultate bei der Behandlung des Hallux valgus mit der Ludloffschen Operation. 23p. 8°. Zür., H. Hasch, 1925.

GENALKALOID.

See Alkaloids; also proper names of alkaloids as Morphine for Genomorphine.

GENARCHOPSIS.

Ozaki, Y. On a new genus of fish trematodes, Genarchopsis, and a new species of Asymphyllodora. Jap. J. Zool., 1925, 1: No. 3, 101-8.

GENCE, Robert, 1900— *Fracture de l'épitrachée avec interposition du fragment dans l'articulation et son traitement. 57p. 8°. Par., M. Vigné, 1925.

GENCEL, Henri, 1904— *Contribution à l'étude clinique de l'actinomycose humaine bucco-cervico-faciale. 60p. 8°. Par., Jouve & cie, 1930.

GENDARME de Bévoite, Robert, 1898— *Les vomissements à répétition de l'enfance avec acidose. 176p. 8°. Par., Jouve & cie, 1925.

GENDRE, Henry, 1913— *Le problème histochimique et histophysiologique du glycogène musculaire; les faits et les hypothèses [Lyon] 100p. 4 pl. 25cm. Trévoux, G. Patissier, 1938.

GENDREAU, Benjamin, 1900— *Renforcement des bruits d'auscultation et des ombres radiologiques par le tassement du poumon. 54p. 8°. Par., M. Vigné, 1926.

GENDREAU, Jean, 1902— *La vie tourmentée de Jean-François Ravallac. 70p. 8°. Par., Jouve & cie, 1928.

GENDREAU, Maximin Arsène Marie, 1905— *Etude historique sur les poisons d'origine animale. 43p. 8°. Par., Jouve & cie, 1934.

GENDREAU, René, 1914— *La néphrite chronique urémigène tuberculeuse à lésions folliculaires bilatérales et disséminées. 99p. 25½cm. Lyon, Bosc frères, 1939.

GENDRON, Claude Deshaies, ca. 1663-1750. [Recherches sur la nature et la guérison du cancer] [Engl. transl.] Enquiries into the nature, knowledge and cure of cancers. 6 p. l. 132p. 12°. London, J. Taylor & J. Sprint, 1701.

GENDRON, Maximilien, 1907— *Quelques réflexions sur vingt césariennes basses transverses pratiquées à l'Hôpital Sadiki. 70p. 24cm. Par., Jouve, 1940.

GENDROT, Georges, 1910— *La césarienne basse à la maternité de l'Hôtel-Dieu de Rennes. 83p. 8°. Par., Jouve & cie, 1936.

GENEALOGY.

See also Biography; Demography; Family; Marriage, &c.

Buhrrow, P. Das genealogische Schrifttum in der Stadtbücherei Erfurt. 130 l. 29½cm. Erfurt, 1939.

Doane, G. H. Searching for your ancestors; the why and how of genealogy [2. print.] 252p. 21cm. N. Y. [1937]

Geussenhainer, W. Genealogie und Zeitung. 40p. 8°. Erfurt, 1936.

GÖTTINGEN. UNIVERSITÄTS-BIBLIOTHEK. Die sippenkundliche Literatur in der Universitäts-Bibliothek Göttingen. 225 l. 4°. Göttingen, 1937.

Hume, E. E. A colonial Scottish Jacobite family. 163p. 8°. Richmond, 1931.

Rhoads, T. L. My ancestry. 122p. 8°. Reading, Pa., 1938.

Round, J. H. Studies in peerage and family history. 496p. 8°. Westminster, 1901.

Amschler, W. The oldest pedigree chart; a genealogical table of the horse and pictures of horsemen dating back 5,000 years. J. Hered., 1935, 26: 233-8.—**Baron, J.** Die Herstellung von Stammbäumen für Unterrichtszwecke. Zschr. indukt. Abstamm., 1925-26, 40: 201-4.—**Beckh, M.** Der Wert der deutschen Sippenforschung für die Statistik. Allg. statist. Arch., 1934-35, 24: 296-311.—**Czellitzer, A.** Das Prinzip der Zeittafeln für genealogische Darstellung. Eugenik, Berl., 1930-31, 1: 218-21.—**Eickstedt, von.** Der Stammbaum von Rabindranath Tagore. Arch. Rassenb., 1927-28, 20: 3-16, pl.—**Gates, R. R.** The symbols used in pedigrees. Lancet, Lond., 1933, 1: 881.—**Goldschmidt, R.** Die Nachkommen der alten Siedler auf den Bonininseln. Naturwissenschaften, 1927, 15: 449-53.—**Grassl.** Augsburger Hochzeitstafel 1501-1750. Münch. med. Wschr., 1935, 82: 1867-9.—**Gun, T. W. J.** Foundations of notable families. Eugen. Rev., Lond., 1926-27, 18: 110-23. — The treatment of ancestry in modern biographies. Ibid., 1934, 26: 29-32. — The treatment of ancestry in earlier biographies. Ibid., 205. — The heredity of the Royal caste. Ibid., 1937-38, 29: 19-31.—**Hargitt, C. W.** A personal and family history register. Science, 1917, 46: 113.—**Harper, R. M.** A statistical study of a typical southern genealogy. J. Hered., 1934, 25: 363-70.—**Hawkes, O. A. M.** The ancestry of the Prince of Wales. Ibid., 15: 275-90.—**Herwerden, M. A. van, & Laughlin, H. H.** Ein einheitliches System für Stammtafeln und Symbole. Zschr. indukt. Abstamm., 1926, 43: 260-2.—**Krallinger, H. F.** Die Erbträger des Menschen und seiner Haustiere. Volk & Rasse, 1934, 9: 163-8.—**Lewin, K.** Die Verwandtschaftsbegriffe in Biologie und Physik und die Darstellung vollständiger Stammbäume. Abh. theor. Biol., 1920, 1: No. 5, 1-34.—**Liddo, S.** Sulla composizione delle famiglie di Bari. Igiene mod., 1935, 28: 436-43.—**Mjöen, J. A.** Die biologische Lebensauffassung und Sippenfrage. In Kultur & Rasse (Hesch-Spannaus) Berl., 1939, 131-9.—**O'Connell, E. B.** The Quinctian Gens. Univ. Pittsburgh Bull., 1936, 33: 211-7.—**Pearson, K.** On the avuncular relationship. Biometrika, Camb., 1926-27, 18: 231.—**Pezold, A. von.** Die Ahnen des deutschen Reichspräsidenten des Generalfeldmarschalls Paul von Beneckendorff und von Hindenburg. Volk & Rasse, 1928, 3: 90-6.—**Reche, O.** Zum Preisausschreiben für nordische bebilderte Ahnentafeln. Ibid., 1929, 4: 66-71, pl.—**Schachenmayr, E.** Familienuntersuchungen an einer gehobenen ländlichen Bevölkerungsgruppe im bayerischen Allgäu. Arch. Rassenb., 1935, 29: 310-20.—**Siemens, H. W.** Ueber die verschiedenen Methoden zur Anlegung einer Ahnentafel. Volk & Rasse, 1934, 9: 46-9.—

Sommer, R. Renaissance und Familienforschung. Umschau, 1927, 31: 564-8.—Spitz, G. Le diagramme généalogique et l'analyse des pedigrees. Rec. méd. vét., 1926, 102: 350-5, ch.—Szabó, Z. Ahnenverlust und Ahnenausfall. Zschr. menschl. Vererb., 1939, 23: 774-81.—Wilson, E. B., & Doering, C. R. The elder Peirces. Proc. Nat. Acad. Sc. U. S., 1926, 12: 424-32.

Medical aspect.

See also **Eugenics; Heredity, Pathology.**

Benard, R. Les lois ordinales en hérédité mendélienne: loi d'ainesse et loi d'alternance; étude critique de la valeur scientifique des généalogies pathologiques; les héméralopes de Vendémian. J. méd. fr., 1926, 15: 343-50.—Bramwell, B. S. The Andersons of Peterhead. Eugen. Rev., Lond., 1937-38, 29: 247-51.—Bretschneider, F. Familienforschung und Erblehre; mit Beispielen aus der Arbeit eines Lehrers und Familienforschers. Volk & Rasse, 1934, 9: 203-10.—Burks, B. S. Objectivity of report in family studies of heredity. J. Hered., 1939, 30: 505-9.—Clay, W. M., & Wilcox, E. M. Five generations of an inferior family. Ibid., 1927, 18: 121-4.—Conrad, K. Ueber die Grenzen der erbstatistischen Methoden. Nervenarzt, 1937, 10: 601-6.—Dahlberg, G. Eine neue Methode zur familienstatistischen Analyse bei der Vererbungsforschung. Hereditas, Lund, 1930, 14: 73-82.—Denson, M. S., Kahn, R. [et al.] Student pedigree-studies. Eugen. News, 1931, 16: 42.—Eldern, G. von der. Die Sippschaftstafel nach Karl Astel. Münch. med. Wschr., 1935, 82: 1721.—Farish, G. W. T. A medical biography of the Bond-Farish family. Canad. M. Ass. J., 1930, 23: 696-9.—Fényes, D. Pedigree inheritance. Biol. gen., Wien, 1929, 14: 627-54.—Grotjahn, M. Der Stammbaum eines Eugenikers. Eugenik, Berl., 1931-32, 2: 195-7.—Heftermann, F. Eine 400 Jahre zurückreichende Gelehrtenfamilie. Volk & Rasse, 1927, 2: 169-76.—Hogben, L. The genetic analysis of familial traits; single gene substitutions. J. Genet., Lond., 1931, 25: 97-112.—Jankowsky, W. Biologische Volkskörperforschung. Verh. Ges. phys. Anthropol., 1937, 8: 147-54.—Kässbacher, M. Genealogical methods as the basis of research in human heredity. Human Biol., 1930, 2: 250-63, pl.—Ahnengeschwistertafeln. Aerztl. Rdsch., 1935, 45: 116-20.—Die Sippschaftstafel nach Astel. Ibid., 1936, 46: 165-8.—Eine neue Sippschaftstafel. Zschr. ärztl. Fortbild., 1936, 33: 505-7.—Kirste. Zur Frage der Sippschaftserforschung. Ibid., 1937, 34: 51.—Patzig, B. Zur Bedeutung der Familienforschung. Klin. Wschr., 1934, 13: 649-51.—Pearson, K. On the ancestral gametic correlations of a Mendelian population mating at random. Proc. R. Soc. Lond., 1909, ser. B, 81: 225-9.—Piennett, M. G. Student-pedigree-studies. Eugen. News, 1936, 21: 35.—Routil, R. Anthropologisch-erbbiologische Familienforschung als Grundlage der rassenkundlichen Analyse. Mitt. Anthropol. Ges. Wien, 1937, 6: 31-52.—Ruf, S. Familienbiologie eines Schwarzwaldorfes mit besonderer Berücksichtigung der letzten 100 Jahre. Arch. Rassenb., 1923-24, 15: 353-82.—Sanders, J. La famille Q. Genetica, Gravenh., 1934, 16: 369-81.—Schade, H. Erbbiologische Bestandsaufnahme. Fortsch. Erbp., 1937, 1: 37-48.—Scheidt, W. Die rassenhygienischen Aufgaben des Jugendarztes. Gesundh. & Erzieh., 1936, 49: 161-7.—Schulz, B. Uebe die Genauigkeit der Erhebung von Befunden bei der Familienforschung. Med. Welt, 1937, 11: 290.—Shoemaker, R. Student pedigree-studies; artistic ability in the Shoemaker family. Eugen. News, 1937, 22: 107.—Siemens, H. W. Bedeutung und Methodik der Ahnentafelforschung. Arch. Rassenb., 1930, 24: 185-97.—Snyder, L. H. Modern analysis of human pedigrees. Eugen. News, 1934, 19: 61-9.—Steggerda, M. Some results of a family history study. Sc. Papers Internat. Congr. Eugen. (1932) 1934, 3. Congr., 425-30.—Tuppa, K. Zur Theorie und Praxis des Abstammungsnachweises. Wien. klin. Wschr., 1939, 52: 515-8.—Velluda, C. C. [Grand-parents and ancestors of the man of to-day] Cluj. med., 1938, 19: 198-213.—Viard, P. Les auxiliaires indispensables du médecin de famille; le dossier familial; les fiches individuelles. Vie méd., 1937, 18: 671-5.—Willoughby, R. R. What is a genetic stock? J. Genet. Psychol., 1928, 35: 619-23.—Woods, F. A. Perpetuation of old families; inheritance of parental instincts and social conformation. J. Hered., 1928, 19: 387-98.

GENEE, Robert Willy. Berufskunde für Aerzte. Bd 1. 284p. 25½cm. Jena, G. Fischer, 1938.

GENEESKUNDIGE bladen uit kliniek en laboratorium voor de praktijk. Haarlem, v.25, 1926—

GENEESKUNDIGE gids; tijdschrift voor geneeskunst en volksgezondheid. Den Haag, v.1, 1923—

GENEESKUNDIG tijdschrift voor Nederlands-Indië. Batavia, v.47, 1907—

GENEESKUNDIG Jaarboekje voor Nederland. Op verzoek van de Rotterdamsche afdeling der Nederlandsche Maatschappij tot bevordering der geneeskunst. 10v. 45.-53. Jaargang. 16°. Rotterdam, W. J. Van Hengel, 1926-34.

GENELL, Sune. Uterin- och vaginalmuskulaturens funktionella uppgifter i den icke-gravida organismen. xii, 377p. illust. tab. roy. 8°. Lund, C. W. K. Gleerup, 1937.

GENENGER, Hans, 1910— *Die Behandlung eines Hämangioms der Lidhaut mittels Vereisung. 16p. 8°. Würzb., J. Schacherer, 1936.

GENEQUAND, André. *Le secret médical; son application et ses limites dans la pratique professionnelle. 104p. 8°. Genève, Impr. Jent S. A., 1930.

GENERAL Electric X-Ray Corporation. X-ray studies in advanced radiographic technic. 3. ed. 166p. illust. 4°. Chic. [1935]

GENERALES Konstantin Demosthenes [Johann] jr. 1908— *Studien über die Fertilität menschlicher Spermatozoen mit Hilfe der eindimensionalen Biometrie [Berlin] 39p. 23½cm. Charlottenb., K. & R. Hoffmann, 1936.

— Neue biometrische Untersuchungen von Spermien und Fertilität. 4. p. l. 87p. illust. tab. diagr. 24½cm. Stuttg., F. Enke, 1938.

See also Stiasny, H., & Generales, K. D. J. Erbkrankheit und Fertilität. 163p. 8°. Stuttg., 1937.

GENERAL paralysis.

See also **Neurosyphilis; Taboparalysis; also in 3. ser. Paralysis, general.**

GIVENS, A. J. Paresis. Sp. 8°. Stamford, Conn. [19—]

KOESTER, H. *Zur Aetiologie, Symptomatologie und Therapie der progressiven Paralyse [Kiel] 16p. 8°. Münster, 1925.

LEBRET, G. *Paralyse générale et psychoses dans la syphilis acquise; étude clinique, diagnostique, thérapeutique. 112p. 8°. Par., 1906.

MAGALHÃES e LEMOS, A. de S. *A paralyia geral. 76p. 8°. Porto, 1889.

REESE, H. *Ein Beitrag zur Statistik, Aetiologie und Symptomatologie der progressiven Paralyse. 34p. 8°. Gött., 1914.

SÜSSMANN, R. *Beitrag zur Statistik, Aetiologie und Symptomatologie der progressiven Paralyse. 22p. 8°. Kiel, 1910.

Alt, K. Ueber progressive Paralyse. Aerztl. Prax., Berl., 1907, 20: 1; 13; 25.—Anglin, J. V. Notes on general paresis. Maritime M. News, Halifax, 1910, 22: 52-7.—Bériel, L. Note pour servir au diagnostic et au traitement de la paralyse générale. Bull. Soc. méd. hôp. Lyon, 1914, 13: 339-43, pl. Also Lyon méd., 1914, 122: 1053-7, pl.—Bienfait, La paralyse générale. Gaz. méd. belge, 1906-7, 19: 283.—Bonhoeffer, K. Bemerkungen zur Behandlung und Diagnose der progressiven Paralyse. Berl. klin. Wschr., 1910, 47: 2277-80. Also Deut. med. Wschr., 1911, 37: 715.—Braun, A. O. [Etiology, pathogenesis and treatment of general paralysis] Dni-propetr. med. J., 1927, 6: 600-5.—Bumke, O. Problems of paresis. Internat. Clin., 1927, 1: 37, ser., 43-69, pl.—Bürger-Prinz, W. Die progressive Paralyse. Prakt. Arzt, 1936, n. f., 21: 3.—Burnett, E. D. General paresis. Louisville J. M. & S., 1907-8, 14: 1-4. Also Kentucky M. J., 1908-9, 7: 411-3.—Cabitto, L. Sulla paralisi progressiva. Rass. stud. psychiat., 1932, 21: 878-944.—Callewart, La paralyse générale. Policlinique, Brux., 1908, 18: 321-5.—Campbell, C. M. General paralysis of the insane, dementia paralytica, general paresis. In Nelson Loose-Leaf M., Lond., 1920, 6: 238-61, 8 pl.—Catola, G. In risposta ad una recensione critica del Dott. U. Cerletti. Riv. ital. neuropat., 1910-11, 3: 216-8.—Cohen, H. The early diagnosis and treatment of general paralysis (dementia paralytica) Med. Press & Circ., Lond., 1936, 192: 341-3.—Damaye, H. La paralyse générale. Echo méd. nord, 1914, 18: 64-8.—Ducci, J. Parálisis jeneral. Rev. méd. Chile, 1910, 38: 359-66.—Felix, R. H. A discussion of general paresis. Hosp. News, Wash., 1936, 9: 23-42.—General paresis. Med. Brief, 1923, 51: 576-82.—General paralysis of the insane. Med. Off., Lond., 1936, 56: 139.—Glück, B. Paresis in general practice. Charlotte M. J., 1911, 64: 1-6.—Hays, H. C. General paralysis, paresis, paralytic dementia, progressive general paralysis, general paralysis of insane, dementia organica, softening of the brain, popularly so-called. Kansas City M. Index Lancet, 1907, 28: 195-204.—Jelliffe, S. E. General paresis. Internat. Clin., 1903, 18. ser., 3: 219-38.—Jones, W. E. Concerning general paralysis of the insane. Med. J. Australia, 1924, 1: suppl., 425-8.—Kaplan, D. M. General paresis. N. York M. J., 1914, 100:

397.—**Keister, B. C.** General paresis; viewed from a modern standpoint. *Virginia M. Month.*, 1933, 60: 369-71.—**Klüber.** Progressive Paralyse. *Vereinsbl. pfläz. Aerzte*, 1926, 38: 84-6.—**Krapelin, E.** The problems presented by general paresis. *J. Nerv. Ment. Dis.*, 1926, 63: 209-18. Also repr.—**Langelaan, J. W.** Over dementia paralytica. *Med. wbl.*, Amst., 1911-12, 18: 81-5.—**Magnus, A. B.** General paresis. *Urol. Cut. Rev.*, 1932, 36: 253-9.—**Malfatti, M. G., & Salvati, A. T.** Parálisis general progresiva. *Rev. Círc. méd. argent.*, 1924, 28: 116-40.—**Mars, L.** Autour de la paralysie générale. *Bull. Serv. hyg., Port-au-Prince*, 1938, 5: No. 17, 48-57.—**Mary.** De la paralysie générale. *Arch. méd. belges*, 1913, 4, ser., 41: 390-9. Also *Gaz. méd. Paris*, 1913, 84: 294.—**Morlaas.** La paralysie générale. *Rev. gén. clin. théor.*, 1932, 46: 611-3.—**Orton, S. T.** General paresis. *J. Iowa M. Soc.*, 1924, 14: 351-5.—**Osterman, A. L.** The diagnosis and treatment of paresis. *West Virginia M. J.*, 1938, 34: 116-26.—**Pilshury, L. B.** General paresis. *West. M. Rev.*, 1914, 19: 393-401.—**Podestà, A., & Aquino, P. B.** Parálisis general progresiva; fragmentos de un informe presentado á los Tribunales. *Sem. méd., B. Air.*, 1915, 22: 1; 183-7.—**Prozorov, L. A.** (Bayle's disease) *Klin. med., Moskva*, 1923, 2: 1-4.—**Robards, E. M., & Tate, H.** Paresis: laboratory findings, treatment and results. *N. Orleans M. & S. J.*, 1934, 87: 209-13.—**Sachs, B.** General paresis. In *Modern Med.* (Osler) Phila., 1910, 7: 706-20.—**Scott, H. B.** Paresis, some recent aspects. *Kentucky M. J.*, 1927, 25: 143-8.—**Siebert, H.** Ueber progressive Paralyse. *S. Petersb. med. Zschr.*, 1914, 39: 20-3.—**Villaverde, J. M. de.** Equívocos y extremos desatendidos en relación con la parálisis general. *Siglo méd.*, 1927, 74: pt 2, 389-96.—**Weinberg.** Progressive Paralyse. *Münch. med. Wschr.*, 1925, 72: 495.—**Westphal, K.** Integración sintomática polidimensional de la parálisis progresiva. *Arch. neurob., Madr.*, 1935, 14: 899-907.—**Wilson, G., & Winkelman, N. W.** General paralysis of the insane; remarks on the diagnosis and treatment. *Med. Clin. N. America*, 1927, 10: 1577-92.

— Allergy.

Benedek, L. [Cutaneous reaction with Noguchi's lueticin in paralytics] *Orv. hetil.*, 1913, 57: 841-5.—**Borsari & Bianchi.** Reazione diagnostica della paralisi progressiva fondata sull'anafilassi. *Boll. Soc. med. Parma*, 1914, 2, ser., 7: 71-81.—**Büchler, P., & Sarudy, E.** [Histamine sensitiveness in general paralysis] *Orv. hetil.*, 1937, 81: 596-8.—**Fittipaldi, A.** La prova di McClure e Aldrich nei paralitici progressivi. *Riv. sper. freniat.*, 1937, 61: 1099.—**Spillmann, L., Drouet, P. L.** [et al.] Les tests cutanés dans l'étude des variations de l'allergie syphilitique chez le P. G. traité par la malariathérapie; leur valeur pronostique. *Rev. méd. est*, 1935, 63: 157-79.

— Blood.

Alzina i Melis, J. Les inclusions lipidiques des plasmatoctes en la parálisi general. *Tr. Soc. biol., Barc.*, 1914, 2: 99-102, 2 pl.—**Angrisan, D.** La bilirubinemia nella paralisi generale. *Osp. psichiat., Nap.*, 1936, 4: 275-85.—**Barker, L. F.** Microcytic hypochromic anemias with target cells in a general paralytic. *Urol. Cut. Rev.*, 1940, 44: 477-9.—**Bolsi, D., & Piolti, M.** Frequenza e significato dello spostamento a destra della formula di Arneth nei paralitici progressivi. *Riv. pat. nerv.*, 1934, 43: 115-8.—**Campana, A.** Labilità del quoziente protico nel siero di sangue dei paralitici progressivi. *Ibid.*, 1940, 55: 248-60.—**Claude, H., Dublneau, J.** [et al.] Les polypeptides du sang et du liquide céphalo-rachidien dans la paralysie générale. *Encéphale*, 1937, 32: pt 2, 1-14.—**Colucci, G.** Calcio e potassio nel siero di sangue dei dementi paralitici. *Boll. Soc. ital. biol. sper.*, 1931, 6: 330-3. — Il comportamento del calcio e del potassio nella paralisi progressiva. *Rinasc. med.*, 1931, 8: 200.—**Dameshek, W.** The white blood cells in general paresis. *Bull. Massachusetts Dep. Ment. Dis.*, 1931, 15: 26-39.—**Eddison, H. W.** The hematopoietic functions in general paresis. *J. Ment. Sc., Lond.*, 1929, 75: 242-9.—**Fremming, K. H., & Madsen, J.** [Sedimentation reaction in dementia paralytica] *Hospitaltidende*, 1936, 79: 1137-46. Also *Acta psychiat. neur., Kbh.*, 1937, 12: 139-54.—**Jelliffe, S. E.** Contribution to the study of the blood in general paresis. *State Hosp. Bull. Utica*, 1897, 2: 397-420. Also repr.—**Ogden, W.** The protein partition of the serum in general paralysis of the insane, with special reference to treatment. *J. Ment. Sc., Lond.*, 1930, 76: 772-9.—**Prunell, A.** Polipeptidemia y polipeptidorraquia en la parálisis general. *Arch. argent. neur.*, 1935-36, 12: 106-12. — & **Galmès, J.** Modifications des protéines du sérum dans la paralysie générale. *C. rend. Soc. biol.*, 1934, 116: 1201.—**Swierczek, S., & Kaiser-Swierczkova, S.** [Sedimentation reaction in general paralysis] *Nowiny psychiat.*, 1934, 11: 76-90.—**Zara, E.** Ricerche sulla formula leucocitometrica e leucocitaria dei paralitici progressivi. *Osp. psichiat., Nap.*, 1932, 2: 380-401. — La polipeptidemia negli ammalati di paralisi progressiva. *Ibid.*, 1936, 4: 399-414.

— Cardiovascular system and bloodpressure.

GINSBURG, S. *Die makroskopisch-luetischen Veränderungen an der Aortenwand bei der progressiven Paralyse; ein klinisch-statistischer Beitrag. 70p. 8°. Jena, 1910.

KRAJCA, C. *Progressive Paralyse und Gefäß-erkrankungen [Bonn] 40p. 8°. Karlsruhe, 1909.
Bravetta, E. La pressione arteriosa nella demenza paralitica; contributo allo studio della pressione arteriosa nelle malattie mentali. *Gazz. med. lombard.*, 1907, 65: 349; 352; 360; 375; 384; 389.—**Coenen, P.** Progressive Paralyse und Mesoarthritis syphilitica. *Klin. Wschr.*, 1926, 5: 22.—**Courtois, A., Misset & Beley, A.** Paralysie générale d'évolution rapide chez un sujet atteint d'anévrysme aortique. *Ann. méd. psychol., Par.*, 1934, 92: pt 2, 257-9.—**Grossi, L., & Massazza, A.** L'apparato cardio-vascolare nella paralisi progressiva. *Cuore & circol.*, 1936, 20: 392-410.—**Grzywo-Dabrowski, W.** [Proliferation of perivascular tissue in progressive paralysis] *Neur. polska*, 1914, 4: 12-23.—**Kaplan, J. A., & Grabfield, G. P.** The incidence of cardio-vascular defects in patients with general paresis, as compared with other mental diseases. *Med. Bull. Veterans Admin.*, 1937-38, 14: 20-2.—**Moxness, B. A.** A clinical and radiological study of associated cardio-vascular disease in general paralysis. *Ibid.*, 1936, 13: 153-6.—**Nyssen, R., Busschaert, R., & Asaert, L.** La réaction artério-tensionnelle à la douleur dans la paralysie générale. *Rev. neur., Par.*, 1937, 68: 305-8. — L'influence des excitations algiques sur la tension artérielle chez les paralytiques généraux. *J. belge neur. psychiat.*, 1938, 38: 18-27.—**Schmiergeld, A.** Contribution to the study of the blood pressure in general paresis. *N. York M. J.*, 1909, 90: 402.—**Trénel & Clerc, P.** Lésions valvulaires aortiques chez un paralytique; contre-indication de la malariathérapie. *Bull. Soc. clin. méd. ment., Par.*, 1926, 14: 90.—**Vidoni, G.** A proposito dell'aortite nei paralitici generali. *Liguria med.*, 1913, 7: 48-51.—**Walton, G. L.** The blood pressure in paresis. *J. Am. M. Ass.*, 1906, 47: 1341-3. Also repr.

— Cases and statistics.

See also subheading Social aspect.
HUSEN, H. G. C. VAN. *Beobachtungen über zweihundert Fälle von progressiver Paralyse bei Männern [Bonn] 52p. 8°. Ehrenfeld, 1902.
LURICK, H. *Die progressive Paralyse in der Heil- und Pflegeanstalt zu Osnabrück (1868-1913) 30p. 8°. Marb., 1914.
MAY, E. VON. *Statistischer Beitrag zur Kenntnis der progressiven Paralyse. 48p. 8°. Bern, 1906.
MARTZELLER, G. *Statistische Beiträge zur Frage der progressiven Paralyse. 30p. 8°. Bonn, 1925.
RODDOLO, G. A. *Considérations statistiques et cliniques sur les 386 cas de paralysie générale typique, soignés à la Clinique psychiatrique de Bel-Air, de 1901 à 1930. 24p. 8°. Genève, 1936.
ZEROMSKA, N. *Analyse statistique de 86 cas de paralysie générale. 89p. 8°. Genève, 1909.
Brown, R. Case of (?) general paralysis of the insane. *Proc. R. Soc. M., Lond.*, 1913-14, 7: Sect. Psychiat., 19.—**Crocq.** Un cas de paralysie générale. *J. méd. Bruxelles*, 1907, 12: 162.—**Donohoe, G.** General paresis; a preliminary report of cases. *Bull. Iowa Inst.*, 1908, 10: 263-8.—**Drysdale, H. H.** A clinical study of 100 cases of paresis. *Cleveland M. J.*, 1907, 6: 98-104.—**Durquet, J. J., & Albina, E.** Estudio estadístico de la parálisis general progresiva en el Hospital Melchor Romero. *Rev. crim. psiquiat., B. Air.*, 1924, 11: 37-51.—**Einfeld, P. F.** Studies of cases of general paresis in Delaware State Hospital. *Delaware M. J.*, 1938, 10: 73.—**Ferrer, C. O.** Estudio estadístico sobre la parálisis general en el asilo regional mixto de alienados en Oliva (Cordoba) *Arch. argent. neur.*, 1928, 2: 325-39. Also *Bol. Inst. clín. quir., B. Air.*, 1928, 4: 739-53.—**Galbraith, A. J.** Stationary general paralysis of the insane; a report on a case of 31 years' duration. *J. Ment. Sc., Lond.*, 1940, 86: 112-5.—**Hamill, R. C.** Presentation of a case of general paresis. *Med. Clin. Chicago*, 1916, 2: 65-73.—**Henssge.** Die Paralysefrequenz der städtischen Nervenheilstalt Chemnitz von 1905 bis 1922. *Psychiat. neur. Wschr.*, 1923-24, 25: 281.—**Howlett, K. S., & Roth, W. F., jr.** General paresis, with report of a case. *J. Tennessee M. Ass.*, 1936, 29: 303-8.—**Nakhsidov, G. G.** [Progressive paralysis after data of the Kolmov Hospital of the Novgorod government zemstvo] *Russ. vrach.*, 1907, 6: 1068-70.—**Nazief.** [Four cases of dementia paralytica] *Geneesk. tschr., Ned. Indie*, 1935, 75: 131.—**Petrzani, P.** A proposito di un caso eccezionale di paralisi progressiva; considerazioni e commenti. *Riv. sper. freniat.*, 1931-32, 55: 229-49, pl.—**Pope, C.** An instructive case of syphilis, followed by paresis. *N. York M. J.*, 1911, 93: 727-9.—**Procházka, H.** [Relative statistics on general paralysis] *Rev. neur. psychiat., Praha*, 1927, 24: 175-90.—**Ricksher, C.** A comparative statistical study of general paralysis. *Am. J. Insan.*, 1907-8, 64: 340-62.—**Rodriguez Arias, B., & Rodriguez Cuevillas, C.** Datos estadísticos sobre parálisis general progresiva. *Rev. méd. Barcelona*, 1935, 23: 229-41.—**Rodriguez Morini, A.** Note sur la paralysie générale à l'Asile d'aliénés de

San Baudilio de Llobregat. C. rend. Congr. alién. neur. France, 1929, 33, Congr., 321-3.—**Roger, H., & Alliez, J.** Quelques considérations statistiques et étiologiques sur les P. G. observés dans ces 8 dernières années à la clinique neurologique. *Marseille méd.*, 1938, 75: 152-4.—**Ruzicka, A.** Ueber einige statistische Probleme der Paralyse. *Psychiat. neur. Wschr.*, 1929, 31: 222, 233.—**Sánchez Herrero, A.** Un caso de parálisis general progresiva. *Siglo méd.*, 1907, 54: 357.—**Schwab, S. I.** Case of paresis. *J. Missouri M. Ass.*, 1919, 16: 245. Also *Med. Clin. N. America*, 1920, 4: 915-9.—**Sobhy Abdel Malek.** A case of general paralysis of the insane. *J. Egypt. M. Ass.*, 1933, 16: 424.—**Tobino, M.** Nota storico-statistica sulla paralisi progressiva nel Manicomio provinciale di Ancona. *Osp. psichiat.*, Nap., 1939, 7: 487-500.—**Vanelli, A.** Presentazione di alcuni casi di paralisi progressiva alla Società di cultura medica novarese nella seduta del 13 maggio 1937 e considerazioni. *Ann. Osp. psichiat. Perugia*, 1937, 31: 207-16. Also *Osp. maggiore Novara*, 1938, 15: 202; 1939, 16: 574.—**Victor, K.** [Statistics of progressive paralysis] *Rev. neur. psychiat.*, Praha, 1928, 25: 66-8.

Cerebrospinal fluid.

See also subheadings Pathology, humoral; Treatment: Malarotherapy.

Ameghino, A., & Correas, C. A. ¿Existe una albumina específica en el líquido de los paratíficos generales? *Actas Conf. lat. amer. neur.*, 1929, 1. Conf., 413-21.—**Angelini, R.** Ricerche sul liquido cefalo-rachidiano nella paralisi progressiva. *Arch. ital. anat.*, 1933, 3: 1195-300.—**Bessemans, A., & Thiry, U.** Le p. du liquide céphalo-rachidien des paralytiques généraux et son influence sur la vitalité du trépanème pâle. *Ann. Soc. sc. Bruxelles*, 1933-34, 53; ser. C, 5-12. Also *Rev. belge sc. méd.*, 1933, 5: 208-15.—**Carilli, H., & Dickson, W. E. C.** A note on the character of the cerebral cerebro-spinal fluid in a case of general paralysis. *Lancet*, Lond., 1927, 2: 275.—**Clivio, C.** Liquido ventricolare e liquido spinale nella paralisi progressiva (nota preventiva). *Q. psichiat.*, Genova, 1928, 15: 173-8.—**Cornell, W. B.** The cerebro-spinal fluid in paresis; with special reference to its cytology. *Am. J. Insan.*, 1907-8, 64: 73-91. Also repr.—**De Marco, A.** Ricerche sul metabolismo del ferro nel liquido cefalo-rachidiano nella paralisi progressiva. *Osp. psichiat.*, Nap., 1935, 3: 245-67.—**Dupouy, R., & Dubi-neau, J.** Le liquide céphalo-rachidien dans la paralysie générale suivant ses formes cliniques et les traitements spécifiques antérieurs (d'après 204 observations). *Ann. méd. psychol.*, Par., 1930, 88: 321-64.—**Hoverson, E. T.** Spinal fluid findings in paresis. *Med. Rec.*, N. Y., 1934, 139: 476-80.—**Kafka, V.** Funktionell-genetische Liquoranalysen; der Liquorbefund der progressiven Paralyse in funktionell-genetischer Betrachtung. *Zschr. ges. Neur. Psychiat.*, 1931, 135: 210-24.—**Kahn, P., & Mercier.** Un cas de démence paralytique ou syphilitique sans lymphocytose céphalo-rachidienne. *Encéphale*, 1912, 2: 369-72.—**Kaplan, D. M.** Frigolability: a feature of the parietic pleocytosis. *N. York M. J.*, 1917, 105: 886. Also repr.—**Klemperer, E., & Weissmann, M.** Bestimmungen des Kohlen-säuregehaltes im Liquor cerebrospinalis bei Psychosen mit besonderer Berücksichtigung der progressiven Paralyse. *Zschr. ges. Neur. Psychiat.*, 1929, 119: 351-72.—**Kudriavtzeva, A. I., Kirova, Y. I., & Ledanova, S. N.** [Chemistry of cerebro-spinal fluid in progressive paralysis] *Sovrem. psikhonevr.*, 1929, 9: 628-31.—**Laignel-Lavastine & Lasausse.** Sur l'analyse chimique du liquide céphalo-rachidien des paralytiques généraux. *C. rend. Soc. biol.*, 1910, 68: p. iii.—**Levaditi, C., & Marie, A.** L'action du liquide céphalo-rachidien des paralytiques généraux sur le virus syphilitique. *Ibid.*, 1907, 62: 872-4.—**Nayrac, P., & Millet, J.** La cytologie du liquide céphalo-rachidien chez les paralytiques généraux. *Echo méd. nord*, 1934, 3. ser., 1: 57-75. pl.—**Pappenheim, M.** Ueber die Polynucleose im Liquor cerebrospinalis, insbesondere bei der progressiven Paralyse (mit einem Beitrag zur Kasuistik der Strangulationspsychosen) *Zschr. ges. Neur. Psychiat.*, 1910-11, 4: Orig., 267-89.—**Pirosky, J.** Espectro de absorción ultravioleta del liquido cefalorraquideo en la parálisis general progresiva. *Rev. espec.*, B. Air., 1931, 6: 470-6.—**Prunell, A.** La polypeptidiorachie dans la paralysie générale; dissociation cyto-polypeptidique. *C. rend. Soc. biol.*, 1935, 118: 1515-7.—**Riebeling, C.** Ueber Albuminverminderung im Liquor bei Paralyse und ihre mutmasslichen Ursachen. *Zschr. ges. Neur. Psychiat.*, 1932, 142: 656-63.—**Rodríguez Arias, B., Catusas, J. M.** [et al.] Estudio comparativo de los líquidos cisternal y lumbar en la parálisis general. *Rev. méd. Barcelona*, 1933, 20: 244-51.—**Sézary, A., & Barbé, A.** Les variations de la leucocytose et de l'albuminose du liquide céphalo-rachidien des paralytiques généraux, selon le niveau de prélèvement. *Bull. Soc. méd. hôp. Paris*, 1935, 3. ser., 41: 401-8. Also *Presse méd.*, 1935, 43: 367.—**Sibata, N.** Zur genetischen Frage des paralytischen Liquoreiweisskörpers. *Psychiat. neur. jap.*, 1938, 42: 23.—**Siniscalchi, R.** La modificazioni biochimiche del liquor nel corso della paralisi progressiva con o senza malaroterapia. *Riv. sper. freniat.*, 1934, 58: 1512.—**Stern, S.** A cystoscopic study of the cerebro-spinal fluid in general paresis. *N. York M. J.*, 1910, 91: 909.—**Thurzó, J.** [Cerebrospinal fluid before the onset of general paralysis] *Orv. hetil.*, 1936, 80: mell., 17.—**Trénel.** Présence d'un diplocoque encapsulé dans le liquide céphalo-rachidien d'un mulâtre atteint de paralysie générale à début foudroyant. *Bull. Soc. clin. méd. ment.*, Par., 1926, 14: 106-8.

Cerebrospinal fluid: Examination.

See also subheading Diagnosis; also Cerebrospinal fluid.

SCHÄFFELER, H. *Ueber liquornegative und liquorsanierte Paralysefälle der psychiatrischen Universitätsklinik Burghölzli-Zürich [Zürich] 30p. 8° Berl., 1932.

Also *Allg. Zschr. Psychiat.*, 1932, 98: 41-70.

Armand-Delille, P. F. La réaction de Wassermann dans le liquide céphalo-rachidien des paralytiques généraux. *Bull. Soc. méd. hôp. Paris*, 1907, 3. ser., 24: 1570-3.—**Billström, J.** [The diagnostic importance of lumbar puncture, especially in general paralysis] *Hygiea*, Stockh., 1909, 2 f., 9: 251-76.—**Boltz, O. H.** The Boltz test; a test of practical value in the diagnosis of general paralysis. *J. Lab. Clin. M.*, 1925-26, 11: 1187-90.—**Cabitto, L.** Su una nuova reazione di precipitazione delle globuline nel liquor per la diagnosi di paralisi progressiva. *Riv. pat. nerv.*, 1932, 40: 537-44.—**Cardona, F.** Considerazioni e dati sulla constatazione di casi di parafitici progressivi con Wassermann negativa sul liquor e di casi di tumori del sistema nervoso con Wassermann positiva sul liquor. *Ibid.*, 1937, 49: 77-84.—**Cerqueira Luz, A.** Reações coloidaes apresentando curva paralytica fóra da paralytia geral. *Fol. med.*, Rio, 1933, 14: 311-3.—**Cisternas, R.** Algunas observaciones respecto a la presunta gráfica serológica de la parálisis general. *Rev. argent. neur.*, 1927, 1: 215-21.—**Demole, V.** Paralyse générale sans-réaction du liquide céphalo-rachidien. *Gaz. méd. belge*, 1912-13, 25: 463-5.—**Duncan, A. G.** The acetic anhydride-sulphuric reaction for general paresis. *J. Ment. Sc.*, Lond., 1927, 73: 419-21.—**Glasoe, P. K., & Sorum, C. H.** The Lange test; the influence of particle size and hydrogen-ion concentration of gold sols upon Lange test readings on parietic spinal fluids. *J. Lab. Clin. M.*, 1939-40, 25: 1-7.—**Guillain, G., Larocque, G., & Lechelle, P.** Etude sur la réaction de Lange modifiée (technique de Sicard et Hagueneau) pour le diagnostic de la paralysie générale. *C. rend. Soc. biol.*, 1926, 94: 324-6.—**Hagueneau, J.** Les résultats de la réaction de Lange dans la paralysie générale. *Ibid.*, 1920, 83: 1375.—**Hecht, H.** An improved method of examination of spinal fluid for the diagnosis of general paresis. *J. Lab. Clin. M.*, 1937-38, 23: 1301-4.—**Hoverson, E. T., Morrow, G. W., & Hawthorne, R. O.** The reversal of the spinal fluid Wassermann in untreated paresis. *Med. J. & Rec.*, 1933, 138: 449-51.—**Loberg, K.** Boltz' reaktion. *Sven. läk. säll. hand.*, 1926, 52: 99-104.—**Marie, A., & Voillet.** Argument en faveur de l'origine syphilitique de la paralysie générale (anticorps syphilitiques dans le liquide céphalo-rachidien des paralytiques généraux) *C. rend. Congr. internat. psychiat.* (1907) 1908, 1. Congr., 193-201.—**Maruyama, H.** Vorläufige Mitteilung über eine diagnostisch verwertbare Reaktion in der Spinalflüssigkeit von Paralytikern. *Wien. klin. Wschr.*, 1913, 26: 1233.—**Meco, O.** Osservazioni cliniche sul significato delle remissioni totali o quasi della positiva reazione di Wassermann sul liquor dei parafitici progressivi in rapporto all'andamento patologico mentale. *Riv. pat. nerv. ment.*, 1936, 47: 633-59.—**Myerson, A., & Halloran, R. D.** The acetic anhydride sulphuric acid test for general paralysis (Boltz test) *J. Nerv. Ment. Dis.*, 1928, 68: 155.—**Nicole, J. E.** Some tentative conclusions on the Boltz test in general paralysis of the insane. *J. Nerv. Psychopath.*, Brist., 1928-29, 9: 26-9.—**Obregia, A., & Bruckner.** Le liquide céphalo-rachidien, dans la paralysie générale stationnaire, soumis à la réaction de Wassermann. *C. rend. Soc. biol.*, 1909, 66: 60.—**Orlando, R., & Gambino, L. R.** La curva del oro coloidal en el humor acuoso de los paratíficos generales. *Rev. As. méd. argent.*, 1939, 53: 604-6.—**Pennycuik, S. W., Woolcock, C. E., & Cowan, R. J.** Variations in the behaviour of parietic cerebrospinal fluids with different types of gold sols. *Austral. J. Exp. Biol.*, 1938, 16: 315-22.—**Peters, J. T.** [Can the diagnosis of dementia paralytica be excluded on the ground of negative spinal fluid reactions, applied in fever therapy] *Geneesk. gids*, 1935, 13: 577-83.—**Plaut, F.** Ueber das Vorhandensein iuetischer Antistoffe in der Cerebrospinalflüssigkeit von Paralytikern. *Berl. klin. Wschr.*, 1907, 44: 144.—**Pönitz, K.** Die Diagnose der abgelaufenen paralytischen Erkrankung, zugleich ein Beitrag zur Bedeutung der Normomastixreaktion. *Deut. Zschr. Nerven.*, 1930, 114: 104-13.—**Roberti, C. E.** Sulla diagnosi clinica di paralisi progressiva in malati mentali con liquido cefalo-rachidiano positivo. *Riv. pat. nerv.*, 1933, 41: 302; 1934, 43: 530.—**Sackett, De L., & Eselius, E.** A comparison of the Wassermann and Kahn reactions upon spinal fluid in treated and untreated cases of paresis. *J. Lab. Clin. M.*, 1934, 19: 546-52.—**Smith, J. C.** [Sigma reactions and Wassermann reactions of the blood and cerebrospinal fluid in general paralytic] *Hospitaltidende*, 1927, 70: 507-21.—**Spaar, R.** Zur Frage der Brauchbarkeit der von I. S. Harris angegebenen Probe bei progressiver Paralyse. *Allg. Zschr. Psychiat.*, 1928, 89: 152.—**Urechia, C. I.** Sur quelques cas de paralysie générale avec ponction rachidienne négative. *Arch. internat. neur.*, Par., 1934, 26. ser., 289-96.—**Valls Conforto, A.** El factor determinante en la reacción de Boltz en parálisis general progresiva. *Rev. méd. Barcelona*, 1930, 13: 104.—**Vanelli, A.** Anomalie sierologiche liquorali nella paralisi progressiva. *Osp. maggiore Novara*, 1934, 11: 68-74. Also *Ann. Osp. psichiat. Perugia*, 1934, 28: 111-20.—**Walker, B. S., & Sleeper, F. H.** The Boltz (A. A. S.) test in cerebro-

spinal fluid; a critical review. *Am. J. Psychiat.*, 1930-31, 10: 229-34.—**Weiland, V. I.** [Boltz's method of examination of cerebrospinal fluid in differential diagnosis of general paralysis] *J. neuropat. psichiat.*, Moskva, 1929, 22: 519-23. Also *Zschr. ges. Neur. Psychiat.*, 1929, 122: 457-61.

Clinical aspect.

See also subheading Type.

HOCHE, A. Dementia paralytica. p.1-82. 8° Lpz., 1912.

In *Handb. Psychiat.* (A. Alzheimer & E. Bleuler) Lpz., 1912, Spez. Teil, 5.

Bahr, M. A., & Jackson, J. A. Clinical and laboratory observations of paresis. *Alienist & Neur.*, 1910, 31: 372-87.—**Brander, J., Caldwell, W. A.** [et al.] Discussion on paralysis. *J. Ment. Sc.*, Lond., 1929, 75: 1-30.—**Cheney, C. O.** Clinical data on general paresis. *Psychiat. Q.*, 1935, 9: 467-85.—**Ebaugh, F. G.** Psychiatric complications frequently encountered in general practice. *Southwest. M.*, 1938, 22: 301-7.—**Fuchs, W.** Zur Klinik der progressiven Paralyse. *Repert. prakt. Med.*, Lpz., 1908, 5: 337-43.—**Herringham, W. P.** A clinical lecture on general paralysis of the insane. *Clin. J.*, Lond., 1908, 32: 65-8.—**Hyslop, T. B.** The progressive paralyses of the insane. *Tr. M. Soc. London*, 1905, 27: 188-207.—A clinical lecture on general paralysis of the insane. *Med. Press & Circ.*, Lond., 1911, n. ser., 92: 468-70.—**Isémlein, L.** La paralysie générale progressive; étude clinique et thérapeutique. *Gaz. hôp.*, 1926, 99: 1015, 1077.—**Le Marquand, H. S.** Some clinical aspects of general paralysis. *Practitioner*, Lond., 1928, 121: 44-52.—**Manueco Villapadierna, E.** Dos casos de parálisis general progresiva de los enajenados. *Siglo méd.*, 1917, 64: 189; 206.—**Mitchell, H. W.** General paralysis of the insane. *N. York M. J.*, 1914, 100: 605.—**Nicol, W. D., & Hutton, E. L.** Some clinical aspects of general paralysis. *J. Ment. Sc.*, Lond., 1935, 81: 804-21.—**Ostfield, J. R.** Dementia paralytica. *J. Lancet*, 1933, 53: 271.—**Parkinson, J. P.** General paralysis of the insane. *Clin. J.*, Lond., 1911-12, 39: 125.—**Reyer, E. C.** Paretic dementia. *Tr. Indiana M. Soc.*, 1904, 55: 332-42.—**Snow, G.** Clinical and laboratory observations on dementia paralytica. *Bull. Iowa Inst.*, 1907, 9: 92-102.—**Steiner, M.** Betrachtungen über progressive Paralyse. *Fortsch. Med.*, 1905, 33: 729-35.—**Thomsen, R.** Ueber die Bedeutung der progressiven Paralyse für die allgemeine Praxis. *Beihfte Med. Klin.*, 1909, 5: 81-102.—**Weber.** Ueber Dementia paralytica vom klinischen Standpunkte aus. *Arch. Krim. Anthropol.*, 1912, 45: 304-14.—**Yorshis, M.** Some dynamic aspects of dementia paralytica. *Arch. Neur. Psychiat.*, Chic., 1935, 34: 1113-5.

Complications [and associated diseases]

See also Neurosyphilis; Taboparalysis.

DONNER, S. E. *Ueber Belastung mit Schlag und Arteriosklerose bei den Paralytikern und bei anderen Geisteskranken [Helsingfors] 73p. 8° Berl., 1926.

Also *Zschr. ges. Anat.*, 2. Abt., 1926, 12:

SCHWARZ, M. *Die Zahnkaries bei progressiver Paralyse. 23p. 8° Münch., 1935.

Anglade, R., Rougeau, M., & Fretet, J. Paralysie générale et psychose maniaque dépressive. *Ann. méd. psychol.*, Par., 1937, 95: 62-70.—**Baker, G. T.** General paralysis associated with benign tertian malaria. *Brit. M. J.*, 1926, 2: 685.—**Barbe, A.** Hémorragie sous-dure-mérienne d'origine traumatique chez un paralytique général. *Bull. Soc. anat. Paris*, 1914, 89: 168.—**Bouchaud, G., & Usse, F.** Mort par perforation de la vessie chez un paralytique général. *Clinique*, Par., 1910, 5: 647.—**Cahana, M. G., & Cahana, T.** Considérations sur la présence des sclérotiques bleues, maladie de Lobstein monosymptomatique, chez une paralytique générale. *Cervello*, 1939, 18: 319-27.—**Challiot, V.** Demenza paralitica e cancrena simmetrica. *Arch. gen. neur. psichiat.*, Nap., 1930, 11: 341-8. pl.—**Chaslin & Riche.** Paralysie générale, ponction lombaire, méningite généralisée aux 3 membranes médullaires. *C. rend. Congr. méd. alién. neur. France* (1909) 1910, 19. Congr., 446-8.—**Chatagnon, Pouffary & Trelles.** Association de paralysie générale et de syndrome Parkinsonien. *Bull. Soc. clin. méd. ment.*, Par., 1928, 16: 223-6.—**Chompret, J., Izard, G., & Ledereq, A.** Mal perforant buccal et paralysie générale. *Rev. stomat.*, Par., 1913, 20: 348 [Discussion] 371; 395.—**Crouzon & Laurent, M.** Association de paralysie générale et de syndrome de Raynaud. *Encéphal.*, 1923, 18: 118.—**Damaye, H., & Desruelles, M.** Méningite purulente à streptocoque chez une paralytique générale. *Echo méd. nord*, 1908, 12: 218-20.—**Derby, I. M., & Zeifert, M.** Streptococcic meningitis with recovery in a case of general paresis. *Psychiat. Q.*, 1937, 11: 576-81.—**Donnadieu & Barques.** Paralysie générale et hémorragie méningée; un cas d'hématome intracranioïdien. *Ann. méd. psychol.*, Par., 1936, 94: 435-8.—**Dupouy & Bonhomme.** Maladie de Recklinghausen et paralysie générale. *Bull. Soc. clin. méd. ment.*, Par., 1921, 9: 144.—**Fittipaldi, A.** Paralisi progressiva in nano acondroplastico. *Osp. psichiat.*, Nap., 1934, 2: 402-12.—**Flournoy, H.** Paralysie générale chez une oxycephalique. *Nouv. iconogr. Salpêtrière*, 1916-17, 28: 15-27. pl.—**Fortincau, L., & Fortineau,**

G. Volumineux hématome de la région frontale chez une femme atteinte de paralysie générale. *Gaz. méd. Nantes*, 1908, 2. ser., 26: 108-11.—**Galindez, L., & Ciafardo, R.** Lesiones combinadas en un caso de parálisis general progresiva. *Rev. psiquiat. crim.*, B. Air., 1938, 3: 451-62.—**Gaucher & Cesbron.** Leucoplasie linguale au cours d'une paralysie générale en évolution. *Bull. Soc. fr. derm. syph.*, 1910, 21: 41.—**Irazu, J.** Ruptura de vejiga en dementes paráliticos. *Arch. argent. neur.*, 1939, 21: 30-61.—**Jackson, J. A.** Report of an imbecile with paresis. *N. York M. J.*, 1913, 98: 419. Also repr.—**Juarros, C.** Neurastenia y parálisis general; un caso de diagnóstico tardío. *Siglo méd.*, 1916, 63: 770.—**Kafka.** Fall von progressiver Paralyse und psychogener Neurose. *Deut. med. Wschr.*, 1917, 43: 861.—**Lemoine.** Démence paralytique et cirrhose du foie. *Nord méd.*, 1911, 18: 205-9.—**Liebers.** Gehirntumor bei progressiver Paralyse. *Psychiat. neur. Wschr.*, 1935, 37: 253.—**Marchand, L., & Dupouy, R.** Athéromasie cérébrale et paralysie générale associées chez un homme de 61 ans; difficulté du diagnostic. *Bull. Soc. clin. méd. ment.*, Par., 1924, 12: 164-7.—**Petit, P., & Fortineau, J.** Méningite aiguë pneumococcique enkystée chez un paralytique général. *Ann. méd. psychol.*, Par., 1936, 94: 754-60.—**Marie, A.** Paralysie générale et maux perforants palatins. *Bull. Soc. méd. hôp. Paris*, 1907, 3. ser., 24: 601. Also *Bull. Soc. clin. méd. ment.*, Par., 1922, 10: 118-21.—**Meyer, E.** Progressive Paralyse, kombiniert mit Meningomyelitis marginalis (Beitrag zur Differentialdiagnose zwischen Paralyse und Lues cerebrospinalis) *Arch. Psychiat.*, Berl., 1912, 50: 245-54, 2 pl.—**Nesbitt, R. W., & Weldon, S. G.** Meningitis of unusual origin in a case of general paralysis. *J. R. Nav. M. Serv.*, 1933, 19: 35.—**Obreja, A., & Pitulescu.** Anomalie si leziuni ale aparatului genito-urinar la un paraltic general. *Rev. chir.*, Bucur., 1908, 12: 455-66.—**Petrzani, P.** Neurastenia e paralisi progressiva. *Riv. sper. freniat.*, 1907, 33: 498-543.—**Rava, G.** Meningite acuta stafilococcica causa di accessi apoplettiformi in demente paraltico? *Bull. sc. med. Bologna*, 1907, 8. ser., 7: 389-407.—**Ricoux.** Rupture spontanée de l'œsophage chez un paralytique général; pénétration des matières alimentaires dans la plèvre, mort par hydro-pneumothorax. *Arch. anthropol. crim.*, Lyon, 1909, 24: 517-21.—**Rusk, C. Y.** A case of multiple sclerosis with general paralysis. *J. Nerv. Ment. Dis.*, 1910, 37: 111.—**Unterberger, S.** Otogene Meningitis und progressive Paralyse mit Wechselwirkung aufeinander im Liquorbefund und günstigem Ausgang. *Zschr. Hals & Heilk.*, 1931-32, 30: 371-4.—**Vallade, L.** La leucoplasie buccale chez les paralytiques généraux. *Ann. méd. psychol.*, Par., 1937, 95: 638-41.—**Vigouroux, A., & Delmas, A.** Ictus et délire hallucinatoire chez un paralytique général; insuffisance hépatocénale; anévrysme de l'aorte. *Bull. Soc. anat. Paris*, 1907, 82: 230-4.—Mort d'un paralytique général par rupture de la vessie. *Ibid.*, 390.—**Villacián, J. M.** Parálisis general, viruela y paludismo. *Inform. méd.*, Valladolid, 1929, 6: 231-42.—**Voivenel & Monesté.** Sur un cas de fracture spontanée de côte chez un paralytique général. *Toulouse méd.*, 1908, 2. ser., 10: 199-201.

Complications, syphilitic.

See also subheadings Immunity; Treatment; Malariotherapy; Accidents.

Gaté, J., & Racouchot, J. Syphilis nerveuse mutilante des oreilles (note additionnelle, présentation du malade) *Bull. Soc. fr. derm. syph.*, 1937, 44: 711.—**Giacchi, F.** Due casi di demenza paralitica con sifilide cerebrale. *Riv. sper. freniat.*, 1907, 33: 430.—**Jungmichel, G.** Zur Frage von Progressive Paralyse und Mesoarthritis luetica (Aortenaneurysma) *Allg. Zschr. Psychiat.*, 1928, 89: 333-9.—**Klauder, J. V.** Report of a case of bilateral gumma of the epididymis in a paretic. *Urol. Cut. Rev.*, 1919, 23: 459-61.—**Makarow, W. E.** Ueber die klinische Lungensyphilis bei der progressiven Paralyse. *Zschr. ges. Neur. Psychiat.*, 1931, 133: 438-46.—**Marie, A.** Paralysie générale et chancre des lèvres. *Bull. Soc. clin. méd. ment.*, Par., 1921, 9: 300.—**Massaut, C.** Psychose syphilitique et paralysie générale. *J. neur. psychiat.*, Brux., 1931, 31: 575-80.—**Nissl, F.** Paralyse, kombiniert mit Arteriosklerose und verschiedenartigen luetischen Veränderungen. *Beitr. Frage Bezieh. klin. Verlauf anat. Befund*, Berl., 1913-14, 1: 64-91.—**Pennacchi, F.** La sedimentazione sanguigna nei paralitici progressivi superinfettati. *Ann. Osp. psichiat.*, Perugia, 1936, 30: 105-17.—**Pinard, M., & Hertz.** Rechutes de syphilides cutané-muqueuses coexistant avec un syndrome humoral de paralysie générale. *Bull. Soc. fr. derm. syph.*, 1936, 43: 654-6.—**Ségas, J.** Note sur 3 cas de syphilis en activité chez des paralytiques généraux. *Normandie méd.*, 1907, 22: 89-92.—**Straussier, E.** Ueber zwei weitere Fälle von Kombination cerebraler, gummoser Lues mit progressiver Paralyse nebst Beiträgen zur Frage der Lues cerebri diffusa und der luetischen Encephalitis. *Mtschr. Psychiat.*, 1910, 27: 20-53, 3 pl. Also *Zschr. ges. Neur. Psychiat.*, 1912, 12: Orig., 365-87, pl.—**Wahl, P., & Le Goarant, G.** Gommies syphilitiques chez un paralytique général. *Marseille méd.*, 1932, 69: 258-62.

conjugal.

LEROY, H. *De la paralysie générale conjugale et de ses rapports avec la syphilis. 88p. 8° Par., 1906.

Charpentier, V. Quatre observations de paralysie générale chez les conjoints. *J. psychol. norm. path.*, Par., 1923, 20:

772-9.—**Junius, P., & Arndt, M.** Ueber konjugale Paralyse und Paralyse-Tabes. *Mtschr. Psychiat.*, 1908, 24: 10-51.—**Keller, K.** Fälle von konjugaler Paralyse. *Pest. med. chir. Presse*, 1907, 43: 194.—**Marie, A.** Un cas de paralysie générale paraconjugale. *Encéphale*, 1926, 21: 546.—**Mignot, R.** Paralysie générale et mariage. *Clinique, Par.*, 1914, 9: 424.—**Pilcz, A.** Beiträge zur Lehre von der konjugalen, hereditären, und familiären Paralyse progressiva. *Wien. med. Wschr.*, 1908, 58: 1173; 1835; 1875.—**Raviart, Hannard & Gayet.** Paralysie générale et tabo-paralyse conjugales dans le département du Nord (1871-1909). *Echo méd. nord*, 1910, 14: 601-6.

Contagiousness.

Bessemans, A. Résultats des inoculations au lapin et au cobaye d'un fragment d'encéphale riche en tréponèmes mobiles, prélevé durant la vie, par trépanation, à un paralytique général. *Bull. Acad. méd., Par.*, 1934, 3. ser., 112: 255-9.—**Van Hée, J., & Van Haelst, J.** Recherches expérimentales sur l'infectiosité spécifique des ganglions de l'aîne chez les paralytiques généraux avant et après des tentatives d'activation locale ou de surinfection. *Ann. Inst. Pasteur, Par.*, 1935, 54: 282-98.—**Levaditi, C., Marie, A., & Lépine, P.** Résultats des inoculations au lapin de fragments d'encéphale prélevés par ponction à des paralytiques généraux. *C. rend. Soc. biol.*, 1930, 103: 467-9.—**Mauss, W.** Zur Frage der Infektiosität der progressiven Paralyse. *Aerzt. Sachverst. Ztg.*, 1931, 37: 129-34.—**Sokalski, N. A.** Infective period of progressive paralysis. *J. neuropat. psichiat.*, Moskva, 1913, 13: 700-23.—**Vaisman, A.** Le liquide céphalo-rachidien des paralytiques généraux est-il virulent? *C. rend. Soc. biol.*, 1937, 124: 1166-8.

Curability.

See also subheadings Forensic aspect; Prognosis; Treatment: Results.

KRELL, E. G. W. *Zur Frage der Heilung der Dementia paralytica. 51p. 8°. Bonn, 1908.

Bahr, M. A. The so-called recovery of paresis. *Med. Leg. J.*, 1931, 48: 7-9.—**Bériel, L.** Les données récentes sur la paralysie générale et le problème de la curabilité. *Répert. méd., Par.*, 1914, 4: No. 39, 9-23.—**Bouman, K. H.** [Curability of dementia paralytica]. *Ned. tschr. genesk.*, 1929, 73: pt 2, 4596-605.—**Dana, C. L.** The curability of early paresis. *Stud. Psychiat.*, N. Y., 1912, 1: 17-39.—**Juarros, C.** Sobre la falsa curabilidad temporal de los parafíticos generales. *Rev. med. Madr.*, 1907, 75: 409-17.—**Plange, W.** Heilversuche bei Paralytikern. *Allg. Zschr. Psychiat.*, 1911, 68: 223-49.—**Pönitz, K.** Der defektgeheilte Paralytiker. *Zschr. ges. Neur. Psychiat.*, 1928, 113: 703-18.—**Raecke.** Heilbarkeit der Paralyse? *Münch. med. Wschr.*, 1919, 66: 731.—**Rhein, J. H. W.** Paresis or dementia paralytica is generally regarded as incurable. *Atlantic M. J.*, 1923-24, 27: 593.—**Riggs, C. E., & Hammes, E. M.** Shall we treat the parietic? *J. Am. M. Ass.*, 68: 194-8.—**Riva, E.** Guaribilità e terapia della paralisi progressiva. *Riv. sper. freniat.*, 1926, 50: 13-38.—**Schaller, W. F.** Is paresis, dementia paralytica, curable? results in personally treated cases. *California West. M. J.*, 1938, 48: 409-15.—**Schultze, F.** Zur Frage von der Heilbarkeit der Dementia paralytica. *Deut. Zschr. Nervenb.*, 1913, 47-48: 714-23, 2 pl.—**Sézary, A.** Le degré de curabilité de la paralysie générale. *Médecine, Par.*, 1939, 20: 141-6.—**Wendt, W.** Eine Notiz zur Frage der geheilten progressiven Paralyse. *Psychiat. neur. Wschr.*, 1926, 28: 315-7.—**Williams, T. A.** A case illustrating the arrest of early paresis. *N. York M. J.*, 1910, 91: 601-3. Also repr.

Diagnosis.

See also subheadings Cerebrospinal fluid; Manifestations; Serology.

DUBOS, C. *Du diagnostic de la paralysie générale. 71p. 8°. Montpel., 1905.

Agosti, F. Il valore clinico della prova di Butenko. *Riv. ital. neuropat.*, 1912, 5: 155-68.—**Amsden, G. S.** Note on the liquor Bellostii test in paresis. *N. York M. J.*, 1911, 93: 1090.—**Angrisan, D.** La reazione di Ueko nei parafitici progressivi. *Osp. psichiat., Nap.*, 1937, 5: 699-707. Also *Rinasc. med.*, 1937, 14: 736. Also *Riv. sper. freniat.*, 1937, 61: 959.—**Fittipaldi, A.** L'indice del Rosso Congo nella paralisi progressiva. *Osp. psichiat., Nap.*, 1936, 4: 437-48.—**Barbé, A.** Les limites du diagnostic de la paralysie générale. *Sem. hôp. Paris*, 1927, 3: 356.—**Benon, R.** Le diagnostic de la paralysie générale. *Rev. gén. clin. thér.*, 1920, 34: 673.—**Brander, J.** The diagnosis of general paralysis of the insane as a clinical and pathological entity. *J. Ment. Sc.*, Lond., 1928, 74: 673-86.—**Brush, N. H.** The practitioner and the diagnosis of general paresis. *Southwest. M.*, 1929, 13: 157-63.—**Butenko, A. A.** [Reaction of the urine with nitrate of mercury solution (liq. Bellostii) in progressive paralysis]. *Russ. vrach.*, 1910, 9: 47-51.—**Claude, H.** Diagnostic de la paralysie générale. *Bull. méd., Par.*, 1929, 43: 291-4.—**Cohn, H.** Ist die Harnreaktion mit Liquor Bellostii spezifisch für progressive Paralyse? *Psychiat. neur. Wschr.*, 1911-12, 13: 15.—**De Albertis, D.** Contributo alla diagnosi anatomo-patologica della paralisi progressiva. *Riforma med.*, 1910, 26: 91-100.—**Dretter, J.** Ueber verkannte Paralyse. *Allg. Zschr. Psychiat.*, 1936-37, 105: 245-58, 2 pl.—**Hannard, P., Soulas, A., & Lotte, L.** Sur

les difficultés du diagnostic de la paralysie générale. *Echo méd. nord*, 1913, 18: 473-7.—**Harris, J. S.** A simple test of diagnostic value in general paresis. *Brit. M. J.*, 1926, 1: 136.—**Idé, M.** Documents dus aux paralytiques généraux. *Rev. méd. Louvain*, 1925, 300-3.—**Kiely, C. E.** Simulation of decerebrate rigidity in 2 paretics. *Am. J. Syph.*, 1927, 11: 532-7.—**Lagriffe, L.** A propos du diagnostic de la paralysie générale. *Ann. méd. psychol., Par.*, 1910, 9. ser., 12: 323-8.—**Lemchen, B.** The laboratory diagnosis of general paralysis. *Med. Rec., N. Y.*, 1936, 143: 388.—**Little, T. C.** Diagnosis of general paralysis. *West. M. Rev.*, 1910, 15: 518-23.—**McC Campbell, E. F., & Rowland, G. A.** Studies on the clinical diagnosis of general paralysis of the insane. *J. Med. Res.*, 1910, 22: 169-88.—**McVicar, C. S., Bates, G., & Strathy, G. S.** Laboratory tests in the diagnosis of general paresis. *Canad. M. Ass. J.*, 1912, 2: 563-7.—**Mirskaja, M. M., & Iuzhelevsky, A. S.** [Encephalographic diagnosis of progressive paralysis]. In *Rentgenodiagn. nerv. dush. zabol.* (Bekhterev's neuropsych. Inst.) Leningr., 1933, 32-41, 7 pl.—**Mitchell, R. E.** The clinical and histopathological diagnosis of general paresis. *Tr. Am. Inst. Homeop.*, 1906, 355-66.—**Moll, J. M.** On the diagnosis of progressive paresis. *Med. J. S. Africa*, 1915-16, 11: 189-97.—**Morida** [The diagnosis of paralytic insanity]. *Igaku chuwo zasshi*, 1907-8, 14-33.—**Mott, F. W.** The diagnosis of general paralysis. *Practitioner, Lond.*, 1908, 80: 1-20.—**Proescher, F., & Arkush, A.** On the pathology and laboratory diagnosis of paresis. *J. Nerv. Ment. Dis.*, 1928, 67: 21-31.—**Pujadas y Ortiz, G.** La parálisis general y el reconocimiento médico como fundamento del seguro de vida. *Rev. méd. cubana*, 1921, 32: 946-50.—**Ross, G. W., jr.** A test for the diagnosis of general paralysis of the insane. *Canad. J. M. & S.*, 1910, 27: 297-303.—**Rothschild, K.** Dementia paralytica: diagnostic errors and their prevention. *J. M. Soc. N. Jersey*, 1933, 30: 486-9.—**Rueda, M.** La gran punción lumbar en los parafíticos generales. *Repert. med. cir.*, Bogotá, 1922-23, 14: 47-52.—**Russell, W. L.** The diagnosis of general paralysis of the insane. *Tr. M. Ass. Central N. York*, 1902, 9: 45-52.—**Schwinn, G. H.** Some of the difficulties encountered in making a diagnosis of paresis. *J. Nerv. Ment. Dis.*, 1910, 37: 754-64.—**Simon, T.** Nouvelles remarques sur la démence paralytique et les examens propres à en apprécier le degré. *Ann. méd. psychol., Par.*, 1930, 38: 436-48.—**Southard, E. E.** A study of errors in the diagnosis of general paresis. *J. Nerv. Ment. Dis.*, 1909, 36: 545; 1910, 37: 1-16.—**Steyerthal, A.** Praktische Gesichtspunkte zur Beurteilung der progressiven Paralyse. *Klin. ther. Wschr.*, 1913, 20: 1401-9.—**Stucken, H. M.** Ueber eine angeblich für progressive Paralyse charakteristische Reaktion im Harn (mit Liquor Bellostii). *Münch. med. Wschr.*, 1911, 58: 835.—**Titus, H.** Die Bedeutung der Harnreaktion mit Liquor Bellostii bei progressiver Paralyse. *Wien. med. Wschr.*, 1911, 61: 774-6.—**Veress, F., & Szabó, J.** Wert und Bedeutung der Karvonenchen Reaktion für die Diagnose der Syphilis und der progressiven Paralyse. *Arch. Psychiat.*, Berl., 1913, 51: 235-55.—**Winkelman, N. W., & Wilson, G.** General paresis: a clinico-pathologic study with especial reference to the significance of the so-called typical laboratory findings. *Am. J. M. Sc.*, 1927, 173: 712-21.

Diagnosis, differential.

See also Neurosyphilis.

BINSWANGER, K. *Zur klinischen und anatomischen Differentialdiagnose der progressiven Paralyse. 42p. 8°. Basel, 1914.

BÜSING, W. [J. F. H.] *Zwei Beiträge zur Differentialdiagnose der progressiven Paralyse. 17p. 8°. Kiel, 1916.

CORDES, H. H. *Zur Differentialdiagnose der progressiven Paralyse: Meningitis tuberculosa und Paralyse progressiva. 23p. 8°. Kiel, 1908.

DAVERÈDE. *Contribution à l'étude des pseudo-paralysies générales. 88p. 8°. Toulouse, 1911.

EHRENWALL, J. [J.] VON. *Zur Differentialdiagnose der Dementia paralytica progressiva von andern paralyseähnlichen Erkrankungen syphilo-genen Ursprungs [Bonn] 55p. 8°. Ahrweiler, 1910.

ROBERT, M. J. F. *La pseudo-paralysie générale cérébro-scléreuse. 110p. 8°. Bord., 1911.

SELIG, P. *Beitrag zur Differentialdiagnose der progressiven Paralyse [Freiburg i. B.] 35p. 8°. Tribsees, 1911.

SOULAS, A. A. *Contribution à l'étude clinique des psychopathies simulant la paralysie générale. 151p. 8°. Lille, 1913.

Alzheimer, A. Histologische Studien zur Differentialdiagnose der progressiven Paralyse. *Histol. histopath. Arb. Grosshirnrinde*, Jena, 1904, 1: 18-314, 14 pl.—**Anglade.** Pseudo-paralysie générale. *J. méd. Bordeaux*, 1922, 52:

125.—**Bigoni, A.** Il problema dei limiti fra demenza paralitica e psicosi luetiche. *Osp. psichiat., Nap.*, 1934, 2: 663-708.—**Biggaard, A.** Bidrag til differentialdiagnosen mellem dementia paralytica og lucas cerebri. *Ugeskr. læger*, 1912, 74: 611-5.—**Briançon.** Pseudo-paralyse générale. *Loire méd.*, 1928, 42: 136-8.—**Brissaud, Bauera & Gy.** Paralyse générale, sclérose en plaques ou maladie de Parkinson? *Rev. neur., Par.*, 1909, 17: 511-3.—**Bruggen, J. van der** [Dementia praecox, multiple sclerosis and dementia paralytica] *Psychiat. neur. bl., Amst.*, 1935, 39: 166-82.—**Colin & Sarazin.** Diagnostic difficile de paralyse générale. *Ann. méd. psychol., Par.*, 1920, 10. ser., 12: 172.—**Dupré, E.** Diagnose différentielle entre la démente paralytique et les autres formes de démente acquise. *C. rend. Congr. internat. psychiat.* (1907) 1908, 1. Congr., 166-92, pl.—**Foerster.** Pseudoparalytische Demenz bei Stirnhirntumor. *Jahrb. Schles. Ges. vaterl. Cult.* (1912) 1913, 2: 39.—**Förster, C.** Zur Differentialdiagnose der progressiven Paralyse. *Berl. klin. Wschr.*, 1914, 51: 765.—**Hamant, Poursines** [et al.] A propos d'une démente à type paralytique avec syndrome humoral négatif. *Rev. méd. est*, 1935, 63: 65-77.—**Haskovec, V.** [Pseudo-paralytic conditions] *Bratisl. lek. listy*, 1931, 11: 459-68.—**Hutter, A.** [Sodoku, relapsing fever, Bang's disease and trypanosomiasis in differential diagnosis for general paralysis in a patient treated with malaria] *Psychiat. neur. bl., Amst.*, 1932, 36: 483-93, 3 ch.—**Jaroszyński.** [Progressive paralysis, or multiple sclerosis] *Neur. polska*, 1910-11, 1: No. 4, 82.—**Juquelier, P. & Fillassier, A.** Paralyse générale avec symptômes moteurs rappelant la sclérose en plaques; évolution rapide; autopsie: méningo-encéphalite diffuse et sclérose symétrique des cordons latéraux de la moelle; prédominance de cette sclérose aux faisceaux pyramidaux croisés. *Ann. méd. psychol., Par.*, 1912, 10. ser., 1: 214-20.—**Kahn, P.** Les fausses paralyse générales. *Rev. gén. clin. théor.*, 1918, 32: 625.—**Laignel-Lavastine.** Paralyse générale simulant une démente par lésions circonscrites. *Rev. neur., Par.*, 1911, 19: pt 2, 452.—**Benon, R.** Paralyse générale simulant une démente par lésions circonscrites. *Encéphale*, 1911, 2: 167-72.—**Landsbergen, F.** Lues cerebri und progressive Paralyse, ein klinischer und anatomischer Beitrag. *Mscr. Psychiat.*, 1911, 29: 147-61.—**Long, M.** Paralyse générale ou syphilis cérébrale. *Encéphale*, 1913, 276-9. Also *Rev. neur., Par.*, 1913, 21: 440.—**McDonald, W.** General paresis or cerebral syphilis? *Am. J. Insan.*, 1906-7, 63: 527-36.—**Marie, A.** Pseudo-paralyse générale alcoolique et varices artérielles du crâne. *Bull. Soc. méd. hôp. Paris*, 1907, 3. ser., 24: 101-4.—**Masters, H. R.** A syndrome simulating paresis. *South. M. & S.*, 1937, 99: 393-5.—**Neff, I. H.** The clinical aspects of parietal dementia with special reference to differential diagnosis. *Am. J. Insan.*, 1906-7, 63: 493-7.—**Pondoev, G. S.** [Differential diagnosis of progressive paralysis] *Tr. Imp. Kavkazsk. med. obsh.*, 1912-13, 49: 51-60.—**Preisig.** Paralyse générale, syphilis cérébrale diffuse ou psychose artérielle sclérotique? *Rev. méd. Suisse rom.*, 1911, 31: 330.—**Prussak, L. & Stein, W.** L'accès paralytique simulant l'encéphalite épidémique. *Rev. neur., Par.*, 1936, 66: pt 2, 645.—**Raymond & Touchard.** Sclérose en plaques débutant par des troubles mentaux simulant la paralyse générale. *Ibid.*, 1909, 17: 224-8.—**Réaction (La)** de l'or colloïdal dans le diagnostic différentiel de la paralyse générale. *Rev. prat. biol., Par.*, 1924, 17: 367.—**Robinson, W.** Some doubtful cases of so-called general paralysis of the insane. *J. Ment. Sc.*, Lond., 1914, 60: 291-5.—**Sarazin, V.** Un cas de diagnostic difficile de paralyse générale. *Ann. méd. psychol., Par.*, 1919, 11. ser., 140-5.—**Trénel & Cuel, J.** A propos d'un diagnostic incertain de paralyse générale. *Bull. Soc. clin. méd. ment., Par.*, 1924, 12: 169-71.—**Voivenel & Toney.** Pseudo-paralyse générale chez un alcoolique tuberculeux. *Toulouse méd.*, 1909, 2. ser., 11: 263-7.—**Winkelman, N. W.** Differential diagnosis between general paralysis and cerebrospinal syphilis from the pathologic and clinical standpoints. *Arch. Neur. Psychiat., Chic.*, 1927, 18: 317.

— Diagnosis, early.

See also subheading Type, incipient.

FEHRINGER, H. *Zur Frühdiagnose der progressiven Paralyse [Heidelberg] 20p. 22cm. Düsseldorf, 1936.

Aubry, E. Diagnostic précoce et traitement de la paralyse générale. *Rev. méd. est*, 1929, 57: 173-6.—**Frankl, S.** [Early diagnosis of progressive paralysis] *Orv. hetil.*, 1935, 79: mell., 24.—**Heilbronner, K.** The early diagnosis and treatment of progressive paralysis. *Med. Press & Circ., Lond.*, 1907, n. ser., 84: 338-40.—**Laruelle, L.** Le diagnostic précoce de la paralyse générale. *Scapell. Liège*, 1906-7, 59: 506-8. Also *Bull. Ass. internat. méd. exp. comp. assur.*, 1907, 6: 74-81.—**Morita, S.** [Early diagnosis of dementia paralytica] *Sci. i kwai*, 1907, 26: No. 299, pt 2, 4-7.—**Nonne, M.** Zur Frühdiagnose der Dementia paralytica. *Derm. Stud., Hamb.*, 1910, 21: 51-69.—**Pitz, A.** Frühdiagnose der häufigsten Geisteskrankheiten unter besonderer Berücksichtigung der progressiven Paralyse. *Wien. klin. Wschr.*, 1933, 46: 307.—**Pönitz, K.** Die Frühdiagnose der Paralyse in ihrer Beziehung zur Malariabehandlung. *Deut. Zschr. Nervenhe.*, 1929, 111: 66.—**Ramírez Moreno, S.** Diagnóstico oportuno de la parálisis general progresiva. *Rev. As. méd. max.*, 1927, 6: 260-8.—**Salomon, W.** Zur Frühdiagnose der progressiven Paralyse. *Med. Klin., Berl.*, 1932, 28: 218.—**Schmidt, K.** Die Frühdiagnose der progressiven Paralyse für den praktischen Arzt.

Leipz. med. Mschr., 1907, 16: 95-101.—**Taylor, J. H.** General paresis and the importance of its early diagnosis to the railway surgeon. *Internat. J. Surg.*, 1912, 25: 233-5.

— Endocrine glands.

Cabitto, L., & Vanelli, A. L'esplorazione funzionale del sistema nervoso vegetativo e di alcune ghiandole endocrine nei malati di paralisi progressiva. *Endocr. pat. cost.*, Bologna, 1932, n. ser., 7: 557-74, ch.—**Guceione, F.** Sul comportamento dell'ipofisi nella demenza paralitica. *Rass. stud. psichiat.*, 1938, 27: 817-30.—**Lippi Francesconi, G.** Contributo alla conoscenza istopatologica dell'ipofisi cerebrale nella paralisi progressiva. *Riv. pat. nerv.*, 1933, 41: 661-81.—**Shmirgield, A.** [Ductless glands in progressive paralysis] *Med. obozr.*, Moskva, 1908, 70: 249-54.—**Takeda, K., & Kato, K.** Beitrag zur pathologisch-histologischen Veränderung der Hypophyse bei der Dementia paralytica. *Tr. Jap. Path. Soc.*, 1932, 22: 243-5.

— Etiology.

See also subheadings Immunity; Parasitology; Pathogenesis.

BAUVALLET, H. C. *Alcoolisme chronique et paralyse générale progressive; étude clinique. 96p. 8° Bord., 1911.

BERNARD, G. *Les syndromes paralytiques généraux; point de vue étiologique. 45p. 8° Montpel., 1906.

CASSAIGNE, M. P. P. J. *La paralyse générale en Charente considérations statistiques et étiologiques; ses rapports avec l'alcoolisme. 65p. 8° Bord., 1908.

STAMMBERGER, H. L. *Beitrag zur Kenntnis der Aetiologie, spez. der endogenen, bei der progressiven Paralyse [Erlangen] 38p. 8° Nürnberg, 1911.

Antheaume, A., & Mignot, R. Insulation et paralyse générale. *Encéphale*, 1908, 3: 493-501.—**Barbé & Sézary.** L'effort intellectuel prédispose-t-il à la paralyse générale? *Médecine, Par.*, 1927, 8: 351-5.—**Brothers, C. R. D.** Some observations on the aetiology of general paralysis of the insane. *Med. J. Australia*, 1935, 1: 332-4.—**Diefendorf, A. R.** Etiology of dementia paralytica. *Yale M. J.*, 1906-7, 13: 253-65.—**Hesnard.** Un cas de paralyse générale progressive post-insolaire. *Arch. méd. nav.*, Par., 1913, 99: 50-66, pl.—**Hinsie, L. E.** The relation of exogenous factors to the onset of general paralysis. *Psychiat. Q.*, 1928, 2: 435-43.—**Kahn, P., & Bloch, M.** Paralyse générale chez un saturnin avec réaction de Wassermann. *Encéphale*, 1912, 1: 78-82.—**Kairiükstis, J.** [New ideas concerning the etiology of general progressive paralysis] *Medicina, Kaunas*, 1928, 9: 8-15.—**Zum Paralyseproblem.** *Allg. Zschr. Psychiat.*, 1928, 88: 211-9.—**Kellner, A.** Die Dementia paralytica als Kulturscheinung. *Polit. anthrop. Rev.*, Berl., 1913-14, 12: 96-101.—**Kerim, F.** Zwei Beobachtungen, die Aetologie der progressiven Paralyse betreffend. *Psychiat. neur. Wschr.*, 1934, 36: 342-6.—**Konrad, J.** [The etiology of progressive paralytic mental disturbances] *Orv. hetil.*, 1907, 51: 619-21.—**Krasser, K.** Die Aetologie der progressiven Paralyse. *Reichs. Med. Anz.*, 1914, 39: 135-9.—**Minden, E. van.** Dementia paralytica of vergiftiging. *Ned. tschr. geneesk.*, 1919, 1: 1576.—**Power, T. D.** The aetiology of general paralysis of the insane. *J. Ment. Sc.*, Lond., 1930, 76: 524-36.—**Selzer, H.** Studi sulle manifestazioni patologiche di 52 paralitici progressivi prima della infezione luetica. *Note psichiat.*, Pesaro, 1937, 66: 5-28.—**Skliar, N. J.** [The cause of progressive paralysis according to the recent biological research] *Klin. med.*, Moskva, 1928, 6: 623-30.—**Strecker, E. A.** Paresis sine syphilis. *Med. Clin. N. America*, 1926, 10: 37-46.—**Sutherland, G. A.** A case of generalized paralysis of uncertain origin. *Tr. M. Soc. London*, 1909, 32: 356-8.—**Wildermuth, H.** Beitrag zur Aetologie der Paralyse. *Psychiat. neur. Wschr.*, 1926, 28: 151-3.—**Zalla, M.** L'enigma della paralisi progressiva. *Riv. pat. nerv.*, 1928, 33: 352-9.

— Etiology: Antisyphilitic treatment.

GLATT, M. *Antiluische Behandlung und Paralyse [Leipzig] 64p. 8° Berl., 1937.

Carrière, R. Progressive Paralyse und antiluische Behandlung. *Allg. Zschr. Psychiat.*, 1932, 97: 1-60.—**Heiberg, P.** [Relation of a case of general paresis to preceding treatment with mercuric ointment?] *Hospitalstidende*, 1937, 80: [Dansk neur. selsk. forh.] 24-31. Also *J. Hyg.*, Lond., 1938, 38: 500-6. Also repr.—**Malherbe, H., Fortineau, L., & Fortineau, G.** Traitement spécifique et paralyse générale; faut-il traiter les malades? *Gaz. méd. Nantes*, 1909, 2. ser., 27: 401; 410; 421.—**Petrovlovski, N. I.** [Etiology and pathogenesis of progressive paralysis (and of tabes dorsalis) mercurial treatment as an etiological moment] *J. nevropat. psichiat.*, Moskva, 1912, 12: 222; 556; 733.—**Roger, H., & Alliez, J.** Antécédents cliniques et thérapeutiques chez les paralytiques généraux. *Marseille méd.*, 1939, 76: 743-8.—**Smith, J. C.** Notes on the appearance of dementia paralytica and the relation between

its frequency and the anti-syphilitic treatment. *Acta psychiat. neur., Kbh.*, 1926, 1: 346-59.

— Etiology: Body type.

CORMAN, L. *La constitution physique des paralytiques généraux. 340p. 8° Par., 1932.

MLODY, H. *Untersuchungen über Konstitutionstypen und Rassetypen bei Paralyse [München] 23p. 21cm. Speyer, 1936.

RADEMACHER, F. *Untersuchungen über Konstitution und Blutgruppen bei Paralytikern [München] 20p. 21cm. Speyer, 1936.

STEGMANN, A. *Disposition und Belastung zur Progressiven Paralyse [Heidelberg] 32p. 22½cm. Berl., 1938.

Also *Allg. Zschr. Psychiat.*, 1938, 108:

Angyal, L. [Rôle de constitution in the types of progressive paralysis] *Orv. hetil.*, 1933, 77: 605-8. — & Schultz, G. Zur Bedeutung der Konstitution für die Erscheinungsform und die Prognostik der progressiven Paralyse. *Arch. Psychiat.*, Berl., 1932, 96: 521-44. — Bunker, H. A., jr., & Meyers, S. B. An anthropometric study of general paralysis; based upon anthropological measurements made upon 100 patients with general paralysis and upon 164 other subjects. *Am. J. Psychiat.*, 1927-28, 7: 1015-73. — Cabitto, L., & Vanelli, A. La costituzione morfologica nei paralitici progressivi. *Endocr. pat. cost.*, Bologna, 1932, n. ser., 7: 178-82, ch. — Farjot, A., & Spriet, H. Les groupes sanguins chez les paralytiques généraux. *Ann. méd. lég.*, 1934, 14: 574. — Flesch, M. Paralyse und konstitutionelle neuropathische Veranlagung. *Klin. Wschr.*, 1925, 4: 1733. — Gozzano, M. Sui rapporti fra costituzione morfologica e forma clinica nella paralisi progressiva. *Riv. sper. freniat.*, 1927, 51: 93-114. — Gründer, W. Konstitutionsuntersuchungen an Paralytischen. *Mscr. Psychiat.*, 1926, 61: 283-90. — Grzhebin, Z. N., & Tapelson, S. L. [Constitutional factors and their importance in development of progressive paralysis] *Vener. dermat.*, Moskva, 1930, 7: 1-11. — Guiridham, A. The body type of the general paralytic. *J. Neur. Psychopath.*, Lond., 1935-36, 16: 363-6. — Gyárfás, K. [Constitution and progressive paralysis] *Gyógyászat*, 1926, 66: 390. — Jacobsohn, H. Ueber die Blutgruppenzugehörigkeit der Paralytiker. *Zschr. ges. Neur. Psychiat.*, 1926, 105: 810-4. — Patzig, B. Zur Frage der Aortitis und Konstitution bei progressiver Paralyse. *J. Psychol. Neur.*, Lpz., 1929, 39: 455-62. — Shostakovich, V. V. [Constitution and general paralysis] *Sovet. psikhneur.*, 1932, 8: 62-71. — Skälweit, W. Gibt es eine konstitutionelle Disposition zur Paralyse? (Sensibilisierungsversuche mit Luotest) *Klin. Wschr.*, 1931, 10: 548-51.

— Etiology: Syphilis.

See also subheadings Frequency; Parasitology.

ANGLADE, D. *Contribution à l'étude des rapports de la syphilis et de la paralysie générale progressive. 78p. 4° Par., 1891.

DENGLER, G. *Syphilis et paralysie générale. 94p. 4° Nancy, 1893.

Allison, W. L. Syphilis as a cause of general paresis. *Texas J. M.*, 1909-10, 5: 150-61. — Bessemans, A., & Potter, F. de. Essais d'isolement in vivo du virus de la paralysie générale. *C. rend. Soc. biol.*, 1930, 115: 212-4. — Bianchini, M. L. Paralisis progressiva e sifilide, rivista sintetica. *Manicomio, Nocera*, 1910, 26: 117-37. — Biddle, A. P. Syphilis in its relation to general paralysis of the insane. *Tr. Am. Derm. Ass.*, 1908, 32: 194-206. Also *J. Cutan. Dis. incl. Syph.*, 1908, 26: 512-20. — Cima, T. Su l'etiologia della paralisi progressiva in rapporto all'ipotesi di un virus sifilitico neurotrofo. *Studium, Nap.*, 1931, 21: 232-5. — Fournier. Syphilis et paralysie générale. *Echo méd.*, Toulouse, 1893, 2. ser., 7: 217; 229; 241; 253. — Hoisholt, A. W. General paresis and its relation to syphilis, with a report of the pathologist of Napa State Hospital. *California J. M.*, 1915, 13: 179-81. — King, R. Paresis and syphilis. *State Hosp. Bull.*, Utica, 1912-13, n. ser., 5: 87-102. — Kovalovsky, P. Rectification historique de l'étude des rapports entre la syphilis et la paralysie générale progressive. *Rev. neur.*, Par., 1895, 3: 167. — Marie, A., & Violette. Un argument en faveur de l'origine syphilitique de la paralysie générale. *C. rend. Congr. alién. neur. France* (1907) 1908, 17. Congr., 161-4. — Mazhar Osman. La paralysie générale n'est-elle due qu'à la syphilis? *Ibid.*, 1935, 39. Congr., 498-506. — Morel-Lavallée, A. Paralyse générale et syphilis. *Rev. méd.*, Par., 1893, 13: 137-54. — Noguchi, H. Dementia paralytica and Syphilis. *Berl. klin. Wschr.*, 1913, 50: 1884-7. Also *Münch. med. Wschr.*, 1913, 60: 2483. Also *Arch. Derm. Syph.*, Wien, 1914, 119: 272-82. — Nonne, M. Paralyse und Syphilis. *Deut. med. Wschr.*, 1913, 39: 2172. — Der heutige Standpunkt der Lues-Paralysefrage. *Deut. Zschr. Nerven.*, 1913, 49: 384-446. — Peracchia, G. C. Ueber die Einheit oder Vielheit des syphilitischen Virus bei der progressiven Paralyse. *Arch. Psychiat.*, Berl., 1926, 77: 494-506. — Peterson, F. The relation of syphilis to general paresis. *Med. Rec.*, N. Y., 1893, 44: 741-3. — Plaut, F., & Fischer, O. Die Lues-Paralyse-

Frage. *Allg. Zschr. Psychiat.*, 1909, 56: 340-414. — Ris, F. Progressive Paralyse und Syphilis. *Korbl. schweiz. Aerzte*, 1907, 37: 193; 231. — Roberts, S. R. Syphilis and the paretic group. *Atlanta J. Rec. M.*, 1910-11, 56: 226-30. — Skliar, N. I. [Syphilis and progressive paralysis] *Klin. med.*, Moskva, 1927, 5: No. 6, 347-54. — Wigert, V. [The modern aspect of the lues-paresis question] *Hygica*, Stockh., 1915, 78: 401-35.

— Etiology: Trauma.

BAGHAÏ, M. *Contribution à l'étude de la paralysie générale post-traumatique. 53p. 8° Lyon, 1934.

BARRÈRE, L. *Contribution à l'étude de la paralysie générale d'origine traumatique. 69p. 8° Toulouse, 1910.

CALVI, L. R. L. *Contribution à l'étude de la paralysie générale post-traumatique; étude clinique et médico-légale. 112p. 8° Bord., 1910.

ERNESTUS, W. *Progressive Paralyse und Unfall in der Rechtsprechung des Reichsversicherungsamtes [Göttingen] 49p. 8° Zittau, 1914.

FROISSART, P. *La paralysie générale post-traumatique. 169p. 8° Par., 1907.

KÜHNE, O. *Ueber die ursächlichen Beziehungen zwischen progressiver Paralyse und Unfällen. 32p. 8° Lpz., 1919.

STORK, F. *Unfall und progressive Paralyse. 43p. 8° Bonn, 1912.

Abascal, H., & Baralt, J. M. La parálisis general en relación con los traumatismos. *Crón. méd. quir.* Habana, 1930, 56: 365-70. — Abely, X., Bouvet, & Carrère. Paralyse générale traumatique ou commotion cérébrale chez un syphilitique. *Ann. méd. psychol.*, Par., 1939, 97: 93-8. — Boschi, G., Ghedini, A., & Barison, F. Caratteristiche sintomatologiche della paralisi progressiva traumatica. *Gior. psichiat.*, 1932, 60: 331-43. — Chevrone, J. Un cas de paralysie générale liée à un traumatisme. *Union méd. nord. est.*, 1908, 32: 241-53. — Collet, G. Un cas de paralysie générale pouvant être considéré comme étant d'origine traumatique. *Ann. méd. psychol.*, Par., 1907, 9. ser., 5: 75-92. — Engel, H. Progressive Paralyse nicht Unfallfolge. *Med. Klin.*, Berl., 1923, 19: 946; 1054. — Euzière. Remarques sur la paralysie générale traumatique au sujet d'une observation de méningo-encéphalite consécutive à un traumatisme. *Montpellier méd.*, 1910, 30: 565-70. — Ferenczi, S. [Can accidents cause progressive paralysis?] *Gyógyászat*, 1908, 48: 469-72. — Gelderen, D. N. van [Fatal dementia paralytica due to an accident] *Ned. tschr. geneesk.*, 1928, 72: 982-6. — Gerlach, F. Trauma, Dementia paralytica und Unfallrente. *Allg. Zschr. Psychiat.*, 1910, 67: 144-69. — Jéquier, M., & Bovet, L. Paralyse générale traumatique. *Schweiz. Arch. Neur. Psychiat.*, 1939, 43: 48-62. — Juquelier, P. Traumatisme et paralysie générale. *Rev. méd. lég.*, 1914, 21: 209-11. — Klauder, J. V., & Solomon, H. C. Trauma and dementia paralytica. *J. Am. M. Ass.*, 1931, 96: 1-7. — Köbke. Progressive Paralyse als Unfallfolge abgelehnt. *Mscr. Unfallh.*, 1919, 26: 277-84. — Krammer, M. [Progressive paralysis caused by an accident] *Gyógyászat*, 1911, 51: 603. — Leibbrand, W. Trauma und Paralyse. *Deut. med. Wschr.*, 1930, 56: 222. — Levert, F. De la paralysie générale traumatique. *Clinique*, Par., 1907, 2: 403-5. — Meyer. Progressive Paralyse nach Verbrennung. *Deut. med. Wschr.*, 1907, 33: 2119. — Minich, K. [Data on traumatic origin of progressive paralysis] *Közegész.* & törv. orvostud. szemle, 1913, 1-4. — Paris, A. Traumatisme et paralysie générale progressive. *Bull. méd.*, Par., 1913, 27: 436. — Régis, E. La question de la paralysie générale traumatique au point de vue médico-légal. *Ann. hyg.*, Par., 1911, 4. ser., 16: 298-308. Also *C. rend. Congr. méd. lég. fr.*, 1911, 1. Congr., 298-308. Also *Rev. méd. lég.*, 1911, 18: 211. — Ribierre, P. Traumatisme et paralysie générale. *Ann. hyg.*, Par., 1907, 4. ser., 7: 481-508. — Vallon, C., & Paul, C. Un cas de paralysie générale d'origine traumatique. *Limousin méd.*, 1908, 32: 161-7. — Ventura, V. E. Traumi cranici e paralisi progressiva. *Rass. stud. psichiat.*, 1938, 27: 622-40. — Zander, P. Progressive Paralyse und Unfall. *Med. Klin.*, Berl., 1910, 6: 2031.

— Etiology: Vaccination.

Ameghino, A. Cultura, vacunación y parálisis general. *Rev. As. méd. argent.*, 1926, 39: 221-38. — Arnold, K., & Kopp, M. Vakzination und Paralyse. *Deut. med. Wschr.*, 1926, 52: 1816-8. — Buduls, H. Schutzpockenimpfung und progressive Paralyse. *Allg. Zschr. Psychiat.*, 1933, 100: 75-84. — Carrière, R. Paralyse und Pockenschutzimpfung; Diskussionsbemerkungen. *Ibid.*, 1927, 86: 45-50. — Kolb. Zum Rätsel der Paralyse; vorläufige Mitteilung. *Ibid.*, 1926, 84: 275-85. — Plaut, F., & Jahnel, F. Die progressive Paralyse, eine Folge der Schutzpockenimpfung? *Münch. med. Wschr.*, 1926, 73: 396-400. — Schutzpockenimpfung, Syphilisverlauf und Paralyse im Lichte tierexperimenteller Untersuchungen. *Ibid.*, 515-8. — Schürky, I., & Kerim, F. Schutz-

pockenimpfung und Paralyse. Ibid., 915.—Wigert, V., & Loberg, K. Vakzination und Paralyse; ein Versuch die Hypothese von Daraszkiwicz zu prüfen. Allg. Zschr. Psychiat., 1926, 85: 257-61.

Eugenic aspect.

See also subheading Type (infantile; juvenile)
BENNEGET, C. *Enquête médico-psychologique sur des descendants de paralytiques généraux. 158p. 25cm. Lyon, 1938.

Kattentidt, B. Zur Frage einer Belastungsstatistik der Durchschnittsbevölkerung; die Erkrankungsverhältnisse in den Neffen- und Nichtenchaften von Paralytikerehegatten. Zschr. ges. Neur. Psychiat., 1926, 103: 288-306.—Luxemburger, H. Demographische und psychiatrische Untersuchungen in der engeren biologischen Familie von Paralytikerehegatten (Versuch einer Belastungsstatistik der Durchschnittsbevölkerung) Ibid., 1928, 112: 331-491.—Panse, F. Beitrag zur Belastungsstatistik einer Durchschnittsbevölkerung (Geschwister und Eltern von 100 Berliner Paralytikerehefrauen) Ibid., 1935-36, 154: 194-222.—Patzig, B. Progressive Paralyse und senile Demenz; erbbiologische, klinische und anatomische Betrachtungen. Zschr. menschl. Vererb., 1939, 23: 661-94.—Schachter, M. Los hijos de los paráliticos generales. Med. niños, 1934, 35: 257-60.—Yudin, T. I. [The form of mental diseases met with in the family of progressive paralytics] Sovrem. psichiat., 1911, 5: 126-43.

Eye and optic nerve.

CANS, F. A. E. *Les lésions du fond de l'œil dans la paralysie générale. 76p. 8°. Montpel., 1906.

DICHAMP, L. *De la valeur diagnostique des troubles oculaires dans la paralysie générale comparée aux autres symptômes de la maladie. 104p. 8°. Toulouse, 1906.

NADAL, F. *Troubles pupillaires chez les paralytiques généraux et leur valeur diagnostique. 94p. 8°. Montpel., 1906.

SCHULTE, H. *Ueber die Beziehungen der genuinen Opticusatrophie zur progressiven Paralyse. 21p. 8°. Würzb., 1907.

ZIMMERMANN, F. [A. K. L.] *Augenmuskellähmungen bei progressiver Paralyse [Kiel] 54p. 8°. Kirchhain, 1918.

Biffis, A. Ricerche anatomo-patologiche e microbiologiche sulle alterazioni del nervo ottico nella paralisi progressiva. Ann. ottalm., 1937, 65: 1; 104; 161.—Bookhammer, R. S. Atrophy of the optic nerve in dementia paralytica: its relation to tryptamide therapy. Arch. Neur. Psychiat., Chic., 1936, 35: 420.—Cantonnet, A. La migraine ophtalmique est-elle un signe de paralysie générale? Sem. hôp. Paris, 1925, 1: 30.—De Angelis, P. La reazione pupillare agli stimoli tossici come segno precoce di paralisi progressiva. Boll. Casa di Salute Fleurent, Nap., 1906, 23: 91-6.—Feldmann, Paralytiker mit normaler Reaktion der Pupillen auf Licht. Deut. med. Wschr., 1907, 33: 327.—Ferraz Alvin, J. Signes oculaires da molestia de Bayle. Rev. otoneurof., B. Air., 1929, 4: 104-7.—Funakawa, Y. Beteiligung der Sehrinde an dem histopathologischen Prozess der progressiven Paralyse. Arch. Ophth., Berl., 1927, 119: 270-90.—Galeazzi, C. Il campo visivo nella paralisi progressiva. Riv. otoneur., 1933, 10: 538-60.—Guillot, P., & Paillas, J. E. Décoloration papillaire avec amblyopie chez un P. G.; stovarsolthérapie; guérison. Rev. otoneur., Par., 1939, 17: 395-8.—Halfman, W. E., & Kaufman, L. R. A case of paresis with optic atrophy. J. Am. Inst. Homeop., 1927, 20: 342-51.—Hamel, Simon & Latapie. Zona ophtalmique et paralysie générale. Normandie méd., 1914, 30: 20-2.—Jocqs. Les troubles oculaires dans la paralysie générale progressive. Clin. opht., Par., 1907, 13: 99-102.—Kiselev, K. V. [Variability of the nerve cells of the ciliary ganglion in progressive paralysis] Nevropat. psichiat., 1936, 5: 289-96.—Lauzier, J. Signe d'Argyll-Robertson unilatéral et conservation du double réflexe consensuel chez une paralytique générale. C. rend. Congr. alién. neur. France, 1927, 31. Congr., 397-400.—Mandel, I. Zur Wiedererweiterung der Pupillen. Psychiat. neur. Wschr., 1927, 29: 489.—Marandon de Montyel, E. Altérations isolées et simultanées des réflexes iriens dans la paralysie générale. Rev. méd., Par., 1907, 27: 1030-66.—Mignot, R., Schrameck, E., & Parrot, L. Valeur diagnostique des troubles oculaires dans la paralysie générale. Encéphale, 1907, 2: 586-93.—Morita, M. On the pupillary changes of dementia paralytica. Sei i kwai, 1913, 32: No. 5.—Nayrac, P., & Franchomme, J. La valeur numérique du réflexe photomoteur dans la paralysie générale. Rev. neur., Par., 1938, 69: 160.—Orlando, R., & Chichilnisky, S. Semiologia y farmacología de la pupila de Argyll-Robertson en la parálisis general progresiva. Sem. méd., B. Air., 1936, 43: 213-5.—Orlando, R., & Moyano, B. A. Patogenia del signo de Argyll-Robertson en la parálisis general. Dia méd., B. Air., 1935, 7: 1575-7.—Rodiet & Bricka. Névro-rétinite dans la paralysie générale. Clin. prat. mal. yeux, 1907, 3: 5-7.—

Schwartz. Zona ophtalmique dans la paralysie générale. Arch. neur., Par., 1909, 1: 106.—& Nadal. Paralysie permanente du nerf moteur oculaire commun avec hémiparésie des muscles de la face chez un paralytique général. Tribune méd., Par., 1908, n. ser., 40: 262.—Silva, C. da. A propósito do tratamento dos paráliticos gerais portadores de distúrbios da visão. Arq. hig., S. Paulo, 1939, 4: No. 5, 115.—Voss, H. Ueber die Häufigkeit normaler Pupillenreaktionen bei progressiver Paralyse. Allg. Zschr. Psychiat., 1933, 99: 445-63.

familial and hereditary.

See also subheading Type, juvenile.

BONNEAU, M. *L'hérédité similaire dans la paralysie générale. 72p. 8°. Par., 1909.

Babonneix, L., Sigwald, J., & Gisselbrecht. Paralysie générale héréditaire. Bull. Soc. pédiat. Paris, 1936, 34: 752-5.—Casella, P. Paralisi progressiva in due fratelli (considerazioni sull'etiopatogenesi della demenza paralitica) Note psichiat., Pesaro, 1927, 3. ser., 15: 127-51.—Claude, H. Excitation maniaque et délire; délire simultané chez 2 sœurs; formes limites de la paralysie générale. Rev. gén. clin. théor., 1934, 48: 369-72.—Fornaca, G. Sull'influenza dell'ereditarietà morbosa nella paralisi progressiva. Riv. sper. freniat., 1907, 33: 631-73.—Hutter, A. [Heredity in dementia paralytica] Ned. tschr. geneesk., 1928, 72: pt 2, 4100-7.—Jacquemet, P. Hérédité similaire dans la paralysie générale. Montpellier méd., 1907, 24: 615-26.—McDonall, C. F. F. General paralysis in father, mother and son. J. Ment. Sc., Lond., 1908, 54: 562-70.—Megendorfer, F. Ueber die hereditäre Disposition zur Dementia senilis. Zschr. ges. Neur. Psychiat., 1926, 101: 387-405.—Morawski, J. [General progressive paralysis as a family psychosis] Polska gaz. lek., 1926, 5: 239.—Porot, Bardenat & Sutter. Paralysie générale chez la mère et la fille; précision de la maladie chez l'enfant. Ann. méd. psychol., Par., 1937, 95: pt 2, 674-8.—Selzer, H. Studi genealogici in famiglie di paralitici progressivi. Neopsichiatria, Pisa, 1936, 2: 507-59, ch.—Urechia, C. I. Paralysie générale chez le père et la fille. Bull. Soc. méd. hôp. Paris, 1934, 3. ser., 50: 1045-7.—Van Bogaert, L., & Dyckmann. Paralysie générale héréditaire et familiale. Bruxelles méd., 1935-36, 16: 95. Also J. belge neur. psychiat., 1936, 36: 50.—Zara, E. Eredità similare e forme familiari di paralisi progressiva. Osp. psichiat., Nap., 1936, 4: 636-50.

Forensic aspect.

See also subheadings Curability; Etiology; Trauma; Social aspect.

BILTZ, E. *Die progressive Paralyse und ihre forensische Würdigung. 21p. 8°. Kiel, 1912.

FORTINEAU, J. *Etude médico-sociale et médico-légale des paralytiques généraux en rémission. 138p. 8°. Par., 1937.

HARZHEIM, C. [J.] *Ueber nachträgliche Feststellung der Geschäftsunfähigkeit bei progressiver Paralyse. 47p. 8°. [Bonn] 1935.

HOLZBACH, E., jr. *Ueber die Zurechnungs- und Geschäftsfähigkeit malariabehandelter Paralytiker. 36p. 21cm. Berl., 1938.

SCHILLER, M. (geb. WANDERS) *Die neuzeitliche Behandlung der progressiven Paralyse in ihrer Bedeutung für den Gerichtsarzt. 41p. 8°. Tüb., 1932.

SCHNEIDER, W. *Soziales Schicksal und Begutachtung defektgeheilter Paralytiker. 29p. 22cm. Königsb., 1935.

SPÄTLING, T. *Die Wiederbemündung bei Paralyse [Bonn] 32p. 8°. Bottrop, 1930.

STEUDEMANN, H. *Ein Paralytiker als Mörder. 34p. 8°. Freib. i. B., 1909.

THORMÄHLEN, M. *Progressive Paralyse und ihre forensische Bedeutung [Kiel] 45p. 8°. Glückstadt, 1913.

Alexander, M., & Nyssen, R. La médecine légale de la paralysie générale sous son aspect actuel. J. neur. psychiat., Brux., 1929, 29: 16-38.—Backlin, E. [Fever therapy of general paralysis from the view-point of legal medicine] Sven. läk. tidn., 1938, 35: 1945-53.—Ballot, G. Les actes délictueux commis par les paralytiques généraux sous l'influence de l'affaiblissement du sens moral, antérieur à l'apparition de symptômes avérés de la maladie. Bull. méd., Par., 1910, 24: 395. Also Gaz. méd. Paris, 1910, No. 63, 5.—Bianchi, L. Paralisi progressiva e capacità giuridica (in tema di testamento) Scuola posit., Roma, 1909, 2. ser., 8: 45; 104.—Boas, K. Ueber die Eigentumsdelikte der Paralytiker. Arch. Krim., 1914, 60: 133.—Bostrom, A. Die Begutachtung der behandelten Paralytiker. Deut. Zschr. gerichtl. Med., 1934-35, 24: 75-97. Also Deut. med. Wschr., 1935, 61: 161-6.—

Bowers, P. E. Paretic patients sent to prison. *J. Am. M. Ass.*, 1912, 58: 771-3.—Brassert, H. Selbstverstümmelung bei Paralyse. *Allg. Zschr. Psychiat.*, 1913, 70: 564-7.

Bravo y Moreno, F. Notas para un informe de psiquiatría forense en un caso de parálisis general en período demencia. *Gac. méd. catalan.*, 1909, 35: 292-6. Also *Protoc. med. forense*, Teruel, 1909, 11: 186-9.—Cannac. Paralytiques généraux dangereux. *Echo méd. nord*, 1908, 12: 252.—Cimbal. Zu dem Artikel von Dr Geissler in Nr. 9 dieser Zeitschrift; Unter welchen Voraussetzungen darf man die Nichterkennung der progressiven Paralyse als einen ärztlichen Kunstfehler bezeichnen? *Zschr. Medbeamte*, 1913, 26: 426-8.—Claude, H. Condition médico-légale des paralytiques généraux traités. *Bull. Acad. méd., Par.*, 1927, 3. ser., 97: 614-6. Also *Internat. J. M. & S.*, 1929, 42: 386-8. — & Targowla, R. Les conséquences médico-légales des nouveaux traitements de la paralyse générale. *C. rend. Congr. alién. neur. France*, 1928, 32. Congr., 409-14.—Cristiani, A. La capacità civile nelle remissioni della paralisi generale progressiva. *Boll. clin.*, Milano, 1914, 31: 71-7. Also *Riv. ital. neuropat.*, 1914, 7: 24-31.—Cucchi, A. La malarioterapia nel paralitico progressivo e i suoi problemi medico-legali. *Riv. sper. freniat.*, 1936, 60: 333-66.—Dupré & Marmier. Paralytiques généraux condamnés en pleine démence. *Rev. méd. lég.*, 1913, 20: 203.—Eckart, G. Wird man einem malariebehandelten Paralytiker das Ehetauglichkeitszeugnis erteilen können? Gegebenenfalls, an welche Voraussetzungen wäre die Erteilung zu knüpfen? *Veröff. Volksgesundheitsdienst*, 1938, 51: 347-62.—Euzière & Vidal, J. Crime commis par un paralytique général au cours d'une période de rémission après malarithérapie. *Ann. méd. lég.*, 1939, 19: 597-9.—Fortineau, J. Responsabilité des paralytiques généraux traités. *Bruxelles méd.*, 1938-39, 19: 1095. — Médecine légale des paralytiques généraux en rémission. *Ann. méd. lég.*, 1939, 19: 102-22.—Geissler, W. Unter welchen Voraussetzungen darf man die Nichterkennung der progressiven Paralyse als einen ärztlichen Kunstfehler bezeichnen? *Zschr. Medbeamte*, 1913, 26: 337-46.—Glos, A. Simulation der Paralyse progressiva. *Arch. Krim. Anthropol.*, 1907, 28: 215-9.—González Deteito, F. Medicina legal de la parálisis general progressiva. *Siglo méd.*, 1935, 96: 318-24.—Grosz, K., & Sträussler, E. Zur Frage der forensischen Bedeutung der Wagner-Jauregg'schen Paralysebehandlung. *Zschr. ges. Neur. Psychiat.*, 1927, 111: 485-94.—Horstmann, W. Ueber den Begriff der an Gewissheit grenzenden Wahrscheinlichkeit und seine Anwendung im ärztlichen Gutachten; zugleich ein Beitrag zur gerichtsarztlichen Beurteilung des geheilten Paralytikers. *Allg. Zschr. Psychiat.*, 1938, 107: 129-41.—Iacotini, R. Un caso di paralisi generale, diagnosi precoce; provvedimento medico-legale. *Ann. med. nav.*, Roma, 1907, 1: 41-6.—Janský, J. [Progressive paralysis and jurisprudence]. *Rev. neuropsychopath.*, Praha, 1914, 11: 161-5.—Joë, B. [Liability and acting capacity of paralytics treated by fever]. *Orv. hetil.*, 1932, 76: 139-42.—Lafora, G. R. Sobre la incapacidad precoz de las parálisis generales. *Siglo méd.*, 1938, 81: 81-5.—Laignel-Lavastine, d'Heucqueville, G., & Gautier, G. Tentative de suicide par la hache, d'un alcoolique au début d'une paralyse générale. *Ann. méd. psychol.*, Par., 1934, 92: 741.—Leguilland, L., & Salmon, J. Paralytique général en rémission condamné après expertise. *Ann. méd. lég.*, 1939, 19: 680-6.—Leppmann, F. Paralyse, Malaria-Behandlung und Strafrecht. *Aerzt. Sachverst. Ztg.*, 1928, 34: 159-68.—Marsella, F. Nuovi concetti medico-legali sulla demenza paralitica specialmente in rapporto all'assicurazione vita. *Arch. antrop. crim.*, Tor., 1933, 53: 1198-210.—Mendel, K. Hilfsbedürftigkeit bei progressiver Paralyse (Syphilis bei der Pflege Syphilitischer akquiriert) als D. B. anerkannt. *Med. Klin.*, Berl., 1927, 23: 1740.—Miranda, R. Parálisis general progressiva: dictamen en un juicio de interdicción. *Rev. méd. veracruz.*, 1923, 3: 129-35.—Oesterlen. Ein Fall von progressiver Paralyse mit nach dem Tode des Rentenempfängers anerkannter Dienstbeschädigung. *Med. Klin.*, Berl., 1926, 22: 926-8.—Pardo Figueroa, E., & Bambarén, C. A. Interdicción civil por demencia paralitica; informe presentado al juzgado de primera instancia. *Crón. méd.*, Lima, 1932, 49: 119-23.—Paris, A. Paralytiques généraux condamnés et incarcérés. *Arch. internat. neur.*, Par., 1913, 11. ser., 137-40.—Pilcz, A. Forensische Beurteilung der progressiven Paralyse mit besonderer Berücksichtigung der Malarithérapie. *Wien. med. Wschr.*, 1935, 85: 624; 660.—Pojoja, N. Traitement de la paralyse générale par la malarithérapie et le problème de l'expertise. *Ann. méd. psychol.*, Par., 1929, 87: pt 2, 298-308.—Porot, A. Histoire d'un paralytique général en rémission et d'une compagnie d'assurance. *Ann. méd. lég.*, 1939, 19: 614-20.—Rayneri, F., & Rodríguez Ecay. Incapacidad mental por demencia paralitica de origen alcohólico; informe medico-legal. *Crón. méd. quir.*, Habana, 1905, 31: 49-53.—Rogues de Fursac, J., & Rodiet, A. Accident causé par un chauffeur d'automobile atteint de paralyse générale. *Ann. méd. lég.*, 1923, 3: 207-11.—Sardone, A. Sul valore medico-legale delle remissioni della paralisi progressiva. *Cervello*, 1931, 11: 189.—Schneider, C. Die forensische Bedeutung der neuzeitlichen Paralysebehandlung. *Deut. Zschr. gericht. Med.*, 1926, 7: 333-43.—Vermeylen, G., & Vervaeck, P. Homicide commis par un paralytique général malarisé. *Ann. méd. lég.*, 1935, 15: 300-5.—Wimmer, A. Considérations médico-légales sur les paralytiques guéris par la malarithérapie. *C. rend. Congr. alién. neur. France*, 1928, 32. Congr., 415-20. Also *Encéphale*, 1928, 23: 569-77.

[The cured paralytic's medico-legal position] *Hospitalstidende*, 1932, 75: 164-74.

Frequency.

HERRMANN, E. [F. F.] *Die Häufigkeit der progressiven Paralyse. 11p. 8° Rost., 1935.

Benon, R. La paralyse générale serait-elle en diminution. *Bull. Acad. méd., Par.*, 1924, 3. ser., 91: 261-3.—Clark, O. Paralysis geral dos alienados nas enfermarias de clinica medica (9 casos) *Brasil med.*, 1917, 31: 157-9.—Moore, M., & Merritt, H. H. Dementia paralytica at the Boston Psychopathic Hospital. *N. England J. M.*, 1936, 215: 108-10. Also repr.—Petersen, M. C. Age incidence of paresis. *Am. J. Psychiat.*, 1932, 12: 521. — Age incidence of dementia paralytica. *Ibid.*, 1937, 94: 309.—Remertz, O. Statistischer Beitrag zur Paralysefrage bei Mittel- und Unterbeamten mit besonderer Berücksichtigung der Militärärzter. In *Festschr. Feier 10jähr. Besteh. Akad. prakt. Med. Cöln*, Bonn, 1915, 67-77.—Schwartz, W. Abnahme der Paralyseinzugänge während der letzten Jahre? *Psychiat. neur. Wschr.*, 1925, 27: 163.—Sézary, A., & Barbé, A. La paralyse générale dans la population rurale; fréquence et remarques étiologiques. *Ann. derm. syph.*, Par., 1931, 7. ser., 2: 340-54.—Smith, J. C. [On the question of the frequency of dementia paralytica and its antisyphilitic treatment] *Hospitalstidende*, 1927, 70: 311-23.—Sokolausky, G. G. [Cause of increasing frequency of paresis] *Klin. med.*, Moskva, 1928, 6: 358-62.—Williams, G. H. Dementia paralytica, within and without state hospitals. *Ohio M. J.*, 1916, 12: 101-3.

Frequency, geographic.

BOUVAIST, J. *La paralyse générale dans l'Aveyron; contribution à l'étude de l'étiologie de la paralyse générale progressive. 47p. 8° Montpel., 1906.

HÜNI, K. *Ueber die Häufigkeit der progressiven Paralyse in der Schweiz. 35p. 8° Zür., 1918.

Arnesen, H. [General paralysis during 1891-1918] *Med. rev.*, Bergen, 1920, 37: 333-50.—Cucchi, A. Nota storica sull'evoluzione della paralisi progressiva nelle Provincie di Reggio-Emilia e Modena. *Riv. sper. freniat.*, 1937, 61: 116-36, ch.—Cuccia, V. Sulla frequenza della paralisi progressiva in Sicilia. *Policlinico*, 1927, 34: sez. prat., 421-6.—Ehlers, E. Syphilis et paralyse générale en Islande. *Bull. Soc. fr. derm. syph.*, 1894, 5: 564-9. — Syfilis og Dementia paralytica paa Island. *Ugeskr. læger*, 1894, 5. R. 2: 957-63.—Heiberg, P. Die Zahl der Syphilis-Fälle in Kopenhagen und die Zahl der an progressiver Paralyse in Skt. Hans Hospital Gestorbenen. *Zbl. Nervenh.*, 1907, n. F., 18: 126-8.—Herschmann, H. Ueber die Paralysefrequenz in Wien 1923-1927, nebst einigen Bemerkungen über die Wirksamkeit der Paralysebehandlung durch Impfmalaria. *Wien. med. Wschr.*, 1928, 78: 915; 1018.—Hoverson, E. T., & Morrow, G. W. The age incidence and distribution of general paresis in Eastern Illinois. *Am. J. Psychiat.*, 1934, 13: 1317-30.—Huidschinsky, K. Die ethnographische und historische Ähnlichkeit zwischen der Verbreitung der Paralyse und der Rachitis. *Zschr. ges. phys. Ther.*, 1927, 34: 9-11.—Ichok, G. Statistique de la paralyse générale en France. *Prophyl. antivenér.*, Par., 1938, 10: 573-82.—Itten, H. W. Häufigkeit, Erkrankungsalter, Krankheitsdauer und Heilerfolg der wegen progressiver Paralyse in den Irrenanstalten der Schweiz, in den Jahren 1910-1915 und 1920-1924 Aufgenommenen. *Schweiz. med. Wschr.*, 1926, 56: 1142-6.—Kolb. International comparative statistic of general paresis; a program and request. *J. Nerv. Ment. Dis.*, 1926, 64: 225-8.—Moreira, J. A new contribution to the study of dementia paralytica in Brazil. *Tr. Internat. Congr. Med.* (1913) 1914, 17. Congr., Sect. 12, *Psychiat.*, pt 2, 41-50. — & Penafiel, A. A contribution to the study of dementia paralytica in Brazil. *J. Ment. Sc.*, Lond., 1907, 53: 507-21.—Morpurgo, E. La demenza paralitica nella provincia di Padova durante il decennio luglio 1907-giugno 1917. *Gior. psichiat.*, 1920, 48: 35-66.—Pennacchi, F. Rilievi statistico-clinici sulla paralisi progressiva nell'Umbria. *Ann. Osp. psichiat.*, Perugia, 1932, 26: 463-72.—Prendergast, F. G. General paralysis of the insane in Victoria. *Med. J. Australia*, 1939, 2: 361-4.—Querrey & de Boucaud. La paralyse générale en Gironde de 1910 à 1934. *J. méd. Bordeaux*, 1935, 112: 447-50.—Rodríguez-Morini, A. Contribution à l'étude clinique de la paralyse générale en Espagne. *C. rend. Congr. internat. méd.*, 1906-7, 15. Congr., sect. 7, 632-48.—Rothström, G. E. A. [Frequency of dementia paralytica in Helsingfors, 1904-1928] *Fin. läk. säll. hand.*, 1930, 72: 633-62.—Schaar, P. J. van der. Die Paralyse bei der Bevölkerung von Java. *Zschr. ges. Neur. Psychiat.*, 1934, 151: 497-558.—Schückri, A. Ueber das Vorkommen von progressiver Paralyse in der Türkei. *Münch. med. Wschr.*, 1926, 73: 64.—Sciuti, M. Paralisi progressiva e urbanismo. *Osp. psichiat.*, Nap., 1934, 2: 563-86.—Senise, T. La diffusione della paralisi progressiva in Brasile e in altre parti del mondo. *Cervello*, 1935, 14: 81-100.—Vianna, U. Contribuição ao estudo das causas da demencia paralytica no Rio de Janeiro, especialmente pesquisadas no Hospital Nacional de Alienados. *Brasil med.*, 1916, 30: 299.—Wiedeburg, P. H. Zur Ausbreitung der Paralyse in Deutschland. *Allg. Zschr. Psychiat.*, 1928, 88: 243-79.—Zitanakis, G. La paralyse générale progressive dans les hôpitaux grecs de Constantinople; statistique de 15 années (1908-22) *Ann. méd. psychol.*, Par., 1925, 83: 119-46.

Frequency: Race.

PLAUT, F. Paralysestudien bei Negern und Indianern; ein Beitrag zur vergleichenden Psychiatrie. 98p. 8°. Berl., 1926.

Adams, G. S., & Kanner, L. General paralysis among the North American Indians; a contribution to racial psychiatry. *Am. J. Psychiat.*, 1926-27, 6: 125-33, pl. Also *Arch. internat. neur.*, Par., 1927, 20. ser., 1: 168-70.—Barnes, F. M., jr. General paralysis in the Negro. *N. York M. J.*, 1913, 98: 767-71. Also repr.—Brero, P. C. J. van. Dementia paralytica bei den Eingeborenen von Java und Madura. *Allg. Zschr. Psychiat.*, 1912, 69: 571-87.—Cazanove & Bacqué. Deux cas de paralysie générale chez les indigènes de l'Afrique Occidentale Française. *Rev. méd. hyg. trop.*, Par., 1932, 24: 57-66.

Un nouveau cas de paralysie générale indigène. *Ibid.*, 1933, 25: 86-94.—Cochrane, A. A case of general paralysis. *Ind. M. Gaz.*, 1911, 46: 422.—Dorolle, P. Paralysie générale et troubles psychiques, d'origine syphilitique, chez l'indigène de Cochinchine. *Bull. Soc. path. exot.*, Par., 1935, 28: 763; 849. Also *Presse méd.*, 1935, 43: 1991. Also *Bull. Acad. méd.*, Par., 1936, 3. ser., 115: 127.—Fitzgerald, J. G. Paresis: certain features in regard to etiology and differential diagnosis. *Canad. Pract. Rev.*, 1907, 32: 664-70.—Forster, B. La paralysie générale chez les nègres. *Arch. internat. neur.*, Par., 19. ser., 2: 41-3.—Foster, R. H. Paresis in the Negro. *Am. J. Psychiat.*, 1925-26, 5: 631-40.—Fraser, G. H. General paralysis of the insane in Burma. *Ind. M. Gaz.*, 1934, 69: 661-5.—Ganter, M. R., & Schaar, P. J. van der. [Encephalography in East-Indian and Chinese patients of dementia paralytica] *Geneesk. tsschr. Ned. Indië*, 1931, 71: 969-89, 8 pl.—Hakim, A. Les cas de paralysie générale observés à l'Hôpital Avicenne à Damas. *Rev. prat. mal. pays chauds*, 1938, 18: 24-8.—Harvey, J. L. Cases of general paresis in China. *China M. J.*, 1920, 34: 123-30.—Heffernan, P. A case of general paralysis of the insane in a native town of India. *Ind. M. Gaz.*, 1911, 46: 17.—Kanner, L. The racial prospect of general paralysis. *Am. J. Syph.*, 1927, 11: 23-30. Also *Zschr. ges. Neur. Psychiat.*, 1927, 108: 680-6.—Kolipski, L. Paresis and the Negro. *Virginia M. Month.*, 1940, 67: 107.—Marie, A. Quelques photographies d'Arabes syphilitiques et paralytiques généraux. *Nouv. iconogr. Salpêtrière*, 1906, 19: 592-4, 2 pl.

Deux nègres paralytiques généraux. *Bull. Soc. clin. méd. ment.*, Par., 1929, 17: 4-7.—Peyrot, J. Paralysie générale chez un Dahoméen. *Marseille méd.*, 1924, 61: 97-101.—Pfister, M. O. The problem of paralytic dementia in China and the treatment with malaria. *China M. J.*, 1929, 43: 683-93.—Porot, A. La paralysie générale chez l'indigène nord-africain. *Gaz. méd. France*, 1931, 476-83. — & Senges, N. La paralysie générale chez les Arabes. *Ann. méd.*, Par., 1919, 6: 444-8.—Ramée, F., Maril, F., & Porot, F. Remarques à propos de 8 cas de paralysie générale chez l'indigène musulman algérien. *Bull. Soc. fr. derm. syph.*, 1939, 46: 738-43.—Samuels, W. F. General paralysis of the insane in Federated Malay States. *Ind. M. Gaz.*, 1916, 51: 453-5.—Sturton, S. D. Dementia paralytica. *China M. J.*, 1924, 28: 1004-6.—Zara, E. Su di un caso di paralisi progressiva in individuo di razza negra; considerazioni patogenetiche sulla sifilide nervosa esotica. *Osp. psichiat.*, Nap., 1935, 3: 466-80.

Frequency—in syphilis.

See also subheading Etiology: Syphilis.

Aebly, J. Wie viele luetisch Infizierte erkranken an progressiver Paralyse? *Zschr. ges. Neur. Psychiat.*, 1931, 136: 322-8.—Baudouin, A., & Marcorelles, E. Paralyse et syphilis. *Rev. neur.*, Par., 1914, 22: 669-77.—Desneux, J. Paralyse générale et syphilis. *Progr. méd. belge*, 1914, 16: 74.—Heiberg, P. Variations in the number of reported cases of syphilis and in the number of deaths from general paresis. *Acta psychiat. neur.*, Kbh., 1932, 7: 189-99.—Laignel-Lavastine, M. Les déments des syphilitiques (observations personnelles inédites). *Tr. Internat. Congr. Med.* (1913) 1914, 17. Congr., Sect. 12. *Psychiat.*, pt 2, 143-6.—Mattauschek, E., & Pilez, A. Beitrag zur Lues-Paralyse-Frage (erste Mitteilung über 4134 katamnestisch verfolgte Fälle von luetischer Infektion) *Zschr. ges. Neur. Psychiat.*, 1911, 8: Orig., 133-52. Also *Ann. méd. psychol.*, Par., 1912, 10. ser., 1: 331-8.—Noguchi, I. Dementia paralytica and Syphilis. *Jahrb. ärztl. Ver. Frankfurt a. M.* (1913) 1914, 144-7.—Taddei, G. Paralisi progressiva insorta in quattro soggetti che contrassero contemporaneamente la sifilide da una stessa fonte di contagio. *Riv. pat. nerv.*, 1938, 51: 524-8.—Truit, R. P. Syphilis and general paralysis. *Panamer. S. & M. J.*, 1915, 20: No. 6, 46-58.—Wagner-Jauregg. Wie viele luetisch Infizierte erkranken an progressiver Paralyse? *Zschr. ges. Neur. Psychiat.*, 1930, 128: 576-9.

History of research.

See also subheading Treatment: History.

KIGGEN, H. J. *Die gegenwärtigen Aussichten über die Aetiologie der progressiven Paralyse. 14p. 8°. Würzb., 1907.

Bonhomme. Les acquisitions récentes dans le domaine de la paralysie générale. *Rev. méd. Suisse rom.*, 1914, 34: 338-42.—Coen Beninfante, A. Per la storia della paralisi progressiva. *Gior. psychiat.*, 1935, 63: 228-40.—Daumézon & Masson, J.

Evolution du diagnostic et du pronostic de la paralysie générale dans les cinquante dernières années dans un asile d'aliénés. *Paris méd.*, 1938, 109: 449.—Dubel, H. Die Paralyse in neuerer Zeit. *Allg. Zschr. Psychiat.*, 1929, 90: 27-54.—Greidenberg, B. S. [Appointment of a permanent international commission for the study of progressive paralysis] *Prakt. vrach.*, 1914, 13: 19.—Hallager, F. [Recent contributions to the question of parietic dementia; its cause and treatment] *Ugeskr. læger*, 1909, 71: 169; 193; 219.—Hirschboeck, J. S. Notes on the history of paresis. *Marquette M. Rev.*, 1936-37, 1: 40-3.—Joffroy & Mignot. L'évolution de la paralysie générale. *Clinique*, Par., 1909, 4: 619-22.—Lowrey, L. G. A study of some cases diagnosed as paresis in pre-Wassermann days. *J. Nerv. Ment. Dis.*, 1916, 43: 324-32.—May, J. V. A review of the recent studies of general paresis. *Proc. Am. Med. Psychol. Ass.*, 1909, 16: 333-40. Also *Am. J. Insan.*, 1910, 66: 543-9.—Mitchell, H. W. General paralysis of the insane; recent developments in the diagnosis and treatment. *N. York M. J.*, 1914, 100: 605-9.—Orbán, S. [Present status of progressive paralysis] *Gyógyászat*, 1938, 78: 126; 142.—Pilez, A. Die jüngsten Fortschritte auf dem Gebiete der Lehre von der progressiven Paralyse. *Med. Klin.*, Berl., 1914, 10: 800-4.—Wagner-Jauregg, J. Fortschritte in der Paralyselehre. *Wien med. Wschr.*, 1927, 77: 243-7.—Williamson, G. S. The Bacillus paralyticus. *J. Ment. Sc.*, Lond., 1909, 55: 642-55.

Immunity.

See also subheading Complications, syphilitic.

Beck, A. Investigations on the problem of immunity against *Spirochaeta pallida* in general paralytics treated with malaria. *J. Ment. Sc.*, Lond., 1936, 82: 254-62.—Caldwell, W. A. The immunity reactions against cultivated *Spirochaeta pallida* of general paralytics treated by induced malaria. *Brit. J. Exp. Path.*, 1929-30, 11: 1-5.—Gallinek, A. Experimentelle Studien zur Frage der Immunitätsverhältnisse bei Paralyse. *Mtschr. Psychiat.*, 1931, 79: 292-301.—Jahnel, F., & Lange, J. Zur Syphilisimmunität der Paralytiker. *Munch. med. Wschr.*, 1926, 73: 1875-7.—Jäsi, F. Positive Ergebnisse bei Superinfektionsversuchen an Paralytikern. *Arch. Derm. Syph.*, Berl., 1934, 170: 181-93. Also *Arch. ital. derm.*, 1934, 10: 435.— & Pennacchi, F. Allergia cutanea e superinfezione sifilitica nella paralisi generale progressiva (demenza paralytica) *Ann. Osp. psichiat.*, Perugia, 1933, 27: 113-59, 4 pl.—Plaut, F. Untersuchungen über Trypanocidie, Phagocytose und aktive Immunisierung bei Paralyse nebst einigen Erwägungen. *Zschr. ges. Neur. Psychiat.*, 1926, 101: 512-34.—Rosanoff, A. J. Immunity against tuberculosis in general paresis. *J. Am. M. Ass.*, 1909, 52: 530.

Incubation.

NOWICKI, G. M. *Paralyse générale précoce 3 ans après un chancre traité par le 606. 48p. 8°. Par., 1914.

Ehlers. Cas de paralysie générale ayant débuté 3 ans après l'infection syphilitique. *Bull. Soc. fr. derm. syph.*, 1908, 19: 24-6.—Fournier, A. Paralyse générale débutant à la troisième année d'une syphilis. *Ibid.*, 48.—Giraud, G. A propos des formes de paralysie générale à début rapproché de l'accident primitif. *Presse méd.*, 1939, 47: 197.—Lombardo, F. Paralysis general tardia. *Rev. As. méd. argent.*, 1933, 47: 2172-7.—Lomholt, E. [Incubation time of general paralysis] *Hospitals-tidende*, 1931, 74: 1175-82.—Marchand, L., Longuet, Y., & Anglade, L. Un cas de paralysie générale survenue 3½ ans après le chancre. *Ann. méd. psychol.*, Par., 1937, 95: 243-6.—Marchand, L., & Petit, G. Paralyse générale précoce ayant débuté 2 ans après l'accident primitif syphilitique. *Rev. psychiat.*, Par., 1910, 14: 1-10.—Marchand, L., & Picard, J. Paralyse générale apparue 2 ans après l'infection syphilitique. *Bull. Soc. clin. méd. ment.*, Par., 1927, 15: 67-70.—Mauapé, L., & Desraelles, U. Un cas de paralysie générale précoce. *Echo méd. nord*, 1909, 13: 233-7.—Nordman. Paralyse générale précoce. *Loire méd.*, 1932, 46: 383.—Ostertag, B. Zur Pathogenese und Pathologie der Paralyse; über das Minimum des Intervalls zwischen luetischer Infektion und Ausbruch der Paralyse. *Mtschr. Psychiat.*, 1928, 68: 430-52.—Pousses, S. [Average duration of the course of general paralysis] *Γαλλοσφ. μηνιαίον*, 1908, 8: 85.—Zeifert, M. Psychosis with syphilitic meningo-encephalitis (general paresis) 8 months after chancre. *Psychiat. Q.*, 1939, 13: 449-55.

Manifestations.

MEYER, O. *Zur Symptomatologie der progressiven Paralyse. 43p. 8°. Kiel, 1916.

Bernal. Sémiologie de la paralysie générale. *Rev. gén. clin. théor.*, 1929, 43: 577-9.—Bigelow, O. P. Dementia paralytica; general symptomatology. *Bull. Iowa Inst.*, 1912, 14: 226-55.—Moravcsik, E. E. [A rare symptom of progressive paralysis] *Elme & idegkört.*, 1908, 43-5.—Rémond & Voivenel. Le syndrome paralysie générale. *Encéphale*, 1909, 2: 277-85.—Romano, A. Sulla genesi degli epifenomeni parossistici nella paralisi progressiva. *Incurabili*, Nap., 1910, 25: 289; 364.—Vallorta, D. Sull'importanza dell'elemento individuale nella sindrome di un caso di paralisi progressiva. *Manicomio*, 1908, 24: 247-60.

— Manifestations, mental.

See also subheading Type.

AUTHIER, J. R. *Des prédominances symptomatiques et anatomo-pathologiques dans la paralysie générale et dans la sénilité cérébrale. 210p. 8°. Bord., 1911.

BOUCHAIN, M. *Contribution à l'étude de l'algidité centrale dans la paralysie générale. 58p. 8°. Montpel., 1912.

BREGER, R. *Ictus amnésiques au cours de la paralysie générale. 54p. 8°. Par., 1913.

FEILBACH, W. *Zur Untersuchungen der Assoziationen bei Dementia paralytica [Giessen] 82p. 8°. Halle, 1914.

JACQUES, S. *Contribution à l'étude de la paralysie générale (état mental et évolution) 49p. 8°. Montpel., 1913.

OESCHEY, O. *Die Bedeutung der prä-psychotischen Persönlichkeit für das klinische Bild der Paralyse. 55p. 8°. Münch., 1928.

SCHILDER, P. Studien zur Psychologie und Symptomatologie der progressiven Paralyse. 176p. 8°. Berl., 1930.

WIERSBERG, J. *Psychologische Untersuchungen über die Merkfähigkeit bei der progressiven Paralyse und der Dementia senilis. 43p. 8°. Bonn, 1910.

BENON, R. Les ictus amnésiques dans la paralysie générale. *Gaz. hôp.*, 1908, 81: 1335-7. — L'amnésie dans la paralysie générale. *Ibid.*, 1911, 84: 1315-21. — Biok, A. M. [Case of dementia paralytica in the light of psychoanalysis] *Ned. tschr. geneesk.*, 1927, 71: 329. — Catalán, E. La memoria del cálculo en la parálisis general progresiva. *Rev. crim. psiquiat.*, B. Air., 1922, 9: 706-13. — Claude, H., & Masquin, P. L'examen de fond mental des paralytiques généraux par la méthode des tests. *Ann. méd. psychol.*, Par., 1933, 91: pt 2, 71: 173. — Dawson, W. S. General paralysis with déjà vu phenomenon. *Proc. R. Soc. M., Lond.*, 1926-27, 20: Sect. Psychiat., 6. — Feilbach, W. Zur Untersuchung der Assoziationen bei Dementia paralytica. In *Klin. psych. nerv. Krankh.* (Sommer, R.) Halle, 1914, 9: 97-173. — Ferrari, M. Apraxia e parálisis progressiva. *Gazz. osp.*, 1909, 30: 892. — Joffroy. La perte de mémoire du calcul comme signe précoce de l'affaiblissement intellectuel des paralytiques généraux. *Rev. gén. clin. théor.*, 1907, 31: 177-9. — Landis, C., & Rechetnick, J. Changes in psychological functions in paresis. *Psychiat. Q.*, 1934, 8: 693-8. — Leroy, R., & Lelong, P. Affaiblissement intellectuel de type paralytique chez une intermittente spécifique; réactions négatives du liquide céphalo-rachidien. *Bull. Soc. clin. méd. ment.*, Par., 1928, 16: 60-4. — Luniewski, W. [Flight of ideas in progressive paralysis] *Neur. polska*, 1913, 3: 581-95. — Mabilly & Perrens. Les transformations évolutives dans la paralysie générale et les idées de suicide chez les paralytiques généraux. *C. rend. Congr. alién. neur. France*, 1911, 21. Congr., 340. — Maillard, G., & Le Maux. Paralyse général précoce avec suggestibilité d'apparence catatonique. *Encephale*, 1912, 1: 40-3. — Meerovich, R. I. [Psychological analysis of tendencies of completion in general paralysis] *Nevropat. psikihiat.*, 1936, 5: 793-812. — Mirskaia, M. M., & Rosenberg, A. Z. [Changes in personality in paralysis with complete and partial restoration] *Ibid.*, 1937, 6: No. 6, 77-86. — Moravcsik, E. E. Rascher Wechsel expansiver und depressiver Zustandsbilder in einem Falle progressiver Paralyse. *Zbl. Nervenh.*, 1908, 31: 409-11. — Rohde. Ueber Gedächtnisausfälle bei Paralytikern. *Korbl. allg. ärztl. Verein. Thüringen*, 1913, 42: 512. — Schube, P. G. Emotional states of general paresis. *Am. J. Psychiat.*, 1934-35, 91: 625-38. — Simon, T. Le niveau mental des paralytiques généraux. *Ann. méd. psychol.*, Par., 1930, 88: 385-94. — Stanojevic, L. Ueber die Art des Gedächtnisabbaues bei Paralytikern (eine experimentell-psycho-pathologische Studie) *Arch. Psychiat.*, Berl., 1926, 79: 170-4. — Ueber verbale Amnesie für Farben bei Paralytikern. *Wien. med. Wschr.*, 1928, 78: 938. — Thompson, E. J. T. Mental conditions. *Med. J. Australia*, 1927, 2: 133-6. — Thurzó, E., & Ferenczy, J. Psittacismus bei einem Falle von Dem. par. progr. und dessen Differenzierung von der Verbigation und Schizophrenie. In *Hughlings Jackson Mem. Vol.*, Debrecen, 1935, No. 3, 17. — Tomescu, P., & Ionescu-Buscani, I. [Morbid suggestibility in cases of general paralysis] *Spitalul*, 1929, 49: 50-3. — Westphal, K. Ueber reduzierende Paranesie (Pick) und verwandte Symptome bei progressiver Paralyse. *Zschr. ges. Neur. Psychiat.*, 1927, 110: 585-606 [Nachwort von W. Mayer-Gross] 607-10.

— Manifestations, neural.

MEGGENDORFER, F. *Experimentelle Untersuchungen der Schreibstörungen bei Paralytikern. [München] 82p. 8°. Lpz., 1910.

ROLLER, P. *Ein Fall von Dem. paralytica mit Säuglingsreflex (Stransky) 31p. 8°. Lpz., 1908.

ROTH, M. *Ein Beitrag zu den Sensibilitätsstörungen der progressiven Paralyse. 72p. 8°. Würzb., 1906.

ZENDIG, W. *Ueber Analgesia totalis bei progressiver Paralyse. 35p. 8°. Lpz., 1907.

Aubry, E., Aubry, P., & Mignardot. Les formes douloureuses de la paralysie générale. *Bull. Soc. fr. derm. syph.*, 1936, 43: 188-92. — Bouchaud. Un cas de main de prédicateur chez un paralytique général. *J. sc. méd. Lille*, 1907, 1: 193-206. — Brers, P. C. J. van. Een geval van dyslogische paragrafie en paralexie bij algemeene progressieve paralyse. *Geneesk. tschr. Ned. Indië*, 1892, 32: 555-64, pl. — Butenko, A. A. [Changes in sensation in progressive paralysis; lowering of the cutaneous sensation and the deep sensation to pain (especially periosteal) analgesia in percussion of the dorsum of the hand] *J. nevropat. psikihiat.*, Moskva, 1910, 10: 780-98. — [Certain peculiarities in conditioned reflexes in progressive paralysis] *Obozr. psikihiat. nevr.*, 1912, 17: 535-47. — Castex, M. R. Hemiparesia y hemitemblor córico, en una parálisis general progresiva. *Prensa méd. argent.*, 1915-16, 11: Suppl., 20-2. — Chavany, J. A. Paralysie générale et ictus cérébraux. *J. méd. chir.*, Par., 1937, 108: 645-50. — Dimitri, V. Amiotrofias de miembros superiores en parálisis generales. *Rev. As. méd. argent.*, 1933, 46: 3050-2. Also *Prensa méd. argent.*, 1934-35, 21: 577-84. — Euzière & Clément. Réflexions sur quelques particularités des troubles moteurs dans un cas de paralysie générale. *Montpellier méd.*, 1909, 28: 448-50. — Fischer, O. Ueber die sogenannten rhythmischen, mit dem Puls synchronen Muskelzuckungen bei der progressiven Paralyse. *Mischr. Psychiat.*, 1907, 21: 273-80. — Froment, J., & Guibert. Le paralytique général qui prononce ou écrit le mot d'épreuve, à des lapsus, non par dysarthrie mais par inattention, par omission, assimilation syllabique ou dissimulation. *Rev. neur.*, Par., 1933, 40: 1200-5. — Galant, J. S. Reflexus claviculobrachialis. *Psychiat. neur. Wschr.*, 1928, 30: 563. — German, I. S. [Laevolateral continuous spasm of the diaphragm in the last stage of progressive paralysis, accompanied by continuous spasmodic twitching in the entire left side] *J. nevropat. psikihiat.*, Moskva, 1910, 10: 930-40. — Gordon, A. A study of reflexes of the lower extremities in 60 cases of paresis, with a special reference to the paradoxical reflex. *J. Nerv. Ment. Dis.*, 1907, 34: 430-3. — Gougerot. Les reliquats cicatriciels de la syphilis viscérale; épilepsie résiduelle après guérison de la paralysie générale progressive, etc. *Paris méd.*, 1929, 71: 209-12. — Hadjidian, Z., & Hoagland, H. Chemical pacemakers for alpha brain wave frequencies in general paresis. *Am. J. Physiol.*, 1939, 126: 517. — Hanón, J. L. Contribución a la fisiopatología de los síntomas neurológicos de la parálisis general. *Sem. méd.*, B. Air., 1936, 43: 966-84. — Haverland, P. Paralysie générale avec tremblement; prédominant importance de la ponction lombaire pour le diagnostic. *J. sc. méd. Lille*, 1922, 40: 394-7. — Hermann, J. S. Ueber linksseitigen kontinuierlichen Krampf des Zwerchfells im letzten Stadium der progressiven Paralyse, begleitet von konvulsiven Zuckungen der ganzen linken Seite. *Zschr. Neur. Psychiat.*, 1910-11, 4: Orig., 392-8. — Hoagland, H. On the mechanism of the Berger rhythm in normal man and in general paresis. *Am. J. Physiol.*, 1936, 116: 77. — Pacemakers of human brain waves in normals and in general paresis. *Ibid.*, 604-15. — Horn, L. Die Bewegungsstörungen bei der progressiven Paralyse. *Zschr. ges. Neur. Psychiat.*, 1926, 105: 120-39. — Iapontsev, P. I. [Formation of positive and inhibitory conditioned associations in general paralysis] *Ark. biol. nauk*, 1939, 53: No. 2-3, 9-22. — Janvrin, F., & Worster-Drought, C. The graphic method of speech analysis in early general paralysis. *Med. Press & Circ.*, Lond., 1930, 130: 85-7. — Jong, H. de [Intentional tremor in general paralysis] *Psychiat. neur. bl.*, Amst., 1932, 36: 494-9. — Kaczynski, M. [A literary work of an individual with general paralysis with aphasia] *Warsz. czas. lek.*, 1937, 14: 417-27. — Klimes, K. Ueber den Zusammenhang zwischen Dysgraphie und Dysarthrie bei progressiver Paralyse. *Psychiat. neur. Wschr.*, 1933, 35: 270-3. — Lucena, J., & Couceiro, A. Atrofias musculares localizadas aparecendo no decurso da parálisis geral. *Neurobiologia, Recife*, 1938, 1: 36-43. — Marchand, L. Épilepsie et paralysie générale. *Presse méd.*, 1923, 31: 121. — Hémiplegie suivie de contracture permanente au début de la paralysie générale. *Bull. Soc. clin. méd. ment.*, Par., 1926, 14: 37-9. — — & Houët, H. Épilepsie et paralysie générale. *Ann. méd. psychol.*, Par., 1908, 9. ser., 7: 72-80. — Margaria, G. Studio clinico-statistico sugli attacchi paralitici nella parálisis generale progressiva. *Ann. freniat.*, Tor., 1910, 20: 160-4. — Mazza, A. Ictus linguales nella parálisis progressiva. *Rev. sper. freniat.*, 1939, 63: 781-94. — Merritt, H. H. The epileptic convulsions of dementia paralytica; their relation to sclerosis of the cornu ammonis. *Arch. Neur. Psychiat.*, Chic., 1932, 27: 138-53. Also repr. — Morgenthaler. Einiges über Paralytikerzeichnungen. *Schweiz. Arch. Neur. Psychiat.*, 1922, 10: 321. — Nyssen, R., & Busschaert, R. Les troubles de la sensibilité à la douleur dans la paralysie générale. *Ann. méd. psychol.*, Par., 1938, 96: 289-97. — Olivier, M., & Boidard, M. Les états de mal dans la paralysie générale. *Rev. psychiat.*, Par., 1911, 15: 60-9. — Pönitz, K. Die paralytische Sprachstörung, ihre klinische Differenzierung und Beeinflussung durch Behandlung. *Mischr.*

Psychiat., 1931, 80: 1-14.—**Polstorff**. Apoplexia sanguinea bei progressiver Paralyse. Psychiat. neur. Wschr., 1936, 38: 602-4.—**Pyatnitski, N. N.** [Case of Korsakov's symptom complex in progressive paralysis] Psikhonevr. vest., Moskva, 1917, 1: 84-93.—**Rabinovich, P. H. de**. Reflejos condicionados de Pavlov en parálisis progresivos. Sem. méd., B. Air., 1932, 39: pt 2, 1712-28.—**Rossi, E.** Natura e localizzazione di un particolare disturbo motorio nella paralisi progressiva. Ann. neur., Nap., 1930, 44: 113-23.—**Serejski, M.** [Ability to coordinate in progressive paralysis] Gaz. lek., Warsz., 1914, 2, ser., 34: 190-206.—**Soutzo, fils, & Marbe, S.** Quelques images cliniques, insolites et transitoires remarquées au cours de la paralysie générale; apraxie, aphasie motrice transcorticale, asymbolie sensorielle, aphasie sensorielle transcorticale, persévération et écholalie. Encéphale, 1907, 2: 355-97.—**Thumm-Kintzel, M.** Merkwürdige Veränderungen in der Handschrift bei einem Fall von Syphilis und progressiver Paralyse. Mschr. Harnkr. sex. Hyg., 1907, 4: 290-301.—**Trénel & Leroy**. Le signe de la face (Marie et Foix) et le signe contralatéral de la face (Paulian) dans la paralysie générale hypertonique. Bull. Soc. clin. méd. ment., Par., 1927, 15: 75-82.—**Viana, U.** Paralysis geral dos alienados; irritação concomitante do feixe pyramidal. Brasil med., 1917, 31: 189.—**Vigouroux, A., & Delmas, A.** Fréquence et pathogénie des ictus terminaux dans la paralysie générale. Rev. psychiat., Par., 1907, 11: 265-74.—**Vizioli, F.** Contributo anatomico-clinico alla patogenesi degli attacchi epilettiformi della paralisi progressiva. Riv. neur., Nap., 1928, 1: 21-42.

— Manifestations, vegetative.

MAUMY, M. *Les troubles trophiques dans la paralysie générale. 71p. 8°. Toulouse, 1908.
Lemierre, A., & Boltanski, E. Syndrome douloureux et paralytique avec troubles trophiques (ébranlement des dents) anémie et manifestations viscérales. Bull. Soc. méd. hôp. Paris, 1929, 3, ser., 53: 722-8.—**Lépine, J.** Hypothermie dans la paralysie générale sans ictus ni agitation; survie. Ann. méd. psychol., Par., 1909, 9, ser., 10: 396-9.—**Pappenheim, M.** Ueber paroxysmale Fieberzustände bei progressiver Paralyse mit Vermehrung der polynukleären Leukozyten im Blute und in der Cerebrospinalflüssigkeit, nebst Bemerkungen über Blut und Liquor bei Exazerbationen des paralytischen Prozesses. Mschr. Psychiat., 1907, 21: 536-49.—**Roques de Fursac & Vallet**. Un cas d'hypothermie chez un paralytique général. Rev. psychiat., Par., 1910, 14: 189-201.—**Shirokov, A. A.** [Vegetative symptoms in general paralysis] Sov. psikhonevr., 1940, 16: No. 2, 77-83.

— Metabolism.

KAUFFMANN, M. *Beiträge zur Pathologie des Stoffwechsels bei der progressiven Paralyse [Habilitationsschrift; Halle a. S.] 188p. 8°. Jena, 1908.
KELLER, V. *Die Gewichtsverhältnisse bei progressiver Paralyse. 37p. 8°. Freib. i. B., 1904.
Birnbaum, L., & Wood, J. A. Hypoglycemia as a cause of seizures in general paralysis. Med. Bull. Veterans Admin., 1937-38, 14: 236-40.—**De Marco, A.** Ricerche sul metabolismo del ferro nel sangue nella paralisi progressiva. Osp. psychiat., Nap., 1936, 4: 626-35.—**Fraulini, M.** La colesterninuria nella paralisi progressiva. Gior. ital. derm. sf., 1928, 69: 1287-302.—**Hoverson, E. T.** The effect of cerebral lipoids on the basal metabolism in general paresis; oxidation-reduction in general paresis. Ann. J. Syph., 1934, 18: 373-82.—**Labbé, H., & Gallais, A.** Les échanges urinaires chez quelques paralytiques généraux. Presse méd., 1911, 22: 26-31.—**Leroy, Medakovich & Masquin.** Les variations de la courbe du poids dans la paralysie générale. Ann. méd. psychol., Par., 1931, 89: 358-74.—**Moffese, R., & De Alessi, D.** Equilibrio minerale del siero di sangue e del liquido cefalo-rachidiano nella paralisi progressiva. Riv. neur., Nap., 1934, 7: 607-41.—**Obregio, A., Parhon, C., & Urechia, C.** Contribution à l'étude de l'obésité des paralytiques généraux. Nouv. iconogr. Salpêtrière, 1912, 25: 463-72, 2 pl.—**Vergara, E.** La colesterninuria nei dementi paralitici. Riforma med., 1926, 42: 771-3.—**Yurman, N. A.** [Body weight in progressive paralysis] Russ. vrach, 1912, 11: 1097-104.

— Military aspect.

STOBBE, G. *Der Einfluss des Krieges auf Ausbruch und Verlauf der progressiven Paralyse bei 27 Fällen der Lazarettabteilung der psychiatrischen Klinik der Universität Jena. 31p. 8°. Jena, 1920.

Ahrens. Ueber Lähmungsirrese in der Kaiserlichen Marine während der Jahre 1901 bis 1911 unter Stellungnahme zur Dienstbeschädigungsfrage. Veröff. Marine Sanwes., 1913, H. 7, 1-79.—**Benon, R.** La paralysie générale et la guerre. Presse méd., 1921, 29: annexe, 101.—**Crinon, J.** Réforme No. 1 ou réforme No. 2 pour les militaires atteints de paralysie générale? Progr. méd., 1917, 3, ser., 32: 262.—**Delmas, A.** La paralysie générale et la guerre. Ann. méd. psychol., Par., 1918, 10, ser., 10: 90-102.—**Hauptmann.** Beeinflusst der Krieg den Ausbruch und Verlauf der Paralyse? Münch. med.

Wschr., 1917, 64: 1014.—**Herzig, E.** Paralyse und Krieg. Zschr. ges. Neur. Psychiat., 1920, 55: 148-53.—**Paris, A.** Paralysés généraux de la zone des armées du front, et paralysés généraux de l'arrière; encore un appoint étiologique à prendre en considération pour le choix de la réforme. Arch. méd. pharm. mil., 1918, 69: 434-7.—**Pilez, A.** Zur Aetiologie und Behandlung der progressiven Paralyse nebst einigen Kriegspsyhiatrischen Erfahrungen. Wien. klin. Wschr., 1915, 28: 603.—**Taylor, J. H.** An impression of G. P. I. J. R. Army M. Corps, 1935, 64: 268-70.—**Vallejo Nagera, A.** La aptitud para el servicio militar de los parálisis generales remitidos terapéuticamente. C. rend. Congr. internat. méd. pharm. mil., 1931, 6, Congr., pt 2, 144-8.—**Verger, H.** Sur un cas de paralysie générale méconnu aux armées. Ann. méd. lég., 1921, 1: 34-6.—**Victorio, A. F.** Demencia parafítico-progresiva. Rev. san. mil., Madr., 1909, 3: 148-53.—**Weiss, A.** [The war and paralysis] Gyógyászat, 1920, 60: 78-80.

— Mortality.

See also subheading Prognosis.

DREYFUS, V. *Contribution à l'étude de la mort subite au cours de la paralysie générale. 48p. 8°. Par., 1926.

WARSTAT, H. *Untersuchungen über die Todesursachen der trotz der Fieberbehandlung verstorbenen Paralytiker. 39p. 22½cm. Würzb., 1938.

Derby, I. M. Life expectancy in general paresis. Psychiat. Q., 1935, 9: 458-66.—**Heller, J.** Kann die geringe Paralysesterblichkeit der hervorragenden Bühnenkünstler Deutschlands auch konstitutionell bedingt sein? Deut. med. Wschr., 1928, 54: 1029-32.—**Woodman, R.** The normal course and expectation of life in general paralysis. State Hosp. Q., Alb., 1926, 11: 644-50.

— Nervous system.

See also subheadings Manifestations; Parasitology; Pathogenesis; Treatment; Effects.

ENTRES, J. L. *Ueber die Hirngewichtsverhältnisse bei der progressiven Paralyse. 22p. 8°. Würzb., 1907.

LATREILLE, G. J. *Contribution à l'étude des lésions du cervelet dans la paralysie générale (travail du Laboratoire du Docteur Anglade) 66p. 8°. Bord., 1907.

ROTH, J. [F. W.] *Die Plasmazellen in den Hirnhäuten und der Hirnrinde bei progressiver Paralyse [Leipzig] 36p. 8°. Jena, 1915.

SCHOLLE, G. [A. M. J. J.] *Ueber die Eisenreaktion im Gehirn der Paralytiker. 23p. 21cm. Rost., 1936.

WEISS, S. *Ueber die Infiltration der Hirngefäße bei der progressiven Paralyse [Freiburg i. B.] 23p. 8°. Berl., 1908.

Achúcarro, N. Darstellung von neugebildeten Fasern des Gefäßbindegewebes in der Hirnrinde eines Falles von progressiver Paralyse, durch eine neue Tannin-Silbermethode. Zschr. ges. Neur. Psychiat., 1911, 7: Orig., 375-83.—**Altshul, R.** Gefäßveränderungen im Gebiete einer Pachymeningitis haemorrhagica interna bei progressiver Paralyse. Arch. Psychiat., Berl., 1927, 80: 633-42.—**Anglade & Latreille.** La méningo-cérébellite interstitielle dans la paralysie générale. C. rend. Congr. alién. neur. France (1907) 1908, 17, Congr., 228-32.—**Ansalone, G.** Lesioni neurofibrillari nella paralisi progressiva. Riv. sper. freniat., 1913, 39: 137-41.—**Barsotti, U.** I plessi coroidi nella paralisi generale. Rass. stud. psychiat., 1935, 24: 32-67.—**Belloni, G. B.** La rete (non nervosa) diffusa pericellulare nell'uomo e il suo comportamento nella demenza paralitica. Boll. Soc. ital. biol. sper., 1931, 6: 46-9.—**Bolsi, D.** Alterazioni della microdia e della nevrogia nei centri extraorticali dei paralitici progressivi. Riv. pat. nerv., 1928, 33: 627-42.—**Borreguero, A. D.** Un caso atípico de parálisis general con gomas miliares. Arch. neurob., Madr., 1933, 13: 709-21. Also Zschr. ges. Neur. Psychiat., 1933, 147: 184-94.—**Canziani, G.** Studi sulla nevrogia patologica nell'uomo; paralisi progressiva. Riv. pat. nerv., 1933, 41: 637; 1934, 42: 354.—**Cia, F. M.** Biopsias cerebrales en la parálisis general progresiva. Sem. méd., B. Air., 1932, 39: pt 2, 888.—**Claude.** Présentation de malades à la clinique des maladies mentales et de l'encéphale. Rev. gén. clin. théor., 1936, 50: 561-4.—**Cornil, L., & Robin, G.** Pachyméningite hémorragique bilatérale chez un paralytique général. Bull. Soc. anat. Paris, 1922, 92: 144-7.—**Cotton, H. A.** A case of isolated degeneration of the posterior root bundles of the cord, occurring in a case of general paralysis. J. Nerv. Ment. Dis., 1908, 35: 37.—**Dancz, M.** Ueber histopathologische Veränderungen des Rhombencephalon bei progressiver Paralyse. Zschr. ges. Neur. Psychiat., 1932, 142: 264-85.—**De Blasio, R.** Contributo allo studio delle alterazioni istologiche del corpo striato nella paralisi progressiva. Diagnosi, 1932, 12: 171-6.—

- Divry, P.** Vaste hémato-me sous-dural chez un paralytique général; plaques séniles disséminées dans le cortex. J. belge neur. psychiat., 1937, 37: 566-74.—**Ebaugh, F. G., Dixon, H. H.** [et al.] Encephalographic studies in general paresis. Am. J. Psychiat., 1930-31, 10: 737-60, 10 pl.—**Fischer, O.** Ueber den fleckweisen Markfaser-schwund in der Hirnrinde bei progressiver Paralyse. Verh. Ges. deut. Naturforsch. (1907) 1908, 2. Teil, 2. pt, 241.—**Giljarowsky, W.** Ein anatomischer Beitrag zur Frage über die Beziehungen der progressiven Paralyse zu der Gehirnsyphilis. Zschr. ges. Neur. Psychiat., 1911, 6: Orig., 21-37.—**Ginzberg, R.** Betrachtungen über das Encephalogramm bei progressiver Paralyse und paralyseverdächtigen syphilitischen Hirnerkrankungen. Arch. Psychiat., Berl., 1929-30, 89: 711-72.—**Grøndahl, N. B.** Histopathologische undersøkelser over paralyse generalis, andre psykoser og organiske lidelser i centralnervesystemet. Norsk. mag. lægevid., 1911, 5. R., 9: 225-84, pl.—**Guttmann, L., & Kirschbaum.** Das encephalographische Bild der progressiven Paralyse und seine klinische Bedeutung. Zschr. ges. Neur. Psychiat., 1929, 121: 590-620.—**Hechst, B.** Ueber das Verhalten der hypothalamischen vegetativen Zentren bei der progressiven Paralyse. Arch. Psychiat., Berl., 1930, 91: 319-72.—**Horányi-Hechst, B.** [Importance of pathological anatomy in psychiatry as shown by a case of general paralysis] Orvosképzés, 1935, 25: 227-32.—**Houlton, T. L.** General paralysis; the histopathology of the basal ganglia, corpus callosum and dentate nucleus in 4 cases. Arch. Neur. Psychiat., Chic., 1927, 17: 214-30.—**Houston Merritt, H.** Ueber Ammonshornsklerose bei der progressiven Paralyse und ihren Zusammenhang mit den sogenannten paralytischen Anfällen. Zschr. ges. Neur. Psychiat., 1931, 136: 436-42.—**Jakob, A.** Ueber den Befund von miliaren Gummien bei der Paralyse. Ibid., 1926, 102: 313-9.—**Koch, M. L.** Chemical investigations of the central nervous system under normal and pathologic conditions; chemical examination of the central nervous system in 2 cases of general paralysis. Arch. Neur. Psychiat., Chic., 1922, 7: 488-512.—**Ladame.** Paralyse générale, syphilis cérébrale diffuse ou psychose artériosclérotique. Rev. méd. Suisse rom., 1911, 31: 265-70.—**Laignel-Lavastine & Pitulescu, P.** Lésions neurofibrillaires des cellules nerveuses corticales des paralytiques généraux. Encéphale, 1910, 2: 417-22, 3 pl.—**Lasarev, V.** [Iron in the brain in progressive paralysis] Ukrain. med. arkh., 1927, 1: 205-17.—**Lasarev, W. G.** Ueber Eisen im Gehirn bei progressiver Paralyse. Zschr. ges. Neur. Psychiat., 1928, 112: 60; 1928-29, 118: 435.—**Lawrence, G. A.** Studies upon the cerebral cortex in the normal human brain and in dementia paralytica. J. Nerv. Ment. Dis., 1903, 30: 716; 754. Also repr.—**Lehoczky, T.** Zur Frage der Eisenreaktion im Gehirn; Untersuchungen an paralytischen Gehirnen. Arch. Psychiat., Berl., 1928, 85: 229-47.—**Marchand, L.** Paralyse générale et ramollissements multiples du cerveau par endartérite spécifique. Bull. Soc. clin. méd. ment., Par., 1927, 15: 135-7. — De l'atrophie cérébrale dans la paralyse générale. C. rend. Congr. alién. neur. France, 1927, 31. Congr., 403-6.—**Merritt, H. H., Moore, M., & Solomon, H. C.** The iron reaction in parietal neurosyphilis. Am. J. Syph., 1933, 17: 387-91, 3 pl.—**Merritt, H. H., Putnam, T. J., & Campbell, A. C. P.** Pathogenesis of the cortical atrophy observed in dementia paralytica. Arch. Neur. Psychiat., Chic., 1937, 37: 75-90.—**Moriyasu, R.** Das Verhalten der Fibrillen bei progressiver Paralyse. Arch. Psychiat., Berl., 1907, 43: 344-87. Also Iji shinbun, 1907, 1299; 1385; 1475; 1533; 1729.—**Müller, G.** Beiträge zur Frage nach den Beziehungen zwischen klinischem Verlauf und anatomischem Befund bei Nerven- und Geisteskrankheiten; progressive Paralyse mit starker Marksklerose. Zschr. ges. Neur. Psychiat., 1931, 133: 620-30.—**Orlando, R.** La paquimeningitis hemorágica en la parálisis general. Sem. méd., B. Air., 1935, 42: 131-40.—**Panara, C.** Circa la distribuzione dei pigmenti emoderinici nell'encefalo dei dementi paralitici. Riv. neur., Nap., 1935, 8: 439-55.—**Peter, C.** Ueber die Eisenreaktion bei Paralytikern, angestellt an Hirnpunktionmaterial. Münch. med. Wschr., 1924, 71: 12.—**Prince, A.** Présentation d'un nouveau de P. G. traité par la malaria et le stovarsol. Strasbourg méd., 1934, 94: 406.—**Putnam, T. J., Merritt, H. H., & Campbell, C.** The pathogenesis of the cortical lesions in dementia paralytica. Tr. Am. Neur. Ass., 1936, 62: 101-6.—**Ramón y Cajal, S.** Beitrag zur Kenntnis der Neuroglia des Gross- und Kleinhirns bei der progressiven Paralyse mit einigen technischen Bemerkungen zur Silberimprägnation des pathologischen Nervengewebes. Zschr. ges. Neur. Psychiat., 1925-26, 100: 738-93.—**Revello, M.** Contributo allo studio clinico ed anatomico-patologico della paralisi generale progressiva con speciale riguardo alle lesioni extra-corticali. Arch. biol., Genova, 1928, 5: No. 4, 29-45.—**Rossi, E.** Nota di anatomia patologica del sistema nervoso centrale in un caso di demenza paralytica. Ann. nev., Nap., 1906, 24: 171-80, pl. Ricerche citopatologiche dei gangli rachidei nei dementi paralitici. Névtrax, Louvain, 1913, 14: 15; 83-102, pl.—**La neuroglia nella corteccia cerebrale dei dementi paralitici; studio critico ed osservazioni microscopiche fatte col metodo di Cajal.** Ann. nev., Nap., 1918, 30: 177-200, pl.—**Scheer, W. M. van den.** Een geval van hydrocephalus internus bij een lijder aan dementia paralytica, waar vele der symptomen deden denken aan het bestaan van een hémato-ma subdural. Psychiat. neur. bl., Amst., 1911, 15: 404-7.—**Schrader, G.** Experimentelle Untersuchungen zum Paralyse-nachweis an faulenden Gehirnen. Deut. Zschr. gericht. Med., 1929, 14: 401-10.—**Sciuti, M.** Le fine alterazioni degli elementi nervosi nella paralisi progressiva. Ann. nev., Nap., 1907, 25: 225, 5 pl.; 296, pl., 393.—**Sekine, S.** Eigenartige senile Veränderungen bei einem Paralytiker-gehirne. Psychiat. neur. jap., 1938, 42: 18.—**Serejski, M., & Topstein, R.** Pathologie des Gehirns; progressive Paralyse. Zschr. ges. Neur. Psychiat., 1932, 141: 57.—**Sierra, A. M.** Aleance y límites de la reacción férrea de Hugo Spatz en histopatología. Rev. argent. neur., 1927, 1: 166-84.—**Spilmeyer, W.** Zur Frage der Häufigkeit und Bedeutung miliärer Gummien bei Paralyse (Entgegnung auf den vorstehenden Aufsatz A. Jakobs) Zschr. ges. Neur. Psychiat., 1926, 102: 320. — Das Interesse am Studium der Kreislaufstörungen im Gehirn und die Paralyse-Anatomie. Wien. klin. Wschr., 1928, 41: 1011-3.—**Steiner, G.** Krankheitserreger und Gewebefund bei progressiver Paralyse (Pathogenese des herdförmigen Mark-scheidenzerfalls) Zschr. ges. Neur. Psychiat., 1930-31, 131: 632-73.—**Strässler, E.** Spezifische Lues und progressive Paralyse. Mschr. Psychiat., 1927, 66: 117-25.—**Stransky, E.** Beiträge zur Kenntnis des Vorkommens von Veränderungen in den peripheren Nerven bei der progressiven Paralyse und einzelnen anderen Psychosen. Arb. Neur. Inst. Wien, 1927, 15: 425-54.—**Tissot, F.** Le syndrome de paralyse générale dans la pachyméningite cérébrale. Progr. méd., Par., 1910, 3. ser., 26: 383.—**Tomescio, P., & Constantinesco, S.** Recherches sur le rôle des chromatophores méningés dans la paralyse générale. C. rend. Soc. biol., 1936, 121: 1649-51.—**Truelle.** Paralyse générale tardive ou démence organique par lésions multiples; lymphocytose positive. Rev. psychiat., Par., 1909, 13: 408-13.—**Urechia, C. J.** Note sur l'état des ganglions de Gasser chez 2 paralytiques avec chute et préoccupation dentaire. Arch. internat. neur., Par., 1922, 15. ser., 1: 1.—**Volland, W.** Die kolloide Degeneration des Gehirns bei progressiver Paralyse in ihrer Beziehung zur lokalen Amyloidose. Verh. Deut. path. Ges. (1938) 1939, 31: 515-20. — Beitrag zur Frage der Herkunft des Paralyseisens. Virchows Arch., 1938-39, 303: 611-22.—**Wertham, F.** Zur Frage des Eisenbefundes bei der Dementia paralytica auf Grund vergleichend-histopathologischer Untersuchungen. Zschr. ges. Neur. Psychiat., 1931, 136: 62-75.—**Yamamoto, S.** Ueber das Encephalogramm der progressiven Paralyse. Hukuoka acta med., 1940, 33: 27.

Parasitology.

See also subheading Etiology: Syphilis.

BRIZARD, A. M. *Contribution à l'étude du spirochète de la paralyse générale [Paris] 178p. 8° Blois, 1936.

KANNER, W. F. *La virulence du tréponème de la paralyse générale. 63p. 8° Par., 1931.

PAPASTRATIGAKIS, C. *Travail du laboratoire et de la clinique des maladies mentales; spirochète pâle et paralyse générale. 88p. 8° Lyon, 1916.

AARS, C. G. [Treponema pallidum in brain in dementia paralytica] Ned. mschr. geneesk., 1928, 15: 129-207, 2 pl.

— Paralytic dementia; the localization of Spirocheta pallida in the brain. Arch. Neur. Psychiat., Chic., 1930, 23: 512-20.—**Beńkowski, J.** [Presence of Spirocheta pallida in the brain in progressive paralysis in connection with the etiology and treatment of the disease] Przegl. lek., 1913, 52: 549; 567.—**Beletsky, V. K.** [Spirocheta pallida in progressive paralysis] J. nevropat. psikiat., Moskva, 1929, 22: 633-55.

— [General paralysis as spirochetosis] Ibid., 1931, 24: 25-35.

— Progressive Paralyse als Spirochätose (Spirochätenbefunde und morphologische Untersuchung über die Rolle der Mesozelia bei progressiver Paralyse) Virchows Arch., 1933, 288: 346-69.—**Benario.** Demonstration von Spirochäten bei Paralyse. Verh. Deut. Kongr. inn. Med., 1913, 30. Kongr., 543-5.—**Benvenuti, M.** Sulla presenza della Spirocheta pallida nel sistema nervoso vegetativo; seminazione spirochetica e polimorfismo clinico della paralisi progressiva. Neopsichiatria, Pisa, 1936, 2: 165-86.—**Berger.** Ueber den Nachweis der Spirochäten des Paralytiker-gehirns im Tierexperiment. Münch. med. Wschr., 1913, 60: 2085.—**Bessemans, A., & Thiry, U.** Vitalité du tréponème pâle et du

céphalorachidien des paralytiques généraux. C. rend. Soc. biol., 1933, 112: 1252-4.—**Bessemans, A., & De Wilde, H.** Réflexions sur une méthode pour l'évaluation quantitative des inoculats dans la syphilis expérimentale et sur le changement de virulence du tréponème de la paralyse générale. Rev. belge se. méd., 1938, 10: 447-53. Also Brit. J. Vener. Dis., 1939, 15: 222-7.—**Bravetta, E.** Sulla presenza di spirochete nell'encefalo dei paralitici, con presentazione di preparati e di diapositive. Boll. Soc. med. chir., Pavia, 1921, 34: 89-100.—**Candler, J. P.** A bacteriological investigation of general paralysis. Arch. Neur. Psychiat. Path. Lab. Co. Asyl. Claybury, Lond., 1909, 4: 136-54, 4 pl.—**Carp, E. A. D. E.** [Localization of Spirocheta pallida in brain] Ned. tschr. geneesk., 1927, 71: pt 2, 386-93, pl.—**Covisa, J. S., & Navarro Martín, A.** Un caso de parálisis general seguido de muerte; necropsia y hallazgo del Treponema pallidum en el cerebro y cerebelo. Progr. clin., Madr., 1926, 34: 160-5, pl.—**Dieterle, R. R.** Spirochetosis of the central nervous system in general paralysis. Am. J. Psychiat., 1927-28, 7: 547-60, 8 pl.—**Fischer, H. von.** Versuche zum Nachweis der Spirocheta pallida in den Lymphdrüsen von Paralytikern. Zbl. Bakt., 1. Abt., 1928, 108: 247-54.—**Forster, E.** Weitere Untersuchungen über die Virulenz der Paralyse-spirochäten. Zschr. ges. Neur. Psychiat.,

- 1931, 133: 322-4. — & **Tomaszewski, E.** Nachweis von lebenden Spirochäten im Gehirn von Paralytikern. Deut. med. Wschr., 1913, 39: 1237. — Ueber Spirochätenbefunde bei Paralyse. Berl. klin. Wschr., 1914, 51: 227. — **Ganfini, G.** Spirochaeta pallida nei gangli inguinali di paralitici progressivi. Riv. sper. freniat., 1933-34, 57: 104-12. — **Géber, J., & Benedek, L.** [Presence of living spirochetes in progressive paralysis] Budapesti orv. ujs., 1913, 11: 478. Also Wien. klin. Wschr., 1913, 26: 1624. — & **Tatár, K.** [Presence of spirochetes in progressive paralytic dementia] Gyógyászat, 1913, 53: 624. Also Wien. klin. Wschr., 1913, 26: 1491. — **Grant, A. R., & Kirkland, H. T.** Spirochaetes in the brain in general paralysis. J. Ment. Sc., Lond., 1927, 73: 595-601, 2 pl. — **Hall, H. C.** [Demonstration of the spirochete in dementia paralytica] Hospitalstidende, 1919, 62: 729-44. — **Hattori, R.** Der Spirochaetenbefund bei progressiven Paralyse. Fukuoka acta med., 1928, 21: 8. — **Hoffmann, E.** Ueber den Nachweis von Syphilisspirochäten in der Hirnrinde bei Dementia paralytica durch H. Noguchi. Deut. med. Wschr., 1913, 39: 532. — **Jahne.** Paralytikerorganismus und Spirochäten. Allg. Zschr. Psychiat., 1926, 85: 88-90. — **Kiewe, P.** Spirochäten und Silberzellen bei progressiver Paralyse. Zschr. ges. Neur. Psychiat., 1931, 134: 596-604. — **Kopeloff, N., & Blackman, N.** Spirochaetal findings in the brains of paretics treated with malaria. Am. J. Psychiat., 1933, 13: 21-31. pl. — **Langdon, F. W.** Paresis: a research contribution to its bacteriology. Am. J. Insan., 1906, 63: 167-75, pl. Also repr. — **Lind, H.** A bacteriological investigation into general paralysis of the insane. J. Ment. Sc., Lond., 1910, 56: 647-53. — **Maldonado, M. A.** Investigación de la espiroqueta pallida en la corteza cerebral de los paralíticos generales. Rev. psiquiat. crim., B. Air., 1939, 4: 745-62. — **Marburg.** Anwesenheit der Spirochaeta pallida in einem Falle von progressiver Paralyse mit syphilitischer Meningitis und bei der Paralyse. Mitt. Ges. inn. Med. Wien, 1913, 12: 87. — **Marie, A., & Stroesco, G.** Etude comparative de la présence du Treponema pallidum dans le cerveau des paralytiques généraux et des souris syphilitiques expérimentales. C. rend. Soc. biol., 1936, 121: 612. — **Marinesco, G.** Die Beziehungen zwischen der Spirochaeta pallida und der Hirnläsion bei der progressiven Paralyse. Arch. Derm. Syph., Wien, 1914, 119: 282-4. — & **Minea, J.** Présence du Treponema pallidum dans un cas de méningite syphilitique associée à la paralysie générale et dans la paralysie générale. Bull. Acad. méd., Par., 1913, 3, ser., 69: 235-9. — Relation entre les Treponema pallida et les lésions de la paralysie générale. C. rend. Soc. biol., 1913, 75: 231-3. — A propos de la présence du Treponema pallidum dans le cerveau des paralytiques généraux (note complémentaire). Rev. neur., Par., 1913, 21: 661. — **Noguchi, H.** Paralyse générale et syphilis. Presse méd., 1913, 21: 805-7. — **Nonne.** Noguchipräparate eines Paralytikergehirns. Münch. med. Wschr., 1913, 60: 1406. — **Pacheco e Silva, A. C.** Localisation du Treponema pallidum dans le cerveau des paralytiques généraux; considérations thérapeutiques. Rev. neur., Par., 1926, 33: pt 2, 558-65. Also Brasil med., 1927, 41: 227-30. — **Plaut, F.** Weitere Untersuchungen über die mangelnde Pathogenität der Syphilisspirochäten des Paralysegehirns (Versuche an Mäusen und Kaninchen). Zschr. ges. Neur. Psychiat., 1930, 127: 709-24. — **Rizzo, C.** Ricerche sulle spirochete nel cervello dei paralitici. Riv. pat. nerv., 1931, 37: 797-814, 7 pl. — **Rosenberger, R. C.** Bacteriologic studies in cases of general paresis. Rep. Philadelphia Gen. Hosp. (1910) 1911, 8: 173-6. — & **Stern, S.** Bacteriological studies in cases of general paresis (preliminary report). Proc. Path. Soc. Philadelphia, 1910, n. ser., 13: 264-6. Also N. York M. J., 1910, 92: 806. — **Rovasio, A.** Sulla presenza del treponema nel liquido cefalorachidiano dei paralitici generali. Rev. sud amer. endocr., B. Air., 1927, 10: 716-23. — **Saunders, G. M.** Spirochetes in the brain in general paresis in Jamaica. Am. J. Syph., 1938, 22: 503-12. — **Schultze.** Demonstration eines Präparates Noguchis von Spirochaeta pallida im Gehirn eines Paralytikers. Münch. med. Wschr., 1913, 60: 1467. — **Sioli, F.** Ueber die Spirochaete pallida bei Paralyse (vorläufige Mitteilung). Arch. Psychiat., Berl., 1918, 59: 6-9, 2 pl. — Die pathologische Histologie der Paralyse und die Spirochätenbefunde. Deut. med. Wschr., 1918, 44: 185. — **Skobsky, I. L.** [Presence of spirochaeta in the lymphatic system in paralytic] Sovet. psikhonevr., 1931, 7: 101. Also Mschr. Psychiat., 1934, 89: 365-8. — **Smyth, J. F.** The relation of the Spirochaeta pallida to the pathological changes of dementia paralytica. J. Ment. Sc., Lond., 1928, 74: 687-708. — **Sokalski, N. A.** [The micrococcus isolated from the blood and the cerebrospinal fluid, and the parasite of the organism in progressive paralysis] J. neuropat. psikhiat. Korsakova, Moskva, 1910, 10: 373-406. Also Russ. vrach, 1910, 9: 840. — **Spirochêtes et paralysie générale.** Rev. crit. path., Par., 1935-36, 5: 315-21. — **Stanziale.** La ricerca del Treponema pallidum nella paralisi progressiva. Gior. ital. mal. vener., 1909, 44: 181. — **Steiner, G.** Ueber Wanderung und Untergang der Spirochaeta pallida im Zentralnervensystem bei progressiver Paralyse. Zschr. ges. Neur. Psychiat., 1931, 134: 556-95. — **Syring, P.** Zum Vorkommen der Spirochaeta pallida in den Leistenröhren von Paralytikern. Deut. med. Wschr., 1931, 57: 2155. — **Thomson, D. A.** Bacteriological investigation into general paralysis of the insane, and a table of blood-cults. J. Ment. Sc., Lond., 1909, 55: 447-52. — **Vizioli, F.** Le spirochete nel liquor dei paralitici progressivi in seguito a reazioni meningee acute artificialmente provocate. Riv. neur., Nap., 1934, 7: 65-101. — Ricerca della Spirochaeta pallida nel liquido cefalo-
- rachidiano dei paralitici progressivi. Riv. sper. freniat., 1934, 58: 1527-31. — **Wassermann, von.** Spirochäten im Gehirn bei Paralyse. Deut. med. Wschr., 1913, 39: 1281.

Pathogenesis.

See also subheading Etiology.

JAHNEL, F. Die progressive Paralyse; ihre Pathogenese, ihre Diagnose und Therapie. 32p. 8°. Lpz., 1930.

RIZK, A. *Contribution à l'étude de la pathogénie de la paralysie générale. 20p. 8°. Genève, 1926.

Albrecht, P. Paralysefragen. Allg. Zschr. Psychiat., 1923-26, 83: 141-55. — **Andrejev, A. L.** [Darkshevich's theory of progressive paralysis] Sovet. neuropat., 1932, 1: 409-11. — **Brandt, R.** Entsteht die progressive Paralyse durch Antikörper gegen Hirnschmerz? gegenwärtiger Stand der Frage. Wien. klin. Wschr., 1935, 48: 708-11. — **Casillo, N.** Patogenesi della paralisi progressiva. Incurabili, Nap., 1908, 23: 203-11. — **Cerletti, U.** Replica al precedente articolo [by G. Catòla] Riv. ital. neuropat., 1910-11, 3: 219-23. — **Clerici, A.** La patogenesi della demenza paralitica. Gazz. osp., 1928, 49: 785-7. — **Faktorovich, A. M.** [Problem of psychogenic paralysis] Klin. J. Saratov., 1928, 6: 127-33. — **Jahnel.** Newer views of the pathogenesis of progressive paralysis. Urol. Cut. Rev., 1928, 32: 735-9. — **Joo, J.** [Psychogenesis of progressive paralysis] Gyógyászat, 1930, 69: 130-3. — **Kinn, B.** Einige Bemerkungen zum Paralyseproblem. Allg. Zschr. Psychiat., 1931, 94: 79-129. — **Korneev, V. V.** [Pathogenesis of general paralysis] J. neuropat. psikhiat., Moskva, 1931, 24: 73-8. — **La Pagna, E.** Contributo allo studio della patogenesi delle paralisi progressive. Gazz. internaz. med., 1908, 11: 211-3. — **Malamud, W., & Lowenberg, K.** The role played by the cerebral capillaries in the pathogenesis of general paralysis. J. Nerv. Ment. Dis., 1929, 69: 121-39. — **Neve, G.** [The significance of endogenous features in the clinical picture of general paralysis] Hospitalstidende, 1914, 5, R., 7: 161-72. — **O'Brien, J. D.** Experimental observations into the etiology and treatment of paresis. Proc. Am. Med. Psychol. Ass., 1908, 15: 145-55. — **Postle, B.** Pattern features and constitutional susceptibility as related to organic brain disease, with special reference to general paralysis. J. Nerv. Ment. Dis., 1939, 89: 26-36. — **Pulido Valente, F.** Sur l'étiologie et la pathogénie de la paralysie générale. Arq. Inst. bact. Camara Pestana, 1918, 5: 29-88, 2 pl. — **Rivela Greco, A.** Sulla cosiddetta paralisi progressiva sperimentale. Q. psichiat., Genova, 1929, 16: 124-37. — **Schroeder, E.** Zur Endogenese in der Ätiologie der progressiven Paralyse. Neur. Zbl., 1910, 29: 362-70. — **Sierra, A. M.** Crítica objetiva a la escuela de Klippel sobre la parálisis general progresiva. Rev. As. méd. argent., 1924, 27: Soc. neur. psiq., 100-16. — **Skalweit, W.** Zur Pathogenese der Paralyse. Zschr. ges. Neur. Psychiat., 1926, 104: 715-36. — **Steiner, G.** Zur Pathogenese der progressiven Paralyse. Jahrbuch. ärztl. Fortbild., 1928, 19: H. 5, 17-28.

Pathology.

See also subheading Cardiovascular system; Nervous system, &c.

DUPRÉ, M. *Stäbchenzellen bei progressiver Paralyse [Freiburg i. B.] 31p. 8°. Rost., 1908.

SCHÖN, E. *Klinisch-anatomische Beiträge zur Kenntnis der progressiven Paralyse. 33p. 8°. Jena, 1909.

SCHUMACHER, M. *Makroskopische Sektionsbefunde bei progressiver Paralyse. 41p. 8°. Bonn, 1903.

Bassi, M., & Zanetti, G. Ricerche grafiche sulla motilità gastrica nella paralisi progressiva. Neopsichiatria, Pisa, 1939, 5: 123-55. — **Behr, H.** Ueber die Bedeutung der Plasmazellen für die Histopathologie der progressiven Paralyse. Allg. Zschr. Psychiat., 1909, 66: 496-513. — **Beletsky, V. K.** [Pathogenesis of miliary necroses and miliary granulomas in general paralysis] J. neuropat. psikhiat., Moskva, 1931, 24: 68-73, 8 pl. Also Zschr. ges. Neur. Psychiat., 1931, 137: 233-43. — [Morphological analysis of the functions of the cells of the reticulo-endothelial system in general paralysis] Sovet. psikhonevr., 1933, 9: 47-52. — **Benon, R.** L'alcoolisme cérébral augmente, la paralysie générale diminue. Clinique, Par., 1925, 20: 69. — **Bouman, L.** Beitrag zur Histopathologie der Dementia paralytica. Zschr. ges. Neur. Psychiat., 1926, 101: 68-76. — **Bucic, M.** [Diagnosis of progressive paralysis at autopsy] Voi. san. glasnik, 1937, 8: 613-8. — **Cardona, F.** E variato il quadro istopatologico della paralisi progressiva? Riv. pat. nerv., 1938, 51: 467-75. — **Catòla, G.** Contributo allo studio dell'anatomia patologica della paralisi progressiva; qualche considerazione sulle alterazioni viscerali. Ibid., 1910, 15: 1-30, pl. — **Cerletti, U.** Le recenti ricerche sull'anatomia patologica della paralisi progressiva. Riv. sper. freniat., 1906, 32: 410-23; 931; 1907, 33: 298. — **Da Fano, C.** Anatomia patologica della paralisi progressiva (rivista critica) Osp. maggiore Milano, 1910, 5: 50; 82. — **Dunlap, C. B.** The pathology of

general paralysis. Proc. Am. Med. Psychol. Ass., 1914, 21: 185-92. [Discussion] 213-5.—**Flashman, J. F.** The pathology of general paralysis of the insane, with special reference to the action of diphtheroid organisms. Tr. Australas. M. Congr. (1908) 1909, 3: 291-305.—**Fraulini, M.** The coexistence of cutaneous, osseous and vascular lesions in progressive paralysis. Urol. Cut. Rev., 1932, 36: 262-9.—**Galbraith, A. J.** Some problems in the histopathology of general paralysis of the insane. Brit. J. Vener. Dis., 1938, 14: 197-220.—**Gayet & Cannac.** Anatomie pathologique macroscopique de la paralysie générale. Bull. Soc. méd. nord (1908) 1909, 89.—**Goria, C.** Sull'anatomia patologica della paralisi progressiva. Q. psichiat. Genova, 1926, 13: 197-9.—**Halpern, L.** Beitrag zur Nosobiologie der progressiven Paralyse. Arch. Psychiat., Berl., 1931, 94: 71-81.—**Joffroy, A., & Léri, A.** Résumé des données actuelles sur l'histologie de la paralysie générale. Encéphale, 1907, 2: 107; 608; 632: 1908, 3: 322.—**Jones, E.** The pathology of general paralysis. Alienist & Neur., 1909, 30: 577-88. Also Dominion M. Month., Toronto, 1909, 33: 127-36.—**Khominsky, B. S.** [On the symmetry of morphological changes in general paralysis] Sovet. psikhonevr., 1940, 16: No. 2, 84-90.—**Lalanne, G.** Sur un cas de rigidité cadavérique précoce chez un paralytique général. Gaz. sc. méd. Bordeaux, 1909, 30: 93.—**Lehoczyk, T.** Beiträge zu einigen anatomischen Problemen der progressiven Paralyse. Arch. Psychiat., Berl., 1927, 80: 435-79.—**Lemchen, B.** Picric acid and benzidin stain; a transitional cell in general paralysis. Med. Rec., N. Y., 1915, 88: 787. Also repr.—**Makarov, V. E.** [General paralysis as a disease of syphilitic origin with cerebro-neuro-visceral localization in most cases] Sovet. psikhonevr., 1933, 9: 12-27. Also Mschr. Psychiat., 1934-35, 90: 75-93.—**Robertson, A. W. F.** Die Pathologie der allgemeinen Paralyse der Irren. Psychiat. neur. Wschr., 1907-8, 9: 45-8.—**Sato, K.** Ein Beitrag zur pathologischen Anatomie der sogenannten galoppierenden Paralyse. Fukuoka acta med., 1930, 23: 76-8.—**Tomescu, P., & Constantinescu, S.** [Anatomical-clinical data on factors in general paralysis] România med., 1935, 13: 228; 237.—**Valkenburg, C. T. van.** Over de pathologische anatomie van het verschijnsel van Westphal bij progressieve paralyse. Ned. tschr. geneesk., 1907, 42: 276; 864.—**Vallon, A., & Laignel-Lavastine.** Autopsie d'un cas de paralysie générale extrêmement prolongée. Encéphale, 1931, 2: 55-61.—**Vedrani, A.** Recenti studi su la reazione del sistema nervoso centrale al trauma e su l'istologia patologica della paralisi progressiva. Q. psichiat., Genova, 1912, 2: 391-407.—**Vigouroux, A., & Naudascher.** Trois cas de lésions circonscrites chez des paralytiques généraux. Bull. Soc. anat. Paris, 1908, 83: 90-7. Also Rev. psychiat., Par., 1909, 13: 241-51.—**Waller, H., & Brandt, A.** Salmiakacidose und progressive Paralyse. Arch. Psychiat., Berl., 1928, 83: 491-500.—**Wertham, F.** Are the histological lesions of dementia paralytica specific? Am. J. Psychiat., 1932, 12: 811-21. —The nonspecificity of the histologic lesions of dementia paralytica. Arch. Neur. Psychiat., Chic., 1932, 28: 1117-38.—**Wolf, A.** Hyaline degeneration in dementia paralytica. Ibid., 1930, 24: 71-84, 2 pl.

Pathology, humoral.

See also subheadings Blood; Cerebrospinal fluid; Serology, &c.

BONNET, R. F. *Contribution à l'étude des variations du syndrome humoral au cours de la paralysie générale. 64p. 8° Par., 1932.

GRENET, J. *Contribution à l'étude des paralysies générales sans syndrome humoral. 50p. 8° Par., 1930.

Bonfiglio, F. Circa l'importanza diagnostica del quadro umorale della paralisi progressiva. Note psichiat., Pesaro, 1929, 3. ser., 17: 259-98.—**Claude, H.** [General paralysis without humoral syndrome] Rev. neur. psychiat., Praha, 1931, 28: 136-40.—**Dujardin & Vermeylen, G.** Cas de paralytiques généraux à sérologie normale. Ann. méd. psychol., Par., 1937, 95: 253-60.—**Marchand, L., Micoud, R., & Tusques, J.** Paralysie générale avec réactions humorales négatives. Ibid., 1934, 92: pt 2, 252-6.—**Mossa, G.** Un caso di paralisi generale progressiva con reperto umorale completamente negativo. Gior. Acad. med. Torino, 1934, 97: 113-7.—**Reynolds, P. G.** Anomalous serological findings in a case of dementia paralytica. Med. J. Australia, 1938, 1: 448.—**Robustov, G. V.** [Preparalytic humoral syndrome] Vest. vener., 1937, No. 8, 821-30.—**Schultz, J. H.** Zur Statistik der somatischen, besonders serologischen Symptome der progressiven Paralyse. Neur. Zbl., 1913, 32: 1010-25.—**Sézary, A., & Barbé, A.** Evolution comparée des réactions humorales et des symptômes cliniques chez les paralytiques généraux. Paris méd., 1926, 61: 258-65. Also repr.—**Simon, T.** [Progressive general paralysis in spite of negative humoral tests] Orv. hetil., 1940, 84: 142.—**Smith, J. C.** Sigmareaktion und Wassermannreaktion im Blut und in der Spinalflüssigkeit bei Paralytikern. Deut. Zschr. Nerven., 1927, 97: 290-303.—**Targowia, R.** Sur le syndrome humoral de la paralysie générale. Ann. mal. vénér., 1932, 27: 175-83.—**Videla, C. A.** El síndrome humoral en la parálisis general progresiva. Dja méd., B. Air., 1928-29, 1: 53.—**Walther, F., & Abelin, S.** Ueber Blut- und Liquorbefunde bei unbehandeltem und behandeltem progressiver Paralyse und über Befunde bei grösseren Liquorentnahmen. Arch. Psychiat., Berl., 1926, 78: 281-364.—**Winnik, H.** Ueber den klinischen Verlauf humoral atypischer Paralyse. Ibid., 1930, 91: 75-83.

Prevention.

BEYRAND, A. *De la prophylaxie de la paralysie générale. 71p. 8° Par., 1933.

HERDES, W. [T.] *Ist die Nichtbehandlung der Lues von Einfluss auf den späteren Ausbruch der Paralyse? 31p. 8° Bonn, 1932.

Daspi, H. General paresis; a plea for more thorough prophylaxis. N. Orleans M. & S. J., 1912-13, 65: 799-802.—**Gougerot & Cartaud, A.** Rapport général sur l'enquête: prophylaxie de la paralysie générale. Ann. mal. vénér., 1938, 33: 345-75.—**Grewel, F.** [Ambulatory lumbar puncture in relation to the control and prevention of dementia paralytica] Ned. tschr. geneesk., 1936, 80: 3946-52.—**Leroy & Medakovich.** Insuffisance du traitement spécifique pour éviter l'évolution de la paralysie générale; importance de la malariathérapie comme moyen préventif; 16 observations. Discuss. Congr. dermat. syph. fr., 1929, 4. Congr., 209-21.—**Marie, A., & Chevallier, P.** Essai de traitement préventif de la paralysie générale par l'inoculation de paludisme; nécessité de la ponction lombaire précoce chez les syphilitiques. Arch. internat. neur., Par., 1926, 19. ser., 1: 14-9. Also Clinique, Par., 1926, 21: 87.—**Pakheiser, T.** Zur Lues-Paralysefrage. Münch. med. Wschr., 1927, 74: 406-9.—**Pilez, A.** Zur Entstehung und Prophylaxe der progressiven Paralyse. Mitt. Deut. Ges. Bekämpf. Geschlkr., 1913, 11: 89-95.—**Pires, W.** Prophylaxia da paralisia geral pela malarioterapia. Fol. med., Rio, 1933, 14: 220-2.—**Pravdin, N. A.** [Significance of specific therapy in syphilis in therapeutic prophylaxis of general paralysis] Nevropat. psikhiat., 1935, 4: Nos. 9-10, 201-10.—**Salmon, T. W.** General paralysis as a public health problem. Proc. Am. Med. Psychol. Ass., 1914, 21: 175-84. Also Am. J. Insan., 1914, 71: 41-50. Also Maryland M. J., 1914, 57: 274-81. Also N. Albany M. Herald, 1915, 35: 265-9.—**Selzer, H. M.** Conetti biologici nella profilassi della paralisi progressiva. Gaz. internaz. med. chir., 1937, 47: 421.—**Targowia, R.** La phase présymptomatique de la paralysie générale et le problème de la malariathérapie préventive. Prat. méd. fr., 1929, 10: 415-21.—**Wagner-Jauregg.** Verhütung und Behandlung der progressiven Paralyse. Ther. Gegenwart, 1932, 73: 1-5. Also Ann. mal. vénér., 1932, 27: 286-93.—**Zutt, J.** Aus welchen Gründen wird in vielen Fällen die zur Verhütung der progressiven Paralyse notwendige vorbeugende Behandlung der Lues verabsäumt? Off. Gesundheitsdienst, 1938-39, ser. A, 4: 672-6.

Prognosis.

See also subheading Curability.

COSTA PIMENTEL, E. DA. *Contribuição para o estudo de prognóstico da paralisia geral progressiva pela pneumoencefalografia. 82p. 8° S. Paulo, 1933.

Cossa, P. Le devenir social des paralytiques généraux correctement traités. Marseille méd., 1939, 76: 749-52.—**Greenhill, M. H., & Yorshis, M.** Prognostic criteria in dementia paralytica. Am. J. Psychiat., 1940-41, 97: 167-88.—**Halban, H.** [Prognosis and treatment of progressive paralysis] Lwow. tygodn. lek., 1909, 4: 563; 575.—**Nadal.** Intoxication complexe; syndrome typique de paralysie générale évoluant vers la guérison. Encéphale, 1910, 1: 442-6.—**Pilez, A.** Zur Prognose und Therapie der Paralyse progressiva. Zschr. ges. Neur. Psychiat., 1910-11, 4: Orig., 457-81.—**Pönitz, K.** Die Encephalographie in ihrer Bedeutung für die Prognose des Paralyseverlaufes. Deut. Zschr. Nerven., 1931, 117: 119; 491-509.—**Pollock, H. M.** Trends in the outcome of general paresis. Psychiat. Q., 1935, 9: 194-211.—**Sicco, A.** La relación albúmino-citológica en el pronóstico de la parálisis general (del examen de 100 casos) Arch. urug. med., 1933, 3: 629-49. Also Rev. crim., B. Air., 1933, 20: 468-85.—**Vallejo Nagera, A.** Sobre el pronóstico de la parálisis general. Med. ibera, 1930, 26: 369-77.—**Vaschide, N., & Meunier, R.** De la possibilité d'un pronostic de la mort chez les paralytiques généraux par l'examen de la pression sanguine. C. rend. Soc. biol., 1908, 64: 1028.

Remission, and intermission.

VALLET, P. A. *Contribution à l'étude des rémissions dans la paralysie générale. 110p. 8° Par., 1906.

Arnaud, F. L., & Laignel-Lavastine. Paralysie générale prolongée avec ictus et rémissions confirmée anatomiquement. Encéphale, 1913, 1: 50-5.—**Ballet, G.** Des intermissions au cours de la paralysie générale; évolution à type discontinu. Ibid., 1908, 2: 112-5. Also Rev. neur., Par., 1908, 16: 1145.—**Bingham, H. V.** Three cases of general paresis with long remission. Tr. Homoeop. M. Soc. N. York, 1909, 53: 141-8.—**Bostrom.** Ueber praktische Gesichtspunkte bei der Beurteilung der Remissionen. Allg. Zschr. Psychiat., 1926, 85: 75-8.—**Cisternas, R.** Consideraciones sobre las remisiones en la parálisis general. Sem. méd., B. Air., 1926, 33: 45-8.—**Datner, B.** Ueber interkurrente psychotische Reaktionen bei remittierten Paralytikern. Wien. klin. Wschr., 1937, 50: 337-9.—**Delaye, J.** Observations de paralysie générale progressive à forme rémittente, suivies d'aperçus nouveaux sur la nature de cette maladie. J. méd. Toulouse, 1864, 4. ser., 3:

97-108.—**Dobrschansky, M.** Ueber einen Fall von progressiver Paralyse mit 14jähriger Remission; nebst einigen Bemerkungen zur Therapie der Dementia paralytica. *Jahrb. Psychiat.*, 1907, 28: 164-78.—**Ferdère, G., & Lenseigne, S.** Rémission post-typique d'une paralyse générale juvénile. *Ann. méd. psychol.*, Par., 1940, 98: 90-4.—**Grimaldi, L.** Psicosi paralitiche e remissioni. *Manicomio*, 1927, 40: 53-80.—**Janota, O.** Paralyse générale à rémission spontanée d'une durée de 10 ans, avec réactions humorales complètement positives dans le sang et dans le liquide céphalo-rachidien. *C. rend. Congr. alién. neur. France*, 1928, 32. Congr., 293-5.—**Leroy & Médakovitch.** Les rémissions dans la paralyse générale. *Ann. méd. psychol.*, Par., 1929, 87: 253-66.—**Padovani, E.** Remissioni e intermissioni nella demenza paralitica. *Nota psichiat.*, Pesaro, 1908, 3. ser., 1: 308-16.—**Prados y Such, M.** Sobre la remisión en la parálisis progresiva. *Arch. neurob.*, Madr., 1929, 9: 333-9.—**Solomon, H. C.** A case of general paresis with a long remission. *Boston M. & S. J.*, 1927, 196: 446-8.—**Soum & Authier.** Une rémission très complète de paralyse générale. *J. méd. Bordeaux*, 1912, 42: 39.—**Stefan, H.** Schwierige Differentialdiagnose zwischen weitgehendem Remissionszustand bei einer progressiven Paralyse oder einer Encephalopathia traumatica? Fall von Dissimulation. *Aerzt. Sachverst. Ztg.*, 1936, 42: 144-7.—**Stout, R. E.** Graphic methods of evaluating remissions in general paralysis. *Ohio M. J.*, 1933, 29: 179-83.

Serology.

See also subheading Pathology, humoral.

ZÜLCHAUR, W. M. *Die Serodiagnose der Dementia paralytica. 35p. 8°. Borna-Lpz., 1910.

Binswanger. Wassermannsche Reaktion bei progressiver Paralyse. *Mtschr. Psychiat.*, 1911, 29: 86.—**Bialock, J. R., & Hinsie, L. E.** Serology in general paresis. *Psychiat. Q.*, 1938, 12: 84-116.—**Browning, C. H., & M'Kenzie, I.** On the Wassermann reaction, and especially its significance in relation to general paralysis. *Rev. Neur. Psychiat.*, Edinb., 1909, 7: 391-401.—**Bunker, H. A., jr., & Meyers, S.** Blood groups in general paralysis; a study of the agglutinin-agglutininogen formula in 91 cases. *J. Lab. Clin. M.*, 1926-27, 12: 415-26.—**Fabinyi, R.** [Abderhalden's reaction in paralysis and dementia praecox] *Gyógyászat*, 1914, 54: 384; 404.—**Farmachidis, C.** Sulla reazione di Butenko. *Gazz. osp.*, 1911, 32: 1087-9.—**Fornet, W.** Ueber die Spezifität der Präcipitatreaktion bei Lues und Paralyse. *Berl. klin. Wschr.*, 1908, 45: 874-7.—**Schereschewsky, J.** Gibt es eine spezifische Präcipitatreaktion bei Lues und Paralyse? *Münch. med. Wschr.*, 1908, 55: 282.—**Forster, E.** Ein Fall von Paralyse mit negativem Wassermann in Blut und Liquor. *Mtschr. Psychiat.*, 1915, 33: 162-5.—**Hallager.** La réaction de Wassermann et la paralyse générale. *Off. Ber. Internat. Congr. Fürsorge Geisteskr.* (1910) 1911, 4: 449-61.—**Hubbs, R. S.** The relation of clinical and serological findings in dementia paralytica. *Med. Bull. Veterans Admin.*, 1931, 7: 816-20.—**Jones, E.** A review of our present knowledge concerning the sero-diagnosis of general paralysis. *Am. J. Insan.*, 1908-9, 65: 653-88.—**Kraulis, W.** Ueber Veränderungen des Komplementes bei progressiver Paralyse und seine Reaktivierung. *Klin. Wschr.*, 1936, 15: 1065-7.—**Laurie, D.** La réaction de Wassermann dans 65 cas de paralyse générale suspectée ou confirmée. *Bull. Soc. clin. méd. ment.*, Par., 1922, 10: 35.—**Levaditi, C., & Yamanouchi, T.** Séro-réaction de la syphilis et de la paralyse générale. *C. rend. Soc. biol.*, 1908, 64: 27-9.—**Marie, A.** La réaction de Wassermann dans la paralyse générale. *Ibid.*, 169-71.—**Masignani, V.** La reazione eno-clasica nei paralitici progressivi in rapporto ad alcune reazioni sierologiche (Bordet-Wassermann, Ifo Ballungs-reaktion di Müller, reazione di chiarificazione di Meinicke) *Rass. stud. psichiat.*, 1932, 21: 670.—**Newman, K. O.** The blood serum test of general paralysis. *Brit. M. J.*, 1930, 1: 997.—**Piolti, M.** L'permeabilità delle meningi nella paralisi progressiva a vari amboecetori emolitici normali ed al complemento del siero di sangue. *Riv. pat. nerv.*, 1934, 44: 296-317, ch. — Ancora sulla permeabilità delle meningi agli amboecetori emolitici del sangue. *Ibid.*, 317-32, ch.—**Prunell, A.** La polypeptidémie dans la paralyse générale; ses rapports avec les réactions de Wassermann et de Kahn. *C. rend. Soc. biol.*, 1935, 118: 479-81.—**Galmes, J.** Modifications des protéines du sérum dans la paralyse générale, et ses rapports avec les réactions sérologiques. *Ibid.*, 1934, 117: 551.—**Rabboni, G.** Autoemolisine a frigore nei paralitici generali. *Policlinico*, 1934, 41: sez. med., 470-89. Also *Riv. sper. freniat.*, 1934, 58: 1473-6.—**Rizzatti, E.** Ricerche sulle frazioni colestero-proteiche dei sieri dei paralitici progressivi, in rapporto alla reazione di Wassermann. *Ibid.*, 1923, 47: 37-52.—**Schoenhals.** Serologische Beiträge zur Lues-Paralyse-Frage. *Mtschr. Psychiat.*, 1913, 34: 230-66.—**Shaw, B. H.** Surface tension of serum in general paralysis an aid to diagnosis. *Brit. M. J.*, 1931, 1: 623.—**Theobald, M.** Zur Abwehrfermentreaktion bei der progressiven Paralyse. *Med. Klin.*, Berl., 1913, 9: 1850.—**Tommassi, C.** Sul valore diagnostico della reazione di Porges col glicocolato sodico sul siero dei malati di paralisi progressiva. *Riv. pat. nerv.*, 1909, 14: 49-53.

Social aspect.

See also subheading Forensic aspect.

Bonvicini, G. Die Paralyse Gaetano Donizettis. *Wien. med. Wschr.*, 1927, 77: 1265.—**Brunon.** Paralyse générale chez un manouvrier. *Normandie méd.*, 1913, 29: 137-43.—**Fry, F.** A plea for statistics on paretic dementia in railway employes. *S. Louis M. Rev.*, 1910, n. ser., 4: 199-201.—**Heller, J.** Die Häufigkeit der progressiven Paralyse unter den hervorragenden deutschen Bühnenkünstlern der letzten 100 Jahre. *Arch. Derm. Syph.*, Berl., 1928, 155: 141-4.—**Hinsie, L. E.** The influence of general paralysis on the family. *Psychiat. Q.*, 1929, 3: 90-7.—**Knapp, P. C.** General paralysis as a menace to public safety in transportation. *Boston M. & S. J.*, 1908, 163: 187-9. Also *Contr. Dep. Neur. Harvard M. School*, 1910, 4: 11-8.—**Kurth, W.** Untersuchungen zur Frage der sozialen Wiedereingliederung fieberbehandelter Paralytiker. *Mtschr. Psychiat.*, 1936, 93: 166-84.—**Nathan, M.** Un cas de paralyse générale chez un musicien professionnel. *Rev. neur.*, Par., 1908, 16: 1328-30.—**Occupation and general paralysis.** *Nation's Health*, Chic., 1924, 6: 41.—**Pactet.** Deux paralytiques généraux: l'un aiguillier, l'autre conducteur de train dans les grandes compagnies de chemins de fer. *Ann. méd. psychol.*, Par., 1924, 82: pt 2, 140-52.—**Robin.** Un paralytique général, employé de chemin de fer. *Bull. Soc. clin. méd. ment.*, Par., 1921, 9: 170-5.—**Parnitzke, K. H.** Der defektgeheilte Paralytiker (Pönitz) als sozialpsychiatrisches Problem; dargestellt auf Grund eigener Untersuchungen in den schlesischen Heil- und Pflegeanstalten. *Zschr. ges. Neur. Psychiat.*, 1937, 159: 722-45.—**Perricone, G.** L'Europa sapiente regala al continente nero la paralisi progressiva? *Cult. med. mod.*, Pal., 1926, 5: 407-10.—**Pönitz, K.** Zur klinischen und sozialen Bedeutung des defektgeheilten Paralytikers. *Münch. med. Wschr.*, 1929, 76: 953-5.—**Weissmann.** Tabes und Paralyse unter den Eisenbahnbeamten. *Zschr. Bahnärzte*, 1924, 19: 162-4.—**Weygandt, W.** Soziale Einschätzung paralytischer Akademiker nach Infektionsbehandlung. *Wien. klin. Wschr.*, 1928, 41: 1013-6.

Treatment.

MOLLARET, P. Le traitement actuel de la paralyse générale. 68p. 8°. Par., 1933.

PINARD, M., FIEHRER, A., & TAVENNEC, M. Thérapeutique de la paralyse générale. 118p. 8°. Par., 1935.

SÉZARY, A., & BARBÉ, A. Les traitements modernes de la paralyse générale. 35p. 8°. Par., 1930.

Abadie, J. Le traitement de la paralyse générale. *J. méd.*, Bordeaux, 1929, 59: 219-32.—**Audry, C.** Pourquoi l'on doit traiter les paralytiques généraux. *Ann. derm. syph.*, Par., 1913, 5. ser., 4: 288-91.—**Anton, G.** Ueber progressive Paralyse und ihre Behandlung. *Zschr. ärztl. Fortbild.*, 1911, 8: 701-10.—**Aubry, E.** Diagnostic précoce et traitement de la paralyse générale. *Bull. gén. théor.*, 1928, 179: 354-7.—**Bamford, C. B.** The treatment of general paralysis. *J. Ment. Sc.*, Lond., 1928, 74: 496-8.—**Becke, H. C.** The modern treatment of general paralysis. *Med. Press & Circ.*, Lond., 1936, 193: 398-402.—**Becker, W. H.** Die Behandlung der progressiven Paralyse. *Fortsch. Med.*, 1910, 28: 1601-7.—**Benedek, L.** Terapia moderna della paralisi progressiva. *Riforma med.*, 1933, 49: 743-50.—**Benon, R.** De la paralyse générale et de son traitement. *Ann. méd. psychol.*, Par., 1927, 85: 407-10.—**Bériel, L., & Roussel, J.** L'état actuel du traitement de la paralyse générale. *Progr. méd.*, Par., 1929, 44: 2269-73.—**Bewley, G.** The treatment of general paresis. *Irish J. M. Sc.*, 1929, 6. ser., 247-55.—**Bonhoeffer, K.** Bemerkungen zur Behandlung und Diagnose der progressiven Paralyse. *Jahrb. Schles. Ges. vaterl. Cult.* (1910) 1911, 2: 2. Teil, 139-47.—**Borda, J. T.** Tratamiento de la parálisis general progresiva. *Rev. argent. neur.*, 1928, 2: 481-93. Also *Actas Conf. lat. amer. neur.*, 1929, 1. Congr., 187-218.—**Bosch, G., Del Ponte, E., & Zuccarini, J. A.** El tratamiento de la parálisis general progresiva. *Prensa méd. argent.*, 1930-31, 17: 1647-55.—**Bramwell, B.** General paralysis for the insane: treatment of parasymphilitic conditions. *Clin. Stud.*, Edinb., 1909-10, 8: 367.—**Brodski, L.** [Treatment of progressive paralysis] *Novoye med.*, 1911, 5: 1099-112.—**Combemale, P.** Le traitement de la paralyse générale. *Echo méd. nord*, 1930, 34: 469-75.—**Cotton, H. A.** The treatment of general paresis. *Hosp. Bull. Univ. Maryland*, 1914-15, 10: 56-9.—**Damaye, H.** Traitement de la paralyse générale. *Progr. méd.*, Par., 1914, 3. ser., 30: 270.—**Dana, C. L.** The cure of early paresis. *J. Am. M. Ass.*, 1910, 54: 1661-4.—**The cure of pre-paretic states.** *J. Nerv. Ment. Dis.*, 1910, 37: 701-5.—**Donath, J.** Bemerkung zum Aufsatz von O. Fischer: Ueber die Aussichten einer therapeutischen Beeinflussung der progressiven Paralyse. *Zschr. ges. Neur. Psychiat.*, 1911, 5: Orig., 143.—**Droguet, P.** Le traitement de la paralyse générale. *Gaz. méd. France*, 1938, 45: 403.—**Dubois.** Le traitement actuel de la paralyse générale. *J. méd. Paris*, 1935, 55: 555-8.—**Dujardin, B., & Targowla, R.** La thérapeutique de la paralyse générale. *C. rend. Congr. alién. neur. France*, 1928, 32. Congr., 185-244.—**Early treatment in G. P. I.** *Lancet*, Lond., 1935, 1: 34.—**Enge, J.** Ueber die Bedeutung der progressiven Paralyse und ihre Behandlung in der allgemeinen Praxis. *Zschr. ärztl. Fortbild.*, 1915, 12: 107; 146.—**Enke, W.**

Die Behandlung der Paralyse. Prakt. Arzt, 1930, n. F. 15: 101; 128; 158.—**Forli, V.** La cura della paralisi progressiva. Policlinico, 1911, 18: sez. prat., 1513-7.—**Fromenty, L.** Diagnostic précoce et traitements modernes de la paralysie générale Arch. méd. chir. province, 1937, 27: 51-8.—**Gardner, W. P.** General paresis; a brief consideration of its recognition and treatment. Minnesota M., 1934, 17: 121-7.—**Gonzalo Bosch, Del Ponte, E., & Zuccarini, J. A.** El tratamiento de la parálisis general progresiva. Crón. méd. mex., 1931, 30: 453-61.—**Harris, W.** Treatment of general paralysis of the insane. Med. Press & Circ., Lond., 1940, 203: 166-70.—**Hendriksen, V.** [Treatment of paralytic dementia] Hospitalstidende, 1932, 75: [Dansk Med. Selsk. Forh.] 35; 49.—**Hyde, M. E.** The treatment of general paresis. J. Kansas M. Soc., 1937, 38: 291-5.—**Ingram, G. H.** Treatment of general paralysis. U. S. Veterans Bur. M. Bull., 1930, 6: 94-7.—**Jackson, J. A., & Free, G. B. M.** The treatment of general paralysis. Am. J. Syph., 1927, 11: 31-4.—**James, G. W. B.** The treatment of G. P. I. Lancet, Lond., 1927, 2: 515.—**Levison, P., & Boss, H.** [Dementia paralytica and its treatment] Ugeskr. læger, 1932, 94: 1054-7.—**Lizzi, A.** Treatment of general paresis. Marquette M. Rev., 1936-37, 1: 70-5.—**Lyubimov, S. Y.** [Treatment of progressive paralysis of the insane] Psikhiat. gaz., S. Peterb., 1914, 1: 55.—**Mackay, R. P.** The treatment of general paresis. Med. Clin. N. America, 1938, 22: 233-46.—**Madsen, J.** [Symptoms and early treatment of dementia paralytica] Hospitalstidende, 1934, 77: 481-91.—**Moravski, Y.** [Treatment of progressive paralysis] Sovrem. psikiat., 1913, 7: 14-35.—**Osinov, V.** [Treatment of progressive paralysis] Vrach. gaz., 1927, 31: 1479-84.—**Parhon, C., Urechia, C., & Tupa, A.** [Cause and treatment of general paralysis] Spitalul, 1912, 32: 529; 569.—**Pilez, A.** Ueber die Behandlung der progressiven Paralyse durch den Hausarzt. Wien. med. Wschr., 1909, 69: 1665-72.—**Pinoche, C., & Vanier, J.** Le traitement actuel de la paralysie générale; technique, indications, résultats. Gaz. méd. France, 1929, 3: 237-40.—**Ramirez Moreno, S.** Tratamiento de la parálisis general progresiva. Gac. méd. México, 1928, 59: 252, ch.—**Roxo, E.** Tratamiento de la parálisis general. Rev. crim. psiquiat., B. Air., 1931, 18: 649-59.—**Sicard, J. A.** Traitement de la paralysie générale. J. méd. fr., 1914, 7: 70-7.—**Spelmeyer, W.** Die Behandlung der progressiven Paralyse. Arch. Psychiat., Berl., 1912, 50: 76-99.—**Steyerthal, A.** Die Therapie der progressiven Paralyse. Veröff. Balneol. Ges. Berlin, 1910, 67-75. Also Med. Klin., Berl., 1910, 6: 545-7.—**Therapética (La)** de la parálisis general. Crón. méd., Lima, 1917, 34: 441-67.—**Tinel, J.** Les traitements actuels de la paralysie générale. Méd. chir., Par., 1927, 98: 546-54.—**Tomescu, P.** [On the treatment of general paralysis] România med., 1929, 7: 1.—**Vermeylen, G.** L'aspect actuel et le traitement moderne de la paralysie générale. Bruxelles méd., 1933-34, 14: 719-24.—**Vullien, R.** Prophylaxie de la syphilis; traitement de la paralysie générale. Echo méd. nord, 1934, 3. ser., 2: 1117-23.—**Wagner von Jauregg.** Die Behandlung der progressiven Paralyse. C. rend. Congr. internat. méd., 1910, 16. Congr., Sect. 12, Psychiat., 193-8. — Derzeitige Behandlung der progressiven Paralyse. Wien. klin. Wschr., 1939, 52: 1075-8.—**Weichbrodt, R.** Die progressive Paralyse und ihre Therapie. Zschr. ges. Neur. Psychiat., 1926, 105: 599-613.

— Treatment: Administration, and dosage.

TZANCK, A. *Traitement de la paralysie générale; méthode combinée intraveineuse et intrarachidienne. 64p. 8°. Par., 1914.

Büssow, H. Zur Frage der Dosierung bei der unspezifische Paralysetherapie. Allg. Zschr. Psychiat., 1937, 106: 347-98, tab.—**Ceatan, Riscu, & Pères, M.** Intraventricular treatment of paresis. J. Nerv. Ment. Dis., 1927, 66: 227-44.—**Doyen, E.** Traitement de la paralysie générale par les injections sous la dure-mère cérébrale. C. rend. Soc. biol., 1914, 76: 342.—**Ducosté, M.** Mode d'action de la thérapeutique intracérébrale de la paralysie générale. Bull. Soc. path. exot., Par., 1933, 26: 836-43.—**Ferdière, G.** Thérapeutique intracérébrale de la paralysie générale. Ibid., 830-6.—**Ogilvie, H. S.** Results of intraspinal treatment in general paresis. J. Nerv. Ment. Dis., 1916, 43: 263-5. Also Med. Rec., N. Y., 1916, 89: 173.—**Sciuti, M., & Mariotti, E.** Sulla associazione di estratti biliari ed epatici al neosalvarsan nella cura della lue e della paralisi progressiva. Osp. psichiat., Nap., 1935, 3: 201-20.—**Sioli, J.** Ueber die Behandlung der progressiven Paralyse mit Silver-salvarsan und Sulfoxylat. Deut. med. Wschr., 1920, 46: [Discussion] 222.—**Tablopoulos, I.** [Treatment of general paralysis and tuberculosis of the spine by salvarsanized autogenous serum] Ιατρικη Προοδος, 1914, 19: 121.—**Toporkov, N., & Protasov, A.** [Salvarsan in progressive paralysis] Sibirsk. vrach. gaz., 1912, 5: 13; 25.—**Weichbrodt, R.** Silbersalvarsannatrium und Sulfoxylat-präparat (Nr. 1495) in der Paralysetherapie. Deut. med. Wschr., 1918, 44: 1216. — Experimentelle Untersuchungen zur Salvarsantherapie der Paralyse. Ibid., 1921, 47: 69.—**Zimkin, J.** Versuche zum objektiven Nachweis der Intelligenzbesserung bei Paralytikern nach Salvarsantherapie. Neur. Zbl., 1914, 32: 885-90.—**Vallejo Nágera, A.** Sobre el tratamiento intrarraquídeo de la parálisis general. Siglo méd., 1927, 74: 689.—**Villaverde, J. M. de.** Insistiendo sobre el tratamiento intrarraquídeo de la parálisis general. Ibid., 509: 664.

— Treatment: Arsenicals.

Alter. Zur spezifischen Behandlung der Paralyse. Psychiat. neur. Wschr., 1914-15, 16: 277-82.—**Bambaren, C. A.** Sobre etiología de la parálisis general y su tratamiento específico. Crón. méd., Lima, 1917, 34: 431-40.—**Baiotta, N. G.** Tratamiento de la P. G. P. por los arsenicales pentavalentes. Sem. méd., B. Air., 1940, 47: 266-9.—**D'Abundo, G.** Sul tentativo di speciali sieroterapie nella paralisi generale progressiva. Riv. ital. neuropat., 1914, 7: 1-10.—**Knapp, P. C.** The treatment of paresis by intra-ventricular injections of diarsenized serum, with presentation of cases. Boston M. & S. J., 1916, 175: 24.—**Liebers, M.** Ueber einen tödlich verlaufenen Fall von Dermatitis exfoliativa nach Bismogenol-Salvarsanbehandlung bei Paralyse. Derm. Wschr., 1931, 93: 1305-9.—**Marie, A.** Atoxyl et paralysie générale. C. rend. Congr. alién. neur. France (1907) 1908, 17. Congr., 165. Also C. rend. Congr. internat. psychiat. (1907) 1908, 1. Congr., 204. — Le benzène-sulfone arsanylate de soude dans le traitement de la P. G. Arch. internat. neur., Par., 1928, 21. ser., 1: 45-9.—**Mignot, R., & Bouchaud, G.** L'atoxyl dans 2 cas de paralysie générale. C. rend. Congr. alién. neur. France (1907) 1908, 17. Congr., 304-7.—**Sicard, J. A., & Roger, H.** Arsénotherapie intraveineuse intensive et abolition du réflexe achilléen. Bull. Soc. méd. hôp. Paris, 1918, 3. ser., 42: 585.—**Sicco, A., & Loubejac, A.** Sobre el tratamiento de la parálisis general por el acetyl amino-oxifenilarsinato de dietilaminoetanol (arsaminol) Rev. crim. psiquiat., B. Air., 1929, 16: 659-77.

— Treatment: Arsenicals: Acetarsol.

Abély, P., & Salgo, N. Trois cas de névrite optique rétro-bulbaire bilatérale avec intégrité primitive du fond de l'oeil, survenue au cours du traitement stovarsolique chez des paralytiques généraux. Ann. méd. psychol., Par., 1935, 93: 514-8.—**Barbé, A.** Traitement de la paralysie générale par le stovarsol. Biol. méd., Par., 1929, 19: 321-32. Also Sem. hôp. Paris, 1929, 5: 328-35. Also Biol. méd., Milano, 1930, 20: 180-92.—**Bériel, L., & Devic, A.** De l'emploi du stovarsol dans le traitement de la paralysie générale. Lyon méd., 1926, 138: 256; 275. — Quelques documents cliniques sur le traitement de la paralysie générale par le stovarsol sodique. Ibid., 1928, 142: 167-70. Also Bull. méd. Québec, 1929, 30: 57-60.—**Cornil, L., & Haushalter, J.** Deux cas de paralysie générale traités par les injections de stovarsol. Bull. Soc. fr. dermat. syph., 1927, 34: 34.—**Deschamps, A.** Action du stovarsol sur les troubles psychiques et organiques de la paralysie générale. Ann. méd. psychol., Par., 1931, 89: 262-72.—**Fabrizio, A.** La stovarsol-terapia nella paralisi progressiva. Rinasce. med., 1938, 15: 579.—**Feuillade, M.** Résultats du traitement de 50 cas de paralysie générale par la malaria et le stovarsol sodique. Ann. méd. psychol., Par., 1939, 97: 406-10.—**Leuret, F., & Donnadieu, A.** A propos d'un cas de paralysie générale traité par le stovarsol intra-veineux à hautes doses. J. méd. Bordeaux, 1927, 57: 179.—**Marchand, L.** Etat du fond de l'oeil dans 115 cas de paralysie générale traités par le stovarsol sodique. Ann. méd. psychol., Par., 1936, 94: 398-404. — Résultats du traitement de 111 cas de paralysie générale par le stovarsol sodique. Ibid., 1938, 96: 349-57.—**Milian, A.** Traitement de la paralysie générale par le stovarsol. Bull. Soc. fr. dermat. syph., 34: 832.—**Roger, H., Alliez, J., & Filhol, L.** Trente cas de paralysie générale traités par le stovarsol sodique. Marseille méd., 1934, 71: 405-19.—**Salgo, N.** Deux cas de cécité par le traitement stovarsolique chez des paralytiques généraux. Bull. Soc. opt. Paris, 1935, 75-7.—**Sézary, A.** Présentation d'un paralytique général traité par le stovarsol sodique. Discuss. Congr. dermat. syph. fr., 1929, 4. Congr., 258. — Le traitement de la paralysie générale par les injections de stovarsol sodique. Rev. crit. path. théor., 1930, 1: 224-9. Also Bull. méd., Par., 1935, 49: 136-9.—**Barbé, A.** Traitement de la paralysie générale par le stovarsol. Presse méd., 1926, 34: 849-51. Also repr. — Le traitement de la paralysie générale par les injections de stovarsol sodique. Bull. Soc. fr. dermat. syph., 1927, 34: 446-56. Also Rev. neur., Par., 1927, 34: 1037-47. — Résultats cliniques et biologiques de la stovarsolthérapie dans 125 cas de paralysie générale. Presse méd., 1929, 37: 1-3. Also repr. Also Crón. méd. quib. Habana, 1930, 56: 469-71. — Le traitement de la paralysie générale par le stovarsol sodique; comparaison avec la malariathérapie. Sem. hôp. Paris, 1930, 6: 74-6. — La posologie et le mode d'emploi du stovarsol sodique dans la paralysie générale. Bull. Soc. méd. hôp. Paris, 1932, 3. ser., 48: 388-93. Also J. méd. Paris, 1932, 52: 894-8. — L'état mental, physique et humoral des paralytiques généraux rebelles au stovarsol. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 1001-4. — Remarquable action de la stovarsolthérapie compliquée d'érythrodermie vésiculo-occlématuse dans un cas de paralysie générale. Bull. Soc. fr. dermat. syph., 1934, 41: 1741-3. — The treatment of general paresis with stovarsol. Internat. Clin., 1936, 46. ser., 1: 130-43. — Les résultats cliniques et biologiques tardifs du traitement de la paralysie générale par le stovarsol sodique. Presse méd., 1937, 45: 1483-5.—**Stoicescu, M.** [Stovarsol sodium in treatment of general paralysis] România med., 1939, 17: 99.—**Tinel, J.** Traitement de la paralysie générale par le stovarsol et le tréparsol. Bruxelles méd., 1925-26, 6: 735.

— Treatment: Arsenicals: Arsphenamine.

Bolsi, D., & Piolti, M. Osservazioni sulla terapia arsenobenzolica ad alte dosi secondo il metodo di Savulescu in malati di paralisi progressiva. *Gior. Accad. med. Torino*, 1933, 96: 68-78.—**Calagno, B. N.** Neosalvarsan y parálisis general. *Sem. méd., B. Air.*, 1913, 20: pt 2, 1564-72.—**Delépine & Sablé, J.** Paralyse générale; trépanation et injection de sérum salvarsanisé. *J. sc. méd. Lille*, 1920, 38: 251-5.—**Egiazarov, I. N.** [Progressive paralysis treated with salvarsan] *Tr. Imp. Kavkazsk. Med. Obsh.*, 1911-12, 48: 223-35.—**Hamill, R. C.** The intracranial treatment of parietic dementia. *Illinois M. J.*, 1915, 27: 204-6.—**Haskell, R. H.** Acute alcoholic hallucinosis in general paralysis with the additional complication of herpes zoster following intra-spinal injection of salvarsanized serum. *Tr. Clin. Soc. Univ. Michigan*, 1914-15, 6: 64-7.—**Janský, J.** [Salvarsan treatment of progressive paralysis] *Cas. lék. česk.*, 1914, 53: 1195-8.—**Jørgensen, A.** Et tilfælde af dødelig arsenikforgiftning ved behandling af hjernesyfili (dementia parietica) med Ehrlich-Hata 606. *Ugeskr. læger*, 1910, 72: 1490-4. Also *Med. Klin.*, Berl., 1911, 7: 372-4.—**Leredde & Jamin.** Sur un cas de mort après convulsions épileptiformes chez un paralytique général traité par le salvarsan; accidents du salvarsan et réaction de Herxheimer. *Bull. Soc. fr. derm. syph.*, 1914, 25: 36-77.—**Marie, A.** Essai de traitement de la paralysie générale par application de l'arsénobenzol dans le canal rachidien. *Clinique, Par.*, 1914, 9: 391-3.—**Meggendorfer, F.** Ergebnisse der Paralysebehandlung mit Salvarsaninjektionen in die Karotiden nach Knauer. *Allg. Zschr. Psychiat.*, 1926, 84: 330-9.—**Mönch.** Ueber die endolumbale Anwendung des Afeinils in der endolumbalen Salvarsanbehandlung nach Gennerich bei Paralyse. *Münch. med. Wschr.*, 1926, 73: 1160.—**Myerson, A.** Progress with the treatment of paresis by salvarsanized serum. *Boston M. & S. J.*, 1913, 169: 426.—**Nin Posadas, J.** Neo-salvarsan y parálisis general. *Sem. méd., B. Air.*, 1913, 20: pt 2, 1301-3.—**Pierret, R.** De l'action du 606 sur l'apparition du délire dans la paralysie générale. *Rev. méd. Normandie*, 1912, 322-6.—**Pilsbury, L. B.** Paresis patients treated with intraspinal injections of salvarsanized serum; a brief report. *J. Am. M. Ass.*, 1914, 63: 1274-7. Also repr.—**Raecke.** Zur Salvarsanbehandlung der progressiven Paralyse. *Deut. med. Wschr.*, 1913, 39: 1349-52. Also *Münch. med. Wschr.*, 1913, 60: 1738.

— Treatment: Arsenicals: Tryparsamide.

Brown, M. The treatment of general paralysis by tryparsamide. *J. Ment. Sc., Lond.*, 1927, 73: 225-33.—**Martin, A. R.** A note on the treatment of general paralysis by tryparsamide. *Lancet, Lond.*, 1926, 2: 699.—**Bunker, H. A.** Effect of 100 injections of tryparsamide upon the spinal fluid in general paralysis. *Am. J. M. Sc.*, 1928, 175: 265-72.—**Campbell, G. B.** Treatment of general paralysis by the use of tryparsamide. *State Hosp. Q., Alb.*, 1926-27, 12: 76-81.—**Davie, T. M.** Tryparsamide therapy in general paralysis of the insane. *J. Ment. Sc., Lond.*, 1927, 73: 217-25.—**El Kholy, M. K.** Two cases of general paralysis treated with tryparsamide. *J. Egypt. M. Ass.*, 1930, 13: 32-9.—**Gerbaux, L.** Sur un cas de paralysie générale traité par la tryparsamide. *Arch. Inst. prophyl.*, Par., 1932, 4: 389-93.—**Gibbs, C. E., & Reichenbach, E. B.** Tryparsamide in general paralysis. *State Hosp. Q., Alb.*, 1926-27, 12: 82-7.—**Hadden, S. B., & Wilson, G.** Tryparsamide in the treatment of general paralysis. *J. Am. M. Ass.*, 1927, 88: 473-5.—**Hassin, G. B., & Bassoe, P.** General paralysis treated with tryparsamide; a clinicopathologic report of a case. *Arch. Neur. Psychiat.*, Chic., 1926, 16: 37-47.—**Hoverson, E. T.** General paralysis; nonfever treatment by cerebral lipoids and tryparsamide. *Am. J. Syph.*, 1934, 18: 221-31.—**Jaenike, R. C., & Forman, G. W.** Tryparsamide treatment of paresis; a clinical report of 100 cases. *J. Nerv. Ment. Dis.*, 1928, 68: 261-4.—**Kirby, G. H., & Hinsie, L. E.** Tryparsamide treatment of general paralysis. *State Hosp. Q., Alb.*, 1926-27, 12: 53-75. Also *Psychiat. Q.*, 1929, 3: 68-76.—**Marchand, L.** A propos des lésions du fond de l'œil chez les paralytiques généraux traités par la tryparsamide. *Ann. méd. psychol.*, Par., 1936, 94: 427.—**Menzies, E. C.** A review of the progress and results in 41 cases of paresis and tabo-paresis treated with tryparsamide. *Canad. M. Ass. J.*, 1929, 20: 242-6.—**Read, C. F., & Paskind, H.** Tryparsamide treatment of paresis. *West. M. Rev.*, 1926, 31: 172-4.—**Senn, J. N.** The tryparsamide treatment of general paresis. *Canad. M. Ass. J.*, 1934, 31: 642-5.—**Sicard, J. A., & Haguénau, J.** Tryparsamide et paralysie générale; quatre années d'expérience. *Ann. méd.*, Par., 1927, 22: 377-88.—**Skog, A. L.** A case of paresis treated with tryparsamide. *J. Kansas M. Soc.*, 1925, 25: 15-7.—**Solomon, H. C., & Epstein, S. H.** Dementia paralytica; results of treatment with tryparsamide. *Arch. Neur. Psychiat.*, Chic., 1935, 33: 1216-31. — Results of treatment with tryparsamide in a series of 81 cases of general paresis. *J. Nerv. Ment. Dis.*, 1935, 81: 560-2.—**Stevenson, G. H.** Tryparsamide in the treatment of general paresis. *Canad. M. Ass. J.*, 1927, 17: 787-90. Also *Ontario J. Neuropsychiat.*, 1928, 71-5.—**Tennent, T.** Investigations into the prolonged treatment of general paralysis with tryparsamide. *J. Ment. Sc., Lond.*, 1931, 77: 86-118.

— Treatment: Artificial infection.

See also subheading Treatment (Fever therapy; Malariotherapy)

PRUGNIAUD, R. *Contribution à l'étude du traitement de la paralysie générale par la malaria et le typhus recurrent. 87p. 8° Par., 1927.

Anglade. Maladie du sommeil et paralysie générale. *Gaz. se. méd. Bordeaux*, 1918, 39: 110.—**Bravetta, E.** Recurrens o malarioterapia? *Boll. Soc. med. chir., Pavia*, 1927, n. ser., 2: 681-90. — Sulla terapia infettiva della paralisi progressiva: recurrens o malaria? *Note psichiat.*, Pesaro, 1927, 3. ser., 15: 403-33.—**Dedichen, H. H.** [Transportation by mail of malaria blood; treatment of general paralysis with spirochaetae of relapsing fever] *Norsk mag. lægevid.*, 1928, 89: 258-63.—**Hendriksen, V.** [Treatment of general paralysis by infectious diseases] *Hospitalstidende*, 1931, 74: 228; 249; 282.—**Indemans, J. W. M.** [Treatment of paresis with malarial and typhoid inoculation] *Geneesk. gids*, 1928, 6: 1215-19.—**Kawamura, R., & Ueda, M.** On the treatment of general paresis with the Pescadore strain of tsutsugamushi virus. *Kitasato Arch.*, 1939, 16: 183-96. — Une nouvelle thérapie de la paralysie générale. *Presse méd.*, 1940, 48: 179-81.—**Kihn, B.** Ueber einige Neuerungen auf dem Gebiete der Infektionsbehandlung der Paralyse. *Med. Klin.*, Berl., 1927, 23: 1711. — Ueber typische Rezidivbildungen und typische Verlaufsformen der Paralyse nach Abschluss der Infektionsbehandlung. *Zschr. ges. Neur. Psychiat.*, 1930-31, 131: 124-51.—**Marie, A., & Kohen, V.** La malaria et la récurrenthérapie dans la paralysie générale. *C. rend. Congr. alién. neur. France*, 1925, 29. Congr., 257-62.—**Naegeli, O.** Le virus de l'herpès simplex joue-t-il un rôle dans l'effet curatif du traitement de la paralysie générale selon la méthode de Wagner-Jauregg? *Paris méd.*, 1932, 83: 559-61. — Die Beziehungen des Herpesvirus zu den Erfolgen der Fiebertherapie der Paralyse. *Schweiz. med. Wschr.*, 1933, 63: 253-7.—**Pap, Z.** [Pyrogenic methods in inoculated malaria and inoculated recurrent fever] *Gyógyászat*, 1932, 72: 68-72.—**Pijper, A., & Dau, H.** [South African tick fever in treatment of general paralysis] *Ned. tscr. geneesk.*, 1933, 77: 2030-7.—**Pollak, E.** Bemerkungen zur Pathologie der infektionsbehandelten Paralyse. *Jahrb. Psychiat. Neur.*, 1931-32, 48: 339-48.—**Ponitz, K.** Die Bedeutung der modernen Paralyse-Behandlung und des defektheilten Paralytikers für den praktischen Arzt. *Med. Welt*, 1929, 3: 1794; 1830.—**Sagel.** Ueber Paralyse und ihre neuzeitlichen Behandlungsmethoden. *Zschr. ges. Krankenhausw.*, 1928, 24: 690-3.—**Schaar, P. J. van der.** Framboesieimpfungen auf Paralytiker. *Derm. Zschr.*, 1934, 70: 185-9.—**Schroeder, K.** Ueber die Infektionsbehandlung der progressiven Paralyse. *Münch. med. Wschr.*, 1931, 78: 324.—**Sicard, Haguénau & Gilbert-Dreyfus.** Inoculation de trypanosomes dans la paralysie générale. *Rev. neur.*, Par., 1929, 36: 254.—**Signorelli, E.** Malaria e ricorrente terapia. *Riv. clin. med.*, 1927, 28: 705-20.—**Speroni, D., & Ramón Beltrán, J.** El tratamiento de la parálisis general progresiva con el paludismo y la fiebre recurrente africana. *Sem. méd.*, B. Air., 1929, 36: pt 2, 969-71.—**Takano, K.** Zur Frage der pathologischen Veränderungen der Hirnrinde rekurrens- und malariebehandelter Paralytiker. *Arch. Neur. Inst. Wien*, 1927-28, 30: 340-55.—**Thurzó, E., Balla, B., & Koppány, A.** Ueber die therapeutischen Resultate der Infektionsbehandlung der progressiven Paralyse vom allgemeinen Gesichtspunkte und in statistischer Beleuchtung. *Deut. Zschr. Nervenhe.*, 1931, 123: 1-17.—**Wagner-Jauregg.** Ueber die Infektionsbehandlung der progressiven Paralyse. *Münch. med. Wschr.*, 1931, 78: 4-7. Also *Gazz. osp.*, 1931, 52: 812-7.—**Werner, H.** Zur Fiebertherapie der Paralyse (Malaria- und Quintana-impfung) In *Arb. Tropenkr. (Festschr. B. Nocht)* Hamb., 1927, 590-3. — Zur Methodik der Arzneimittelprüfung bei Malaria und zur Fiebertherapie der Paralyse (Rickettsienimpfung) *Deut. med. Wschr.*, 1936, 62: 903-5.—**Williford, L. E.** Treatment of paresis by malaria, sodoku, and tryparsamide. *Med. Clin. N. America*, 1927-28, 11: 1269-82.—**Yurman, N. A.** [Influence of suppurations upon the course of progressive paralysis] *Obozr. psichiat. nev.*, 1910, 15: 150-62, diagr.

— Treatment: Artificial infection, mixed.

Krey, J. Ueber den Ablauf gleichzeitig gesetzter Infektionen mit Malaria und Rattenbiss bei Paralytikern. *Zschr. ges. Neur. Psychiat.*, 1933, 146: 626-40.—**Kryspin-Exner, W.** Einige Bemerkungen über den Ablauf gleichzeitig gesetzter Infektionen mit Malaria und Recurrens bei Paralytikern. *Ibid.*, 148: 280-4.—**Metzger, E.** Studien über den Verlauf 2 gleichzeitig gesetzten Infektionen (Malaria und Recurrens) *Zschr. Immunforsch.*, 1926, 47: 545-54.—**Wagner-Jauregg.** Malaria-Rekurrens-Therapie. *Wien. med. Wschr.*, 1926, 76: 871-3.

— Treatment: Artificial infection: Rat-bite fever [Sodoku]

Benedek, L., & Kulsar, F. [Impermeability of choroid plexus to sodoku infection in treatment of paresis] *Orv. hetil.*, 1931, 75: 645.—**Grabow, C., & Krey, J.** Der Impfattenbiss in

der Behandlung der progressiven Paralyse. Zschr. ges. Neur. Psychiat., 1929, 121: 621-40.—Gurevich, M. Zur pathologischen Anatomie der mit Sodoku behandelten progressiven Paralyse. Acta med. scand., 1935-36, 87: 153-67.—Hersfield, A. S., Kibler, O. A. [et al.] Sodoku treatment in paresis; preliminary report on 72 cases. J. Am. M. Ass., 1929, 92: 772.—Kühn, B. Ueber therapeutische Rattenbissimpfungen beim Paralytiker. Zschr. ges. Neur. Psychiat., 1928, 113: 479-86.—Rothström, G. E. A. [Unrestrained care of the insane and ratbite fever in treatment of progressive paralysis] Fin. läk. säll. hand., 1933, 75: 263-87.—Ślomeczyński, S. [Treatment of general paralysis with sodoku] Med. dōsw., 1930, 20: 336-40.—Solomon, H. C., Berk, A. [et al.] The use of sodoku in the treatment of general paralysis; a preliminary report. Arch. Int. M., 1926, 38: 391-404.—Teitelbaum, A. D. Preliminary report of 15 cases of Sodoku treatment of general paresis. U. S. Veterans Bur. M. Bull., 1930, 6: 263-70.

— Treatment: Artificial infection: Relapsing fever.

GRIESEBACH, L. *Meningitis bei Impfkuren [Heidelberg] 15p. 8° [Erfurt] 1928.

SAGEL, W. Eigene Beobachtungen über den ungestörten und den durch chemotherapeutische Massnahmen beeinflussten Infektionsverlauf, über das Verhalten der Immunität, das leukozytäre Blutbild und klinische Erfolge bei mit verschiedenen Recurrenssstämmen künstlich infizierten Paralytikern. 44p. 8° Lpz., 1928.

Benedek, L. [Treatment of progressive paralysis with African coast fever] Gyógyászat, 1926, 66: 1176-86. — Kiss, J. Ueber die Wirkung der Rekurrentherapie auf den pathohistologischen Prozess der progressiven Paralyse. Psychiat. neur. Wschr., 1927, 29: 23-6.—Benedek, L., & Kulcsár, F. Beiträge zur Rekurrens-Behandlung der progressiven Paralyse. Deut. Zschr. Nerven., 1927, 98: 57-122.—Dawson, W. S. Cases of general paralysis treated by inoculation with the organism of relapsing fever. Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Psychiat., 7.—Feilchenfeld, W., & Leibbrand, E. Ein Fall von akuter Iritis nach Recurrensimpfung bei progressiver Paralyse. Klin. Wschr., 1927, 6: 360.—Golant, R., & Faktorovich, Z. [Treatment of progressive paralysis with relapsing fever] Vrach gaz., 1927, 31: 1484-90.—Grabow, C., & Krey, J. Zur Rekurrensbehandlung der progressiven Paralyse. Zschr. ges. Neur. Psychiat., 1928, 116: 382-403.—Hoff, H., & Horn, L. Serologische Beiträge zur Rekurrentherapie der progressiven Paralyse. Münch. med. Wschr., 1926, 73: 731.—Hoff, H., & Silberstein, F. Experimentelle Untersuchung über den Wirkungsmechanismus der Rekurrensfiebertherapie bei der progressiven Paralyse. Zschr. ges. exp. Med., 1926, 49: 294-301.—Jahnel, F. Ueber das Vorkommen der Spirochaeta Duttoni im Hirngewebe des Menschen (Paralytikers) während der Rekurrensinfektion. Münch. med. Wschr., 1926, 73: 2015.—Marie, A. La récurrente-thérapie de la paralysie générale. Arch. internat. neur., Par., 1931, 23, ser. 1: 75-7.

Sur quelques applications de la récurrente à la P. G. Bull. Acad. méd., Par., 1931, 3, ser., 106: 248-51. Also Bull. Soc. méd. Paris, 1931, 161. Also Loire méd., 1932, 46: 127-32.—Más de Ayala, I. Tratamiento de la parálisis general por el Treponema hispanicum. Rev. argent. neur., 1929, 3: 489-505. Also An. Fac. med., Montev., 1930, 15: 75-96.—Moodie, W. General paralysis treated by the organism of relapsing fever. Proc. R. Soc. M., Lond., 1926-27, 30: Sect. Psychiat., 5.—Pap, Z. [Purpura simplex from recurrens injection in paralytic patient] Orv. hetil., 1934, 78: 443-6. Also Mschr. Psychiat., 1934, 88: 363-9. Also In Hughlings Jackson Mem. Vol., Debrece, 1935, No. 6, 363-9.—Pérez Ara, A. Primeros ensayos verificados en Cuba sobre recurrentoterapia de la parálisis general progresiva; aplicación de la fiebre recurrente Hispano-Marroquí. Rev. med. cir. Habana, 1932, 37: 15-29, eh.—Pönitz, K., & Schramm, F. Zur Recurrentherapie der Paralyse. J. Psychol. Neur., Lpz., 1928, 27: 282-92.—Sagel, W. Beobachtungen über das Verhalten der Immunität bei mit Rückfallfieber künstlich infizierten Paralytikern. Arch. Schiffs Tropenhyg., 1928, 32: 178-87. — Neunjährige Erfahrungen mit Recurrensbehandlung der fortschreitenden Hirnlähmung in der Staatlichen Heil- und Pflanzanstalt Arnsdorf i. S. Zschr. ges. Neur. Psychiat., 1931, 137: 11-63. — Beitrag zur Kenntnis der von typischen klinischen Verlaufsbildern der progressiven Paralyse bei und nach Recurrensbehandlungen vorkommenden Abweichungen. Allg. Zschr. Psychiat., 1932, 97: 189-231.—Schröter, R. Beitrag zur Behandlung der Dementia paralytica mit Recurrens Duttoni. Zschr. ges. Neur. Psychiat., 1926, 103: 133-43.—Trossarelli, A. La terapia colla febbre ricorrente nella paralisi progressiva. Rass. stud. psichiat., 1927, 16: 349-55.—Ventra, C. Sul trattamento terapeutico della paralisi progressiva con la Spirocheta Duttoni (febbre ricorrente africana) Manicomio, 1928, 41: 1-11.

— Treatment: Bismuth.

Kohen, V. Modifications exercées sur les réactions humorales des P. G. par les injections intramusculaires de bismuth; essai de thérapie bismuthique comparée dans la paralysie générale. Arch. internat. neur., Par., 1923, 2: 135-8.—Lemay, P., &

Jaloustre, L. Fixation du bismuth par le cerveau. C. rend. Soc. biol., 1923, 88: 474.—Sézary, Barbé & Pomaret. Recherches sur le passage du bismuth dans le liquide céphalo-rachidien des paralytiques généraux. Bull. Soc. méd. hôp. Paris, 1924, 3, ser., 48: 443-5.—Vonkennel, J. Wismutbehandlung zwischen den Fieberattacken der Impfalaria auf Grund quantitativer Bi-Bestimmungen im Liquor. Münch. med. Wschr., 1927, 74: 64-6.

— Treatment: Chemotherapy.

See also subheading Treatment (Arsenicals; Mercury; Metals)

Damaye, H., & Avella, P. Sur le traitement de la paralysie générale. Progr. méd., Par., 1928, 43: 998-1001.—Drossaers, J. G. Het verloop van een geval van dementia paralytica onder antiluetische behandeling. Ned. tsschr. geneesk., 1916, 1: 679; 1917, 1: 1363.—Forman, G. W. Dementia paralytica; effect of continuous intensive therapy with tryparsamide and bismuth on cerebrospinal serologic reactions and frequency of relapse. Arch. Neur. Psychiat., Chic., 1939, 42: 1068-75.—Francotte, X., & Divry, P. Paralysie générale et traitement antisyphilitique. Bull. Acad. méd. Belgique, 1926, 5, ser., 6: 604-40.—Jakob, C. Estudios terapéutico-experimentales sobre un tratamiento antitoxico de la parálisis general progresiva. Prensa méd. argent., 1915-16, 2: 353.—Pakenham-Walsh, R. Oral chemotherapy in G. P. I. Med. Press & Circ., Lond., 1940, 203: 365-7.—Paulian, D. Untersuchungen über die Permeabilität der Blutliquorschranke für Arsen bei progressiver Paralyse, vor und nach der Behandlung. Jahrb. Psychiat. Neur., 1936, 53: 133-54.—Ramírez Moreno, S. Tratamiento de la parálisis general progresiva. Gac. méd. México, 1928, 59: 252; 331.—Sani, C. Il bleu di metilene nella terapia della paralisi progressiva. Rass. stud. psichiat., 1938, 27: 142-50.—Sézary & Barbé. Recherches sur la chimiothérapie de la paralysie générale. Encéphale, 1926, 21: 1; 99.—Zonta, G. Il bleu di metilene nella paralisi progressiva. Riv. sper. freniat., 1936, 60: 123-37.

— Treatment, combined.

BRAUNSTEIN, A. *Pyréthotherapie réglée associée au traitement arsénical (tryparsamide) dans la paralysie générale. 60p. 8° Par., 1931.

Amico, D. Ulteriori dati sulla terapia arsenobenzolica rinforzata post-malarica nella paralisi progressiva. Osp. psichiat., Nap., 1938, 6: 585-94.—Barnacle, C. H., Ebaugh, F. G., & Ewalt, J. R. Treatment of dementia paralytica; comparative study of combined artificial hyperpyrexia and tryparsamide versus therapeutic malaria: a preliminary report. J. Am. M. Ass., 1936, 107: 1031-6.—Beaudouin, H., & Dupont, A. Treize cas de paralysie générale traités par injections de Dmelcos combinées à un traitement chimique. Ann. méd. psychol., Par., 1928, 86: pt 2, 435-40.—Bennett, A. E., Nielsen, J. C. [et al.] Combined artificial fever and chemotherapy in dementia paralytica; preliminary report of 70 cases. Arch. Phys. Ther., 1939, 20: 620-7.—Bennett, A. E., Nielsen, J. C., & Fechner, A. H. Advances in the treatment of dementia paralytica by combined artificial fever and chemotherapy; comparative results in early and advanced stages, including malarial failures; a preliminary report of 70 cases. Nebraska M. J., 1940, 25: 1-5.—Beyerman, W. [Demonstrations; malarial and salvarsan therapy in dementia paralytica] Ned. tsschr. geneesk., 1939, 83: 3762.—Claude, H. Divers aspects cliniques de la paralysie générale; malarithérapie et traitement chimique. Rev. gén. clin. thér., 1935, 49: 433-5.—Crawford, C. M. Treatment of parietic neurosyphilis by malaria and tryparsamide. Canad. Pub. Health J., 1940, 31: 99-105.—Heinicke, W., & Künzel, W. Zur kombinierten Tuberkulin-Quecksilberbehandlung der progressiven Paralyse. Arch. Psychiat., Berl., 1915, 55: 527-31.—Hinsie, L. E., & Blalock, J. R. Treatment of general paresis with combined electroparalysis and tryparsamide. Psychiat. Q., 1935, 9: 631-5.—Jolowicz, E. Ueber Behandlungsversuche mit Natrium nucleicum und Salvarsan bei progressiver Paralyse, unter besonderer Berücksichtigung der Veränderungen des Liquor cerebrospinalis. Neur. Zbl., 1913, 32: 210-7.—Kaiser, N. W., & Amdur, M. K. The malarial and tryparsamide treatment of paresis. Ohio M. J., 1927, 23: 656-62.—Kibler, O. A. The value of intensive treatment with tryparsamide and mercury in general paralysis. Illinois M. J., 1931, 59: 117-9.—Kimbell, I. The treatment of general paralysis of the insane; combined therapy with malarial treatment. U. S. Veterans Bur. M. Bull., 1929, 5: 501-6.—Larue, G. H. Résultats obtenus chez les paralytiques généraux traités par la malarithérapie seule et par la malarithérapie associée à la chimiothérapie. Laval méd., 1939, 4: 45-50.—Leanza, A. Terapia malarica ed arsenobenzolica a forti dosi della paralisi progressiva. Osp. psichiat., Nap., 1935, 3: 274-86, ch.—Leroy, Médakovich & Prieur, M. Traitement de la paralysie générale par la malarithérapie suivie d'un traitement spécifique mixte à haute doses. Ann. méd. psychol., Par., 1928, 86: pt 2, 416-34.—Lois, B. Un caso de parálisis general progresiva tratado con el tartro-bismutato sódico y con la vacuna de Nicolle. Arch. med., Madr., 1928, 29: 735.—Lynch, O. R., & Singleton, D. E. Treatment of general paralysis (a comparison of 18 cases of general paralysis treated with induced tertian malaria, arsenicals, and mercury with the same number of cases treated with arsenicals and mercury) J. Indiana M.

- Ass., 1930, 23: 484-6.—Mays, J. R. S., Oden, J. W., & Cox, C. G. Malaria therapy in dementia paralytica; a statistical and sociological study of 300 cases treated with tertian or quartan malaria and trypanamide over a 7-year period. *South. M. J.*, 1940, 33: 255-60.—Montaur, H., & Targowla, R. Evolution d'un cas de paralysie générale traité par la chimiothérapie spécifique, la malariathérapie et la pyrétothérapie, vaccin antichancereux. Discuss. Congr. dermat. syph. fr., 1929, 4. Congr., 188.—Pascal, Abramovitz, R., & Briau. Amélioration rapide d'une paralysie générale cachectique et gâtée par le stovarsol associé au dmoclos (vaccin antichancereux de Nicolle). *Ann. méd. psychol.*, Par., 1928, 86: 222-6.—Paulian, D., & Tănăsescu, G. [Permeability of the meninges before and after vaccination in general, progressive paralysis treated with intramuscular injections of pentavalent arsenic salts] România med., 1935, 13: 249.—Ramsay, J. C. Intensive antisyphilitic treatment following induced malaria in 19 cases of general paralysis. *J. Ment. Sc.*, Lond., 1930, 76: 82-4.—Rousset, S., & Tassovatz, B. Evolution cytologique du L. C. R. dans la paralysie générale traitée par la malaria et la chimiothérapie. *Encéphale*, 1935, 30: 40-54.—Schnitker, M. T. Treatment of dementia paralytica with typhoid H antigen vaccine; report of 25 cases in which fever therapy combined with the administration of trypanamide was used. *Arch. Neur. Psychiat.*, Chic., 1934, 31: 579-89.—Sézary & Barbé. Sur le mode d'action de la malaria et du stovarsol dans la paralysie générale. Discuss. Congr. dermat. syph. fr., 1929, 4. Congr., 202-5.—Sze, S. de, Lipschutz, I., & Sérané, J. Disparition du signe d'Argyll-Robertson chez un paralytique général traité par l'impaludation et le stovarsol. *Progr. méd.*, Par., 1938, 1062.—Sicard, J., Haguenau, J., & Bize, R. Traitement de la paralysie générale par la trypanamide et la pyrétothérapie réglée. C. rend. Congr. allén. neur. France, 1928, 32. Congr., 359-65.—Sierra, A. M. En torno al tratamiento de la parálisis general progresiva; paludismo experimental y sales de bismuto. *Rev. As. méd. argent.*, 1924, 27: Soc. neur. psiquiat., 156-62.—Solomon, H. C., & Epstein, S. H. Experiments with trypanamide, malaria and diathermy. *Abstr. Papers Annual Fever Conf.*, Dayton, 1935, 5: 35. General paresis: treatment by trypanamide—induced fever sequence. *Am. J. Syph.*, 1936, 20: 281-95.
- Treatment: Diathermy.
See also subheading Treatment: Fever therapy.
- Claude, H., & Coste, F. Paraplégie en flexion d'origine cérébrale chez un paralytique général traité par les ondes courtes. *Ann. méd. psychol.*, Par., 1936, 94: 611-3.—DuBois, P. H. Improvement in mental functions as the result of the treatment of general paralysis by radiothermy. *Psychol. Bull.*, 1933, 30: 566.—Hinsie, L. E., & Blalock, J. R. Treatment of general paralysis by radiothermy. *Psychiat. Q.*, 1932, 6: 191-212.—King, K. F. Nursing care in the treatment of general paralysis by radiothermy. *Am. J. Nurs.*, 1932, 32: 1121-9.—Marie & Medakovich. Le traitement de la paralysie générale par la haute fréquence à ondes courtes. *Arch. internat. neur.*, Par., 1933, 23. ser., 1: 57-65.—Wagner-Jauregg. Ueber die Behandlung der progressiven Paralyse mit kurzwelligen Hochfrequenzströmen. *Wien. med. Wschr.*, 1934, 84: 11-4.
- Treatment: Effect.
CHOSSUT-PERRET, G. *Accidents de la ponction lombaire chez les paralytiques généraux. 45p. 8°. Montpel., 1912.
- KRÖMER, O. *Zur Frage: Paralysetherapie und Liquordiagnostik. 24p. 8°. Bresl., 1931.
- Chatagnon, P. A., & Chatagnon, C. L'évolution de la paralysie générale progressive est-elle modifiée par les thérapeutiques modernes? *Presse méd.*, 1937, 45: 800.—Ciafaloni, G. Crisi epilettiformi ed apoplettiformi nei paralitici progressivi in rapporto ai metodi terapeutici adottati. *Neopsichiatria*, Pisa, 1939, 5: 535-96.—DeArmond, A. M. The serological outcome of the first 100 paretics treated from 1925 to 1927. *Indianapolis M. J.*, 1930, 33: 735-7.—Dujardin, R., & Vermeylen, G. Les troubles psychiques chez les paralytiques généraux sérologiquement guéris. *Ann. méd. psychol.*, Par., 1937, 95: pt 2, 469-81.—Epstein, S. H., & Solomon, H. C. The effect of treatment on the mental level of patients with general paresis. *Am. J. Psychiat.*, 1938-39, 95: 1181-92.—Francesco, G. Il ricupero dell'autocontrollo nei paralitici curati. *Fisiol. & med.*, Roma, 1935, 6: 637-58.—Froment, J., & Christuy. Le test des mots d'épreuve par écrit—avant et après impaludation et stovarsol. *Rev. neur.*, Par., 1933, 40: 1205.—Kryspin-Exner, W. Kasuistische Beiträge zu den Verlaufsförmern und zum histologischen Bilde der behandelten progressiven Paralyse. *Arch. Psychiat.*, Berl., 1936, 105: 162-90.—López Ibor, J. Syphilitische Gummata nach Paralysebehandlung. *Deut. med. Wschr.*, 1936, 62: 69.—Maletz, L., & Solomon, H. C. Spinal fluid reaction in general paresis as modified by a combination of therapeutic malaria and trypanamide. *Am. J. Syph.*, 1937, 21: 287-302.—Rêquet, A., & Turin, J. Les délirés secondaires au traitement de la paralysie générale: phénoménologie et thérapeutique. *Ann. méd. psychol.*, Par., 1938, 96: 298-310.—Rousset, S., & Tassovatz, B. Evolution cytologique du L. C. R. dans la paralysie générale traitée par la malaria et la chimiothérapie. *Strasbourg méd.*, 1934, 94: 492-6.—Saunders, A. M. Brain structure and blood changes after treatment in general paralysis. *J. Lab. Clin. M.*, 1927-28, 13: 413-5.—Schmidt, G. [Effect on cerebrospinal fluid of treatment of progressive paralysis] *Orvostud. közl.*, 1940, 1: 121.—Vallejo Nágera, A. La calificación de las remisiones terapéuticas de la parálisis progresiva. *Med. ibera*, 1927, 21: pt 2, 185-90.—Zevi, V., & Sabatini, G. La reazione delle urine dei dementi paralitici trattate col liquore di Bellostio. *Bull. Accad. med. Roma*, 1911, 37: 107-12.
- Treatment: Endocrine, and organotherapy.
COULÉON CADERAS, M. *Les ictus de la paralysie générale; leur traitement par l'extrait du lobe postérieur de l'hypophyse. 74p. 8°. Par., 1935.
- Beringer, K. Die Paralysebehandlung mit endolumbaler Hirnlipoidinjektion. *Mscr. Psychiat.*, 1931, 79: 177-94.—Galenko, V. E. [Catamnesis of patients in therapy of general paralysis by brain lipoids] *Sovet. nevropat.*, 1935, 4: No. 8, 31-44.—Khoroshko, V. K., Galenko, V. E. [et al.] [Curative properties of lipocerebrin in general paralysis] *Sovet. klin.*, 1931, 15: 254-71.—Livschitz, J. G. [Treatment of progressive paralysis with lipoids] *Klin. med.*, Moskva, 1926, 4: 295-300. Also *Zschr. ges. Neur. Psychiat.*, 1926, 104: 570-85.—Mazza, A. Comportamento della reazione di Wassermann nei paralitici progressivi trattati con iniezioni di lecitina. *Riv. sper. freniat.*, 1925-26, 49: 623-8.—Zhukov, N. A. [Lecithin in progressive paralysis] *Sovrem. psikiat.*, 1909, 3: 385-91.
- Treatment: Fever therapy.
See also subheading Treatment: Malariotherapy.
- SOBE [E. E.] K. *Beitrag zur Beeinflussung der progressiven Paralyse durch Fieberbehandlung [Leipzig] 38p. 8°. [Zeulenroda, 1930]
- WITZKY, H. *Ueber die theoretischen Grundlagen der Fieberbehandlung der progressiven Paralyse [Bonn] 24p. 8°. Neuwied [1934]
- Anglade, R. La pyrétothérapie dans le traitement de la paralysie générale. *Monde méd.*, 1929, 39: 925-7.—Ciarla, E. Malarioterapia e proteinoiterapia della paralisi progressiva; utilità di un metodo combinato. *Q. psichiat.*, Genova, 1929, 16: 52-66.—Eddison, H. W. Problems of pyretotherapy in paralytic dementia. *J. Ment. Sc.*, Lond., 1930, 76: 66-81.—Harris, N. G., & Hicks, J. A. B. The treatment of general paralysis of the insane by malaria and sulphur. *Lancet*, Lond., 1932, 2: 384-8.—Hoverson, E. T. A case of hyperpyrexia (110.5°) in artificial fever therapy. *Am. J. M. Sc.*, 1933, 186: 557.—Morrow, G. W., & Hawthorne, R. O. Treatment of general paresis by typhoid vaccine and the electric cabinet. *Illinois M. J.*, 1933, 63: 252-8.—Ketel, A. P. [Artificial fever therapy in dementia paralytica] *Psychiat. neur. bl.*, Amst., 1939, 43: 547-67, ch.—King, J. Fever therapy in paresis. *Virginia M. Month.*, 1934, 60: 720-3.—Mackenzie, J. M. The treatment of general paralysis of the insane by pyretotherapy. *Brit. J. Vener. Dis.*, 1929, 5: 95-101.—Meco, O. Sul meccanismo della piretoterapia nella paralisi progressiva. *Riv. pat. nerv.*, 1934, 43: 488-95.—Milizin, V. [Artificial hyperthermia in progressive paralysis] *Klin. med.*, Moskva, 1927, 5: 693-700.—Montassut, M. Indications techniques et résultats de la pyrétothérapie de la paralysie générale. *Bull. méd.*, Par., 1935, 49: 598-602.—Morhardt, P. E. Le traitement de la paralysie générale par la pyrétothérapie. *Vie méd.*, 1928, 9: 1395-401.—Mühls, P. Ueber die Fieberbehandlung der progressiven Paralyse. *Neurotherapie*, Amst., 1923, 4: 1-28.—Natrass, F. J. Fever treatment of G. P. I. *Brit. M. J.*, 1939, 2: 1243.—Perkins, C. T. Hyperthermia in dementia paralytica. *Arch. Phys. Ther.*, 1933, 14: 461-8.—Perry, J. G. The treatment of general paresis with special reference to fever therapy. *Texas J. M.*, 1933, 29: 16-9.—Ranschburg, P. [Pyretotherapy in progressive paralysis] *Orv. hetil.*, 1931, 75: 673-80.—Robinson, G. W., jr., & Johnson, P. A. Hyperpyrexia in the treatment of dementia paralytica. *J. Missouri M. Ass.*, 1932, 29: 121-5.—Saucier, J. La pyrétoterapia dans la paralysie générale; les dernières acquisitions: le soufre et la diathermie. *Union méd. Canada*, 1931, 60: 247-52.—Sciuto, S. Cura della paralisi progressiva e della sclerosi a placche con la piretoterapia. *Terapia*, Milano, 1930, 20: 202-4.—Sheahan, A. A. Hyperpyrexia in general paresis. *Physiother. Rev.*, 1935, 15: 189-91.—Sicard & Haguenau. Paralyse générale et pyrétoterapia. *Médecine*, Par., 1927-28, 1082-6.—Stein, L. Die Fieberbehandlung der Paralyse. *Fortsch. Ther.*, 1925, 1: 816.—Van der Elst, R. Le traitement de la paralysie générale par les agents pyrétyques. *Évolut. théor.*, 1926, 7: 345-7.—Vock, H. Internistische Erfahrungen bei Durchführung der Malaria- und Pyriterbehandlung. *Arch. Psychiat.*, Berl., 1937-38, 107: 658-68.—Wilgus, S. D., & Kuhns, R. H. A study of fever producing agents for treatment of general paresis. *Arch. Phys. Ther.*, 1933, 14: 455-61.—Würz, P. Ueber die Fieberbehandlung der progressiven Paralyse. *Schweiz. med. Wschr.*, 1927, 57: 217.

— Treatment: Fever therapy: Chemicals.

LIEHR, W. *Ueber eine Fieberbehandlung der progressiven Paralyse mit einem unspezifischen Reizmittel (Pyriker) [Freiburg] 36p. 8°. Neisse, 1925.

YAHN, M. *A sulfopiretoterapia na paralisia geral progressiva; contribuição para o seu estudo. 157p. 8°. S. Paulo, 1933.

Armenise, P. Ulteriore contributo alla piretoterapia chimica nella paralisi progressiva ed in altre malattie del nervasse (zulfoterapia ad modum Knud Schröder) Riv. pat. nerv., 1930-31, 35: 326-50.—Belezky, W. K. Morphologische Analyse der Mesenchymreaktion bei der mit Sulfosin behandelten progressiven Paralyse. Acta med. scand., 1934, 83: 53-78.—Cabitto, L. Le iniezioni endorachidee di bismuto a seopo piretogeno per la cura della paralisi progressiva. Osp. maggiore Novara, 1933, 10: 87-90.—Casavola, A. La piretochemioterapia contemporanea nella paralisi progressiva. Riv. sper. frenat., 1937, 61: 1063. Also Osp. psichiat., Nap., 1938, 6: 689-98.—Csekey, L., & Oppe, S. [Pyrago treatment of dementia paralytica] Orv. hetil., 1936, 80: 214-7.—De Paoli, P. Considerazioni su due casi di paralisi generale progressiva in indigeni eritrei e sul loro trattamento endorachideo con bismuto colloidale. Riv. sper. frenat., 1930-31, 54: 53-64.—Drabkin, M. A. [Treatment of progressive paralysis with sulphur] Vrach. gaz., 1930, 34: 24-8.—Haas, J. [Pyriker in treatment of general paralysis] Cas. lek. česk., 1933, 72: 846-8.—Harris, N. G. Treatment of general paralysis of the insane by injection of sulphur. Lancet, Lond., 1930, 1: 1068.—Hendriksen, V. Ueber Sulfosinbehandlung bei Dementia paralytica. Acta psychiat. neur., Kbh., 1932, 7: 217-31.—Israelovich, Z. 1. [Treatment of progressive paralysis with sulphur injections] Vrach. gaz., 1930, 34: 22-4.—Jacobsen, O., & Smith, J. C. [Sulfosin therapy] Ugesk. læger, 1929, 91: 877-86.—Janson. Fieberbehandlung mit Pyriker. Vereinsbl. pfälz. Aerzte, 1929, 41: 241-4.—Kairiukstis, J. Schwefel- und Benzinbehandlung als Reiztherapie der Paralyse. Psychiat. neur. Wschr., 1931, 33: 481-3.—Küffner. Ueber Erfahrungen mit einem neuen Paralysemittel. Allg. Zschr. Psychiat., 1926, 85: 105.—Laptain, J. H. R. Pyrexial treatment of G. P. I. with sulfosin. Lancet, Lond., 1931, 1: 635.—Légrand, E. Le traitement de la paralysie générale par le soufre liposoluble. Union méd. Canada, 1933, 62: 199-204.—Levaditi, C. Pinard, M., & Even, R. Essai de traitement de la paralysie générale par le soufre liposoluble. Bull. Soc. méd. hôp. Paris, 1931, 3. ser., 47: 1134-8.—Marcuse, H., & Kallmann, F. Zur Sulfosinbehandlung der Paralyse und Schizophrenie. Nervenarzt, 1929, 2: 149-53.—Meyer, F. Fieberbehandlung der progressiven Paralyse mit Pyriker. Psychiat. neur. Wschr., 1928, 30: 501-5.—Patterson, W. G., & Switzer, S. R. L. Sulfosin therapy in general paralysis of the insane. Lancet, Lond., 1930, 2: 348.—Read, C. F. Sulphur in the fever treatment of paresis. Illinois M. J., 1931, 59: 21-3.—Rodd, E. S. [Sulphur in treatment of general paralysis] Sovet. psikhonevr., 1933, 9: 64-7.—Schroeder, K. Ueber Schwefelbehandlung der Dementia paralytica und anderer metaluetischer Affektionen des Zentralnervensystems. Klin. Wschr., 1927, 6: 2189-91. Also Acta med. scand., Suppl., 1928, H. 26, 425-41. — The sulfosin treatment of general paralysis, and other disorders. Lancet, Lond., 1929, 2: 1081-3. — Sulphosin, das Mittel zur Verdrängung der Infektionstherapie der Dementia paralytica. Psychiat. neur. Wschr., 1929, 31: 333-6. — Le traitement par le soufre (sulfosine) de la paralysie générale et de quelques autres maladies syphilitiques ou non du système nerveux central. Ann. méd. psychol., Par., 1930, 88: pt 2, 190-7.—Vanelli, A. Il metodo Mariotti e la piretoterapia sulfurea nella cura della paralisi progressiva. Rass. stud. psichiat., 1934, 23: 329-46.—Zarcinas, A. [Pyriker in treatment of general paralysis] Medicina, Kaunas, 1933, 14: 653-6.

— Treatment: Fever therapy: Effect.

BRINER, O. *Ueber den Verlauf der progressiven Paralyse ohne und mit Fieberbehandlung; katamnestiche Untersuchungen an den Patienten der psychiatrischen Klinik Zürich von 1903-29 [Zürich] p.792-816. 8°. Berl., 1930.

Also Zschr. ges. Neur. Psychiat., 1930, 128:

KLÄHR, C. *Untersuchung über das Verhalten der Blutgruppen bei Impfmalaria und Recurrens bei Paralyse [Erlangen] 32p. 8°. Niesky, 1931.

KNOPP, T. *Verlaufsänderung von Paralyse nach Fieberbehandlung [Bonn] 51p. 8°. Bochum, 1926.

Fattovich, G. Ricerche istopatologiche sulla nevrogia nella paralisi progressiva tratta con vari metodi piretogeni. Osp. psichiat., Nap., 1934, 2: 587-634.—Goria, C. Sulle variazioni della sindrome psichica nei paralitici generali successive al trattamento piretogeno; studio comparativo colle analoghe sindromi ad eziologia ignota. Rass. stud. psichiat., 1931, 20: 412-82.—Hakim, A. Un cas de P. G. confusionnelle avancée

et améliorée de la pyrothérapie artificielle. Rev. prat. mal. pays chauds, 1938, 18: 332-6.—Hinsie, L. E., & Blalock, J. R. Serological observations in general paralysis of the insane following artificial fever therapy; a 12-year survey. Fever Ther., N. Y., 1937, 131-3.—Kohler, E. v. La paralysie générale et le changement de son syndrome typique en d'autres formes de psychoses atypiques à la suite de la leucopyréthérapie. Rev. méd. Suisse rom., 1931, 51: 528-56.—Lehoczy, T. Ueber die pathologischen Veränderungen des Nervengewebes nach Fieberbehandlung. Arch. Psychiat., Berl., 1935-36, 104: 344-54.—Ligterink, J. A. T., & Simons, C. H. [Atypical aspects of dementia paralytica after fever therapy] Ned. tschr. geneesk., 1935, 79: 1219-33.—Mcco, O. Il tono vegetativo nella paralisi progressiva (contributo allo studio del meccanismo terapeutico pireto-specifico) Riv. pat. nerv., 1933, 42: 533-51. — La formula leucocitaria nella paralisi progressiva (contributo allo studio del meccanismo terapeutico pireto-specifico) Rass. stud. psichiat., 1934, 23: 74-96. — Le variazioni della R. Wassermann nel trattamento della paralisi progressiva (contributo allo studio del meccanismo terapeutico pireto-specifico) Ibid., 97-114, 3. ch.—Pamboukis, G., & Codounis, A. L'influence de la pyrothérapie sur un cas de paralysie générale avec kératite et ulcération de la cornée; effet favorable immédiat sur les lésions oculaires. Bull. Soc. méd. hôp. Paris, 1939, 3. ser., 55: 27-31.—Perkins, C. T. Hyperthermia in dementia paralytica; blood chemistry studies. N. England J. M., 1931, 205: 374-8.—Sackett, D. L., & Turner, A. W. The effect of hyperpyrexia upon the phosphorus partition of whole blood in paresis. J. Lab. Clin. M., 1934, 19: 1045-9.—Salas, J., & Solis, J. Las modificaciones serológicas en la parálisis general con la piroterapia. Arch. neurob., Madr., 1933, 13: 849-70.—Warstadt, A. Ein Fall von progressiver Paralyse mit paranoid-halluzinatorischem Zustandsbild nach spontan aufgetretenen fieberhaften Erkrankungen. Arch. Psychiat., Berl., 1929-30, 89: 65-71.

— Treatment: Fever therapy: Electroprexia.

HINSIE, L. E., & BLALOCK, J. R. Electroprexia in general paralysis. 90p. 8°. Utica, N. Y., 1934.

Bosch, G., & M6, A. Tratamiento de la parálisis gen. progresiva por la diatermia. Sem. méd. B. Air., 1931, 38: pt 2, 1462-7.—Cabitto, L. La febbre diatermica nella cura della paralisi progressiva. Osp. maggiore Novara, 1935, 13: 185-90.—Cortesi, T. Iperpiressia diatermica (metodo Neymann) nella cura della paralisi progressiva. Ann. nev., Nap., 1932, 45: 1-32. Also Rass. stud. psichiat., 1933, 22: 503-27. — Nuovo contributo alla piretoterapia diatermica della paralisi progressiva. Riv. pat. nerv., 1934, 43: 382-97. — & Fattovich, G. Sull'azione fisiologica della piresia diatermica nei paralitici; ricerche sull'urina e sul sangue; esplorazione sul sistema R. E. Note psichiat., Pesaro, 1933, 62: 379-97. Also Riv. pat. nerv., 1934, 43: 397-411.—Cullins, J. G., Morgan, H. P., & Seymour, W. Super-diathermy in the treatment of dementia paralytica. Med. Bull. Veterans Admin., 1934-35, 11: 217-22.—Epstein, S. H., Solomon, H. C., & Kopp, I. Results of treatment of dementia paralytica with fever induced by diathermy. Arch. Nerv. Psychiat., Chic., 1936, 36: 891. Also J. Am. M. Ass., 1936, 106: 1527-33.—Fong, T. C. C. The diathermy treatment of dementia paralytica. Med. Rec., N. Y., 1936, 143: 386.—Freeman, W., Fong, T. C., & Rosenberg, S. J. The diathermy treatment of dementia paralytica; microscopic changes in treated cases. J. Am. M. Ass., 1933, 100: 1749-53. Also repr.—Gordon, G. J. General paresis: treatment with diathermy. Delaware M. J., 1935, 7: 102; 1937, 9: 80.—Graham, N. B. Some remarks on the treatment of general paralysis by diathermy. J. Ment. Sc., Lond., 1933, 79: 89-93. Also Brit. J. Phys. M., 1934, 8: 157-60.—Hinsie, L. E. Radiothermische Behandlung der progressiven Paralyse. Wien. klin. Wschr., 1931, 44: 696-9. — & Blalock, J. R. Leucocytes in general paralysis treated by radiotherapy. Psychiat. Q., 1931, 5: 432-40, pl. — Treatment of general paralysis by ultra high-frequency heating. N. York State J. M., 1936, 36: 1951-4.—Hinsie, L. E., & Carpenter, C. M. Radiothermic treatment of general paralysis. Psychiat. Q., 1931, 5: 215-24, pl.—Hoverson, E. T. The use of the electric cabinet as the source of heat for the production of artificial fever in the treatment for general paresis and chorea. Abstr. Papers Annual Fever Conf., Dayton, 1935, 5: 97.—King, J. C., & Cocke, E. W. Therapeutic fever produced by diathermy, with special reference to its application in the treatment of paresis. South. M. J., 1930, 23: 222-8.—Kuhns, R. H. The treatment of general paresis by electroprexia. Arch. Phys. Ther., 1934, 15: 725-8.—Ladame, C., Morel, F., & de Montmollin, R. Traitement de la paralysie générale par l'électroprexie. Rev. méd. Suisse rom., 1934, 54: 429-38.—McKay, H. A., Gray, K. G., & Winans, W. C. Diathermy in treatment of general paresis. Am. J. Psychiat., 1932, 12: 531-9.—Milittine, V. A. [Neurosyphilis, and progressive paralysis; use of diathermy] Klin. med., Moskva, 1928, 6: 356-8.—Neymann, C. A. The treatment of general paresis with diathermy. Am. J. Nurs., 1931, 31: 17-23. Also Gae. méd. México, 1931, 62: 179-90. — Erzeugung künstlichen Fiebers und die Behandlung der Dementia paralytica mit diathermischen Strömen. Zschr. ges. Neur. Psychiat., 1931, 132: 184-92. — & Osborne, S. L. The treatment of dementia paralytica, with hyperpyrexia produced by diathermy. J. Am. M. Ass., 1931, 96: 7-14

Also repr.—**Prior, G. P. U.** Diathermy in the treatment of general paralysis of the insane. *Med. J. Australia*, 1932, 2: 882-8.—**Schamberg, J. F., & Butterworth, T.** Diathermy in the treatment of general paralysis and in Wassermann-fast syphilis. *Am. J. Syph.*, 1932, 16: 519-34, 2 pl.—**Schiff, P., Missot, A., & Trelles, J. O.** Sur 3 cas de paralysie générale traités par la diathermie. *Ann. méd. psychol., Par.*, 1932, 90: 412-17.—**Wilgus, S. D., & Lurie, L.** The fever treatment of paresis by means of the diathermy current and the electric blanket. *Illinois M. J.*, 1931, 60: 341-4.—**Worthing, H. J.** Diathermy in the treatment of general paralysis. *Psychiat. Q.*, 1933, 7: 245-53, 3 pl.

— Treatment: Fever therapy: Induced infection.

See subheading Treatment: Artificial infection.

— Treatment: Fever therapy: Protein.

BONHOEFFER, K., & JOSSMANN, P. Ergebnisse der Reiztherapie bei progressiver Paralyse. 154p. 8°. Berl., 1932.

Jennings, W. B. Foreign protein intravenously in general paralysis; a clinical study. *Med. J. & Rec.*, 1927, 125: 799-801.—**Jossmann, P.** Erfolge der Reiztherapie bei progressiver Paralyse. *Allg. Zschr. Psychiat.*, 1931, 95: 321-49.—**Kairiukšis, J.** [Treatment of general paralysis by a new unknown method] *Medicina, Kaunas*, 1929, 10: 184-90. Also *Psychiat. neur. Wschr.*, 1929, 31: 363-6.—**Kunde, M. M., Hall, G. W., & Gerty, F. J.** Nonspecific protein therapy in general paralysis; preliminary report. *J. Am. M. Ass.*, 1926, 87: 1376.—**General paralysis; the effect of nonspecific protein therapy on the blood and spinal fluid.** *Ibid.*, 1927, 89: 1304-8.—**MacKenzie, J. M.** Pyrexia induced by intravenous protein therapy in general paralysis. *Lancet, Lond.*, 1927, 2: 223.—**Plaut, F.** Die Reizkörpertherapie der Paralyse. *Allg. Zschr. Psychiat.*, 1931, 95: 360-80.—**Urechia, C. I.** La pyréthérapie avec levure de bière dans la paralysie générale; le bilan de 5 ans. *Bull. Soc. méd. hôp. Paris*, 1929, 3. ser., 53: 1052-5.—**Zarcinas, A.** [Milk in treatment of general paralysis] *Medicina, Kaunas*, 1933, 14: 160-4.

— Treatment: Fever therapy: Results.

LORENT, J. W. *Ueber Endzustände bei fieberbehandelten nicht remittierten progressiven Paralyse. 41p. 8°. Bonn, 1930.

Luy, H. J. *Statistische Beiträge zur Remissionsfrage bei der Fieberbehandlung der progressiven Paralyse. 47p. 8°. Bonn, 1937.

ZSCHOCKE, O. E. *Statistik der ersten 10 Jahre Fieberbehandlung der progressiven Paralyse an der psychiatrischen Universitäts-Klinik Freiburg im Breisgau [Freiburg] 20p. 8°. Berl., 1933.

Blum, E., & Polstorff, F. Vergleichende klinische, serologische und pathologisch-anatomische Untersuchungsergebnisse an fieberbehandelten Paralytikern. *Arch. Psychiat., Berl.*, 1933, 99: 70-85.—**Briner, O.** Ueber den Verlauf der progressiven Paralyse ohne und mit Fieberbehandlung (kalamustische Untersuchungen an den Patienten der Psychiatrischen Klinik Zürich von 1903 bis 1929) *Zschr. ges. Neur. Psychiat.*, 1930, 128: 792-816.—**Centini, D.** Risultati a distanza sui paralitici progressivi trattati con cure piretogene in confronto a non trattati. *Rass. stud. psychiat.*, 1934, 23: 1103-38.—**Goldenberg, M. A., & Shifrina, A. A.** [Significance of artificial hyperthermia in therapy of general paralysis] *Sovet. psikhonev.*, 1933, 9: 70-5.—**Horn, L.** Vergleichende Nachuntersuchungen bei malaria- und rekurrensbehandelten Paralytikern. *Psychiat. neur. Wschr.*, 1928, 30: 336-9.—**Kuhns, R. H.** The present status of fever therapy for dementia paralytica in the State hospitals of Illinois. *Abstr. Papers Annual Fever Conf.*, Dayton, 1935, 5: 96.—**Mas de Ayala, I.** La piretoterapia en la parálisis general; consideraciones y resultados. *Arch. urug. med.*, 1938, 13: 686-96.—**Neymann, C. A., & Koenig, M. T.** Treatment of dementia paralytica; comparative therapeutic results with malaria, rat-bite fever and diathermy. *J. Am. M. Ass.*, 1931, 96: 1858-60. Also repr.—**Pasqualini, R.** Esiti a distanza della piretoterapia nella paralisi progressiva. *Osp. psychiat., Nap.*, 1934, 2: 49-96, ch. Also *Riv. sper. freniat.*, 1934, 58: 1422-5.—**Reker, H.** Ergebnisse der Fiebertherapie der progressiven Paralyse an der Münchener Psychiatrischen und Nerven-Klinik. *Arch. Psychiat., Berl.*, 1936-37, 106: 617-28.—**Zschocke, O. E.** Zehn Jahre Fieberbehandlung der progressiven Paralyse an der Psychiatrischen Klinik Freiburg. *Allg. Zschr. Psychiat.*, 1933, 100: 97-114.

— Treatment: Fever therapy: Vaccine.

Anglade. Les guérisons apparentes de la paralysie générale par la fièvre tuberculinique. *J. méd. Bordeaux*, 1929, 59: 140.—**Aymès, G.** Pyrétérapié subcontinue dans la paralysie générale par les injections intra-veineuses de vaccin antichancereux (méthode de Professeur Sicard) *Marseille méd.*,

1928, 65: pt 2, 617-24.—**Beaudouin.** Le traitement de la paralysie générale. *Ann. méd. psychol., Par.*, 1929, 87: 63-72.—**Combemale, P., & Vullien, R.** Résultats obtenus par la pyréthérapie réglée au Dmelcos chez 39 paralytiques généraux. *C. rend. Congr. alién. neur. France*, 1928, 32. Congr., 353-7.—**Cruveilhier, L., Sézary, A., & Barbé, A.** Essai de traitement de la paralysie générale par le vaccin antirabique. *Bull. Soc. méd. hôp. Paris*, 1933, 3. ser., 49: 299-302.—**Danaev, N. P.** [Tuberculin treatment of progressive paralysis] *Sovrem. psikhiat.*, 1912, 6: 805-9.—**D'Ormea, A., & Broggi, E.** Indicazioni ed importanza della piretoterapia vaccinica nella cura della paralisi progressiva. *Rass. stud. psychiat.*, 1931, 20: 153-87.—**Estévez Balado, L., & Duhourg, M.** Tratamiento de la parálisis general progresiva por la vacuna Dmelcos. *Rev. crim. psychiat., B. Air.*, 1928, 15: 559-69. Also *Respec.*, B. Air., 1928, 3: 258-66.—**Fabinyi, R.** Ueber die Saprovitanebehandlung der Paralyse. *Psychiat. neur. Wschr.*, 1927, 29: 21-3.—**Filtak, E.** Le modificazioni ematologiche provocate con l'iniezione endovenosa di Mixogon nella cura piletica della demenza paralitica. *Terapia, Milano*, 1930, 20: 165-8.—**Hoverson, E. T., Morrow, G. W., & Hawthorne, R. O.** The effect of typhoid vaccine on the erythrocyte count in dementia paralytica. *Illinois M. J.*, 1932, 62: 465.—**Jukov, N. A.** [Treatment of progressive paralysis with tuberculin injections by Wagner's method] *Russ. vrach.*, 1913, 12: 862-6.—**Kauders, O.** Erfahrungen mit der Saprovitanebehandlung bei progressiver Paralyse. *Munch. med. Wschr.*, 1928, 75: 1499-501.—**Lents, A.** [Tuberculin treatment of progressive paralysis; 8 cases] *J. nevropat. psikhiat.*, Moskva, 1914, 14: 336-41.—**Lépine, J., Bourrat, L., & Christy, H.** Paralysie générale et pyréthérapie réglée. *Lyon méd.*, 1928, 142: 595-7.—**O'Brien, J. D.** Oponons and the employment of therapeutic vaccines in the treatment of general paralysis of the insane. *Proc. Am. Med. Psychol. Ass.*, 1907, 5: 221.—**Pajak, J.** [Treatment of progressive paralysis with antirabic vaccine] *Lek. wojsk.*, 1936, 27: 25-32.—**Pap, Z.** Die Neosaprovitane-Behandlung der progressiven Paralyse und der Schizophrenie. *Arch. Psychiat., Berl.*, 1932, 97: 450. Also *Budapesti orv. ujs.*, 1933, 31: 49-54.—**Paulian, D., & Tanasesco, G.** La perméabilité des méninges avant et après la vaccinotherapie, dans la paralysie générale progressive, par rapport aux injections intramusculaires des sels pentavalents d'arsenic. *Bull. Soc. méd. hôp. Paris*, 1935, 3. ser., 51: 1300-2.—**Petrovich, F.** Die Behandlung der Paralyse progressiva mit Saprovitane. *Psychiat. neur. Wschr.*, 1928, 30: 468-71.—**Pilez, A.** Zur Tuberkulinbehandlung der progressiven Paralyse. *S. Petersb. med. Zschr.*, 1912, 37: 63.—**Poppi, U.** La cura della paralisi progressiva col vaccino tifico. *Bull. sc. med.*, Bologna, 1926, 10. ser., 4: 401-7.—**Roachsmith, C. E., & Stern, E. S.** General paralysis and its treatment by intravenous T. A. B. vaccine. *J. Neut. Sc.*, Lond., 1939, 85: 558-61.—**Ruzicka, A.** Ueber die Erfolge der Neosaprovitanebehandlung der progressiven Paralyse. *Psychiat. neur. Wschr.*, 1931, 33: 27-31.—**Schelm, G. W.** Typhoid vaccine in the treatment of general paralysis of the insane. *U. S. Veterans Bur. M. Bull.*, 1930, 6: 544-8.—**Sicard, Haguénau & Wallich.** Pyrétérapié réglée dans la paralysie générale par l'injection intraveineuse de vaccin antichancereux. *Presse méd.*, 1927, 35: 1121. Also *Rev. neur., Par.*, 1927, 34: pt 2, 61-3. Also *Biol. méd.*, Par., 1928, 18: 130-4.—**Siebert, H.** Ueber die Tuberkulinbehandlung der Paralyse. *Misch. Psychiat.*, 1916, Orig., 40: 230-8.—**Sierra, A. M.** La vacuna Dmelcos en el tratamiento de la parálisis general. *Actas Conf. lat. amer. neur.*, 1929, 1. Congr., 365-73. Also *Sem. méd.*, B. Air., 1929, 36: 633-7.—**Smalstys, A.** [The rôle of bovine vaccine in progressive paralysis] *Medicina, Kaunas*, 1927, 8: 42-4.—**Szedlák, O.** [Treatment of progressive paralysis with tuberculin uncombined with antitoxic treatment] *Orv. hetil.*, 1914, 58: 109-11.—**Ventra, D.** Contributo alla proteintoterapia endovenosa della paralisi progressiva con vaccino antipirogenico misto. *Manicomio*, 1929, 42: 87-94.—**Villacián, J. M.** Piretoterapia por vacuna Dmelcos en cuatro casos de parálisis general. *Med. ibera*, 1929, 24: 97-9.—**Wachsmann, A.** [Results of tuberculin treatment of progressive paralysis] *Orv. hetil.*, 1913, 57: 486-9.—**Wagner von Jauregg, J.** Ueber Tuberkulininjektionen bei progressiver Paralyse. *Verh. Ges. deut. Naturforsch.* (1909) 1910, 81: 2. Teil, pt 2, 201.

— Treatment: History.

Bériel, L. Les données récentes sur la paralysie générale et la recherche d'une thérapeutique. *Lyon méd.*, 1914, 122: 39; 84.—**Ikhtemann, M.** Contribution à la question de la priorité du Dr Rosenblum dans la nouvelle méthode du traitement de la paralysie générale. *Ann. mal. vénér.*, 1925, 20: 561-5.—**Mauriac, P.** Les véritables promoteurs du traitement de la paralysie générale par le paludisme. *J. méd. Bordeaux*, 1926, 56: 322-4.—**Woodman, R.** Management and treatment of general paresis during the past 50 years. *Hahnemann. Month.*, 1926, 61: 460-5.

— Treatment: Malariotherapy.

See also subheadings Treatment: Artificial infection; Treatment: Fever therapy.

CAMARGO PACHECO, V. DE. *A malariotherapia na paralyia geral progressiva (trabalho feito no Hospital de Juquery) 64p. 8°. S. Paulo, 1928.

GERSTMANN, J. Die Malariabehandlung der progressiven Paralyse. 2. Aufl. 309p. 8° Wien, 1928.

Also Seuchenbekämpfung, 1924, 1: 2-10.

KASPEREK, G. K. *Ein Beitrag zur Behandlung der progressiven Paralyse mit Malaria [Breslau] p.586-601. 8° Berl., 1926.

Also Zschr. ges. Neur. Psychiat., 1926, 106:

LEROY, R., & MÉDAKOVITCH, G. Paralyse générale et malariathérapie. 480p. 8° Par., 1931.

RUDOLF, G. DE M. Therapeutic malaria. 223p. 8° Lond., 1927.

VARGAS VÁSQUEZ, T. *La malariathérapie de la paralyse générale [Genève] 62p. 8° Lyon, 1929.

WARSTADT, A. *Die Malariabehandlung der progressiven Paralyse [Erlangen] 73p. 8° Halle, 1925.

WHITE, W. A. The malarial therapy of paresis. p.298-343. 8° Phila., 1932.

Also Internat. Clin., 1931, 41. ser., 3: 298; 4: 41. Also repr.

Alvarez Sainz De Aja, E., & Bertolotti, R. La inoculación de paludismo en la parálisis general progresiva. Med. iber., 1930, 26: 473-83.—Archambault, G., & Marin, A. Traitement de la paralyse générale par la malaria. Union méd. Canada, 1927, 56: 630-4.—Askgaard, V. [Malarial treatment of dementia paralytica] Ugeskr. læger, 1927, 89: 231-3.—B., A. D. Malarial therapy in general paralysis. Canad. M. Ass. J., 1929, 21: 586.—Back, F. Malarial treatment of general paralysis. Med. Press & Circ. Lond., 1930, 193: 422-4.—Bahr, M. A. Malaria therapy of paresis. J. Indiana M. Ass., 1926, 19: 481-6. Also Med. Leg. J., 1926, 43: 51-4.—Baker, J. N. Malaria and paresis. J. M. Ass. Alabama, 1933, 2: 353.—Balado, L. E., & d'Oliveira Estêves, J. V. La malarioterapia en la parálisis general progresiva. Rev. crim., B. Air., 1929, 16: 431-51.—Bailly, H. W. The malarial treatment of general paralysis. Med. J. & Rec., 1927, 126: 269. Also Practitioner, Lond., 1927, 119: 382-7.—Bendixen, K. [Malaria treatment of general paralysis] Norsk mag. lægevid., 1932, 93: 539-61.—Bondy, H. [Malarial therapy in progressive paralysis] Cas. lek. česk., 1924, 63: 1671; 1699.—Bosch, G., & M6, A. La malarioterapia en la parálisis general. Sem. méd., B. Air., 1926, 32: 25-35.—Brackin, H. B. Treatment of general paralysis (with special reference to malaria treatment) J. Tennessee M. Ass., 1930, 23: 51-4.—Bunker, H. A., jr., & Kirby, G. H. The treatment of general paralysis by inoculation with malaria. Arch. Neur. Psychiat., Chic., 1926, 16: 182-204.—Claude, H. La malariathérapie de la paralyse générale. Rev. méd. fr., 1930, 11: 121-5.—Targowia, R., & Cénac, M. Le traitement de la paralyse générale par le paludisme expérimental. Ann. méd., Par., 21: 169-200.—Corcoran, D. Malaria in the treatment of general paralysis. State Hosp. Q., Alb., 1925-26, 11: 587-602.—Cura (La) malaria della paralisi progressiva. Pensiero med., 1924, 13: 497.—Dedichen, H. A. T. [A new attempt at treatment of paralysis] Norsk mag. lægevid., 1925, 86: 1335-9.—Delgado, H. F. Tratamiento de la parálisis general por el método de Wagner von Jauregg. Rev. crim., B. Air., 1921, 8: 550-71.—Demay, G., & Prugnaud, R. Les nouvelles méthodes de traitement de la paralyse générale: pyréthérapie; inoculation du paludisme. Bull. méd., Par., 1926, 40: 774-82.—De Sanctis, S. Demenza paralitica e malarioterapia. Rass. clin. sc., 1933, 11: 17-26.—Dobrotin, A. N. [Treatment of progressive paralysis with malaria] Klin. J. Saratov., 1928, 5: 551-9.—Donner, S. [Treatment of progressive paralysis by malaria] Fin. læk. säll. hand., 1925, 67: 8-25.—Doynne, C. R. Malaria in the treatment of general paralysis of the insane. J. Kansas M. Soc., 1926, 26: 388-90.—Ducoste, M. Cerebral impulsion. Arch. Neur. Psychiat., Chic., 1938, 40: 707-16.—Dunne, J. The malarial treatment of general paralysis. J. Ment. Sc., Lond., 1926, 72: 343-6.—Eager, R., Bainbridge, C. F. [et al.] Malarial treatment of general paralysis. Brit. M. J., 1928, 1: 1023-5.—Ellery, R. S. On the treatment of general paralysis of the insane by malaria. Med. J. Australia, 1926, 1: 401; 1927, 1: 647.—Falla Muñoz, A. La malarioterapia en la parálisis general. Colombia méd., 1939, 1: 394-9.—Ferraro, A., & Fong, T. C. C. The malaria treatment of general paresis. J. Nerv. Ment. Dis., 1927, 65: 225-59.—Fleming, G. W. T. H. The malarial treatment of general paralysis of the insane. Newcastle M. J., 1926-27, 7: 18-31.—Fribourg-Blanc, A. Le traitement de la paralyse générale par le paludisme provoqué. Progr. méd., Par., 1926, 41: 995-1002.—Geratovich. Ueber Malariatherapie bei Paralyse. Arch. Psychiat., Berl., 1926, 78: 64-92.—Glushkov, N. A. [Wagner's treatment in progressive paralysis] Sovrem. psikiat., 1912, 6: 785-805.—Golden, L. A. The role of malaria in general paresis. N. Orleans M. & S. J., 1930-37, 89: 694-7.—Goodwin, O. P. The treatment of dementia paralytica with inoculation malaria. Med. Bull. Veterans Admin., 1932, 8: 449-53.—Grant, A. R. The treatment of general paralysis by malaria. Brit. M. J., 1923, 2: 695-700.—& Silverston, J. D. General paralysis and the treatment by malaria

fever. J. Ment. Sc., Lond., 1926, 72: 192-201.—Harris, R. L. Treatment of general paralysis by inoculation with malaria. U. S. Veterans Bur. M. Bull., 1927, 3: 23; 1932, 8: 454.—Herman, I. [General paralysis: treatment with malaria] Vrach. gaz., 1927, 31: 1490-6.—Holmes, M. B. Malarial treatment of paresis. U. S. Veterans Bur. M. Bull., 1930, 6: 761-5.—Huber, K. Die Malariabehandlung der progressiven Paralyse. Aerztl. Rdsch., 1929, 39: 197-9.—Ichok, G. El tratamiento de la parálisis general por el paludismo experimental. Arch. med., Madr., 1926, 24: 395-403.—Jacoubovskaya, J. [Treating progressive paralysis by inoculation of malaria] J. nevropat. psikiat., Moskva, 1926, 19: 34-9.—James, S. P. Sur le traitement de la paralyse générale par l'inoculation du paludisme. Bull. Off. internat. hyg. pub., Par., 1926, 18: 1397.—Johnston, D. A. Malaria treatment of paresis. Ohio M. J., 1928, 24: 871-5.—Jongh, J. de [Malaria therapy in dementia paralytica] Ned. tsschr. geneesk., 1926, 70: 2083.—Kairiukštis, J. [Treatment of general paralysis with malaria inoculations] Medicina, Kaunas, 1929, 10: 180.—Kaltenbach, H. Die Malariabehandlung der Paralyse. Med. Welt, 1929, 3: 1188.—Kasperék, Die Malariabehandlung der progressiven Paralyse. Deut. med. Wschr., 1926, 52: 1578. Also Klin. Wschr., 1926, 5: 1682. Also Med. Klin., Berl., 1926, 22: 1430.—Kluge, W. The malarial treatment of dementia paralytica. J. M. Ass. S. Africa, 1928, 2: 385-8.—Lossius, I. Behandlung av dementia paralytica med malaria. Norsk mag. lægevid., 1927, 88: 25-37.—Lutario, A. Paralyse générale et paludisme. Bull. Off. internat. hyg. pub., Par., 1933, 25: 1769-71.—Macbride, H. J., & Carmichael, E. A. Malarial treatment of general paralysis of the insane. Lancet, Lond., 1924, 2: 959.—McFadden, J. F. Therapeutic malaria in general paresis. J. Missouri M. Ass., 1927, 24: 525-8.—McIntyre, H. D., & McIntyre, A. Malaria inoculation in the treatment of paresis. Ohio M. J., 1926, 22: 1028-30. Also repr.—Malarial inoculation for general paralysis of the insane. J. Trop. M. Hyg., Lond., 1934, 37: 282-4.—Marie, A. Traitement de la paralyse générale par le paludisme. Bull. Soc. méd. hôp., Paris, 1925, 3. ser., 49: 898.—Application de la malaria à la P. G. Arch. internat. neur., Par., 1929, 22. ser., 1: 67-75.—Meningner, W. C. The malarial treatment of paretic neurosyphilis. J. Kansas M. Soc., 1926, 26: 350-6.—Meyer, A. Malariabehandlung der Paralyse. Deut. med. Wschr., 1925, 51: 544.—Mingazzini, G. Terapia malarica della paralisi progressiva. Bull. Accad. med. Roma, 1927, 53: 60.—Moll, J. M. Malaria treatment of progressive paresis. S. Afr. M. Rec., 1924, 22: 288.—Mozgovoi, P. V., & Sobolevsky, R. V. [Progressive paralysis treated with malaria] Vrach. delo, 1925, 8: 1453-9.—Myerson, A. General paresis treated by inoculation of malaria organisms. Boston M. & S. J., 1927, 196: 177.—Nicol, W. D. The treatment of general paralysis by malaria. Brit. J. Vener. Dis., 1929, 5: 85-94. [Discussion] 102-9.—The relation of syphilis to mental disorder and the treatment of G. P. by malaria. Mag. London School M. Women, 1934, 29: 10-20.—Nicole, J. E., & Steel, J. P. Le traitement de la paralyse générale par la malaria. Encéphale, 1926, 21: 116-20.—Nobel-Vortrag von Julius Wagner-Jauregg in Stockholm am 13. Dezember 1927 gehalten. Sven. læk. säll. hand., 1928, 54: 137-44.—Nyir6, G. [Malaria therapy in general paresis] Gyógyászat, 1927, 67: 778-82.—Obbario, J. M., & Petre, A. J. Parálisis general progresiva. diabetes y malarioterapia. Sem. méd., B. Air., 1931, 38: pt. 2, 1989-93.—Pastrovich, L. La malarioterapia della paralisi progressiva. Gazz. osp., 1925, 46: 1009-12.—Pfister, O. Ueber Malariabehandlung der progressiven Paralyse. Schweiz. med. Wschr., 1926, 56: 391-3.—Pilcz, A. Le traitement moderne de la paralyse générale progressive selon la méthode de Wagner. Presse méd., 1914, 22: 97.—Wagner's new treatment of general paralysis. Lancet, Lond., 1923, 1: 19.—Plehn, Die Malariabehandlung der progressiven Paralyse. Deut. med. Wschr., 1924, 50: 1827.—Rabinovich, A. Malaria treatment of general paralysis. U. S. Veterans Bur. M. Bull., 1927, 3: 36-41.—Radovici, A. [Treatment of general paralysis with malaria inoculations] Rev. st. med., Bucur., 1926, 16: 273-87.—Ranschburg, P. [Malaria therapy in progressive paralysis] Orv. hetil., 1931, 75: 697-701.—Rhodes, F. L. General paralysis and the malarial treatment. Ohio M. J., 1933, 29: 700-5.—Ridgway, R. F. L. The malaria treatment of paresis. Pennsylvania M. J., 1935-36, 39: 329-34.—Rizzatti, E. Malaria treatment of general paralysis. Vener. Dis. Inform., 1928, 9: 307-20.—Rodríguez de la Cruz. Tratamiento de la parálisis general por la infección palúdica provocada. Rev. med. cir., Habana, 1930, 35: 638-46.—Roger, H. La malariathérapie de la paralyse générale. Prat. méd. fr., 1934, 15: 695-725.—Ruhberg, G. N. Paresis and malaria. Minnesota M., 1931, 14: 779-83.—Russman, C. Malaria treatment of general paralysis. Med. Times, N. Y., 1934, 62: 369-71.—Salazar, M. Tratamiento de la parálisis general por medio de la inoculación artificial del paludismo. Rev. san. mil., Madr., 1924, 3. ser., 14: 281-4. Also Siglo méd., 1924, 73: 561.—Schilling, C. Malariabehandlung der Paralyse. Arch. Schiffs. Tropenhyg., 1924, 28: 509-14.—Schjøtt, A. [Malarial inoculation] Med. rev., Bergen, 1927, 44: 395-403.—Schwidler, G. [Malaria therapy in progressive paralysis] Mosk. med. J., 1927, 7: 10, 32-41.—Senise, T. La cura della paralisi progressiva con la malaria inoculata. Cerebro, 1925, 4: 263-303.—Slioberg, J. La malariathérapie des paralytiques généraux. Rev. méd. Suisse rom., 1932, 52: 84-101.—Solomon, H. C., & Berk, A. Malaria in the treatment of general paresis. J. Nerv. Ment. Dis., 1926, 63: 253-8.—Solomonowicz, J. Le traitement de la paralyse générale par l'inoculation de la malaria. Arch. internat. neur., Par., 1926, 19. ser., 2: 180.—

Spaar, R. Die Behandlung der progressiven Paralyse (Gehirnerweichung) mit Malaria. Fortsch. Med., 1926, 44: 869-73.—Swierczek, S. [Malaria in treatment of general paralysis] Nowiny psychjat., 1933, 10: 26-63.—Téllez, C. La parálisis general y su tratamiento por la malaria. Repert. med. cir., Bogotá, 1925-26, 17: 607-36.—Tennant, T. The treatment of general paralysis by malaria. Postgrad. M. J., Lond., 1930, 5: 129-37.—Traitement de la paralyse générale par la malaria-thérapie. Prophyl. antivénér., Par., 1939, 11: 602-10.—Traut, E. F. General paresis: the malarial treatment. Illinois M. J., 1930, 58: 275-8.—Trombetti, E. Parálisis general progresiva e malarioterapia. Ann. med. nav., Roma, 1932, 38: pt 2, 425-69.—Trossarelli, A. Contributo alla conoscenza della terapia malarica nella parálisis progresiva. Policlinico, 1927, 34: sez. med., 94-104.—Turner, C. C. The treatment of general paresis by the inoculation of malaria. J. Tennessee M. Ass., 1926-27, 19: 122-7.—Unsworth, H. R. Malaria therapy in paresis. N. Orleans M. & S. J., 1928-29, 81: 367-73.—Malaria therapy in dementia paralytica. J. Am. M. Ass., 1930, 95: 772-1. Also repr.—Vallejo Nájera, A. Tratamiento de la parálisis progresiva mediante la malarioterapia. Med. ibera, 1927, 21: 1-6. — Malarioterapia y parálisis general. Progr. clin., Madr., 1929, 37: 253-6. — & González Pinto, R. Ueber Malariabehandlung der progressiven Paralyse. Deut. med. Wschr., 1928, 54: 521. Also Med. ibera, 1928, 22: 29-33.—Van Meter, F. J. Malarial treatment of general paresis. California West. M., 1935, 42: 366-70.—Vecchi, A. La malario-terapia nella cura della parálisis progresiva. Gazz. med. lombarda, 1935, 94: 175.—Wagner-Jauregg, J. Malaria inoculation. Vener. Dis. Inform., 1927, 8: 393-6. — Die Malariabehandlung der progressiven Paralyse. Wien. med. Wschr., 1928, 78: 19; 1931, 81: 1115.—Williams, C. F. The malarial treatment of general paralysis. J. S. Carolina M. Ass., 1927, 23: 415-9.—Worster-Drought, C., & Beccle, H. C. The treatment of general paralysis of the insane by malarial infection (preliminary note) Brit. M. J., 1923, 2: 1256.—Yorke, W. Malaria treatment of general paralysis of the insane. Lancet, Lond., 1926, 2: 427-31.

— Treatment: Malariotherapy: Accidents and untoward effects.

PRASZKIER, M. Les aggravations de la paralyse générale par la malariathérapie. 27p. 8°. Genève, 1930.

Adelheim, R. Akute Myeloblastenleukämie nach Impfmalaria bei progressiver Paralyse. Münch. med. Wschr., 1937, 84: 889.—Bachmann, F. Spontane Ruptur der Milz bei Impfmalaria. Ibid., 1926, 73: 528-30.—Brutsch, W. L. Malariazirrhose der Leber und deren Bedeutung für die Wirkungsweise der therapeutischen Malaria auf den histopathologischen Prozess bei progressiver Paralyse. Psychiat. neur. Wschr., 1929, 31: 443-6.—Gougerot, Degos, & Meyer-Hoene. Accidents fébriles et nerveux aigus mortels au cours de la malariathérapie; discussion de l'association d'une infection neurotrope à virus filtrant. Bull. Soc. fr. derm. syph., 1935, 42: 948-54.—Harris, N. G. A case of rupture of the spleen after artificial induction of malaria. Lancet, Lond., 1928, 2: 500.—Hayasaka, C. Im Verlauf einer Malariakur durch Bacillus enteritidis Gärtner entstandene Meningitis und Sepsis. Tohoku J. Exp. M., 1933, 21: 466-504.—Karnosh, L. J., & Williams, G. H., jr. Some unusual complications in malarial therapy. Ohio M. J., 1935, 31: 193-6.—Leven, K. Placentare Übertragung einer Impfmalaria von einer Paralytikerin auf das Kind. Mschr. Kinderh., 1931, 49: 46-53.—Ley, J., & Titeca, J. Spasmes oppositionnistes chez un paralytique général malarisé. J. belge neur. psychiat., 1940, 40: 153-9.—Materna, A. Leberschädigung durch Impfmalaria. Wien. klin. Wschr., 1931, 44: 1331-5.—Polak Daniels, L. [Serious condition after malaria treatment] Ned. tscr. genesk., 1935, 79: 4344-52.—Souques, A. Un cas de mort au cours de la malariathérapie chez un paralytique général. Rev. neur. Par., 1927, 34: 489.—Serafinov, B. N. Komplikationen bei Malariatherapie. Zschr. ges. Neur. Psychiat., 1932-33, 143: 539-41.—Trenel. Accidents de la malaria-thérapie dans la paralyse général; albuminurie et oedème généralisé. Bull. Soc. clin. méd. ment., Par., 1926, 14: 91-3.—Wagner-Jauregg. Bemerkungen zu den Leberschädigungen und Todesfällen nach Impfmalaria. Wien. klin. Wschr., 1931, 44: 1371.—Weygandt, W. Gefahren der Malariabehandlung. Allg. Zschr. Psychiat., 1926, 84: 442-50, pl.—Würz, P. Ueber die Malariabehandlung der progressiven Paralyse nebst einigen parasitologischen Bemerkungen. Zschr. ges. Neur. Psychiat., 1927, 108: 594-600.

— Treatment: Malariotherapy: Accidents and untoward effects, mental.

CARRIÈRE, R. [A. E.] *Schizophrenie im Verlauf malariabehandelter Paralyse und anderer chronischer Hirninfektionen [Leipzig] 28p. 8°. Berl., 1929.

Also Allg. Zschr. Psychiat., 1929, 91: 285-308.

HERRMANN, R. *Halluzinose-ähnliche Bilder im Anschluss an die Malariabehandlung bei

progressiver Paralyse [Würzburg] 30p. 20½cm. Erlangen, 1938.

KAGER, H. *Beitrag zur Kasuistik der paranoid-halluzinatorischen Zustandsbilder bei der progressiven Paralyse im Gefolge der Malariabehandlung. 28p. 23cm. Lpz., 1936.

KRAYENBÜHL, P. *Zur Halluzinose nach Malariabehandlung der Paralyse [Zürich] p.664-99. 8°. Berl., 1929.

Also Zschr. ges. Neur. Psychiat., 1929, 120:

KURZ, H. A. *Ueber paranoid-halluzinatorische Bilder bei Paralytikern vor und nach der Malariabehandlung. 44p. 22cm. Gött., 1935.

ZILLIG, G. *Untersuchungen über seelische Dauerstörungen bei defektheilten Paralytikern nach Malariabehandlung. p.479-545. 8°. Würzb., 1935.

Also Arch. Psychiat., Berl., 1933-34, 101:

Barbeau, A. Transformations psychiques du syndrome mental chez des paralytiques généraux malarisés. Union méd. Canada, 1932, 61: 266-75.—Barison, F. Classificazione ed analisi degli onirismi e descrizione degli stati oniroidi nella parálisis progresiva malarizada. Riv. sper. freniat., 1936, 60: 217-70.—Bertolani, A. Sindromi schizofreniche in paralitici progressivi curati con la malaria. Cervello, 1929, 8: 16-31.—Buvat, J. B., & Villey-Desmeserets, G. Hallucinoze chez un paralytique général avec tabès, à la suite d'un traitement par la malaria réinoculée 2 fois. Bull. Soc. clin. méd. ment., Par., 1930, 18: 26-8.—Claude, H., & Masquin, P. Les accidents épileptiques tardifs chez les paralytiques généraux malarisés. Ann. méd. psychol., Par., 1933, 91: pt 2, 677-86.—Codet, H. Modifications persistantes du caractère, après impaludation, dans la P. G. Progr. méd., Par., 1928, 43: 1115.—Cullerre & Edert. Délire de gynécopathie interne chez une paralytique générale après malarisation. Ann. méd. psychol., Par., 1936, 94: 613-18.—Delfini, C. Modificazioni abnormi della sindrome psichica della parálisis progresiva durante e dopo il trattamento malarico. Riv. sper. freniat., 1932-33, 56: 338-91.—Engerth, G. Delirante Bilder mit Körperhalluzinationen als klinische Gruppe der mit Malaria behandelten Paralyse. Jahrb. Psychiat. Neur., 1931-32, 48: 125-31.—Fascioli, A., & Agorio, R. Los delirios secundarios en los parafíticos generales malarizados. Arch. urug. med., 1934, 5: 481-94. Also Rev. crim., B. Air., 1934, 21: 549-63.—Guiraud, P., & Ajuriaguerra, J. Lésions à prédominance régionale réalisant un syndrome d'apparence focale chez un paralytique malarisé. Ann. méd. psychol., Par., 1934, 92: pt 2, 259-65.—Guiraud, P., & Nodet, C. H. Les syndrome sensitifs chez les paralytiques malarisés. Ibid., 1935, 93: pt 2, 779-87.—Herrnheiser-Herrmann. Encephalographische Studien: Schläfelappenatrophie bei halluzinierenden Paralytikern nach Malariabehandlung. Fortsch. Röntgenstrahl., 1925, 33: 425.—Kihn, B. Ueber chronische paranoide Halluzinosen nach Infektionsbehandlung der Paralytiker. Psychiat. neur. Wschr., 1928, 30: 285-8.—Lafora, G. R. La alucinosis post-malarica en la parálisis general progresiva. Siglo méd., 1930, 85: 349-58. — Sobre la patogenia de la alucinosis en los parafíticos generales malarizados. Ibid., 633-7.—Leroy, Médakovich & Monier. Recherches sur l'étiologie des délirs secondaires chez les paralytiques généraux après impaludation. Ann. méd. psychol., Par., 1931, 89: pt 2, 170-6.—Marie, A. L'étiologie des délirs secondaires chez les paralytiques généraux après impaludation. Arch. internat. neur., Par., 1932, 23, ser., 1: 21. Also Loire méd., 1932, 46: 187.—Martínez, A. A. Trastornos alucinatorios y delirantes en la evolución de algunos parafíticos generales malarizados. Rev. argent. neur., 1930, 4: 544-55.—Mauz, F. Zur Psychopathologie malariaremittierter Paralytiker. Zschr. ges. Neur. Psychiat., 1930, 127: 697-700.—Meyer, H. Untersuchung über erbliche Belastung bei Paralytikern, die nach Malariabehandlung paranoid-halluzinatorische Zustandsbilder bieten. Mschr. Psychiat., 1936, 94: 195-215.—Muglia, G. Patogenesi dei deliri secondari dei paralitici progressivi malarizzati. Cervello, 1938, 17: 13-26.—Richard, R. Délirs secondaires à la malariathérapie. Union méd. Canada, 1934, 63: 890-2.—Roger, H., & Alliez, J. Epilepsie et paralyse générale; les épilepsies paralytiques post-thérapeutiques. Ann. méd. psychol., Par., 1938, 96: pt 2, 767-76.—Sciuti, M. Le crisi epilettiformi nella parálisis progresiva con particolare riguardo a quelle post-malarioterapiche. Osp. psichiat., Nap., 1936, 4: 339-76.—Somogyi, I. Extrapyramidale Bewegungsstörungen bei progressiver Paralyse während der Malariabehandlung. Arch. Psychiat., Berl., 1934, 102: 120-6. Also Orv. hetil., 1934, 78: 824-7.—Tcherniak, M. Fréquence et évolution du syndrome hallucinatoire dans la paralyse générale impaludée (étude clinique de 22 formes malarisées) Schweiz. med. Wschr., 1938, 68: 1179.—Vermeylen, G., & Vervaeck, P. Apparition du syndrome hypocondriaque chez les P. G. malarisés. C. rend. Congr. alién. neur. France, 1928, 32, Congr., 297-302. Also Encéphale, 1930, 25: 563; 643.—Vié, J., & Caron, M. Quelques précisions chronologiques sur la début d'un délire hallucinatoire chez un paralytique général impaludé. Ann. méd. psychol., Par., 1937, 95: pt 2, 74-9.—Vishnevsky, P. E. [Schizophrenic reaction and blood groups in malaria therapy in progressive paralysis] Sovrem psikhonevr., 1930, 10: 142-7.

— Treatment: Malariotherapy: Accidents and untoward effects, syphilitic.

BAUMGARTNER, B. J. *Ueber die Kombination der progressiven Paralyse mit tertiär-syphilitischen Veränderungen, speziell über die Umwandlung einer malariabehandelten Paralyse im Sinne einer tertiären Lues [Leipzig] 28p. 8°. Zeulenroda, 1937.

BRUNEAU, A. M. *Apparition de manifestations tertiaires de la syphilis au cours du traitement de la P. G. par la malariathérapie. 46p. 8°. Par., 1932.

Balaban, M. I. [Gumma formation in cases of progressive paralysis treated by malaria] J. neuropat. psychiat., Moskva, 1927, 20: 149-58.—Claude, H., & Coste, F. Productions gommeuses survenues chez 2 paralytiques généraux impaludés; tertiarisation précoce ou tardive. Ann. méd. psychol., Par., 1936, 94: 607-11.—D'Arrigo, M. Manifestazioni di sifilide terziaria; risvegliate in seguito alla malarioterapia in una demente paralitica. Osp. psichiat., Nap., 1933, 1: 68-73. Also Riv. pat. nerv., 1934, 43: 496.—Dretler, J. Sur les gommes du cerveau au cours de la paralysie générale traitée par la malaria. Ann. méd. psychol., Par., 1937, 95: pt 2, 758-67.—Engel, S. Iritis nach Malariabehandlung der Paralyse. Münch. med. Wschr., 1931, 78: 8.—Gebert. Kasuistische Mitteilung über Gummibildung bei Fieberbehandlung der progressiven Paralyse. Arch. Psychiat., Berl., 1931, 95: 101.—Kirschbaum, W. Tertiär-luische Erscheinungen bei progressiver Paralyse besonders nach Malariabehandlung. Deut. Zschr. Nervenl., 1927, 96: 61-9. — Vorkommen und Bedeutung tertiärluischer Zeichen bei progressiver Paralyse, besonders nach Malariabehandlung. Ibid., 309-11.—Knigge, F. Ueber tertiär-syphilitische Hauterscheinungen bei malariabehandelten Paralytischen. Arch. Psychiat., Berl., 1928-29, 86: 493-500.—Pfeiffer. Gummata nach Infektionsbehandlung der Paralyse. Psychiat. neur. Wschr., 1926, 28: 313-5.—Pilcz, A. Ueber Tertiärismus bei Paralytikern nach Malaria-, beziehungsweise Rekurenbehandlung. Wien. med. Wschr., 1937, 87: 577-9.—Sorgor. Tertiäre Syphilis bei Paralyse nach Malariabehandlung. Allg. Zschr. Psychiat., 1933, 99: 252-65.—Spillmann, L., Drouet, P. L. [et al.] Un cas d'accident tertiaire chez un paralytique général impaludé. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 511-4.

— Treatment: Malariotherapy: Clinical aspect.

FRANKE, O. *Ueber den Einfluss der endemischen Malaria auf die progressive Paralyse. 19p. 8°. Berl., 1932.

Also Allg. Zschr. Psychiat., 1933, 99: 297-315.

SCHIMRIGK, R. *Ueber progressive Paralyse nach überstandener Malaria [Münster] 42p. 8°. Quakenbrück, 1933.

Baonville, H., Ley, J., & Titeca, J. Le grand âge et les maladies organiques sont-ils une contre-indication à la malariathérapie chez les paralytiques généraux? J. neur. psychiat., Brux., 1932, 32: 92-6.—Bravetta, G. Reazione di Landsteiner e paralisi progressiva. Note psichiat., Pesaro, 1931, 60: 357-72.—Cheavens, T. H. Malaria treatment of parietic cases. Texas J. M., 1935-36, 31: 747-51.—Claude, H., & Targowia, R. Sur la malariathérapie de la paralysie générale; indications et contre indications. Rev. neur., Par., 1927, 34: 208-14.—Desogus, V. Paralisi progressiva ed epidemia malarica. Atti Soc. sc. med. natur. Cagliari, 1935, 37: 349-55. Also Riv. pat. nerv., 1938, 51: 179-230, tabl. ch.—Freeman, W. Malaria treatment of paresis; extracerebral pathology and its bearing on the modus operandi. Am. J. Syph., 1930, 14: 326-45, 8 pl.—García del Real, E., & Martínez, C. A proposito del tratamiento de la parálisis general por la malaria. Med. ibera, 1928, 22: pt 2, 169-76.—Garofali, F. Il fattore patogenetico della malarizzazione nella P. P. (la malarizzazione può essere attuata nei dementi paralitici affetti anche da lesione polmonare di natura T. B. C.). Riv. sper. freniat., 1934, 58: 1273-8.—Hecht, S. Statistische und vergleichende Untersuchungen über die klinischen Formen der progressiven Paralyse und ihre prognostische Bedeutung vor und nach Einführung der Malariathérapie. Arch. Psychiat., Berl., 1927, 81: 133-51.—Herzig, E. Zur Malariabehandlung der P. p. Wien. klin. Wschr., 1924, 37: 88.—Kasperek, G. K. Ein Beitrag zur Behandlung der progressiven Paralyse mit Malaria. Zschr. ges. Neur. Psychiat., 1926, 106: 586-601.—Knights, E. M. The influence of blood groups in malarial transfusions. J. Lab. Clin. M., 1929-30, 15: 980.—Lépine, J., & Bourrat, L. Indications, contre-indications et accidents de la malariathérapie chez les paralytiques généraux. J. méd. Lyon, 1929, 10: 397-400.—Maisani, A. Sulla malarioterapia nella paralisi generale progressiva. Med. prat., Nap., 1927, 12: 281-95.—Mari, A. Osservazioni cliniche di terapia malarica della paralisi progressiva. Note psichiat., Pesaro, 1929, 3. ser., 17: 141-94.—O'Neil, R. T. Malaria therapy in agitated cases of paresis. Med. Bull. Veterans Admin., 1932, 8: 291-4.—Pogibko, N. I. [Rôle of the hypothermic

factor in malaria therapy of general paralysis] Sovet. psikhonevr., 1933, 9: 76-82.—Pons Báimes, J. Contribución al estudio del tratamiento de la parálisis general por la malaria. Rev. méd. Barcelona, 1929, 12: 60; 174.—Radimská-Jandová. [Malarial treatment of progressive paralysis] Bratisl. lek. listy, 1927, 6: 441-58.—Rizzatti, E. Terapia malarica della paralisi progressiva. Gior. clin. med., 1928, 9: 1-19.—Rodríguez Arias, B. Paludismo y parálisis general: notas clínicas. Arch. med., Madr., 1927, 26: 774. Also Rev. méd. Barcelona, 1927, 2. ser., 8: 160.—Rojas, N., & Belbey, J. C. La malarioterapia de la paralisi general progressiva. Actas Conf. lat. amcr. neur., 1929, 1. Congr., pt 2, 375-88.—Sézary, A., & Barbé, A. Paralysie générale et paludisme. Bull. Soc. fr. derm. syph., 1927, 34: 316-8.—Somogyi, I., & Angyal, L. Zur Frage des Zusammenhanges zwischen Blutgruppenkonstellation und Malariabehandlung. Arch. Psychiat., Berl., 1933, 100: 111-5.

— Treatment: Malariotherapy: Effect.

See also preceding subheadings.

RIEMER, A. J. *Impfmalaria und Geburt. 24p. 8°. Halle, 1933.

Bourgeois, P. Notions nouvelles concernant la nature de la paralysie générale et l'action de la malariathérapie. Rev. méd. fr., 1931, 12: 871-9.—Bunker, H. A., jr. The significance of gain in weight in the malaria treatment of general paralysis. Arch. Neur. Psychiat., Chic., 1926, 16: 329-43. Also Klin. Wschr., 1926, 5: 1319.—Coubon, P., & Tusques, J. Régession tardive d'une paralysie générale impaludée. Ann. méd. psychol., Par., 1931, 89: pt 2, 405-7.—Davidson, G. M. The mechanism of malaria cure in general paralysis. J. Nerv. Ment. Dis., 1936, 84: 46-53.—Donath, J., & Heilig, R. Zur Wirkungsweise der Impfmalaria. Wien. klin. Wschr., 1926, 39: 353-5.—Gerstmann, J. Sprochätenbefunde bei mit malariabehandelten Paralytikern. Münch. med. Wschr., 1926, 73: 436.—Goeckerman, W. H. The therapeutic mechanism of malaria treatment of general paralysis; observations on a case. Am. J. M. Sc., 1928, 175: 261-5.—Guiraud, P., & Ajuriaguerra, J. Considérations critiques sur l'action de la malaria dans la paralysie générale. Paris méd., 1934, 93: 222-8.—Horn, L., & Kauders, O. Ueber die klinischen Typen der malariabehandelten Paralyse, die therapeutischen Massnahmen zur Erhaltung der Remission und über Rezidivprophylaxe. Jahrb. Psychiat. Neur., 1931-32, 48: 263-82.—Hotta, Y. Experimentelle Untersuchungen über die Malariabehandlung. Zbl. Bakt., 1. Abt., 1928, 107: 361-74.—Kirby, G. H., & Bunker, H. A., jr. Types of therapeutic response observed in the malaria treatment of general paralysis. Am. J. Psychiat., 1926-27, 6: 205-25.—Kogerer, H. Ueber die Probe mit Natrium nucleicum bei der Malariabehandlung der Paralytiker. Wien. klin. Wschr., 1922, 35: 342.—Kopp, I., & Solomon, H. C. The malarial treatment of general paresis; relation of the height, duration, and frequency of fever to the clinical and serologic results. Am. J. Syph., 1939, 23: 585-96.—Leroy & Médakovich. Les réactions biologiques chez les paralytiques généraux traités par la malaria. Ann. méd. psychol., Par., 1929, 87: 362-80.—Mingazzini, G. Effetti della malaria inoculata sui dementi paralitici ex-malarici. Schweiz. Arch. Neur. Psychiat., 1927, 20: 262-70.—Molotschek, A., & Russin, T. Zu den Besonderheiten des klinischen Verlaufs bei paralytischen Männern und Frauen unter dem Einflusse der Malariathérapie. Allg. Zschr. Psychiat., 1933-34, 101: 375-80.—Monti, A. Qualche fatto nuovo per interpretare la terapia malarica della paralisi progressiva. Bol. Soc. ital. biol. sper., 1923, 3: 206.—Pasin, A. I proposito del meccanismo di azione della malarioterapia nella paralisi progressiva. Policlinico, 1929, 36: sez. prat., 1356-9.—Paulian, E., & Bistriceanu, I. La malariathérapie et les lésions cérébrales dans la paralysie générale progressive; action de la malaria sur le Treponema pallidum. Rev. neur., Par., 1931, 38: pt 2, 293-305.—Sabatzky, K. Gibt es Unterschiede in der Wirkungsweise der Malariathérapie der progressiven Paralyse bei Männern und Frauen? Psychiat. neur. Wschr., 1926, 28: 497; 509.—Santangelo, G. Sul meccanismo di azione della malarioterapia della paralisi progressiva; a proposito della polemica tra i prof. Medea e Pasini. Policlinico, 1930, 37: sez. prat., 16-8.—Sarbo, A. Ueber das Rätsel der Wirkung der Malariafieberbehandlung bei der progressiven Paralyse. Wien. klin. Wschr., 1931, 44: 1048-51.—Schusterówna, H. [Anatomic basis in treatment of progressive paralysis with malarial fever] Polska gaz. lek., 1928, 7: 133; 158; 174.—Sierra, A. M. Presencia del Treponema pallidum en la corteza encefálica de los parálisis malarizados. Arch. argent. neur., 1927, 1: 183-203. Also Bol. Inst. clín. quir., B. Air., 1927, 3: 670-92.—Springlová, M. [Treponemas in the brain in progressive paralysis after malaria and other diseases] Cas. lek. česk., 1927, 66: 731; 772, 817.—Targowia, R. Considérations sur le mécanisme de l'action thérapeutique dans la malariathérapie de la paralysie générale. Ann. mal. vénér., 1931, 26: 401-6.—Yule, L. W. Changes in the course of general paralysis of the insane under malarial therapy. Ohio M. J., 1931, 27: 139-41.

— Treatment: Malariotherapy: Effect, humoral.

BRAUN, J. *La réaction du benjoin colloidal chez les paralytiques généraux avant et après la

malariatherapie [Paris] 47p. 8°. Cornimont, 1931.

JACOBOWSKY, B. *Liquorstudien bei progressiver Paralyse; mit besonderer Berücksichtigung der Veränderungen während der Impfmalaria. 206p. 8°. Upps., 1929.

KLIMA, H. *Ueber die sogenannte Liquorsanierung nach Malaria-Behandlung. 24p. 8°. Bresl., 1927.

PLACHNER, E. *Beziehungen zwischen psychischer Besserung und Liquorsanierung bei der progressiven Paralyse nach Fieberbehandlung [Bonn] 31p. 8°. Ahrweiler, 1934.

STENDER, A. A. *Blutbilduntersuchungen an Paralytikern unter besonderer Berücksichtigung der Lymphocytenbewegungen vor und nach der Impfmalaria [Halle-Wittenberg] p.255-72. 8°. Berl., 1929.

Also Zschr. ges. Neur. Psychiat., 1929, 121:

Adler, A. Die Senkungsgeschwindigkeit der roten Blutkörperchen bei der Malaria-Behandlung der Paralyse. Zschr. ges. Neur. Psychiat., 1928, 117: 793-800. — Amyot, R. L'examen du liquide céphalo-rachidien et le diagnostic de la syphilis nerveuse; action de la malariatherapie sur le liquide céphalo-rachidien des paralytiques généraux. Union méd. Canada, 1935, 54: 794-9. — Benvenuti, M. Sulle modificazioni della sindrome umorale e del quadro ematologico in seguito alla malarizzazione e alla terapia specifica nella paralisi progressiva. Cervello, 1929, 8: 341-62, tab. — Bertrand, A. La formule sanguine des paralytiques généraux soumis à la malariatherapie. Union méd. Canada, 1928, 57: 131-8. — Bosch, G., & M6, A. Un caso de modificación del líquido cefalorraquídeo en la parálisis general progresiva por la malarioterapia. Rev. espec., B. Air., 1926, 1: 426-30. — Büchler, P. Serologische Beiträge zur Malaria-Behandlung der Paralyse. Arch. Psychiat., Berl., 1927, 80: 334-51. — Bunker, H. A., jr. Serial hourly leukocyte counts in tertian malaria as observed in malaria-treated general paralytics. Am. J. M. Sc., 1926, 172: 681-90. — Influence of malarial treatment on the spinal fluid in general paralytic. Arch. Neur. Psychiat., Chic., 1928, 19: 478-87. — Cardillo, F. Reperti umorali atipici e considerazioni sull'evoluzione delle reazioni biologiche del liquor nei paralitici malarizzati. Riv. pat. nerv., 1930-31, 35: No. 2, 10-21. — Claude, H., & Dimolcsco, A. La cytologie du liquide céphalo-rachidien chez les paralytiques généraux traités par la malariatherapie; étude par la coloration vitale. Encéphale, 1929, 24: 528-48, pl. — Colucci, G. Velocità di sedimentazione degli eritrociti nella terapia malarica della paralisi progressiva. Cervello, 1929, 8: 245-56. — D'Arrigo, M. Sul comportamento della reazione emoclasica nei paralitici progressivi malarizzati. Rinasc. med., 1927, 4: 577. — Daza, C. Modificaciones que experimenta el liquido cefalo-raquídeo de los paráliticos generales despues de la malarioterapia. Repert. med. cir., Bogotá, 1937-39, 2, ser., 1: 339-53. — De Marco, A. La composizione elettrolitica del liquor nei paralitici progressivi prima e dopo la malarioterapia. Osp. psichiat., Nap., 1935, 3: 811-19. — De Rosa, D. Il rapporto glutinogenico nei paralitici progressivi prima, durante e dopo la malarizzazione. Note psichiat., Pesaro, 1939, 68: 517-31. — Dujardin, B., Baonville, H., & Titeca, J. Le syndrome humoral de la paralysie générale; son évolution et sa signification pronostique après malariatherapie. Ann. derm. syph., Par., 1938, 7, ser., 9: 961-89. — Ferraro, A., & Fong, T. C. C. The serology of general paresis in the malaria treated cases. Med. J. & Rec., 1926, 124: 562; 607; 682. — Ferris, C. La velocità di sedimentazione degli eritrociti nella malarioterapia. Note psichiat., Pesaro, 1931, 60: 79-129. — Fiamberti, A. M. Modificazioni della sindrome umorale in seguito alla malarizzazione e alla terapia specifica nella paralisi progressiva. Ibid., 1928, 3, ser., 16: 263-8. — Habermann, K., & Serckis, S. Impfmalaria und hämatopoetisches System. Klin. Wschr., 1928, 7: 1832. — Hattori, R. Studien über das Blutbild der Impfmalaria bei der progressiven Paralyse. Fukuoka acta med., 1928, 21: 5-7. — Jacobowsky, B. Die Wirkung der Impfmalaria auf die Liquorkonzentration der Paralytiker. Upsala lak. fören. förh., 1927, n. F., 32: 163; 1928, 33: 393. — Kafka, V. Das humoralpathologische Bild während des Malariafiebers der Paralytiker. Med. Klin., Berl., 1928, 24: 897. — Marin, A., & Boulais, F. L. Des modifications liquidienues consécutives à la malariatherapie. Union méd. Canada, 1939, 68: 235-9. — Masquin, P., & Trelles, J. O. Action de la malariatherapie sur le liquide céphalo-rachidien des paralytiques généraux. Gaz. hôp., 1935, 108: 241-7. — Meco, O. Sul valore del quadro umorale a termine della malarioterapia nella paralisi progressiva. Riv. sper. freniat., 1934, 58: 1330-5. — Milani, C. Modificazioni indotte dalla malarioterapia associata nel liquido cefalo-rachidiano dei paralitici-progressivi. Arch. ital. derm., 1936, 12: 413-515. — Mörch, J. R. Das Verhältnis einiger Seroreaktionen während der Behandlung von Paralyse mit Malaria tertiana. Deut. med. Wschr., 1926, 52: 740-2. — Mollaret, P., & Tonnet, J. Les albumines du sang dans la paralysie générale avant et après malariatherapie. C. rend. Soc. biol., 1934, 116: 293. Also repr. — Nicole, J. E., & Fitzgerald, E. J. Serologic results in malarially treated general paralytic. Am. J. Syph., 1931, 15: 496-516. — Nicole, J. E., &

Steel, J. P. Post-malarial condition of the cerebro-spinal fluid in G. P. I. Lancet, Lond., 1926, 2: 1091. — Niisawa, I. Ueber die Verschiebung des Blutgasbildes im ganzen Verlauf der mit Malaria behandelten, progressiven Paralyse. Psychiat. neur. jap., 1935, 39: 6. — Paoletti, U. Reperti ematologici nei paralitici e terapia malarica. Policlinico, 1928, 35: sez. med., 555-72. — Paulian, D., & Tanasesco, G. La réserve alcaline dans la paralysie générale progressive avant et après la malariatherapie. Bull. Acad. méd., Par., 1935, 3, ser., 114: 436-40. — Pfeiffer, H., Standenath, F., & Weber, R. Ueber Liquoruntersuchungen bei der Impfmalaria des Paralytikers. Zschr. ges. Neur. Psychiat., 1926, 105: 224-36. — Pires, W., & Luz, C. Le liquide céphalo-rachidien après la malariatherapie. Encéphale, 1932, 27: 703-11. — Pires, W., & Póvoa, H. Síndrome humoral de los paráliticos generales malarizados. Actas Conf. lat. amer. neur., 1929, 1. Congr., pt 2, 399-405. — Pisani, D. Terapia della paralisi progressiva; sindrome umorale nei paralitici progressivi curati con la malaria. Rass. internaz. clin. ter., 1925, 6: 697. — Pastrovitch, G. [et al.] Síndrome umorale nei paralitici progressivi curati con la malaria. Riv. sper. freniat., 1926, 50: 518-60. — Prokop, J., & Vinar, J. [Effect of malarial therapy in general paralytic; clinical aspect and changes in the cerebro-spinal fluid] Cas. lek. česk., 1937, 76: 1975-80. — Reid, B. The cerebrospinal fluid in 230 cases of general paralytic after malarial treatment. J. Neur. Psychopath., Brist., 1933, 13: 223-6. — Rodríguez Arias & Pinos Balmes, J. Nota sobre la modificación del síndrome humoral en los paráliticos generales impaludizados. Arch. neurob., Madr., 1929, 9: 319-23. — Rohden, F. von, Ziegleroth, L., & Wolter, H. Der Einfluss der Malaria-Behandlung auf das humorale Paralyse-syndrom und auf die Permeabilität der Blutliquorschranke. Arch. Psychiat., Berl., 1931, 95: 127-62. — Thossarelli, A. Contributo allo studio della formula leucocitaria, del quadro di Arneti e del parassita malarico nella malaria tertiana inoculata artificialmente nei paralitici. Gior. batt. immun., 1927, 2: 295-300. — Ugurgieri, C. La citologia del liquido cefalo-rachidiano nella paralisi progressiva e la sue variazioni dopo la malarioterapia studiate con la colorazione vitale. Riv. pat. nerv., 1931, 37: 54-70. — Vermeylen, G., & Heernu, L. Le liquide céphalo-rachidien chez les paralytiques généraux malarisés. J. neur. psychiat., Brux., 1933, 33: 82-8. — Verzola, M. Inoculazione nel topino di liquor di paralitici progressivi prima e dopo malarizzazione. Gior. ital. derm. sif., 1935, 76: suppl., 74-6. — Vilanova, X., & Catusas, J. M. Les modifications observées dans le sang et la liquide céphalo-rachidien, chez les paralytiques généraux traités par la malariatherapie. Discuss. Congr. derin. syph. fr., 1929, 4. Congr., 222-5. — Wiechmann, E. Studien über experimentelle Infektionskrankheiten; über im Liquor nachweisbare Herdreaktionen des Zentralnervensystems bei der therapeutischen Malariainfektion. Deut. Arch. klin. Med., 1926-27, 154: 358-64.

— Treatment: Malariotherapy: Effect, mental.

VALLADE, L. *Contribution à l'étude du fond mental des paralytiques généraux après impaludation. 54p. 8°. Par., 1936.

Claude, H., & Masquin, P. L'évolution du dessin chez un paralytique général avant et après malariatherapie; contribution à l'étude de l'action des traitements actuels de la paralysie générale. Ann. méd. psychol., Par., 1934, 92: 356-74. — De Angelis, E. Le alterazioni della scrittura nella paralisi progressiva, prima e dopo la malarioterapia. Arch. gen. neur., Nocera, 1928, 9: 105-24. — Kafka, F. [Changes in psychic activity in general paralytic treated by paludism] Cas. lek. česk., 1926, 65: 89-93. — Kaplinsky, M. Z., & Liusternik, R. E. [General paralytic treated by malaria; structure of the paralytic defect] Nevropat. psichiat., 1936, 5: 1679-86. — Kaufman, I. W. Psychologische Kontrolle der Heilwirkung der Malariafieberbehandlung bei progressiver Paralyse; vorläufige Mitteilung. Wien. klin. Wschr., 1929, 42: 803-6. — Kulikova, E. F. [Restoration of psychic functions in patients treated with malaria therapy] Sovet. psikhonevr., 1933, 9: 110-15. — Magunna, K. Die Veränderung des klinischen Krankheitsbildes der progressiven Paralyse durch die Malaria-Behandlung. Arch. Psychiat., Berl., 1929, 88: 615-23. — Oppenheimer, E., & Speijer, N. [Results of the Rorschach test in a case of dementia paralytica before and after malaria therapy] Psychiat. neur. bl. Amst., 1937, 41: 386-91. — Pönitk, K. Der defektgeheilte Paralytiker. Erg. ges. Med., 1930, 14: 613-32. — Roncoroni, L., & Rizzatti, E. Influenza della terapia malarica sulla sindrome psichica della paralisi progressiva. Gior. psichiat., 1931, 59: 3-21. — Rudolf, G. de M. Die Malaria-Behandlung der progressiven Paralyse; einige psychologische und körperliche Beobachtungen. Psychiat. neur. Wschr., 1925, 27: 65. — Schilder, P. Zur Psychologie und Klinik malariabehandelter Paralytiker. Wien. klin. Wschr., 1924, 37: 500. — Shmarian, A. S. [Clinical metamorphosis of typical progressive paralytic from the effect of malaria therapy] Sovet. psikhonevr., 1929, 8: 219-25. — Shostakovich, V. V. [Transformation of the forms of general paralytic after malaria] Sovet. psikhonevr., 1933, 9: 64-9. — Sosset, M. Les variations du niveau mental des paralytiques généraux malarisés. J. belge neur. psychiat., 1934, 34: 659-75. — Vermeylen, G. La mesure de l'intelligence des paralytiques généraux avant et après la malarisation. C. rend. Congr. alién. neur. France, 1931, 35. Congr., 248-53. — Vujčić, V. Ueber die Art des Verschwindens der Wahndien bei den malariabehandelten Paralytikern. Wien. klin. Wschr., 1938, 51: 458-60.

Treatment: Malariotherapy: Effect, neural.

Adelheim, R. Zur pathologischen Anatomie der Impfmalaria bei progressiver Paralyse. *Wien. klin. Wschr.*, 1926, 39: 412-16.—**Bender.** Ein Beitrag zur Pathologie der malaria-behandelten Paralyse (vorläufige Mitteilung). *Allg. Zschr. Psychiat.*, 1929-30, 92: 116-25.—**Benvenuti, M.** L'influenza della malarioterapia sulle lesioni della paralisi progressiva: reperti istologici sull'encefalo di un paralitico malarizzato. *Rass. stud. psychiat.*, 1931, 20: 885-937.—**Bondì, G.** Studio sui reperti dell'encefalo di paralitici malarizzati. *Ann. osp. psychiat. Perugia*, 1935, 29: 107-25, 8 pl.—**Brüsch, W. L.** Ein Beitrag zur Wirkungsweise der Impfmalaria auf den histopathologischen Prozess bei progressiver Paralyse. *Zschr. ges. Neur. Psychiat.*, 1927, 110: 713-28.—**Clark, M. A.** A study of the mechanism of inoculation-malaria on the histopathologic changes in paresis. *J. Nerv. Ment. Dis.*, 1928, 67: 209-23.—**Canziani, G.** Contributo allo studio delle alterazioni istopatologiche nell'encefalo dei paralitici progressivi malarizzati. *Riv. pat. nerv.*, 1935, 46: 543-56.—**Clark, C. P.** Eye changes observed in parietic patients after treatment with malaria. *Am. J. Ophth.*, 1930, 3, ser., 13: 946-55. Also *Indianapolis M. J.*, 1930, 33: 737-9.—**Francioni, G.** Paralisi progressiva: cura malarica; reperti anatomici. *Note psychiat.*, Pesaro, 1926, 3, ser., 14: 247-54.—**Freeman, W.** Malaria treatment of general paralysis; histopathologic observations in 15 cases. *J. Am. M. Ass.*, 1927, 88: 1064-8.—**Frets, G. P.** [Anatomical changes of the brain in paralytic dementia in patients treated with malaria inoculation]. *Ned. tschr. geneesk.*, 1926, 70: 1985; pt 2, 1616.—**Curevich, M.** [Progressive paralysis, treated by malaria, and its pathological anatomy]. *Med. biol. J. Moskva*, 1926, 2: No. 2, 48-60. Also *Zschr. ges. Neur. Psychiat.*, 1926, 105: 314-28. Die pathologische anatomischen Besonderheiten der progressiven Paralyse unter Berücksichtigung der klinischen Befunde und der Malaria-behandlung (540 Fälle). *Schweiz. Arch. Neur. Psychiat.*, 1935, 35: 271-86.—**Jakob.** Ueber das anatomische Bild der Paralyse-remission nach Malaria-behandlung. *Münch. med. Wschr.*, 1927, 74: 473.—**Kral, A.** Untersuchungen über das Verhalten der Blut-Liquorschanke während der Malaria-behandlung der progressiven Paralyse, nebst weiteren Permeabilitätsbestimmungen mittels der Walterschen Brommethode bei Psychosen. *Zschr. ges. Neur. Psychiat.*, 1928, 117: 315-29.—**Le Fèvre de Arrie, M.** Malariatherapie et perméabilité méningée à l'arsenic. *Bruxelles méd.*, 1933-34, 14: 540-3.—**Lehoczky, T.** Beiträge zum anatomischen Bilde der mit Malaria behandelten Paralyse progressiva sowie zur Frage der Pigmente bei der Impfmalaria. *Arch. Psychiat.*, Berl., 1928-29, 86: 442-92.—**Longo, V.** La nevrogia dei nuclei della base di paralitici progressivi malarizzati e non malarizzati. *Riv. pat. nerv.*, 1935, 46: 508-22.—**Malamud, W., & Wilson, R. B.** Paresis treated with malaria; the relations between clinical, serologic and histologic observations, with special reference to permeability determinations. *Arch. Neur. Psychiat.*, Chic., 1929, 22: 1135-62. Also repr.—**Mari, A.** Sulle variazioni del quadro istopatologico della paralisi progressiva in seguito alla inoculazione della malaria. *Riv. pat. nerv.*, 1931, 37: 740-76.—**Nakamura, J.** Ueber Veränderungen in der Gehirnrinde malariebehandelter Paralytiker und Luetiker. *Arch. Neur. Inst. Wien.*, 1926, 28: 197-226.—**Paulian, D.** La perméabilité des méninges à l'arsenic dans la paralysie générale avant et après la malariatherapie. *Ann. méd., Par.*, 1936, 39: 375-96.—**Bistriceanu, I. V.** [Effect of malaria therapy on the cerebral lesions in general paralysis]. *Spitalul*, 1930, 50: 416-25.—**Paulian, D., & Tanasescu, G.** Recherches sur la perméabilité aux novarsénobenzols de la barrière hémato-méningo-encéphalique dans la paralysie générale avant et après la malariatherapie. *Bull. Acad. méd., Par.*, 1935, 3, ser., 113: 850.—**Rabinovich, P. H.** de. Reflexos condicionados de Pavlov en paraliticos progresivos malarizados. *Sem. méd., B. Air.*, 1937, 44: 1201-13.—**Revello, M.** Malarioterapia e paralisi progressiva; contributo anatomo-patologico. *Pathologica*, Genova, 1931, 23: 328-32 [383, pl.]—**Sierra, A. M.** Estudio histopatológico de la corteza cerebral de paraliticos generales malarizados. *Rev. argent. neur.*, 1927, 1: 71-86.—**La macroglia y la microglia en el encéfalo de los paraliticos malarizados. *Actas Conf. lat. amer. neur.*, 1929, 1, Congr., pt 2, 353-74. Also *Rev. argent. neur.*, 1929, 3: 55-60. Also *Sem. méd., B. Air.*, 1929, 36: pt 2, 1011-7.—**Strüssler, E.** Ueber den Zustand des Gehirns nach klinischer Heilung der progressiven Paralyse durch Malariabehandlung. *Wien. klin. Wschr.*, 1937, 50: 326.—**Trétiakoff, C.** Ueber eine eigentümliche Veränderung der Zerebellarrinde bei progressiver Paralyse mit Malaria-impfbehandlung. *Arch. Neur. Inst. Wien.*, 1927, 29: 1-7.—**Vermeylen, G., & Audet, G.** Le temps de réaction chez les paralytiques généraux avant et après malarisation. *C. rend. Congr. alién. neur. France*, 1935, 39 Congr., 489-97.—**Wilson, R. B.** Histopathological changes following malarial treatment of general paralysis. *Brain*, Lond., 1928, 51: 440-84.**

Treatment: Malariotherapy: Results.

Buisson, G. *Résultats cliniques du traitement de la paralysie générale par la malariatherapie à l'Asile de Clermont-de-l'Oise de 1930 à 1935. 72p. 25cm. Par., 1938.

Escher, F. *Nachuntersuchungen der in der Heilanstalt Burghölzli-Zürich von 1922 bis 1934

mit Malaria behandelten Paralytiker. 24p. 24½cm. Zür., 1938.

Also *Schweiz. Arch. Neur. Psychiat.*, 1938, 42:

LEDERER, W. *Résultats obtenus dans la paralysie générale au centre de malariathérapie de l'Hôpital Cochin. 88p. 25cm. Par., 1939.

OTTO, W. *Klinische Beobachtungen an frühzeitig malariebehandelten Paralytikern. 23p. 8° Lpz., 1936.

ROSNER, S. *Contribution à l'étude statistique de la malariathérapie dans la paralysie générale. 55p. 8° Par., 1928.

VIAL, G. E. L. *Les résultats éloignés de la malariathérapie dans la paralysie générale. 110p. 8° Boulogne-Par., 1937.

WOLFF, O. *Klinische Untersuchungen über die Möglichkeit einer Voraussage des Erfolges der Malariabehandlung bei Paralyse. 18p. 8° Würzb., 1932.

Aráoz Castellanos, F., & Carreras, J. M. El paludismo como medio curativo de la parálisis general progresiva: nuestra observación. *Bol. Inst. clín. quir.*, B. Air., 1926, 2: 456-65.—

Askgaard, V. [Preliminary observations on one year of treatment by malaria in general paralysis]. *Ugeskr. læger*, 1924, 86: 307-18.—**Baender, E.** Untersuchungen über Remissionen bei progressiver Paralyse, im Besonderen nach Malariabehandlung. *Zschr. ges. Neur. Psychiat.*, 1925-26, 100: 375-86.—**Bahr, M. A.** The outlook for the malaria-treated general paralytic. *J. Nerv. Ment. Dis.*, 1940, 91: 345.—**Barbeau, A.** Bilan de 6½ ans de malariathérapie à l'hôpital de Bordeaux. *Union méd. Canada*, 1934, 63: 1083-98. Also *C. rend. Congr. fr. méd.* (1934) 1935, 23, sess., 146-8.—**Barnhoorn, J. A. J.** [A very favorable course of malaria-treatment in paralytic dementia]. *Ned. tschr. geneesk.*, 1926, 70: pt 2, 1615-7.—**Bernard, R.** Les résultats cliniques et sociaux de la malariathérapie au cours de la paralysie générale. *Concours méd.*, 1940, 62: 585-7.—

Bewley, G. The treatment of general paralysis of the insane by malaria, with report of 2 cases. *Irish J. M. Sc.*, 1926, 6, ser., 358-64.—**Bingel, A.** Ueber die Prognose der mit Malaria behandelten Paralyse. *Arch. orthop. Unfallchir.*, 1937, 38: 213-8.—**Brandenburg, K.** Beobachtungen über die Malariabehandlung der Paralyse. *Med. Klin.*, Berl., 1927, 23: 353-5.—**Bravetta, E.** Due anni di terapia malarica della paralisi progressiva. *Boll. Soc. med. chir.*, Pavia, 1926, n. ser., 1: 1073-117.—**Buduls, H.** Ueber die Auswirkung der Paralyse-behandlung mit Malaria. *Allg. Zschr. Psychiat.*, 1936, 104: 168-76.—**Bunker, H. A., & Kirby, G. H.** The place of malaria in the treatment of general paralysis; a survey of 4½ years' experience in the use of this mode of therapy. *Bull. N. York Acad. M.*, 1928, 2, ser., 4: 307-22.—**Carlson, C. C.** Malarial therapy; analysis of 209 cases at Western State Hospital. *Northwest M.*, 1935, 34: 332-5.—**Cheney, C. O., & Warner, G. L.** Treatment of general paralysis with inoculation malaria. *State Hosp. Q. Alb.*, 1925-26, 11: 603-17.—**Claude, H., Cossa, & Garand.** Résultats éloignés de la malariathérapie dans la paralysie générale. *Bull. Acad. méd., Par.*, 1930, 3, ser., 104: 38-41. Also *Rev. internat. méd., Par.*, 1930, 41: 104.—**Claude, H., Targowla, R.** [et al.] Présentation de malades traités par la malariathérapie. *Ann. méd. psychol.*, Par., 1929, 87: 73-86.—**Codet, H.** Sur le traitement malarique de la paralysie générale. *C. rend. Congr. alién. neur. France*, 1925, 29, Congr., 251-5.—**Claude, H., Targowla, R., & Lamache, A.** Présentation de nouveaux cas de paralysie générale traités par la malariathérapie. *Encéphale*, 1928, 23: 50-3.—**Cocchi, A.** Un anno di pratica malarioterapica della paralisi generale progressiva. *Athena, Roma*, 1932, 1: 355-8.—**Cortesi, T.** Alcuni casi di paralisi progressiva curati con la inoculazione della malaria. *Policlinico*, 1925, 32: sez. prat., 1708.—**Sci anni di malario-terapia nei paralitici; osservazioni malariologiche; modificazioni cliniche ed umorali; esiti.** *Rass. stud. psychiat.*, 1931, 20: 770-809.—**Crouzon, Corman & Decourt, P.** Nouvelle statistique de la malariathérapie dans la paralysie générale. *Discuss. Congr. dermat. syph. fr.*, 1929, 4, Congr., 233-5.—**Crouzon & Kahn, Z.** Nouvelle statistique de la malariathérapie dans la paralysie générale. *C. rend. Congr. alién. neur. France*, 1928, 32, Congr., 343-6.—**Crouzon, M. O., Vogt, C., & Delafontaine, M. P.** Résultats de la malariathérapie dans la paralysie générale. *Rev. neur.*, Par., 1927, 34: 93-8.—**Dante, F.** Come dobbiamo valutare nella pratica corrente (e militare) la terapia della paralisi progressiva, con la malaria inoculata. *Ann. med. nav.*, Roma, 1926, 2: 149-59.—**Dattner, B.** Epikrisen malariebehandelter Paralytiker. *Klin. Wschr.*, 1928, 7: 921-7.—**De Paoli, N.** Terapia della paralisi progressiva. *Riv. sper. freniat.*, 1926, 50: 502-17.—**Osservazioni sulla terapia malarica nella paralisi progressiva.** *Note psychiat.*, Pesaro, 1928, 16: 51-7.—**Desrochers, G., & Samson, M.** La malariathérapie de la paralysie générale: indications; technique; présentation de résultats. *Bull. méd. Québec*, 1929, 30: 292-301.—**D'Hollander.** Contribution à l'étude de la malariathérapie; ses résultats cliniques et sociaux dans la paralysie générale. *Bull. Acad. méd. Belgique*, 1939, 6, ser., 4: 81.—**Dietrich.** Malariabehandlung der progressiven Paralyse in der rheinischen Prov.-

- Heil- und Pflegeanstalt Andernach. Psychiat. neur. Wschr. 1928, 30: 463-8.—Engerth, G., & Palisa, C. Vorläufige Mitteilung der Resultate und Beobachtungen über 100 malariebehandelte Paralytiker. Wien. klin. Wschr., 1938, 51: 501-4.—Ferraro, A. The pathology of paresis after treatment with malaria. Arch. Neur. Psychiat., Chic., 1929, 21: 69-116.—Fiertz, C. O. The malarial treatment of general paralysis (a summary of Gerstmann's monograph based on the work of the Vienna psychiatric clinic) State Hosp. Q., Alb., 1925-26, 11: 626-43.—Fossati, V. Tratamiento con paludismo de la parálisis general progresiva. Rev. sud. amer. endocr., B. Air., 1929, 12: 3-9.—Freeman, W., & Hall, R. W. Malaria treatment of dementia paralytica; results in 205 cases after 5 to 11 years. South. M. J., 1931, 27: 122-6.—Gerstmann, J. Ueber die grundsätzliche Wirkungsmöglichkeit der Malariaabehandlung bei der progressiven Paralyse. Wien. klin. Wschr., 1927, 40: 413-6.—Goria, C. Commenti ad un triennio di terapia della paralisi progressiva colla malaria. Gior. Accad. med. Torino, 1929, 92: 426-48.—Gougerot, M. Malaria spontanée préventive impuissante, et malarothérapie guérissant une P. G. P. Bull. Soc. fr. derm. syph., 34: 715-7.—Green, L. M. Results of malaria treatment of general paralysis. State Hosp. Q., Alb., 1925-26, 11: 618-25.—Hamlin, P. G. The present status of malarial therapy in general paralysis. Virginia M. Month., 1934, 60: 668-71.—Hanschell, H. M. Notes on malaria in the treatment of general paralysis of the insane. Brit. J. Vener. Dis., 1926, 3: 235-42.—Hutchings, C. W. The results of 10 years of malarial therapy. Psychiat. Q., 1936, 10: 99-109.—Hyde, A. G. Two years experience with the malarial treatment of general paralysis. Ohio M. J., 1926, 22: 947-50.—Jacob, C. Kurzer Bericht über Malariaabehandlung der progressiven Paralyse in der Universitäts-Nerven-klinik zu Königsberg. Arch. Psychiat., Berl., 1924, 71: 754-8.—Jacobsen, T. Behandlung af dementia paralytica med malaria. Hospitalstidende, 1926, 69: Jydske med. Selsk. Forh. 113-31.—Jakob, A. Zum Problem der malariebehandelten Paralyse. Wien. klin. Wschr., 1928, 41: 994-8.—James, S. P. Sur le traitement de la paralysie générale par la malaria en Angleterre et dans le Pays de Galles. Bull. Off. internat. hyg. pub., Par., 1931, 23: 1423-5. —Remarks preceding a demonstration relating to the practice of malarial therapy at Horton. Brit. J. Vener. Dis., 1933, 9: 230-4.—Janzen, E., & Hunter, A. [Results in the malaria treatment of paralytic dementia] Neurotherapie, Amst., 1924, 6: 7-34.—Jiménez, J. V. Parálisis general progresiva y paludismo experimental. Sem. méd., B. Air., 1926, 33: pt 2, 743-7.—Kasperck, E. Ergebnisse der Malariaabehandlung in der Städtischen Heilanstalt für Nerven- und Gemütskranke zu Breslau. Arch. Psychiat., Berl., 1926, 77: 664.—Kihn, B. Ueber einige Erfahrungen mit der Infektionsbehandlung der progressiven Paralyse. Ibid., 1924-25, 72: 287-93.—Klemperer, E. Nachuntersuchungen malarieabgehandelter Paralytiker, bei denen im Jahre 1928 der Kohlenstoffgehalt des Liquor cerebrospinalis bestimmt wurde. Wien. klin. Wschr., 1937, 50: 626-30.—Kuhns, R. H. Fever therapy in dementia paralytica; its status at State hospitals of Illinois. Arch. Phys. Ther., 1936, 17: 167-72.—Laignel-Lavastine, & Bernal. Supériorité de l'impaludation sur les vaccins bactériens et l'arsenic dans le traitement des paralytiques généraux. Discuss. Congr. derm. syph. fr., 1929, 1. Congr., 235-42. Also Sem. hôp. Paris, 1929, 5: 575-9.—Langsam, C. L. Twelve years of malaria treatment in dementia paralytica. Ohio M. J., 1940, 36: 749-51.—Lara, N. A. Dos casos de parálisis general tratados por el paludismo. Rev. méd. Yucatan, 1926-27, 14: 101-7.—Lees, R. Treatment of general paralysis of the insane by induced malaria; note on 50 cases. Brit. M. J., 1931, 2: 336-9.—Levi, P. Malarial treatment at Gowanda State Homeopathic Hospital. Hahnemann. Month., 1926, 61: 452-4.—MacDowell, F. L. H. Malaria therapy in dementia paralytica at the Royal Naval hospital, Great Yarmouth. J. R. Nav. M. Serv., 1934, 20: 222-33.—McIntyre, H. D., & McIntyre, A. P. Malaria inoculation in the treatment of general paralysis; results in 42 cases. Arch. Neur. Psychiat., Chic., 1926, 16: 205-12. Also repr.—Mari, A. Considerazioni sugli esiti lontani della malarioterapia nella paralisi progressiva. Riv. sper. freniat., 1936, 60: 115-22. —Paralytiques généraux traités par le sang malarique et en état de rémission. Bull. Soc. fr. derm. syph., 1926, 33: 160-5. —Le traitement de la paralysie générale par la malarothérapie; résultats. Bull. Soc. méd. Paris, 1930, 375-8.—Marienfeld-Hugues, A. M. Ueber die Ergebnisse der Malaria-Behandlung bei progressiver Paralyse an der psychiatrischen und Nerven-klinik Rostock-Gehlsheim. Psychiat. neur. Wschr., 1926, 28: 436; 443; 455.—Marin Agramunt, J. El valor práctico de la malarioterapia en la parálisis general. Rev. argent. neur., 1928, 2: 300-11.—Martínengo, V. La malarioterapia nella paralisi progressiva; considerazione sugli esiti immediati ed a distanza. Cerebro, 1938, 17: 125-49.—Maudsley, H. F. General paralysis of the insane after malaria treatment. Med. J. Australia, 1927, 2: 67.—Medea, E. A proposito della malarioterapia nella paralisi progressiva. Policlinico, 1929, 26: sez. prat., 924-6.—Meyer, E. Zur Malariaabehandlung der progressiven Paralyse. Deut. med. Wschr., 1926, 52: 313. Also Arch. Psychiat., Berl., 1929, 88: 234-43.—Mingazzini, G. La cura della dementia paralytica con le infezioni di sangue malarico. Difesa sociale, 1924, 3: 59.—Mó, A. Valor de la malarioterapia en el tratamiento de la parálisis general progresiva. Prensa méd. argent., 1925-26, 12: 1117-24.—Neustadt, R. Ergebnisse der Malariaabehandlung der progressiven Paralyse. Psychiat. neur. Wschr., 1926, 28: 411-7.—Nicole, J. E., Harrison, G. J. [et al.] Discussion: a follow-up study of general paralysis with special reference to malarial therapy. Proc. R. Soc. M., Lond., 1936-37, 30: 623-32.—Nyirö, J., & Tokay, L. Ueber die Malaria-therapie der Dementia paralytica mit Rücksicht auf die die Remissionen beeinflussenden Faktoren. Zschr. ges. Neur. Psychiat., 1929, 119: 765-87.—Nyssen, R. A propos de 150 cas de paralysie générale traités par la malaria. C. rend. Congr. alién. neur. France, 1928, 32. Congr., 367-70.—Pastrovich, G. Le esperienze dell'Ospedale psichiatrico di Trieste con la malarioterapia della paralisi progressiva. Cerebro, 1925, 4: 415.—Paulien, D. Les récidives cliniques après la malaria-therapie. Sem. hôp. Paris, 1929, 5: 380.—Perelman, A. A., & Izraelovich, Z. I. [Malarioterapia of progressive paralysis in Azerbaidzhan (Armenia)] Sovrem. psikhonevr., 1929, 9: 699-713.—Pijper, A., & Russell, E. D. Malaria treatment of general paralysis; a report on 44 cases. S. Afr. M. Rec., 1926, 24: 292-305. Also Vener. Dis. Inform., 1926, 7: 275-81.—Pilez, A. Katamnesen von in den Jahren 1923-1928 der Malaritherapie unterworfenen weiblichen Paralytisen. Jahrb. Psychiat. Neur., 1935, 52: 24-30.—Pires, W. Estado actual de tratamiento da paralyse geral, em particular, pela malarioterapia. Arch. brasil. med., 1929, 19: 141-61.—Puca, A. La malarioterapia nella paralisi progressiva. Cerebro, 1927, 6: 32-44.—Prussak, L. Le traitement de la paralysie générale par l'inoculation du paludisme. Encéphale, 1929, 24: 237-50.—Raven. Der heutige Stand der Infektionstherapie der progressiven Paralyse, insbesondere der Malaria-Impfbehandlung und ihre praktischen Ergebnisse. Veröff. Medverwalt., 1926, 21: 17-34.—Read, C. F., Nerancy, J., & Tucker, H. Malaria treatment of institution paresis; report of 59 cases. Illinois M. J., 1927, 51: 54-6.—Ridgway, R. F. L., & Green, E. M. Malaria in the treatment of general paralysis; report of cases. Atlantic M. J., 1925-26, 29: 544-9.—Rizzatti, E. Esiti della paralisi progressiva prima e dopo l'era malarioterapica. Gior. Accad. med. Torino, 1934, 97: pt 2, 73-7.—Salinger, F. Die Ergebnisse der Malariaabehandlung der progressiven Paralyse. Psychiat. neur. Wschr., 1927, 29: 319-22.—Santangelo, G. Per la malarioterapia della demenza paralytica e la sua applicazione in pratica. Note psichiat., Pesaro, 1926, 3. ser., 14: 63-77. —Le ragioni che ostacolano il progresso delle ricerche sulla malarioterapia della demenza paralytica e le direttive future di questi studi; studio critico e contributo clinico. Riv. pat. nerv., 1926, 31: 273-97.—Schmidt, H. Die Paralytiker der letzten 10 Jahre in der Heil- und Pflegeanstalt Klingenmünster. Vereinsbl. pfälz. Aerzte, 1928, 40: 19-23.—Scott, H. B. The present status of the malarial inoculation in the treatment of paresis. Kentucky M. J., 1929, 27: 305-11.—Solomon, H. C., & Epstein, S. H. An analysis of the treatment results in 173 cases of general paresis treated by malaria and other methods. Tr. Am. Neur. Ass., 1934, 60: 215. —Dementia paralytica; results of treatment with malaria in association with other forms of therapy. Arch. Neur. Psychiat., Chic., 1935, 33: 1008-21.—Suckow, H. Ergebnisse der Malariaabehandlung bei progressiver Paralyse und deren kritische Betrachtung. Mschr. Psychiat., 1937, 96: 54-92.—Suckow, J. Bewertung von Ergebnissen früherer und neuester Untersuchungen malarieabgehandelter progressiver Paralytisen. Zschr. ges. Neur. Psychiat., 1938, 161: 558-62.—Taddei, G. Gli esiti della paralisi progressiva curata con la malaria; statistica dell'Istituto psichiatrico di Firenze. Riv. pat. nerv., 1938, 51: 503-23.—Trossarelli, A. Considerazioni ed indagini sulla paretoterapia della paralisi generale progressiva. Policlinico, 1927, 34: sez. prat., 1549-52.—Untersteiner, R. Erfahrungen über die Malariaabehandlung der progressiven Paralyse. Wien. klin. Wschr., 1924, 37: 499.—Vallejo Nágera, A., & González Pinto. Nuestra experiencia clínica sobre la malarioterapia de la parálisis general progresiva. Siglo méd., 1927, 74: pt 2, 545; 569; 597; 625. —Resultados del método de Wagner von Jauregg en la parálisis general. Rev. españ. med. cir., 1928, 11: 3-8.—Value (The) of malarial therapy in dementia paralytica. Brit. M. J., 1926, 2: 603.—Vervaeck, P. Les chances de survie et de guérison des paralytiques généraux; 80 catamnèses 10 ans après la malarisation. J. belge neur. psychiat., 1938, 38: 508-19.—Visser, J. J. [Results of malarial treatment in dementia paralytica; 95 cases] Psychiat. neur. bl. Amst., 1928, 32: 377-93.—Vullien & Guilbert. Paralyse générale et malarothérapie; statistique. Echo méd. nord, 1934, 3. ser., 1: 689-91.—Wagner-Jauregg. Paralysefrequenz in und ausser der Irrenanstalt, unter dem Einflusse der Malariaabehandlung. Mschr. Psychiat., 1928, 68: 678-82.—Warner, G. L. A second report on malarial therapy in general paresis. Psychiat. Q., 1929, 3: 605-16.—Weber, M. Ein Dezenium Malariaabehandlung der progressiven Paralyse. Psychiat. neur. Wschr., 1934, 36: 391; 398.—Weygandt, W. Erfolge und Bedenken bei der Malariaabehandlung der progressiven Paralyse. Ther. Gegenwart, 1926, 67: 63-7. —Behandlung der Paralyse. Zschr. ärztl. Fortbild., 1927, 24: 377-81.—Wild, M. Die Malariaabehandlung in der Heil- und Pflegeanstalt bei Konstanz a. B. Allg. Zschr. Psychiat., 1933, 99: 367-96.—Young, G. A. Experiences with malarial therapy of paresis. Nebraska M. J., 1928, 13: 445-50.—Zalla, M. La cura malarica della paralisi progressiva (esperienze e considerazioni) Rinasc. med., 1924, 1: 374.

Treatment: Malarioterapia: Results: Statistics.

HOFFMANN, W. *Ueber Remissionen bei progressiver Paralyse nach Malariaabehandlung [Leipzig] 15p. 8° Hemau, 1927.

SLIOSBERG, J. *La malariathérapie des paralytiques généraux à la clinique psychiatrique de Bel-Air (Genève) de janvier 1926 à septembre 1930; étude clinique. 22p. 8°. Genève, 1932.

Alurralde, M., Sepich, M. J., & Boisbehere, R. B. Resultados de la malarioterapia en una serie de veinte parálisis generales. Sem. méd., B. Air., 1927, 34: pt 2, 1804-12.—Bahr, M. A., & Breutsch, W. L. Two years' experience with the malarial treatment of general paralysis in a State institution; clinical, serological and autopsy observations in 100 cases. Am. J. Psychiat., 1927-28, 7: 715-27, pl.—Bennett, J. E., Polozker, I. L., & Altschuler, I. M. A study of 278 cases of general paresis treated with malaria at Eloise Hospital, Eloise, Mich. J. Michigan M. Soc., 1929, 28: 241-4.—Bunker, H. A., jr., & Kirby, G. H. The treatment of general paralysis by inoculation with malaria; fourth-year results. J. Am. M. Ass., 1928, 90: 760-2. — The place of malaria in the treatment of general paralysis; a survey of 4½ years' experience in the use of this mode of therapy. Med. J. & Rec., 1928, 127: 173-7.—Carrière, R. Ergebnisse der Paralysebehandlung in Skandinavien. Psychiat. neur. Wschr., 1931, 33: 148-50.—Claude, H., & Masquin, P. Le devenir des paralytiques généraux malarisés; expérience de 9 ans de malariathérapie. Presse méd., 1933, 41: 2005-10.—Claude, H., Targowla, R., & Robin, G. Résultats de la malariathérapie dans 3 cas de paralysie générale. Bull. Soc. méd. hôp. Paris, 1927, 51: 510-5.—Dattner, B. Weitere Epikrisen malariebehandelter Paralytiker. Klin. Wschr., 1930, 9: 2425-9.—DeAsis, C. Malaria as a therapeutic agent for paresis; an analysis of 101 patients treated at the Worcester State Hospital. Arch. Neur. Psychiat., Chic., 1929, 22: 752-66.—Ebaugh, F. G. The treatment of general paresis by inoculation with tertian malaria, the results of the first year's experience. Colorado M., 1927, 24: 163-73.—Gans, A. Die Resultate der Malariainfektion der Dementia paralytica im Provinzialen Ziekenhuis nabij Santpoort. Neurotherapie, Amst., 1927, 9: 29-34.—Guilain, G., & Péron, N. Les résultats de la malariathérapie chez les paralytiques généraux à la clinique des maladies nerveuses de la Salpêtrière. Bull. Acad. méd., Par., 1929, 3, ser., 102: 538-45.—Haas, J. Ergebnisse der Malariabehandlung der progressiven Paralyse. Zschr. ges. Neur. Psychiat., 1931, 137: 61-81.—Hendriksen, V. Untersuchungen über das Resultat der Malariabehandlung bei Dementia paralytica. Acta psychiat. neur., Kbh., 1931, 6: 13-36.—Janzen, E. Erfahrungen zur Malariatherapie der Dementia paralytica. Neurotherapie, Amst., 1927, 9: 35-40.—Langer, M. Malariabehandlung bei progressiver Paralyse in der Landesanstalt Grossschweidnitz. Psychiat. neur. Wschr., 1933, 35: 18-22.—Levin, H. L. The results of malaria treatment of paresis (report of 100 cases) N. York State J. M., 1928, 28: 562-4.—Materna, A. Entzogenung auf die vorstehenden Bemerkungen Wagner-Jauregg's. Wien. klin. Wschr., 1931, 44: 1372.—Nicol, W. D. A review of 7 years' malarial therapy in general paralysis. J. Ment. Sc., Lond., 1932, 78: 843-66.—Olavide, J. Paludización en parálisis general progresiva: factores que influyen en sus resultados. An. Hosp. S. José, Madr., 1929-30, 1: 263-7.—Omaru, I., & Eguchi, H. Statistische Betrachtungen über den Erfolg der Malariabehandlung bei 260 Paralytikern. Fukuoka acta med., 1932, 25: 168.—Pfeifer, B., & Rohden, F. von. Sechss Jahre Malariatherapie der Paralyse in der Landesheilanstalt Nettleben. Deut. Zschr. Nervenhe., 1931, 117: 119: 409-90.—Pons Balmes, J. Remisiones terapéuticas postpalúdicas en la parálisis general progresiva. Rev. méd. Barcelona, 1932, 18: 471-8.—Reid, B. General paralysis: results of 8 years of malarial therapy. J. Ment. Sc., Lond., 1932, 78: 867-77.—Richard, R. La malariathérapie à Saint-Jean-de-Dieu. Union méd. Canada, 1928, 57: 73-80.—Rodríguez Arias, B., & Pons Balmes, J. La malarioterapia en la parálisis progresiva; resultados personales. Arch. med., Madr., 1928, 28: 615-7.—Sarian, D. La terapia malarica nella paralisi generale progressiva. Minerva med., Tor., 1927, 7: 1347-51.—Smith, T. C. General paralysis with malarial therapy, report on treatment of 137 cases. Bull. Battle Creek Sanit., 1931, 26: 48-53.—Stanley, A. M. The present status of 181 cases of general paralysis 4 or more years after treatment with malaria. Psychiat. Q., 1932, 6: 310-3.—Steel, J. P., & Nicole, J. E. Malarial therapy in general paralysis of the insane; a review of 3 years' work. Lancet, Lond., 1927, 1: 484-6.—Störing, E. Katamnestische Erhebungen und weitere Ergebnisse der Malariabehandlung der progressiven Paralyse. Arch. Psychiat., Berl., 1930, 91: 450-62.—Stone, C. W. Clinical results procured in the malarial treatment of general paresis. Canad. M. Ass. J., 1927, 17: 1119-23.—Vallejo Najera, A., & González Pinto, H. Nos experiencias en le traitement de la paralysie générale par l'impaludisation. Monde méd., 1929, 39: 1050-4.—Wagner-Jauregg. Einiges über die Behandlung der progressiven Paralyse durch Impf-Malaria. Neurotherapie, Amst., 1927, 9: 17-28.—Walther, F. Die Malariabehandlung der progressiven Paralyse und unsere Resultate in der Waldau. Schweiz. med. Wschr., 1931, 61: 680-6.—Weissfeld, M. Progressive Paralytiker vor und nach der Malariabehandlung. Zschr. ges. Neur. Psychiat., 1933, 146: 661-91.—Westphal, A., & Bach. Vorläufige Mitteilung über die ersten hundert mit Malaria behandelten Fälle von progressiver Paralyse. Derm. Zschr., 1928, 53: 707-16.

Treatment: Malariotherapy: Technic.

See also Malariotherapy.

CHAVASTELON, A. *Thérapeutique intra cérébrale de la paralysie générale; l'impaludation cérébrale; technique; résultats. 85p. 8°. Par., 1936.

COHN, Z. *Contribution à l'étude de l'impaludation répétée dans le traitement de la paralysie générale. 77p. 8°. Par., 1930.

JOURNE, H. *Etude expérimentale du paludisme dans la malariathérapie. 78p. 8°. Par., 1932.

Barbeau, A. A propos de réimpaludations. Union méd. Canada, 1934, 63: 332-42.—Bonhour, A. La malarioterapia en la parálisis general progresiva; período de aplicación; agentes pirogenos; técnica a seguir; inconvenientes y contraindicaciones; terapéutica complementaria. Acción méd., B. Air., 1940, 10: 743.—Boone, J. E. The management of therapeutic malaria for syphilis meningo-encephalitis (general paresis) J. S. Carolina M. Ass., 1935, 31: 173-6.—Boyd, M. F., & Stratman-Thomas, W. K. A controlled technique for the employment of naturally induced malaria in the therapy of paresis. Am. J. Hyg., 1933, 17: 37-54. Also repr.—Kitchen, S. F. Modifications in a technique for the employment of naturally induced malaria in the therapy of paresis. Am. J. Trop. M., 1936, 16: 323-9.—Bravetta, G. Reporti emparassitarii e malarilogici nella cura della paralisi generale progressiva con la malaria. J. Note psichiat., Pesaro, 1926, 3, ser., 14: 1-25.—Brown, J. Y. The care, inspection and transportation of live anophels for use in the malaria therapy of general paralysis. West Afr. M. J., 1933, 7: 78-81.—Claude, H., & Targowla, R. Malariathérapie de la paralysie générale. Prophyl. antivénér., Par., 1929, 1: 335-9.—Ducoate, M. Cerebral malaria inoculation in the treatment of general paralysis. Fever Ther., N. Y., 1937, 148-50.—Fracassi, T. Seromalarioterapia de la parálisis general. Sem. méd., B. Air., 1932, 39: 288.—Grillo, J. Ueber Misch- und Sekundärfektionen. Klin. Wschr., 1935, 14: 83-6.—Hanau, G. Malariaterapia e rendimento massivo della paralisi progressiva. Gazz. osp., 1934, 55: 1349-52.—Hartenberg, P. Traitement de la paralysie générale par l'inoculation du paludisme. Clinique, Par., 1927, 22: 51.—Hosomi, S., & Yoshino, M. On the malaria treatment against general paralysis paying special attention toward malaria plasmodiae. Sei i kwai, 1927, 46: No. 2, 10-2.—Humann, J. Technique de la cure malarique de la paralysie générale à la clinique de neuropsychiatrie de Vienne. Progr. méd., Par., 1934, 513-20.—Kauders, O. Sulla tecnica della preparazione del sangue malarico per il trattamento della paralisi progressiva secondo Wagner-Jauregg. Biochim. ter. spet., Milano, 1926, 13: 33-7.—Ueber Nachbehandlung nach Malariatherapie. Deut. med. Wschr., 1930, 56: 400.—Ueber die Nachbehandlungsperiode nach Malariabehandlung der progressiven Paralyse. Mitt. Volksgesundh., Wien, 1932 [Aerzt. Prax.] 140.—Kaufmann, A. Chininresistenz und Rezidive bei therapeutischer Malaria. Med. Welt, 1929, 3: 1190.—Kusch, E., Milan, D. F., & Stratman-Thomas, W. K. General paresis treated by mosquito-inoculated vivax (tertian) malaria. Am. J. Psychiat., 1936-37, 93: 619-24. Also repr.—Laignel-Lavastine. L'impaludation des paralytiques généraux; sa technique, sa valeur. Sem. hôp. Paris, 1930, 6: 493-508.—Ley, A. Traitement de la paralysie générale par l'inoculation de la malaria tierce. C. rend. Congr. alién. neur. France, 1924, 28. Congr., 183-90.—Marginesu, P. Contributo allo studio dell'infezione malarica sperimentale. Gior. clin. med., 1929, 10: 575-87.—Modena, G., & De Paoli, N. Tentativi di cura della paralisi generale progressiva con innesto di malaria terzana. Policlinico, 1924, 31: sez. prat., 289-91.—Mras, F. Ueber den Verlauf der Impfmalaria. Wien. klin. Wschr., 1926, 39: 101.—Nath, M. The treatment of general paralysis with tertian malaria. Hahnemann. Month., 1926, 61: 454-60.—Nicol, W. D. The care and management of induced malaria. J. Ment. Sc., Lond., 1927, 73: 209-17.—Monkey malaria in G. P. I. Brit. M. J., 1935, 2: 760.—Nicole, J. E., & Steel, J. P. Some results of a second induction of malaria in general paralysis of the insane. J. Neur. Psychopath., Brist., 1926-27, 7: 208-12.—Nyirö, J. Erfahrungen bezüglich 70 Passagen eines Malarienstammes bei der Behandlung der Paralyse. Psychiat. neur. Wschr., 1930, 32: 369; 382.—Palisa, C. Beobachtungen während des Malariabefalls bei progressiver Paralyse. Wien. klin. Wschr., 1937, 50: 1001-4.—Plehn, A. Die Behandlung der progressiven Paralyse mit Malaria tropica. Med. Klin., Berl., 1927, 23: 1061.—Polesán, M. [Dattner's method of treatment in paralysis] Orv. hetil., 1929, 73: 213.—Rieux, J. Note complémentaire au sujet de la malariathérapie. Rev. gén. clin. théor., 1928, 42: 215.—Rubinstein, B. N. Die Behandlung der Impfmalaria bei Paralytikern mit dem neuen synthetischen Präparat Aerichin. Arch. Schiffs Tropenhyg., 1936, 40: 167-9. Also Nevropat. psikiat., 1936, 5: 1387-92.—Rudnev, G. P., & Besovtsev, K. G. [Parasitological and haematological observations in progressive paralysis in artificial infection with tertian malaria] Russ. klin., 1925, 3: 866-90.—Rudolf, G. de M. Some aspects of therapeutic malaria. Proc. R. Soc. M., Lond., 1925-26, 19: Sect. Trop. Dis. Parasit., 27-39.—Ramsay, J. C. Enumeration of parasites in thera-

peutic malaria. *J. Trop. M. Hyg.*, Lond., 1927, 30: 1-8.—**Schube, P. G.**, & **Prescott, B. D.** The effect of copper and iron upon the secondary anemia of therapeutic malaria in general paresis. *J. Lab. Clin. M.*, 1938-39, 24: 346-52.—**Schulze.** Die wirtschaftliche Auswirkung der Malaria-therapie bei der progressiven Paralyse. *Psychiat. neur. Wschr.*, 1926, 28: 325-7.—**Serrefettin, O.** Behandlung der Paralyse mit Malaria quartana und tropica. *Arch. Schiffs Tropenhyg.*, 1935, 39: 20-3.—**Simon, T.** [Cure of malaria of general paralysis.] *Orvostud. közl.*, 1940, 1: 15-7.—**Sioli, F.** Prüfung des Plasmodiums bei der Impfmalaria der Paralytiker. *Naturwissenschaften*, 1926, 14: 1160-2.—**Kentenich, A.**, & **Boldt, E.** Weitere Erfahrungen über die Zucht der Anopheles und ihre Verwendung in der Malaria-therapie der Paralytiker. *Arch. Schiffs Tropenhyg.*, 1939, 43: 1-15.—**Sioli, F.**, **Kentenich, A.**, & **Vollmer, O.** Ueber die Zucht der Anopheles und die Verwendung der Anopheles zur Malaria-therapie der Paralytiker. *Zschr. ges. Neur. Psychiat.*, 1936, 155: 783-97.—**Smith, A. W. H.** Therapeutic malarialization of general paralysis in the tropics. *J. Ment. Sc.*, Lond., 1933, 79: 94-101.—**Targowla, R.** Conduite à tenir dans la malarothérapie de la paralysie générale. *Prat. méd. fr.*, 1933, 14: 320-8.—**Van Rooyen, C. E.**, & **Pile, G. R.** Observations on infection by Plasmodium knowlesi (ape malaria) in the treatment of general paralysis of the insane. *Brit. M. J.*, 1935, 2: 662-6.—**Voitel, K. H.** Ueber die Wirkung des Eosins bei der Abstellung der therapeutischen Impfmalaria. *Klin. Wschr.*, 1926, 5: 2117.—**Wagner-Jauregg.** Ueber Impfmalaria. *Wien. med. Wschr.*, 1927, 77: 753.—**Ueber maximale Malaria-therapie der progressiven Paralyse.** *Klin. Wschr.*, 1934, 13: 1028-31.—**Wethmar, R.** Biologische Betrachtungen zur Impfmalaria. *Allg. Zschr. Psychiat.*, 1929-30, 92: 203-7.—**Williams, J. U.**, & **Lynch, P. P.** A note on the treatment of general paralysis by inoculation with benign tertian malaria. *N. Zealand M. J.*, 1925-26, 24: 67.—**Winckel, W. F.** [Dementia paralytica treated with quartan malaria] *Ned. tschr. geneesk.*, 1934, 78: 331-2.—**Winckel, C. W. F.** [Artificial quartan malaria] *Ibid.*, 445-75.—**Wittenstein, A.** Zur Chininempfindlichkeit der Impfmalaria. *Deut. med. Wschr.*, 1929, 55: 1959.—**Yorke, W.**, & **Macfie, J. W. S.** Observations on malaria made during treatment of general paralysis. *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1924-25, 18: 13-44.—**Yung, M. D.**, **Stubbs, T. H.**, & **Coatney, G. R.** Studies on induced quartan malaria in Negro patients; periodic phenomena of the asexual cycle. *Am. J. Hyg.*, 1940, 31: Sect. C, 51-9.

Treatment: Mercury.

See also subheadings Etiology: Antisiphilic treatment: Treatment: Chemotherapy.

ANGELI, N. *Contribution à l'étude du traitement mercuriel intensif et de ses résultats dans la paralysie générale. 71p. 8° Par., 1910.

Ferreira de Lacerda, A. Quelques observations sur le traitement mercuriel intensif de la paralysie générale. *C. rend. Congr. internat. méd.*, 1906-7, 15. Congr., sect. 7, 658-86.—**L. C.** Le traitement spécifique de la paralysie générale. *Tribune méd.*, 1907, n. ser., 39: 455.—**Petry, H. K.** The intravenous use of mercuric cyanide in terminal general paralysis. *Arch. Neur. Psychiat.*, Chic., 1927, 17: 804-6. Also repr.—**Pinaud, M.**, **Vernier, P.**, & **Versini.** Résultats de différentes thérapeutiques dans un cas de paralysie générale; négativation de la réaction de Bordet-Wassermann dans le liquide céphalo-rachidien par des injections intrarachidiennes de mercure colloïdal. *Bull. Soc. méd. hôp. Paris*, 1928, 3. ser., 52: 1456-60.—**Raymond.** Des dangers de la médication mercurielle intensive dans le traitement de la paralysie générale. *C. rend. Congr. internat. méd.*, 1906-7, 15. Congr., sect. 15, 382-9.—**Roux, J.** Le traitement spécifique de la paralysie générale. *Loire méd.*, 1907, 26: 89-100 [Discussion] 130.

Treatment: Metals.

See also subdivisions of Treatment (Arsenicals; Bismuth; Mercury)

Milian, G., & **Delamare.** Paralyse générale en évolution régressive à Wassermann irréductible réduit par l'or. *Bull. Soc. fr. derm. syph.*, 1934, 41: 753-8.—**Sézary, A.**, & **Barbé, A.** L'action des sels d'or sur la paralysie générale. *Ibid.*, 866-70.—**Smith, J. C.** Ueber die Behandlung von Dementia paralytica mit Argotropin und Antisiphilica. *Acta psychiat. neur.*, Kbh., 1927, 2: 355-70. [Argotropin in dementia paralytica] *Hospitalstidende*, 1927, 70: 560-74.]

Treatment: Methods.

COULLOUDON, J. *Contribution à l'étude du traitement de la paralysie générale. 179p. 8° Par., 1932.

CROZAT, R. G. *Contribution à l'étude du traitement moderne de la paralysie générale. 135p. 8° Par., 1935.

HUSSLES, H. A. W. *Ueber die Behandlung der progressiven Paralyse mit Natrium nucleicum [Kiel] 21p. 8° Berl., 1911.

MAHR, P. M. K. *Ein Beitrag zur Behandlung der progressiven Paralyse. 26p. 8° Jena, 1911.

Bériel, M. Les données récentes de la paralysie générale et la recherche d'une thérapeutique. *Bull. Soc. méd. hôp. Lyon*, 1913, 11: 669-707.—**Bonhoeffer.** Bemerkungen zur Therapie und Diagnose der progressiven Paralyse. *Med. Klin.*, Berl., 1910, 6: 2035.—**Bunker, H. A., jr.** Recent methods in the treatment of general paralysis; a brief survey. *Am. J. Psychiat.*, 1928-29, 8: 681-94.—**Cerletti, U.** Nuovi tentativi nella terapia della paralisi progressiva. *Rass. clin. ter.*, 1914, 13: 529-40.—**Donath, G.** [Treatment of progressive paralysis by injections of sodium nucleate] *Orv. hetil.*, 1909, 53: 711-3. Also *Budapest orv. ujs.*, 1910, 8: 687. Also *Berl. klin. Wschr.*, 1910, 47: 2343-6. Also *Wien. klin. Wschr.*, 1912, 25: 2008.—**Estense, B. G. S.** Recenti tentativi di cura della demenza paralitica. *Riv. sper. freniat.*, 1907, 23: 701-9.—**Evans, B. D.**, & **Thorne, F. H.** The treatment of paresis (preliminary report) *Proc. Am. Med. Psychol. Ass.*, 1915, 22: 235-74 [Discussion] 280. Also *Am. J. Insan.*, 1916, 72: 623-42.—**Ewen, J. H.** Adjuvants to the malarial treatment of general paralysis. *Lancet*, Lond., 1930, 2: 690.—**Fassou, S.**, & **Mouchette.** La paralysie générale au Centre d'hygiène mentale de Marseille. *Marseille méd.*, 1939, 76: 753-5.—**Fischer, O.** Ueber die Wirkung des Nucleins auf den Verlauf der progressiven Paralyse. *Prag. med. Wschr.*, 1909, 34: 401.—**Hall, J. K.** Paresis; a look on recent therapy. *Virginia M. Month.*, 1918-19, 45: 157-9.—**Hoverson, E. T.**, & **Morrow, G. W.** The treatment for general paresis by means of the electric cabinet arsenicals and typhoid vaccine. *Illinois M. J.*, 1933, 64: 547-50.—**Jacobson, A. K.**, & **Grinevich, V. S.** [Modern methods in the treatment of progressive paralysis] *Vener. derm.*, Moskva, 1929, 6: 9: 5.—**Jurman, N. A.** [Recent observations on the treatment of progressive paralysis with injections of sodium nucleate] *Psikhiat. gaz.*, S. Peterb., 1914, 1: 7: 24.—**Klaar, J.** Bemerkungen zu dem Aufsatz: Kutzinski, Beitrag zur Paralysebehandlung. *Med. Klin.*, Berl., 1925, 21: 667.—**Klueberger, O. L.** Die Behandlung der progressiven Paralyse mit Natrium nucleicum. *Berl. klin. Wschr.*, 1911, 48: 330-3.—**Largeau.** Traitement de la paralysie générale. *Rev. gén. clin. théor.*, 1929, 43: 262-4.—**Lasarev, I. V.** [Treatment of general paralysis with ammonia chloride] *Sovet. psikhonevr.*, 1933, 9: 68.—**Lomer, G.** Heilversuche bei zwei Fällen von hiesiger Spätform. *Allg. Zschr. Psychiat.*, 1913, 70: 135-45.—**Merigot de Treigny, P.** Les nouveaux traitements de la paralysie générale. *Paris méd.*, 1924, 51: 299.—**Meyer.** Zur Behandlung der progressiven Paralyse. *Münch. med. Wschr.*, 1912, 59: 2704.—**Moretti, A.** Sul valore terapeutico del nucleinato di sodio nella paralisi progressiva e nella demenza precoce. *Rass. stud. psichiat.*, 1903, 3: 269-77.—**Naumov, F. A.** [Blood transfusion in grave forms of general paralysis] *Sovet. psikhonevr.*, 1937, 13: 67.—**Nerancy, J. T.** Drugs and malaria in treatment of paresis. *Welf. Mag.*, Pontiac, 1926, 17: No. 2, 45-9.—**Pinaud, M.** A propos du traitement de la paralysie générale. *Discuss. Congr. derm. syph. fr.*, 1929, 4. Congr., 225-9.—**Rabut, R.** Les traitements modernes de la paralysie générale. *Hôpital*, 1929, 17: 743-6.—**Rotter, J.**, & **Knopp, J. A.** Treatment of a case of general paresis by means of Coley's fluid. *J. Kansas M. Soc.*, 1927, 27: 304.—**Sacristán, J. M.** Un nuevo tratamiento de la parálisis general según F. Plaut. *Siglo méd.*, 1920, 67: 648.—**Sagel.** Berichte über eine neue Methode der Paralysebehandlung. *Klin. Wschr.*, 1926, 5: 1393.—**Schmidt, H.** Die moderne Behandlung der progressiven Paralyse. *Vereinsbl. pfälz. Aerzte*, 1926, 38: 176; 186.—**Shinkle, C. E.** Technique of the modern treatment of paresis. *J. Med. Cincin.*, 1933, 14: 343-50.—**Szeczody, I.** [Therapeutic blood transfusion in general paralysis] *Orv. hetil.*, 1933, 77: 673-6. Also *Psychiat. neur. Wschr.*, 1933, 35: 267; 283.—**Szedlák, O.** [Treatment of progressive paralysis with sodium nucleicum] *Orv. hetil.*, 1914, 58: 392.—**Thoma, E.** Beitrag zur Behandlung der progressiven Paralyse. *Allg. Zschr. Psychiat.*, 1926, 85: 262-81.—**Tsiminakis, C.** Nucleinsäurebehandlung der progressiven Paralyse. *Wien. klin. Wschr.*, 1912, 25: 1939-42.—**Valkar.** [On the treatment of progressive paralysis with sodium nucleate] *Obozr. psikhiat.*, 1911, 16: 647-50.—**Weisz, M.** Wie sollen geschwächte Paralytiker behandelt werden? *Psychiat. neur. Wschr.*, 1928, 30: 202-4.—**Yurman, N. A.** [Treatment of progressive paralysis by injections of sodium nucleate] *Russ. vrach.*, 1911, 10: 1756; 1791.—**Ziskind, E.** General paresis; the use of drugs in its treatment. *California West M.*, 1935, 43: 21-4.

Treatment: Nursing, and care of patient.

See also subheading Social aspect.

BRATANOVA, G. *Le placement familial des paralytiques généraux fixés après traitement. 47p. 8° Par., 1938.

Demay, G. Faut-il interdire aux asiles ruraux d'hospitaliser les paralytiques généraux impulsifs? *Ann. méd. psychol.*, Par., 1934, 92: 94-100.—**Furbush, E. M.** General paralysis in state hospitals for mental disease. *Ment. Hyg.*, Alb., 1923, 7: 565-78.—**Kihn, B.** Die Behandlung der Paralyse nach Abschluss der Infektionstherapie. *Nervenarzt*, 1933, 6: 281-9.—**Koester, F.** Ueber die nach sozialen Gesichtspunkten erfolgten Nachuntersuchungen der unter Fürsorge stehenden behandelten Paralytiker. *Arch. Psychiat.*, Berl., 1932-33, 98: 223-30 —

Kryspin-Exner, W. Ueber die Aufgaben der Heil- und Pflegeanstalt im Krankheitsverlauf infektionsbehandelter Paralytiker. Psychiat. neur. Wschr., 1933, 35: 291-5.—Leroy, A. Des mesures de protection à prendre en faveur des paralytiques généraux améliorés par l'impaludation. J. neur. psychiat., Brux., 1929, 29: 153-64.—Sivodon, P., & Bratanova, G. Indications du placement familial des paralytiques généraux traités (thérapeutique et assistance). Ann. méd. psychol., Par., 1938, 96: pt 2, 588-94.—Spira, J. E. General paralysis of the insane; interesting case. Nurs. Times, Lond., 1939, 35: 1222-4.

— Treatment: Principles.

HASELMANN, R. *Ueber die verschiedenen Formen der progressiven Paralyse und ihre Beziehung zum Behandlungserfolge [Halle] 15p. 22½cm. Würzb., 1937.

Barbier, J. Ought we to treat the syphilis of general paralytics? Med. Press & Circ., Lond., 1932, 134: 147-50.—Braam Houckgeest, A. Q. van. Over de behandeling bij dementia paralytica. Ned. tscr. geneesk., 1917, 1: 281-94.—Caldwell, W. A. A survey of probable prognostic factors in the treatment of general paralysis. Brit. M. J., 1931, 2: 1129.—De Marco, A., & Zara, E. Considerazioni sulla terapia della paralisi progressiva. Minerva med., Tor., 1934, 25: 587-90.—Kharchenko, F. F. [Hemato-encephalitic barrier in treatment of general paralysis] Sovet. psikhonevr., 1933, 9: 83-7.—Lorenz, W. F. The treatment of paresis in the light of recent discoveries. Wisconsin M. J., 1913-14, 12: 95-8.—Pollack, B. Modern considerations in the management and treatment of cases of general paresis. Ind. J. Vener. Dis., 1938, 4: 1-9.—General paresis; biologic and serologic variants affecting the results of treatment. N. York State J. M., 1939, 39: 431-8.—Sézary, A. Remarques sur les traitements actuels de la paralysie générale. Presse méd., 1935, 43: 1207.—Urstein, M. [Nature of progressive paralysis and action of therapeutic remedies in that disease] Med. kron. lek., Warsz., 1913, 48: 1006-10.—Vallejo Nágera, A. Sobre las bases para la calificación de las remisiones terapéuticas de la demencia parafítica. Arch. neurob., Madr., 1927, 7: 64-80.

— Treatment: Radiotherapy.

Liberman, D. L., & Spark, I. Ultraviolet irradiation as an adjuvant to the chemotherapy of syroresistant dementia paralytica. Med. Bull. Veterans Admin., 1940-41, 17: 33-44.—Marinesco, G. Die Radiotherapie der progressiven Paralyse. Klin. ther. Wschr., 1910, 17: 527.—Marinesco, M. T. [Radiotherapy in progressive paralysis] J. nevropat. psikiat., Moskva, 1910, 10: 1224-7.—Mella, H., & O'Neil, R. T. Ultraviolet irradiation in general paresis. Med. Bull. Veterans Admin., 1932, 9: 29-32.—Severeanu, L. La radiothérapie dans la paralysie générale avec quelques observations sur la radiothérapie des organes profonds. C. rend. Congr. internat. physiothér., 1911, 3. Congr., 620-6.

— Treatment: Results.

TURIN, J. *Considerations critiques sur les thérapeutiques modernes de la paralysie générale. 61p. 25cm. Lyon, 1937.

Aragon, E. O. Comentario al trabajo del Dr Samuel Ramírez Moreno titulado Valoración a través del tiempo de la terapéutica de la parálisis general progresiva. Gac. méd. México, 1937, 67: 449-53.—Benedek, L. Der heutige Stand der Behandlung der progressiven Paralyse. Abh. Neur. Psychiat., 1926, H. 34, 1-219.—Carlisle, C. L., & O'Neil, R. T. Results of extraintensive treatment of general paralysis of the insane. Med. Bull. Veterans Admin., 1934, 10: 309; 11: 31.—Cattier, Observations of a case of general paralysis treated by malaria therapy and chemotherapy. Urol. Cut. Rev., 1926, 30: 457.—Daumézon, G., Masson, J. [et al.] P. G. à forme démentielle depuis 2 ans non traitée. Strasbourg méd., 1938, 98: 426.—Dujardin, B. Le traitement de la paralysie générale; état de la question. Ann. mal. vénér., 1929, 24: 241-63.—Engel. Die Behandlung der progressiven Paralyse; eine zusammenfassende Literaturstudie. Zschr. ges. Neur. Psychiat., 1911, 4: Ref., 529-71.—Fischer, O. Ueber die Aussichten einer therapeutischen Beeinflussung der progressiven Paralyse. Ibid., 1910-11, 4: Orig., 482-90. Also Münch. med. Wschr., 1911, 58: 604.—Furman, I. J. Treatment of general paralysis; results obtained in a series of 500 cases. State Hosp. Q., Alb., 1924-25, 10: 96-109.—Goldenberg, M. A. [Comparative evaluation of methods in treatment of general paralysis] Sovet. psikhonevr., 1933, 9: 57-63.—Gray, E. V., & Bohn, R. W. Comparison of malaria and trypanamide in the treatment of general paralysis. J. Am. Inst. Homeop., 1930, 23: 577-83.—Hinsie, L. E., & Blalock, J. R. Treatment of general paralysis; results in 197 cases treated from 1923-26. Am. J. Psychiat., 1931, 11: 541-57.—Hopgood, E. P. Treatment of general paresis at the Nova Scotia Hospital. Nova Scotia M. Bull., 1940, 19: 257-9.—Hudovernig, K. Ueber den Wert der neueren Behandlungsarten der progressiven Paralyse. Neur. Zbl., 1916, 35: 69-75.—Kirby, G. H. The treatment of general paralysis, with special reference to trypanamide and malaria treatment. State Hosp. Q., Alb., 1925-26, 11: 559-86. Also Ontario J. Neuropsychiat., 1928, 16-37.—Kusch, E. Report of cases of general paresis treated by modern methods. Psychiat. Q., 1935, 9: 642-50.—

Largeau, R., & Conte, M. Résultats du traitement de 29 cas de paralysie générale. Paris méd., 1935, 97: 145-7.—Levin, H. L. Treatment of general paresis; comparative results. Psychiat. Q., 1935, 9: 636-41.—Loman, J. Comparison of treated and untreated cases of general paresis. Bull. Massachusetts Dep. Ment. Dis., 1931, 15: 18-25.—MacKenzie, O. R. Comparison of old and modern treatments of dementia paralytica over a period of 22 years. Arch. Neur. Psychiat., Chic., 1938, 40: 195.—Matthews, R. A., Bookhammer, R. S., & Izlar, W. H. Paresis: an analysis of 511 treated cases. Am. J. Psychiat., 1937-38, 94: 1259-75.—Moore, J. W. Some remarks on general paresis with special reference to the value of treatment. In Seale Hayne Neur. Stud., Lond., 1918-20, 1: 313-8.—Ossipov, V. Sur le traitement de la démence paralytique. Ann. méd. psychol., Par., 1928, 86: 100-9.—Payse, C. Sobre el tratamiento de la parálisis general. Rev. méd. Uruguay, 1912, 15: 93-7.—Pojoga, N. [On the duration of life of patients with general progressive paralysis treated by salvarsan and of those treated by malaria therapy] Wien. med. Wschr., 1939, 89: 672.—Pool, A. Dementia paralytica; therapeutic measures and results. J. Neur. Psychopath., Brist., 1929, 10: 21-32.—Ramírez Moreno, S. Valoración a través del tiempo de la terapéutica en la parálisis general progresiva. Gac. méd. México, 1937, 67: 228-51, ch.—Reese, H. H. A comparison of malarial and trypanamide therapy in paresis. Wisconsin M. J., 1926, 25: 289-92.—Revalet d'Allonnes, G. Que penser des nouveaux traitements de la paralysie générale? Sem. méd., B. Air., 1927, 34: 775-7.—Riazanoway, V. S. [Observations on the treatment of progressive paralysis in psychosis] J. psikhol. nev., Moskva, 1923, 2: 255-64.—Salvat Marli, J. Los nuevos tratamientos de la parálisis general: estudio general del problema; su estado actual. Rev. españ. med., 1926, 9: 140-3.—Schelm, G. W., & Hubbs, R. S. Observation of the results of the modern treatment of dementia paralytica over a period exceeding 6 years; a study of 172 cases. Med. Bull. Veterans Admin., 1932, 9: 18-28.—Schmuttermayer, F. Klinische und therapeutische Erfahrungen an den Paralysefällen der Innsbrucker Psychiatrisch-Neurologischen Klinik 1922-32. Mschr. Psychiat., 1937-38, 97: 321-67.—Sézary, A., & Barbé, A. Etude comparée de la malarithérapie et de la stovarsolthérapie dans la paralysie générale. Discuss. Congr. derm. syph. fr., 1929, 4. Congr., 196-202.—Shand, G. E. Old and new methods of treatment in general paralysis; a comparison of results. J. Ment. Sc., Lond., 1929, 75: 250-6.—Somogyi, I. Ueber den therapeutischen Wert der Malariaimpfung, Milchinjektionen und der spezifischen Behandlung bei progressiver Paralyse. Arch. Psychiat., Berl., 1927, 80: 312-33.—Stoddart, W. H. B., Purves-Stewart, J. [et al.] Discussion on prognosis and treatment of general paralysis of the insane. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Psychiat. Neur., 29-68.—Villacián, J. M. Nuestros resultados terapéuticos en la parálisis general. Arch. neurob., Madr., 1932, 12: 175-84.—Wheelock, M. C. The treatment of paresis; based on an analysis of 113 patients. J. Iowa M. Soc., 1937, 27: 106.

— Treatment, specific.

PARISH, J. VON. *Experimentelle Beiträge zur Frage der aktiven Immunisierungsbehandlung der progressiven Paralyse mit lebender Kultur von Spirochaeta pallida [Leipzig] 42p. 8° [Zeulenroda] 1927.

Sagel, W. Versuche, diejenigen Fälle von Dementia paralytica, die durch Rekurrenzimpfungen und andere Massnahmen unbeeinflusst geblieben waren, mit lebenden Stämmen von Spirochaeta pallida zu behandeln. Deut. med. Wschr., 1926, 52: 778-81.

— Treatment, surgical.

La Cava, G. Rachianesthesia e paralisi progressiva. Policlinico, 1934, 41: sez. prat., 1206-11.—Meigar, R., & Costa, A. J. Síndrome de mal epilético a forma jacksoniana en un parafítico general curado por la craneotomía decompresiva temporaria. Prensa méd. argent., 1934, 21: 2025-33.—Passek, V. P. [Conditions of penetrability of staining materials into the parenchyma of the brain; on the possibility of surgical treatment of progressive paralysis] Obozr. psikiat., 1913, 18: 729-31.—[Surgical treatment of progressive paralysis] Sezd Rossiysk. khirurg., 1914, 13. Congr., 132 [Discussion] 146-8.

— Type.

See also subheading Manifestations.

STEPHAN, K. [J. H.] *Das Prozentverhältnis der verschiedenen Verlaufsformen der progressiven Paralyse aus der Landesirrenanstalt zu Neu-Ruppin. 23p. 8° Lpz., 1907.

ULRICH, M. *Beiträge zum klinischen Bilde der progressiven Paralyse [Freiburg i. B.] 81p. 8° Berl. [1908]

Allen, C. L. The changing type of general paresis. South. California Pract., 1911, 26: 350-4.—Ballet, G. Paralysie générale à type discontinu. Encéphale, 1912, 1: 479.—Beche-

rucci, L. Sopra una rara forma di paresi. Med. prat., Nap., 1926, 11: 6-10.—Bostroem, A. Ueber die Auslösung endogener Psychosen durch beginnende paralytische Hirnprozesse und die Bedeutung dieses Vorgangs für die Prognose der Paralyse. Arch. Psychiat., Berl., 1928-29, 86: 151-76.—Clark, L. P., & Atwood, P. E. Have the forms of general paresis altered? J. Nerv. Ment. Dis., 1907, 34: 553; 651.—Daumezon, G., Masson, J. [et al.] P. G. avec atteinte médullaire dimidiée. Strasbourg méd., 1938, 98: 424-6.—Delmas & Rolet. Paralyse générale à forme somatique. Encéphale, 1911, 2: 575-7.—Hassmann, O. Beitrag zur Kenntnis der Verlaufsformen der Paralyse progressiva. Psychiat. neur. Wschr., 1914-15, 16: 1-7.—Zingerle, H. Beitrag zur Kenntnis der Verlaufsformen der progressiven Paralyse. Neur. Zbl., 1913, 32: 10-20.—Mankowsky, B. N. Ueber die paroxysmale Paralyse. Arch. Psychiat., Berl., 1929, 87: 280-326.—Orbán, A. Die Wandlung des klinischen Bildes der progressiven Paralyse in den letzten Jahrzehnten. Allg. Zschr. Psychiat., 1935, 103: 366-81.—Pfeifer, B. Zur Symptomatologie der progressiven Paralyse (Korsakowsche Psychose und delirante Zustände). J. Psychol. Neur., Lpz., 1928, 38: 274-81.—Richardson, W. W. Dementia paralytica; 1. 2 cases of the so-called circular type; 2. a case exhibiting the catatonic symptom complex; 3. a case of cerebral syphilis showing catatonic symptoms. N. York M. J., 1912, 95: 1313-5.—Salgó, J. [Different modes of the development of progressive paralyis] Gyógyászat, 1900, 49: 168; 186.—Sériex, P., & Ducosté, M. Etude statistique sur les formes cliniques de la paralyse générale. Progr. méd., Par., 1907, 3. ser., 23: 161-4.—Stengel, E. Zur Klinik der progressiven Paralyse mit kolloidaler Degeneration; vorläufige Mitteilung. Wien. med. Wschr., 1932, 82: 393-5.—Targowla, R. La forme paroxystique de la paralyse générale et son traitement. Discuss. Congr. dermat. syph. fr., 1929, 4. Congr., 193-6. Also Prat. méd. fr., 1930, 11: 16-9.—Zillig, G. Der Einfluss des Lebensalters auf das klinische Bild der progressiven Paralyse. Arch. Psychiat., Berl., 1937, 107: 404-7.

— Type, acute.

SCHMIERER, P. *La paralyse générale à évolution aiguë. 83p. 8° Par., 1932.

Herman, M., & Rosenblum, M. P. Acute general paresis. Am. J. Psychiat., 1939-40, 96: 1311-9.—Marchand, L., & Courtois, A. Paralyse générale à évolution aiguë. Bull. Soc. méd. hôp. Paris, 1931, 3. ser., 47: 1113-8.—Capgras, J. Deux nouveaux cas de paralyse générale à évolution aiguë. Ann. méd. psychol., Par., 1932, 90: 406-12.—Paton, S., & Rusk, G. G. Acute paresis with report of a case; the clinical history and pathological findings. Med. Rep. Sheppard Nat. Hosp., Balt., 1903, 1: 144-63, 2 pl.—Piñero, H. M. Parálisis general a evolución aguda. Rev. As. méd. argent., 1932, 45: 1641-8. Also Rev. crim., B. Air., 1932, 19: 591-5. Also Sem. méd., B. Air., 1933, 40: 150-4.—Sorley, E. R. Acute general paralysis. Lancet, Lond., 1933, 1: 961.

— Type, asthenic.

HENRI, C. *La forme asthénique de la paralyse générale. 106p. 8° Par., 1913.

Benon, R. La forme asthénique-hypersthénique de la paralyse générale. Gaz. hôp., 1927, 100: 1541-4.—Asthénomanie et paralyse générale. Bull. méd., Par., 1933, 47: 655-7.—Cier, H. La forme asthénique de la paralyse générale. Rev. méd., Par., 1913, 33: 636-47.

— Type, atypical.

Kośny, A. *Atypische progressive Paralyse, Luespsychose oder Schizophrenie [Berlin] 31p. 8° Derschau [1935]

ZARRI, A. *Contribution à l'étude des paralyes générales atypiques; étude faite d'après les cas observés depuis 30 ans à la Clinique psychiatrique de Bel-Air, Genève. 36p. 23cm. Genève, 1936.

Austregesilo, filho. Parálisis geral atípica e malarioterapia. Bol. Soc. med. cir. S. Paulo, 1929, 13: 353-68.—Bolten, G. C. [Atypical cases of dementia paralytica] Geesek. mds, 1930, 8: 288-95.—Delmond, J. La paralyse générale à l'admission de l'Asile Clinique; fréquence des formes anormales. Ann. méd. psychol., Par., 1937, 95: 455-60.—Formes atypiques de la paralyse générale. Gaz. hôp., 1937, 110: 749-51.—Feiling, A. An unusual case of general paralysis. S. Barth. Hosp. Rep., Lond., 1913-14, 22: 25.—Glueck, B. Atypical general paralysis of the insane. N. York M. J., 1910, 92: 807-9. Also repr.—Kufs, H. Beiträge zur atypischen Paralyse; disseminierte Meningoencephalitis mit laminärer Rindenerweichung bei Paralyse, Pleuritis gummosa bei Paralyse, altes Hirngumma bei frischer Paralyse und zur Endarteritis syphilitica der kleinen Rindengefäße. Zschr. ges. Neur. Psychiat., 1926, 106: 518-45.—Liebert, E. Beitrag zur Frage der atypischen Paralyse. Deut. Zschr. Nervenheilk., 1929, 108: 265-75.—Martini, G. Un caso atipico di paralisi progressiva riscontrato istologicamente. Riv. sper. freniat., 1913, 39: 143.—Moravcsik, E. E. [Anomalous form of dementia paralytica] Gyógyászat, 1914, 54: 744-8.—Neiburg, A. E. [Atypical general paralysis] J. neuropat. psikiat.,

Moskva, 1931, 24: 34-9.—Roques de Fursac, J., & Capgras, J. Paralyse générale atypique; conservation des aptitudes au dessin. Encéphale, 1910, 1: 598, pl.—Saethre, H. Ueber atypische Formen von Paralyse. Acta psychiat. neur., Kbh., 1933, 8: 23-8. Also Deut. Zschr. Nervenheilk., 1933, 130: 217-26. Also Norsk mag. lægevid., 1933, 94: 612-20.

— Type, catatonic, and striate.

ALDENDORFF, H. *Zur Frage der striär-katatonischen Form der progressiven Paralyse [Basel] 27p. 8° Berl., 1937.

MAELTZER, G. [W. J.] *Zur katatonen Form der progressiven Paralyse [Kiel] 21p. 8° Berl., 1917.

Angrisan, D. Paralisi progressiva con sintomatologia striata. Osp. psichiat., Nap., 1938, 6: 187-96.—Bürger, H., & Strauss, A. Motorische Untersuchungen bei progressiver Paralyse (Beitrag zur Frage der striären Störungen bei frischen Paralyse) Arch. Psychiat., Berl., 1928, 85: 404-24.—Crouzon, Justin-Besançon & Ducas, P. Syndrome catatonique et paralyse générale. Rev. neur., Par., 1928, 35: pt 2, 148-53.—Dreszer, R., & Stein, W. Paralyse progressive avec symptômes extrapyramidaux. Ibid., 1935, 42: pt 2, 405.—Fernandes, B. Sintomas subcorticales na parálisis geral; ataque parálítico de forma coreo-atetótica. Lisboa méd., 1936, 13: 520-46.—Müller-Hegemann, D. Ein Fall von progressiver Paralyse mit katatonen Symptomen und tödlichem Ausgang im Status epilepticus. Arch. Psychiat., Berl., 1939, 110: 114-22.—Pap, Z. Choreatische und athetische Bewegungsstörung bei progressiver Paralyse. Mtschr. Psychiat., 1931, 79: 67-79. Also Orv. hetil., 1931, 75: 151-7.—Pires, W. Paralyse geral extra-pyramidal. Arch. brasil. med., 1930, 20: 366-73. Also Rev. neur., Par., 1930, 37: pt 2, 512-7.—Prusenka, A. I. [Case of catatonic form of progressive paralyis] Psikiat. gaz., Petrogr., 1914, 1: 351-4.—Ségla, J. Des symptômes catatoniques au cours de la paralyse générale. Nouv. iconogr. Salpêtrière, 1907, 20: 18-27, 2 pl.—Steck, H. Der striäre Symptomenkomplex in der progressiven Paralyse. Zschr. ges. Neur. Psychiat., 1925, 97: 424-42.—Trénel, Hypertonie et contractures dans la paralyse générale; syndrome strié de la P. G. Rev. neur., Par., 1926, 33: 169-72.

— Type, cerebellar.

Anglade & Latreille. La méningo-cérébellite dans la paralyse générale. Encéphale, 1907, 2: 245.—Les lésions du cervelet dans la paralyse générale. Ibid., 365-72, 4 pl.—Laignel-Lavastine & Pitulesco, P. La déformation globuleuse homogène de certains éléments nerveux dans le vermis des paralytiques généraux. C. rend. Soc. biol., 1911, 70: 215; 483 [Discussion] 217.—Lee, C. C. Histo-pathologic changes of cerebellum in 30 cases of general paresis. Fukuoka acta med., 1935, 28: 110-3.—Melgar, R., & Pelfuffo, J. L. Síndrome cerebeloso con atrofia purkiniana en la parálisis general progresiva. Sem. méd., B. Air., 1938, 45: pt 2, 958-61.

— Type, expansive.

BLAIN, M. F. B. *L'altruisme morbide dans la paralyse générale. 80p. 8° Bord., 1906.

USSE, D. F. *Les déliries d'imagination dans la paralyse générale progressive. 165p. 8° Par., 1912.

Clark, J. C. Megalomania in general paresis of the insane. Proc. Am. Med. Psychol. Ass., 1907, 14: 229-35.—Ducosté, M. Note sur les interprétations délirantes dans la paralyse générale. Rev. psychiat., Par., 1907, 11: 71-4.—Galant, J. S. Ueber Krösomanie. Fortsch. Med., 1929, 47: 179.—Nathan & Maurice, L. Un cas de paralyse générale ayant débuté par un délire de possession. Encéphale, 1927, 22: 372-4.—Perlmutter, M. Die Besonderheiten des Grössenwahns bei verschiedenen Psychosen; anlässlich eines paralytischen Grössenwahns bei postencephalitischem Parkinsonismus. Zschr. ges. Neur. Psychiat., 1929, 121: 410-22.—Poschoga, N. Ueber den Ursprung des paralytischen Grössenwahns. Ibid., 1926, 106: 792-7.—Schrottenbach, H. Zur pathophysiologischen Auffassung der Anfälle und Delirien bei Paralyse progressiva. Verh. Deut. Kongr. inn. Med., 1911, 28: 639-43. Also Mtschr. Psychiat., 1912, 31: 250-67.

— Type, hallucinatory.

Albès, A. De quelques particularités observées dans un état hallucinatoire chez un paralytique général. Ann. méd. psychol., Par., 1913, 10. ser., 3: 285-9.—Euzière. Un cas de paralyse générale avec hallucinations. Montpellier méd., 1910, 30: 284-8.—Beaudouin, H., & Moigneau. Paralyse générale; délire hallucinatoire; 2 observations. Bull. Soc. clin. méd. ment., Par., 1928, 16: 2-9.—Bonhour, A. Las alucinaciones en la parálisis general progresiva. Rev. psiquiat. crim., B. Air., 1938, 3: 295-302.—Borel & Ceillier. Paralyse générale ayant débuté par des hallucinations psycho-motrices verbales obsédantes avec tendance au suicide. Rev. neur., Par., 1914, 22: 503.—Ceillier, A. Révélation d'une paralyse générale frustrée par des hallucinations auditives sans délire, secondairement réduites. Encéphale, 1927, 22: 715.—Claude, H., & Coste, F. Les déliries hallucinatoires dans la paralyse

générale; leurs rapports avec la malariathérapie. *Gaz. hôp.*, 1936, 109: 817.—**Cunha Lopes & Vasconcellos**, A. Paralysis general, forma allucinatoria: therapeutica especifica e nao especifica; malarioterapia. *Brasil med.*, 1928, 42: 790-7.—**Donkersloot**, W. N. [Hallucinations in dementia paralytica] *Ned. tschr. geneesk.*, 1928, 72: pt 2, 3872-5.—**Ducosté**, M. Les hallucinations dans la paralysie générale. *Encéphale*, 1907, 2: 158-70.—**Gelma**, E., & **Lerat**, G. Un cas d'hallucinations psycho-motrices chez une paralytique générale présentant un délire de démonopathie interne. *Rev. psychiat.*, Par., 1908, 12: 440-6.—**Irazoqui Villalonga**, E. Sobre la alucinosis en la parálisis general progresiva. *Med. iber.*, 1935, 29: 72. Also *Rev. méd. Barcelona*, 1935, 23: 213-8.—**Johannes**, T. Ueber Sinnestäuschungen bei Paralyse. *Arch. Psychiat.*, Berl., 1927-28, 82: 619-68.—**Lévy-Valensi**, **Teyssier** & **Stora**, R. Syndrome hallucinatoire chez une paralytique générale. *Ann. méd. psychol.*, Par., 1938, 96: pt 2, 208-13.—**Livet**, L. Forme onirique de la paralysie générale: hallucinations visuelles et délire de rêve dans la paralysie générale. *Encéphale*, 1920, 2: 504-8.—**Nordman**. Les hallucinations dans la paralysie générale. *Loire méd.*, 1912, 31: 39-42. **Pap**, Z. [Hallucinations in progressive paralysis] *Gyógyászat*, 1934, 74: 355; 380; 392. — *Statistische und klinische Untersuchungen der Sinnestäuschungen bei Paralytikern*. *Arch. Psychiat.*, Berl., 1934, 102: 57-73. Also In *Hughlings Jackson Mem. Vol.*, Debrecen, 1935, No. 2, 23.—**Rojas**, N., & **Belbey**, J. C. Seudo-alucinaciones auditivas en la parálisis general. *Rev. argent. neur.*, 1928, 2: 398-403.—**Schulte**, H. Otologische Befunde und klinische Typen bei der Halluzinose der Paralytiker. *Psychiat. neur. Wschr.*, 1931, 33: 145-8.—**Vértes**, L. [Hallucinations in paralysis] *Gyógyászat*, 1913, 53: 218-21.

— Type, incipient.

BÜRGER-PRINZ, H. Die beginnende Paralyse. 86p. 8°. Berl., 1931.

GRÉSY, F. P. *La phase pré-symptomatique de la paralysie générale. 113p. 8°. Par., 1929.

HARTHUN, W. [R. R.] *Prodromalsymptome der progressiven Paralyse. 72p. 8°. Kiel, 1919.

LUTZ, C. A. *Les syndromes dépressifs de teinte mélancolique du début de la paralysie générale. 47p. 25^{cm}. Par., 1939.

WÜST, T. *Frühsymptome der Paralyse. 31p. 8°. Bonn, 1933.

BALL, C. R. Prognosis of the initial stages of general paresis. *S. Paul M. J.*, 1911, 13: 49-53.—**Baillet**, C. Quelques troubles peu connus du début de la paralysie générale. *J. méd. fr.*, 1914, 7: 59-61.—**Barbé**, A., & **Benoist**, E. Paralyse générale à début mélancolique. *Encéphale*, 1911, 1: 592-4.—**Boisson**, G. Symptôme précoce de paralysie générale. *Bruxelles méd.*, 1925-26, 6: 813.—**Brero**, P. C. J. van. Iets over de beginsymptomen bij de algemeene progressieve paralyse. *Geneesk. tschr. Ned. Indië*, 893, 33: 584-95.—**Bunker**, H. A., jr. Loss of weight; its importance as an early symptom in general paralysis. *Arch. Neur. Psychiat.*, Chic., 1926, 16: 63-70.

Incipient general paralysis; a study of the earliest symptoms presented by 74 cases. *Am. J. M. Sc.*, 1926, 171: 386-97. — A note on type of onset in relation to clinical type in general paralysis. *Am. J. Psychiat.*, 1926-27, 6: 119-23.—**Claude**, H., & **Cuel**, J. Paralyse générale évoluant au début sous le masque d'une stratiite syphilitique. *Encéphale*, 1938, 33: 97-101, pl.—**González Deleito**, F. La iniciación de la parálisis general. *Rev. españ. med. cir.*, 1934, 17: 209-14.—**Haskell**, R. H. An early case of general paralysis. *Tr. Clin. Soc. Univ. Michigan*, 1911-12, 3: 168-71.—**Jüngen**. Ein Fall von progressiver Paralyse im Anschluss an Unfall unter den Anfangsscheinungen der Hysterie. *Neur. Zbl.*, 1911, 30: 240-3.—**Lévy-Valensi**, J. I modi d'inizio della paralisi progressiva dell'adulto. *Gazz. osp.*, 1924, 45: 393-6.—**Loberg**, K. Den incipienta paralyssens diagnos samt några ord om malariabehandling. *Lunds läk. säll. förh.*, 1927-28, 29-47.

[Diagnosis of incipient paralysis and remarks on malarial treatment] *Sven. läk. tidn.*, 1928, 25: 33-51.—**Magalhaes Lemos**. Paralyse générale à son début et psychose intermittente à forme circulaire; diagnostic différentiel; nature organique probable de cette psychose. *Rev. neur.*, Par., 1932, 39: 356-74.—**Massary**, E. de, & **du Souich**, P. Syndrome choréiforme hystérique et paralysie générale incipiens. *Ibid.*, 1917, 24: 219-21.—**Pagès**, L. Ictus épileptiques, symptômes avant-coureurs de la paralysie générale progressive. *Gaz. sc. méd. Bordeaux*, 1908, 29: 14-7.—**Paulian**, D. E. Contribution à l'étude de la crampe des écrivains et de son traitement; signe prémonitoire de la paralysie générale progressive et rémission totale par la malariathérapie. *Rev. neur.*, Par., 1928, 35: 425-7.—**Picard**. Paralyse générale au début. *Arch. méd. pharm. nav.*, 1937, 127: 767.—**Prichard**, R. A case presenting the early symptoms of general paralysis, with recovery under soamin. *Brit. M. J.*, 1910, 1: 192.—**Radovici**, A., & **Paunesco**, C. M. Paralyse générale débutant par hémi-tremblement parkinsonien. *Bull. Soc. méd. hôp. Bucarest*, 1928, 10: 357-61.—**Rosenblum**, E. E. Premonitory symptoms of general paralysis of the insane. *Tr. Intercolon. M. Congr. Australasia* (1892) 1893, 3. Congr., 670.—**Somogyi**, I., & **Ruzicka**, A. Ueber Malariabehandlung im Initialstadium der Paralyse. *Psychiat.*

neur. Wschr., 1930, 32: 1-4.—**Stieffler**, G. Ein Fall von initialer progressiver Paralyse. *Wien. klin. Wschr.*, 1918, 31: 490.—**Targowla**, R. L'hémorragie méningée de la paralysie générale au début. *Bull. Soc. méd. hôp. Paris*, 1926, 3. ser., 50: 1525-31.

— La phase présymptomatique de la paralysie générale; indications thérapeutiques. *Discuss. Congr. dermat. syph. fr.*, 1929, 4. Congr., 188-93.—**Toulouse**, **Marchand** & **Targowla**. Constataions anatomo-pathologiques dans un cas de paralysie générale au début. *Bull. Soc. anat. Paris*, 1924, 94: 40-3.—**Williams**, B. F. Transient lesions in early paresis. *Illinois M. J.*, 1914, 25: 434-7.

— Type, infantile.

DEVALLET, J. *La paralysie générale chez l'enfant. 98p. 8°. Par., 1935.

GINS, H. A. *Progressive Paralyse im Kindesalter. 55p. 8°. Münch., 1908.

GOLDSZTEJN, F. *Paralysies générales infantiles et juvéniles. 51p. 8°. Lyon, 1937.

SEBALD, G. A. *Vier Fälle von progressiver Paralyse beim Kinde mit besonderer Berücksichtigung der pathogenetischen Faktoren. 36p. 8°. Münch., 1917.

SHEINKERMAN, J. I. *A propos d'un cas de paralysie générale chez l'enfant [Genève] 16p. 8°. Annemasse, 1933.

Borovikov, I. V. [Progressive paralysis in children] *Nevr. vest.*, 1905-6, 13: No. 3, 1-27.—**Brissot**, M., & **Devallet**, J. La paralysie générale de l'enfant; forme évolutive et forme massive. *Ann. méd. psychol.*, Par., 1934, 92: pt 2, 241-51.—**Brissot**, M., & **Maillefer**, J. Deux paralysies générales infantiles (forme évolutive et forme massive) *Ibid.*, 1937, 95: pt 2, 780-7.—**Gautier**, C. Un cas de paralysie générale infantile avec hérédité maternelle tabétique. *Encéphale*, 1910, 2: 80-3.—**Hamel**, **Neimann** & **Buisson**. Paralyse générale infantile; ses rapports avec la maladie de Marfan. *Rev. méd. Nancy*, 1936, 64: 817-24.—**Holmes**, J. G. A case of congenital G. P. I. *J. R. Nav. M. Serv.*, 1937, 23: 260.—**Julius**, W. Zur Pyrikerbehandlung der infantilen progressiven Paralyse. *Deut. Zschr. Nervenhe.*, 1938, 145: 110-5.—**Kron**, I. M. Sluchaf paralysis progressiva infantil. *J. nevropat. psikiat.*, Moskva, 1913, 13: 244-9.—**Lesage**, A., & **Collin**, A. Paralyse générale ou méningomyélite syphilitique chez un enfant précoce. *Méd. inf.*, Par., 1913, 10: 81-6.—**Lukina-Dechtereva**, A. [On infantile and juvenile forms of progressive paralysis] *Russ. klin.*, 1928, 9: No. 45, 35-43.—**Lyubushin**, A. P. [Progressive paralysis of the insane in childhood] *Obozr. psichiat.*, 1910, 15: 705-13.—**Marchand**, L. Paralyse générale infantile. *Rev. psychiat.*, Par., 1909, 13: 448-52. — **Brissot**, M., & **Delsuc**, P. Evolution progressive d'une paralysie générale infantile malgré un traitement stovarsolique intense chez un hérédo-syphilitique traité dès la naissance. *Ann. méd. psychol.*, Par., 1937, 95: 93-9.—**Marchand**, L., & **Houet**. Paralyse générale infantile. *Bull. méd.*, Par., 1908, 22: 92. — Paralyse générale infantile chez une imbécille épileptique. *Bull. Soc. méd. hôp. Paris*, 1908, 3. ser., 25: 110-15.—**Marchand**, L., **Longuet**, Y., & **Anglade**, L. Paralyse générale infantile; hémiplegie gauche avec contracture en flexion. *Ann. méd. psychol.*, Par., 1937, 95: 240-3.—**Marie**, A. Hérédo-syphilis et paralysie générale infantile. *Bull. Soc. fr. dermat. syph.*, 1926, 153-9.—**Milian**. Paralyse générale infantile. *Pédiat. prat.*, Lille, 1912, 10: 611.—**Pianetta**, C. Nota clinica sopra un caso di paralisi progressiva pregiovane. *Riv. ital. neuropat.*, 1910-11, 3: 289-301.—**Samson**, J. E. Traitement des grands paralytiques marcheurs à quatre pattes. *C. rend. Congr. fr. méd.* (1934) 1935, 23. sess., 185-7.—**Schächter**, M. La paralysie générale infantile et juvénile. *Clin. pédiat.*, Mod., 1937, 19: 53-61.—**Shostakovich**, V. V. [Congenital, general paralysis] *Sovet. pediat.*, 1935, No. 7, 75-83.—**Stürup**, G. K. [Child psychiatry; dementia paralytica infantilis et juvenilis] *Ugeskr. laeger*, 1939, 101: 245-7.—**Torres-Umana**, C. Un cas de paralysie générale chez une enfant de 11 ans. *Rev. fr. pédiat.*, 1935, 11: 237-44.—**Toulouse**, E., **Courtois**, A., & **Mareschal**, P. Paralyse générale infantile simulant l'imbécillité avec syndrome de Little. *Ann. méd. psychol.*, Par., 1932, 90: 417-20.—**Voisin**, J., **Voisin**, R., & **Rendu**, A. Hypothermie prolongée à la période terminale d'une paralysie générale infantile. *Ann. méd. chir. inf.*, Par., 1907, 11: 151-7.

— Type, juvenile.

See also subheading Type, infantile.

BARBARI, S. *Contribution à l'étude de la paralysie générale juvénile et de son traitement par la malariathérapie. 16p. 8°. Genève, 1930.

DAHL, W. *Ueber jugendliche progressive Paralyse. 123p. 8°. Würzb., 1909.

DANIOUCHEVSKY, S. *Contribution à l'étude de la paralysie générale juvénile. 88p. 8°. Par., 1912.

DOSKOF, S. W. *A propos d'un cas de paralysie générale juvénile [Genève] 16p. 8°. Annemasse, 1935.

FIRPI, V. *La paralysie générale infantile et juvénile et ses rapports avec l'hérédosyphilis. 128p. 8°. Par., 1900.

GOTTHILF, S. *Die serologischen Reaktionen bei der juvenilen Paralyse. 64p. 8°. Bonn, 1928.

IDRAC, L. *Le diagnostic clinique de la paralysie générale juvénile. 85p. 8°. Toulouse, 1906.

JAKOB, H. *La pathologie des représentations mentales descriptives dans la paralysie générale juvénile. 40p. 24cm. Par., 1940.

LOUVRIER, R. *De la paralysie générale juvénile. 92p. 8°. Par., 1907.

Also J. méd. Paris, 1908, 20: 198.

NORDALM, K. *Beitrag zur allgemeinen progressiven Paralyse der Irren im jugendlichen Alter. 36p. 8°. Rost., 1909.

SICK, H. *Beitrag zur Lehre von der juvenilen Paralyse. 16p. 8°. Kiel, 1919.

STÜRMER, K. *Katamnestische Erhebungen an malariebehandelten juvenilen Paralytikern. 41p. 8°. Bonn, 1935.

WESEMANN [F.] H. *Zur Lehre von der juvenilen Paralyse. 23p. 8°. Kiel, 1919.

WOLLBURG, G. [F. W.] *Ueber Dementia paralytica im jugendlichen Lebensalter. 43p. 8°. Kiel, 1906.

ZADIK, A. *Drei Fälle von progressiven Paralyse im juvenilen Alter. 42p. 8°. Lpz., 1907.

Alberti, G. Paralisi generale progressiva ed eredo-lue; loro importanza sociale. Difesa sociale, 1930, 9: 129-31.—Arsimoles & Halberstadt. La paralysie générale juvénile. Ann. méd. psychol., Par., 1910, 9, ser., 11: 384; 12: 35; 239.

Aubry, A., & Cornil, L. Hérité syphilitique et paralysie générale. Rev. anthrop., Par., 1926, 36: 246-8.—Barbé, A., & Lévy-Valensi, J. Paralysie générale juvénile; infantilisme; aspect simiesque. Encéphale, 1912, 1: 273. Also Rev. neur., Par., 1912, 20: 477.—Botelho, A. Sobre um caso de paralyasia geral juvenil. Brasil med., 1919, 33: 149.—Bouton, S. M., jr. Serologie paradox in juvenile dementia paralytica; report of a case. Arch. Derm. Syph., Chic., 1938, 38: 595-8.—Bramwell, E. A case of juvenile general paralysis. Tr. Med. Chir. Soc. Edinburgh, 1906-7, n. ser., 26: 9.—Briand, M., & Brissot. Syndrome paralytique chez une débile; possibilité de paralysie générale juvénile. Rev. psychiat., Par., 1909, 13: 488-91.—Buckley, A. C. Clinical report of a case of probable juvenile paresis. Rep. Philadelphia Gen. Hosp., 1916, 10: 79-81.—Budinis, I. Un caso di paralisi progressiva giovanile. Cerebro, 1939, 18: 160-3.—Bunker, H. A., jr. Juvenile paresis; its salient characteristics, with special reference to infantilism. Am. J. Syph., 1926, 10: 553-62.—Cardarelli, A. Dementia paralytica in giovane eredo-sifilitico. Studium, Nap., 1913, 6: 133-6.—Carr, J. W. Case of juvenile general paralysis. Proc. R. Soc. M., Lond., 1915-16, 9: Sect. Stud. Dis. Child., 76.—Christensen, I. [Case of juvenile general paralysis with dystrophica adiposo-genitalis] Norsk mag. lægevid., 1931, 92: 132-9.—Claude, H. Différents types de jeunes pervers constitutionnels; évolution vers la folie morale; paralysie générale juvénile. Rev. gén. clin. théor., 1934, 48: 561-5.—& Levi-Valensi. Paralysie générale juvénile, hérédité syphilitique; symptômes apraxiques. Rev. neur., Par., 1908, 16: 1181.—Cohen, S., & Bookhammer, R. S. Juvenile dementia paralytica; report on a series of cases. Arch. Neur. Psychiat., Chic., 1935, 33: 877.—Colin, H. Un cas de paralysie générale juvénile. Bull. Soc. clin. méd. ment., Par., 1923, 11: 102.—Crouzon, O., Mollaret [et al.] Un cas de paralysie générale juvénile et héréditaire. Bull. Soc. méd. hôp. Paris, 1934, 3, ser., 50: 626-32.—Damaye, H., & Marangé, J. Heredosifilis; atraso intelectual congénito transformado em parálisis general. Rev. frenopat. españ., 1913, 11: 277-81.—Debray. Syphilis conceptionnelle ignorée; paralysie générale. J. méd. Bruxelles, 1909, 14: 574.—De Giacomo, U. Sindrome di Friedreich in un caso paralisi progressiva giovanile. Rass. stud. psichiat., 1928, 17: 409-24.—Delmond, J., Longuet, Y., & Anglade, L. Paralysie générale infantile et neurosyphilis familiale. Ann. méd. psychol., Par., 1937, 95: 582-6.—De Vos, L., & Van Bogaert, L. Etude d'un cas de paralysie générale juvénile. J. belg. neur. psychiat., 1934, 34: 386-90.—Diller, T. Report of a juvenile case of paresis. Cleveland M. J., 1911, 10: 221.—Dupouy, R., & Barret, S. Discussion d'un cas de paralysie générale chez un hérédosyphilitique. Ann. méd. psychol., Par., 1940, 98: 234-7.—Dupouy, R., Picard, J., & Picard, H.

Syphilis héréditaire: paralysie générale juvénile, hémimélie chez la sœur. Bull. Soc. clin. méd. ment., Par., 1928, 16: 32-4.—Dupouy, R., & Royer, J. Un cas de paralysie générale juvénile. Ann. méd. psychol., Par., 1936, 94: 634-7.—Euzière, Toye & Delmas, A. Paralysie générale juvénile améliorée par la malarithérapie. Arch. Soc. sc. méd. biol. Montpellier, 1934, 15: 348.—Falk, M. [Review of the present state of the question of adolescent progressive paralysis] J. nevropat. psikhiat., Moskva, 1907, 7: 439-66.—Fennell, C. H. Juvenile general paralysis. Practitioner, Lond., 1907, 78: 518-22.—Fischer, J. Ueber juvenile Paralyse. C. rend. Congr. internat. méd., 1910, 16. Congr., Sect. 12, Psychiat., 357-60.—Fitzgerald, J. G., & Wilson, W. T. Report of a case of juvenile paresis. Canad. Pract. Rev., 1908, 33: 550-4.—Fornara, P. A proposito di un caso di paralisi progressiva giovanile (considerazioni sulla neurologia da sifilide ereditaria) Policlinico, 1926, 33: sez. prat., 221-6.—Gregory, M. S. A case of dementia paralytica in a boy 15 years old. J. Nerv. Ment. Dis., 1907, 34: 518-21.—Grinker, J. Two cases of juvenile dementia paralytica. Ibid., 1908, 35: 458-60.—Halban, H. [Progressive paralysis in youth] Lwow. tygodn. lek., 1911, 6: 285; 297; 313; 324; 337.—Herbst, O. Juvenile Dementia paralytica. Deut. med. Wschr., 1914, 40: 51.—Hoffman, J. L., & Duval, A. M. Juvenile general paralysis; report of a case. J. Nerv. Ment. Dis., 1939, 90: 19-21.—Holmes, G. Juvenile general paralysis of the insane. Tr. Clin. Soc. London, 1907, 40: 77-9.—Hough, W. H. A case of juvenile general paralysis. J. Nerv. Ment. Dis., 1909, 36: 577-87. Also repr.—Janssens, G., & Mees, R. A. Een geval van progressieve juveniele demantie (klinisch juveniele paralyse) Psychiat. neur. bl., Amst., 1907, 11: 219-22.—Joffroy, A. Paralysie générale juvénile chez un sujet de 23 ans; persistance des éartilles épiphysaires des mains, des pieds, etc. Encéphale, 1908, 2: 1-5. Also Rev. gén. clin. théor., 1908, 22: 356. Also Rev. neur., Par., 1908, 16: 1178-80.—Keller, K. Paralysie progressiva juvenilis esete. Orv. hetil., 1907, 51: 583; 712.—Kirschbaum, W. Ueber Frühparalysen; Untersuchungen an nach der Geschlechtsreife infizierten, unter 30 Jahre alten Paralytikern. Zschr. ges. Neur. Psychiat., 1931, 137: 552-9.—Klieneberger. Juvenile Paralyse. Deut. med. Wschr., 1919, 45: 557.—Lang, A. Paralysie progressiva juvenilis. Lijč. vest., Zagreb, 1909, 31: 4-18.—Laruelle & Hecernu. Paralysie générale juvénile et sclérose combinée de la moelle. J. neur. psychiat., Brux., 1931, 31: 106-8.—Lind, W. A. T. A case of juvenile general paralysis of the insane. Austral. M. J., 1914, 3: 1567.—Loignon, G. Manifestations de la syphilis héréditaire: un cas de paralysie générale juvénile. Union méd. Canada, 1934, 63: 898-910.—Loo, P. Sur un cas de paralysie générale juvénile. Ann. méd. psychol., Par., 1937, 95: 448-51.—Loudet, O., & Lozano, G. Parálisis general infanto-juvenil post-traumática. Rev. psiquiat. crim., B. Air., 1937, 2: 615-24.—Louvrier, R. La paralysie générale juvénile. Rev. méd. lég., 1908, 15: 71-3.—Lunn, J. R. A case of general paralysis of the insane in a boy at 16 (?) Tr. Clin. Soc. London, 1905-6, 39: 219.—McFadden, J. F. Juvenile paresis. Med. Clin. N. America, 1927, 11: 537-40.—Marie, A. Un cas de paralysie générale juvénile (?); autopsie. Rev. psychiat., Par., 1909, 13: 113-6.—& Sonn. Un cas de paralysie générale juvénile chez un hérédosyphilitique. Encéphale, 1926, 21: 545.—Mendelson, A. L. [Juvenile progressive paralysis] Russ. vrach, 1908, 7: 1606-9.—Menninger, W. C. Juvenile dementia paralytica; a study of 40 cases. J. Am. M. Ass., 1930, 95: 1499-503. Also repr.—Sensory changes and the reflexes in juvenile paretic neurosyphilis. Ann. Int. M., 1934-35, 8: 1287-93.

Juvenile paretic neurosyphilis studies; physical complications, stigmas, and endocrinopathies. Am. J. Syph., 1935, 19: 88-102.—The clinical course, including prodromal symptoms, nature of onset, remissions, and duration. Ibid., 238-56.—Juvenile paretic neurosyphilis studies; treatment. Ibid., 257-71.—Family history, with special consideration of familial neurosyphilis. Arch. Int. M., 1935, 55: 626-42.—Syndromes of the cranial nerves and motor system. Arch. Neur. Psychiat., Chic., 1935, 34: 243-61.—Developmental history including mental and physical growth, trauma, and convulsions. J. Nerv. Ment. Dis., 1935, 81: 489-503.—Miller, W. W., & Achúcarro, N. Report of a case of juvenile paresis. Proc. Am. Med. Psychol. Ass., 1910, 17: 417-9.—Miller, R. Juvenile general paralysis, with loss of knee-jerks. Proc. R. Soc. M., Lond., 1909-10, 3: Sect. Stud. Dis. Child., 134.—Molinengo, L. Paralisi generale progressiva in donna affetta da lue congenita; interruzione artificiale di gravidanza al secondo mese. Ginecologia, Tor., 1937, 2, ser., 3: 475-8.—Moussous. Paralysie générale juvénile. Bull. Soc. méd. chir. Bordeaux (1906) 1907, 522.—Müller, C. Kongenitale Lues und progressive Paralyse. Münch. med. Wschr., 1908, 55: 1985.—Müller-Hess. Die juvenile Paralyse. Deut. med. Wschr., 1919, 45: 557.—Myers, B. Juvenile general paralysis. Proc. R. Soc. M., Lond., 1921-22, 15: Sect. Stud. Dis. Child., 7-9.—Nabarro, D. A case of juvenile general paralysis successfully treated by malaria and intravenous and intrathecal injections. Lancet, Lond., 1927, 2: 692-5.—Neve, G. [Two cases of dementia paralytica juvenilis] Hospitalstidende, 1909, 5, R., 2: 809-21.—Newns, G. H. Juvenile general paralysis of the insane. Proc. R. Soc. M., Lond., 1934-35, 28: 1335.—Nobel, E. Ein Fall von juveniler progressiver Paralyse. Mitt. Ges. inn. Med. Wien, 1912, 11: 259.—Orlov, N. I. [Juvenile progressive paralysis with autopsy] Sovrem. psikhiat., 1912, 6: 503-11.—

Pactet & Guiraud. Paralyse générale juvénile débutant par un syndrome de folie morale. *Bull. Soc. clin. méd. ment.*, Par., 1927, 15: 107-10.—**Painchaud, C. A.** Paralyse générale par hérédo-syphilis chez un enfant de 11 ans. *Laval. méd.*, 1936, 1: 81-5.—**Palancar, J.** Peculiaridades de la demencia parálitica en los jóvenes. *Rev. espec. méd.*, Madr., 1907, 10: 245-55.—**Palisa, C.** Zur Therapie und Prognose der juvenilen Paralyse. *Wien. klin. Wschr.*, 1935, 48: 716-21.—**Peterson, F.** Juvenile general paralysis. *Med. Rec.*, N. Y., 1913, 83: 1051.—**Pichard, H., André, Y., & Leconte, M.** Un cas de paralyse générale infantile parvenue au stade juvénile. *Ann. méd. psychol.*, Par., 1935, 93: pt 2, 805-8.—**Pires, W.** Paralyse geral juvenil e malariotherapia. *Brasil med.*, 1929, 43: 1070-3.—**Potter, H. W.** Hypophrenia and juvenile general paresis. *Proc. Am. Ass. Study Feeble-minded*, 1931, 55: Session, 233-7. Also *Psychiat. Q.*, 1933, 7: 593-612.—**Poynton, F. J.** Two cases of juvenile general paralysis. *Proc. R. Soc. M., Lond.*, 1908-9, 2: Clin. Sect., 11-4.—**Régis & Anglade.** Un cas de paralyse générale juvénile. *Bull. Soc. méd. chir. Bordeaux* (1906) 1907, 187-90.—**Rémond & Chevalier-Lavaure.** Un cas de paralyse générale juvénile. *Progr. méd.*, Par., 1909, 3, ser., 25: 242-4.—**Richards, E. T. F.** Primary adrenal tuberculosis in juvenile general paresis with meningial infection (*Bacillus coli communis*). *Boston M. & S. J.*, 1910, 163: 215-8.—**Richon & Michon.** Paralyse générale juvénile. *Bull. Soc. fr. derm. syph.*, 1928, 35: 505-7.—**Roger, H., & Alliez, J.** Débilité mentale et paralyse générale infantile-juvénile; à propos d'un cas de paralyse générale juvénile à début épileptique chez un hérédo-syphilitique. *Ann. méd. psychol.*, Par., 1937, 95: pt 2, 687-93.—**Schick, B.** Zwölfjähriger Knabe mit juveniler progressiver Paralyse. *Mitt. Ges. inn. Med. Wien*, 1914, 13: 217.—**Schiff, P.** Paralyse générale juvénile; hérédité similiaire. *Ann. méd. psychol.*, Par., 1926, 84: 417-24.—**Scnkpiel.** Ueber einen Fall von jugendlicher Paralyse mit besonderer Berücksichtigung der Aetiologie. *Fortsch. Med.*, 1908, 26: 817-23.—**Stewart, H. H.** A case of juvenile G. P. *Ulster M. J.*, 1937, 6: 217-9.—**Stewart, R. M.** Juvenile types of general paralysis. *J. Ment. Sc., Lond.*, 1933, 79: 602-13.—**Ström, J.** Dementia paralytica juvenilis (vier malariebehandelte Fälle). *Acta psychiat. neur. Kbh.*, 1937, 12: 355-85.—**Targowla, R., & Schiff-Wertheimer.** Paralyse générale de l'adulte et hérédo-syphilis. *Progr. méd.*, Par., 1927, 42: 1217.—**Trenel.** Paralyse générale précoce avec syphilis héréditaire (dents sulciformes de Parrot). *Rev. psychiat.*, Par., 1909, 13: 223-6.—**Westrienen, A. van** [Malarial treatment of a case of juvenile paralytic]. *Ned. mschr. geneesk.*, 1929-30, 16: 528-33. Also *Ned. tschr. geneesk.*, 1930, 74: 952.—**Wile, U. J., & Hand, E. A.** Juvenile dementia paralytica, with special reference to its treatment with malaria. *J. Am. M. Ass.*, 1935, 105: 566.—**Worcester, W. L.** Three cases of general paralysis in young women. *Am. J. Insan.*, 1900, 57: 1129-36. Also repr.

— Type, Lissauer's.

CAMPBELL, C. M. Focal symptoms in general paralysis. 138p. 8° N. Y., 1914.

Campbell, C. M. On certain problems presented by cases of general paralysis with focal symptoms. *Am. J. Insan.*, 1911-12, 68: 491-507. Also *Proc. Am. Med. Psychol. Ass.*, 1911, 18: 223-40.—**Divry, P.** Paralyse de Lissauer. *Bruxelles méd.*, 1939-40, 20: 131.—**Malamud, N.** Lissauer's dementia paralytica: a study of its pathogenesis. *Arch. Neur. Psychiat.*, Chic., 1937, 38: 27-42.—**Martinez Dalke, L. M.** Parálisis general progresiva a forma de Lissauer. *Rev. As. méd. argent.*, 1938, 52: 786-90.—**Merritt, H. H., & Springlova, M.** Lissauer's dementia paralytica; a clinical and pathologic study. *Arch. Neur. Psychiat.*, Chic., 1932, 27: 987-1030.—**Ogino, R.** Zur Kenntnis der Lissauer'schen Paralyse. *Psychiat. neur. jap.*, 1935, 39: 1. Also *Jap. J. M. Sc.*, 1936, 4: Int. Med., 23-53.—**Oriando, R.** Parálisis general a forma de Lissauer. *Arch. argent. neur.*, 1932-33, 7: 289-301.—**Sauthoff, A.** A case of paresis with focal symptoms. *Wisconsin M. J.*, 1912-13, 11: 313-6.—**Smith, J.** Lissauer's type of dementia paralytica. *Med. Times*, N. Y., 1934, 62: 372-6.

— Type, manic-depressive.

MARQUEZ, F. L. *Sur la forme maniaco-depressive de la paralyse générale. 124p. 8° Bord., 1907.

Baillarger. Note sur le délire hypochondriaque considérée comme symptôme et comme signe précurseur de la paralyse générale. *C. rend. Acad. sc.*, 1860, 50: 434-7.—**Beley, A. P. L., & Nodet, C. H.** Sept cas de paralyse générale avec confusion et excitation prolongées. *Ann. méd. psychol.*, Par., 1936, 94: pt 2, 55-62.—**Capgras & Beaudoin.** Deux paralyties générales probables; hémiplegie spécifique ancienne; excitation maniaque récente; délire ambitieux sans affaiblissement intellectuel. *Ibid.*, 1920, 10, ser., 12: 171.—**Dupouy, R.** Syndrome paralytique avec conscience et tentative de suicide; absence d'albumine pathologique et de lymphocytose dans le liquide céphalo-rachidien. *Encéphale*, 1913, 193-6.—**Guiraud, P.** Paralyse générale à forme de psychose périodique. *Bull. Soc. clin. méd. ment.*, Par., 1927, 15: 110-3.—**Robert & Lebard.** Paralyse générale à forme mélancolique. *J. méd. Bordeaux*, 1913, 43: 452.—**Rothschild, D.** Dementia paralytica accompanied by manic-depressive and schizophrenic psychoses; the significance

of their co-existence. *Am. J. Psychiat.*, 1939-40, 96: 1043-61, 2 pl.—**Vivaldo, J. C.** Sobre un caso de parálisis general progresiva a forma maníaco-depresiva periódica alterna y de evolución prolongada. *Prensa méd. argent.*, 1928, 15: 556-61.—**Vurpas, C., & Corman, L.** Les formes dépressives de la paralyse générale. *Gaz. hóp.*, 1932, 105: 181-6.

— Type, paranoid.

SERIN, S. *Contribution à l'étude des formes paranoïdes de la paralyse générale. 74p. 8° Par., 1926.

Bolten, G. C. [Paranoid form of dementia paralytica] *Geneesk. gids*, 1935, 13: 49-52.—**Kern, O.** Ueber das Vorkommen des paranoischen Symptomenkomplexes bei progressiver Paralyse. *Zschr. ges. Neur. Psychiat.*, 1910-11, 4: Orig., 12-38.—**Pascal, C.** Forme paranoïde de la paralyse générale. *Encéphale*, 1914, 544-50.—**Rudnev, V. I.** Paralysis progressiva paranoïdes. *Nevr. vest. Kazan*, 1912, 19: 103-15.—**Targowla, R., & Rubenovich, P.** La forme paranoïde de la paralyse générale. *Bull. Soc. clin. méd. ment.*, Par., 1930, 18: 23-6.

— Type, protracted.

COPREAUX, P. *De la durée de la paralyse générale. 138p. 8° Par., 1908.

GÜNTHER, W. *Ein Beitrag zur Lehre von der stationären Paralyse. 35p. 8° Kiel, 1912.

RUBIN, H. *Ueber einen Fall progressiver Paralyse von abnorm langer Dauer. 29p. 8° Heidelb., 1910.

SALOMON, J. *Contribution à l'étude des paralyties générales prolongées. 80p. 8° Par., 1912.

Capgras & Marchand, L. Paralyse générale prolongée; examen anatomo-pathologique. *Bull. Soc. clin. méd. ment.*, Par., 1930, 18: 153.—**Daday Abély, X., & Bauer, E.** Paralyse générale prolongée avec aphasie. *Ibid.*, 1926, 14: 18.—**Hannard, P.** A propos des transformations évolutives de la paralyse générale, les syndromes paralytiques de longue durée. *Echo méd. nord*, 1912, 16: 333-40.—**Karpas, M. J.** General paralysis of an unusually long duration, with a report of 2 cases; one with necropsy. *N. York M. J.*, 1909, 89: 471-4. Also repr.—**Loo, P., & Donnadieu, A.** Sur un cas de paralyse générale à évolution continue et prolongée (22 ans). *Ann. méd. psychol.*, Par., 1931, 89: pt 2, 523-9.—**Mitchell, R. E.** Two cases of general paresis of long duration. *Hahnemann. Month.*, 1907, 42: 919-24.—**Morixe, F. F.** Varios casos de parálisis general de evolución prolongada. *Sem. méd.*, B. Air., 1914, 21: pt 2, 910-14.—**Saillant, G., & Fay, H. M.** La durée moyenne de la paralyse générale chez l'homme. *Encéphale*, 1908, 3: 45-53.—**Schmidt-Kraepelin, T.** Beitrag zur Klinik der Paralyse mit langsamem Verlauf. *Zschr. ges. Neur. Psychiat.*, 1926, 101: 564-98. — Beitrag zur Kenntnis der serologischen und anatomischen Befunde bei Paralyse mit langsamem Verlauf. *Ibid.*, 103: 144-72.—**Tripodi, M.** Contributo clinico ed isto-patologico alla questione della parálisi progressiva a lungo decoro o parálisi stazionaria. *Policlinico*, 1934, 41: sez. med., 25-37.—**Wiesel, F.** [Progressive paralysis of long duration] *Hygiea, Stockh.*, 1924, 86: 164-74.

— Type, schizophrenic.

BIENEK, W. *Schizophrene Züge bei Paralyse [Breslau] 35p. 8° Bresl., 1928.

GOEBEL, H. *Schizophrene Krankheitsbilder bei stationärer Paralyse. 30p. 8° Bonn, 1934.

SCHIFFMANN, J. G. *Schizophrenie-ähnliche Bilder im Verlauf der progressiven Paralyse. 59p. 8° Münch., 1927.

Angyal, L., & Gyárfás, K. Die Prognose der schizophrenen Form der progressiven Paralyse. *Zschr. ges. Neur. Psychiat.*, 1935, 153: 753-69.—**Claude, H.** Paralyse générale et schizophrénie. *Prat. méd. fr.*, 1928, 7: 91-4.—**Hechst, B.** Histopathologische Untersuchungen bei der sogenannten schizophrenen Form der progressiven Paralyse. *Arch. Psychiat.*, Berl., 1934, 102: 25-44.—**Nyiro, J.** Ueber die schizophrene Form der Dementia paralytica. *Psychiat. neur. Wschr.*, 1929, 31: 441-3.—**Obregia, A., & Dimulescu, A.** [Schizoid phases in cases of general paralysis] *Rev. št. med.*, Bucur., 1929, 18: 1021-5.—**Palisa, C.** Ueber ein schizophrenes Zustandsbild bei nicht vorbehandelter Paralyse. *Nervenarzt*, 1936, 9: 521-4.—**Sandri, P.** Dementia paralytica con sintomi schizofrenici. *Note psichiat.*, Pesaro, 1930, 59: 299-313.—**Somogyi, I., & Angyal, L.** [Schizophrenic forms of general paralysis] *Örv. hetil.*, 1933, 77: 1037-40. Also *Zschr. ges. Neur. Psychiat.*, 1933, 146: 145-66.—**Tokay, L.** Die schizophrene Form der Dementia paralytica progressiva. *Psychiat. neur. Wschr.*, 1930, 32: 563-9.

— Type, senile.

Auriat, G., & Sabelle, J. Paralyse générale des vieillards; forme tardive, délirante. *J. méd. Bordeaux*, 1927, 57: 99-

104.—**Bravetta, E.** Paralisi progressiva senile. Note psichiat., Pesaro, 1933, 62: 171; 309, 8 pl.—**Capgras, Joaki & Fail.** Paralysie générale chez un vieillard de 77 ans. Bull. Soc. clin. méd. ment., Par., 1930, 18: 138–40.—**Cunha Lopez & Vasconcellos, A.** Paralysis geral senil e syndrome pseudo-bulbar. Brasil med., 1928, 43: 1365–9.—**Leroy, R., & Trelles, J. O.** Paralysie générale sénile. Bull. Soc. clin. méd. ment., Par., 1930, 18: 132–7.—**Marchand, L.** Hémorragie intra-arachnoïdienne enkystée chez un paralytique général sénile. Ibid., 1926, 14: 108–11.—**Beaudouin, H.** Paralysie générale sénile et démence organique (ramollissements cérébraux par athérome et ramollissements bulbares par endartérite spécifique) Ann. méd. psychol., Par., 1936, 94: 73–7.—**Mazacova, A.** [Three cases of progressive paralysis in old age] Cas. lék. česk., 1922, 61: 778–80.—**Rizzo, C.** Un paralitico progressivo di ottantadue anni. Riv. pat. nerv., 1929, 33: 821–31.—**Paralisi progressiva senile o paralisi progressiva tardiva?** Ibid., 1934, 43: 177.—**Paralitico ottantenne malarizzato a settant'anni; considerazioni sul contagio luetico tardivo, sulla paralisi progressiva senile, la malarioterapia e la profilassi della neurolue.** Ibid., 1936, 47: 460–91.—**Sarian, D.** La paralisi progressiva senile. Gior. psichiat., 1930, 58: 250–7.—**Suttel, R.** Paralysie générale sénile à forme presbyophrénique. Ann. méd. psychol., Par., 1940, 98: 55–7.

— Type, simple demented.

KUHL, A. (geb. KEFER) *Ueber die Demenzformen bei der progressiven Paralyse. 32p. 8°. Münch., 1927.

SCHLESINGER, K. *Ueber alogische und paralogische Denkstörung im Rahmen der paralytischen Demenz. 112p. 8°. Frankfurt a. m., 1936.

Authier. Paralysie générale chez une arriérée profonde. J. méd. Bordeaux, 1910, 40: 821.—**Boulenger.** Aphasie et démence avec paralysie générale probable. J. neur. Par., 1907, 12: 86–95. Also J. méd. Bruxelles, 1907, 12: 145.—**Forstmeier, W. M., & Palisa, C.** Zur Wiederkehr frühinfantiler Einstellungen bei cerebralen Abbau. Mschr. Psychiat., 1937, 95: 32–5.—**Humbert & Micoed.** Sur 2 cas de puérilisme dans la paralysie générale. Ann. méd. psychol., Par., 1935, 93: 466–71.—**Klein, R.** Ueber die Demenz bei progressiver Paralyse und beim Altersblödsinn (eine vergleichende klinische Untersuchung) Zschr. ges. Neur. Psychiat., 1930, 124: 257–308.—**Marchand, L.** Les formes démentielles et psychosiques de la paralysie générale chronique. Bull. méd., Par., 1939, 53: 643–6.—**Tokay, L.** [Dementia in progressive paralysis] Orv. hetil., 1929, 73: 1233–7.

— in animals.

See also **Encephalomyelitis.**

Cerletti, U. Ueber verschiedene Encephalitis und Myelitisformen bei an Staupe erkrankten Hunden; zur Kenntnis der sogenannten progressiven Paralyse des Hundes. Zschr. ges. Neur. Psychiat., 1912, 9: Orig., 520–63.—**Marchand, L., & Petit, G.** Paralysis générale du chien. Arch. internat. neur., Par., 1912, 10, ser., 2: 317–24.—**Deux nouveaux cas de paralysie générale chez le chien.** Rec. méd. vét., 1912, 89: 477–84.

— in women.

AUMASSON, C. *L'impaludation chez les paralytiques générales enceintes. 68p. 8°. Par., 1932.

BECK, H. *Der Einfluss von Schwangerschaft, Geburt und Wochenbett auf den Ablauf der progressiven Paralyse. 27p. 21cm. Düsseldorf, 1936.

FRYSZMANN, E. E. *Contribution à l'étude de la malarithérapie de la paralysie générale chez la femme enceinte. 43p. 8°. Par., 1932.

SCHAEFER, J. *Ueber Gravidität im Verlaufe der progressiven Paralyse [Kiel] 23p. 8°. Elberfeld, 1913.

WINKELMANN, A. [L.] *Progressive Paralyse und Schwangerschaft [Kiel] 26p. 8°. Paderborn, 1914.

Adler, A., & Hartmann, H. Malariabehandlung einer schwangeren Paralytikerin. Deut. med. Wschr., 1931, 57: 2018.—**Glingani, A.** Osservazioni sulla gravidanza e sul nato di paralitica progressiva. Gior. ital. derm. sif., 1934, 75: suppl., 145–51, pl.—**Hecht, R.** Effect of menstruation on the incidence of dementia paralytica. Arch. Derm. Syph., Chic., 1933, 27: 568–78.—**Hinsie, L. E.** Malarial treatment of female patients with general paralysis. Psychiat. Q., 1929, 3: 163–79.—**Lemchen, B.** Pregnancy and labor in woman suffering from general paralysis. Illinois M. J., 1929, 56: 188–90.—**Leroy & Médakovich.** Différences clinique et thérapeutique de la paralysie générale chez la femme. Ann. méd. psychol.,

Par., 1930, 88: 368–84.—**Femmes enceintes paralytiques générales ou syphilitiques traitées par la malaria.** Ibid., 1932, 90: 38–50.—**Masquin.** Paralysie générale et gravidité; traitement malarique de la paralysie générale chez une femme enceinte. Ibid., 1931, 89: 24–30.—**Löwenhaupt, K.** Zwei Fälle von Dementia paralytica und Geburt. Deut. med. Wschr., 1912, 38: 1683.—**Michon, P.** Paralysie générale féminile. Gazz. osp., 1935, 56: 1191–3.—**Ostenfeld, I.** [Malarial treatment of dementia paralytica in St Hans Hospital for women] Hospitalstidende, 1930, 73: 999–1017.—**Quine, M. A.** Two cases of pregnancy with general paralysis of the insane. Lancet, Lond., 1937, 2: 77.—**Sellheim, H., Seitz [et al.]** Paralyse und Schwangerschaft. Med. Welt, 1932, 6: 67–9.—**Sukhanov, S. A.** Paralysis generalis progressiva et graviditas J. nevropat. psichiat., Moskva, 1903, 3: Suppl., pt 2, 17–20.—**Targowla, R., & Digonnet, L.** Sur le pronostic de la grossesse chez les paralytiques générales traitées. Paris méd., 1939, 111: 262–4.

GENERATION.

See also **Child; Family; Genealogy; Parent; Relationship, &c.** For act of procreation see **Reproduction.**

Agar, W. E. A Lamarckian experiment involving a hundred generations with negative results. J. Exp. Biol., Lond., 1931, 8: 95–107.—**Allan, H. H.** The F₁ progeny resulting from crossing Coprosma propinqua ♀ with C. robusta ♂. Genetica, Gravenh., 1926, 8: 155–60.—**The F₂ progeny resulting from the crossing of Coprosma propinqua ♀ with C. robusta ♂.** Ibid., 1928–29, 11: 335–46.—**Gini, C.** The relative importance of hereditary and non-hereditary factors in determining the heterogeneity of a generation. Ann. Eugen., Camb., 1940, 10: 42–7.—**Wellensiek, S. J.** Methods for calculating the actual gametic F₂ series from a given zygotic series. Genetica, 1927, 9: 329–40.—**Wilmanns, G.** Drei Geschlechterfolgen von Bauernfamilien, ein Spiegelbild bevölkerungsdynamischer und sozialanthropologischer Vorgänge. Arch. Rassenb., 1934, 28: 129–50.—**Woodruff, L. L.** Eleven thousand generations of Paramecium. Q. Rev. Biol., 1926, 1: 436–8.

— Alternation.

See also **Gemination; Parthenogenesis; Reproduction.**

ADLER, H. Alternating generations; a biological study of oak galls and gall flies; transl. by C. R. Straton. 198p. 12°. Oxf., 1894.

JANET, C. L'alternance sporophyto-gamétophytique de générations chez les algues. 108p. 8°. Limoges, 1914.

Alternation (The) of generations; a general law governing the development of both plants and animals. Sc. Am. Month., 1921, 3: 405–8.—**Berg, K.** Generationswechsel der Cladoceen und die Depressionshypothese. Zool. Jahrb., Abt. allg. Zool., 1936–37, 57: 373.—**Bubák, F.** Ein neuer Fall von Generationswechsel zwischen zwei, dikotyledone Pflanzen bewohnenden Uredineen [vorläufige Mitteilung] Zbl. Bakt., 2. Abt., 1903, 10: 574.—**Campbell, D. H.** Antithetic versus homologous alternation. Am. Natur., 1903, 37: 153–69.—**Crofton, W. M.** Beard's theory of the alternation of generations and the Abderhalden pregnancy reactions; a criticism. Tr. R. Acad. M. Ireland (1919) 1920, 37: 108 12.—**Fischer, E.** Der Generationswechsel im Lichte der neueren Kernforschung. Mitt. Naturforsch. Ges., Bern, 1912, p. xxxviii.—**Goeldi, E. A., & Fischer, E.** Der Generationswechsel im Tier- und Pflanzenreich: mit Vorschlägen zu einer einheitlichen biologischen Auffassung und Benennungsweise. Ibid., 1916, 60–111.—**Guitard.** Traux de MM. Joly et Musset sur l'hétérogénéité ou génération spontanée. J. méd. Toulouse, 1864, 4, ser., 3: 88–95.—**Hartmann, M.** Untersuchungen über den Generationswechsel der Dicyemiden. Mém. Acad. Belgique, Collect. in 4°, 1906, 2, ser., 1: Fac. 3, cl. sc., 1–128, 3 pl.—**Huxley, J. S.** Continuous variation and heterogeneity in Forficula. J. Genet., Lond., 1926–27, 17: 309–27.—**Kenk, R.** Sexual and asexual reproduction in Euplanaria tilgrina (Girard) Biol. Bull., 1937, 73: 280–94.—**Laackmann, H.** Ungeschlechtliche und geschlechtliche Fortpflanzung der Tintinnin. Zool. Anz., 1906, 30: 440–3.—**Luntz, A.** Untersuchungen über den Generationswechsel der Rädertiere; der zyklische Generationswechsel von Brachionus bakeri. Biol. Zbl., 1929, 49: 193–211.—**Miller, H. M.** Alternation of generations in the rotifer Lecane inermis Bryce: life histories of the sexual and non-sexual generations. Biol. Bull., 1931, 60: 345–81.—**Sauvageau, C.** Sur une nouvelle complication dans l'alternance des générations des Cutleria. C. rend. Soc. biol., 1907, 63: 139–41.—**Sur un nouveau type d'alternance des générations chez les algues brunes (Dictyosiphon feniculaeus)** C. rend. Acad. sc., 1917, 164: 829–31.—**Schlösser, L. A.** Zur Entwicklungsphysiologie des Generationswechsels von Cutleria. Biol. Zbl., 1935, 55: 198–208.—**Shull, A. F.** Studies in the life cycle of Hydatina senta; artificial control of the transition from the parthenogenetic to the sexual method of reproduction. J. Exp. Zool., 1910, 8: 311–54.—**Control of gamic and parthenogenetic reproduction in winged aphids by temperature and light.** Zschr. indukt. Abstamm., 1930, 55: 108–26.—**Stolte, H. A.** Analyse der

Bedingungen für Knospung und Sexualität bei *Hydra attenuata* Pallas. Biol. Zbl., 1928, 48: 273-302.—**Ulrich, H.** Experimentelle Untersuchungen über den Generationswechsel der heterogenen Cœcidomyide Oligarcus paradoxus. Zschr. indukt. Abstamm., 1936, 71: 1-60.—**Wedekind, W.** Generationswechsel, Metamorphose und direkte Entwicklung. Zool. Anz., 1906, 29: 790-5.—**Williams, J. L.** Alternation of generations in the Dictyotaceae and the cytology of the asexual generation. Rep. Brit. Ass. Advance. Sc. (1903) 1904, 73: 858.

— spontaneous [Abiogenesis]

See also Life.

LIPPMANN, E. O. VON. Urzeugung und Lebenskraft; zur Geschichte dieser Probleme von den ältesten Zeiten an bis zu den Anfängen des 20. Jahrhunderts. 135p. 8° Berl., 1933.

Chatot, I. I. T. Ein neuer Hinweis zur Generatio spontanea und deren Parallelismus zur Variatio spontanea. Natur, Lpz., 1925-26, 17: 321-3.—**Cremonese, G.** Il problema della generazione spontanea. Med. nuova, 1934, 25: 99-105.—**Jucci, C.** Partenogenesi rudimentale e partenogenesi ciclica. Riv. biol., 1927, 9: 336-42.—**Koerberler, G.** Contribution à l'étude d'une controverse au XVIII^e siècle. Bull. Soc. fr. hist. méd., 1926, 20: 172-7.—**Neviani, A.** Un episodio della lotta fra spontaneisti ed ovulisti; il Padre Filippo Bonanni e l'Abate Anton Felice Marsili. Riv. stor. sc. med., 1935, 26: 211-32.—**Salgues, J. B.** Erreurs et préjugés; la génération spontanée. Aesculape, Par., 1928, n. ser., 18: 242-54.—**Skull, A. F.** Parthenogenesis and sex in Anthothrips verbasci. Science, 1915, n. ser., 41: 442.—**Treillard, M.** Daphnia magna Strauss, en culture pure, pérennité de la parthénogénèse; nécessité de facteurs bactériens pour l'apparition des formes sexuées. C. rend. Soc. biol., 1925, 93: 1354-6.—**Vandel, A.** Les rapports de la reproduction sexuée et de la parthénogénèse chez l'isopode terrestre. C. rend. Acad. sc., 1926, 182: 1655.

GENERATION psychosis.

See also Abortion, Complications; Labor; Pregnancy; Puerperium; also names of psychosis as Delirious states; Dementia; Hysteria, &c.

COQUELIN, C. *Troubles mentaux de la femme et fonction sexuelle; contribution à l'étude du traitement. 59p. 8° Par., 1926.

GROBSTEIN, H. J. *L'influence de la grossesse sur la femme psychopathe. 24p. 8° Lausanne, 1936.

KIUCHI, T. *Ueber den Zusammenhang der Geisteskrankheiten mit dem Geburtsakt und Wochenbett. 22p. 8° Münch., 1913.

PIENING, C. J. *Beitrag zur Klinik und Symptomatologie der Puerperal- und Laktationspsychosen [Kiel] 24p. 8° Kellinghusen, 1926.

SACK, F. *Beitrag zur Lehre von den Generationspsychosen des Weibes. 32p. 8° Kiel, 1919.

WÜ, P. L. *Psychosen nach Entbindungen und gynäkologischen Operationen. 34p. 8° Berl., 1933.

Anderson, E. W. A study of the sexual life in psychoses associated with childbirth. J. Ment. Sc., Lond., 1933, 79: 137-49.—**Benon, R.** Psychoses puerpérales; l'asthénomanie post-puerpérale. J. méd. chir., Par., 1935, 106: 440-6.—**Davidson, G. M.** Concerning schizophrenia and manic-depressive psychosis associated with pregnancy and childbirth. Am. J. Psychiat., 1936, 92: 1331-46.—**Frumkes, G.** Mental disorders related to childbirth. J. Nerv. Ment. Dis., 1934, 79: 540-52.—**Galant, J. S.** Die gynäkologisch wichtigen Geisteskrankheiten der Frau; eine kurze Uebersicht für Gynäkologen und Geburtshelfer. Mschr. Geburtsh., 1927, 77: 121-30.—**Kerbikov, O. V.** [Unfavorable course in eclamptic psychosis] Sovet. nevropat., 1932, 1: 121.—**Kilpatrick, E., & Tiebout, H. M.** A study of psychoses occurring in relation to childbirth. Am. J. Psychiat., 1926-37, 6: 145-59.—**Long, R. H.** The psychotic disturbances incidental to pregnancy, the puerperal state and the menopause. South. M. & S., 1936, 98: 310-3.—**McCoogan, L. S.** The toxic psychoses of pregnancy and the puerperium. Am. J. Obst., 1933, 25: 792-9.—**McIlroy, A. L.** The influence of parturition upon insanity and crime. Brit. M. J., 1928, 1: 303.—**Menache.** Contribution à l'étude des psychoses de la lactation. Bull. Soc. obst. gyn. Paris, 1928, 17: 807.—**Mitkus, W.** [Psychosis of parturition] Polska gaz. lek., 1927, 6: 553: 598: 578.—**Parfitt, D. N.** Psychoses associated with childbirth. J. Ment. Sc., Lond., 1934, 80: 43-57.—**Piker, P.** Psychoses complicating childbearing. Am. J. Obst., 1938, 35: 901-9.—**Pollák, J.** [Mental disorders during pregnancy, childbirth and puerperal period] Orv. hetil., 1929, 73: 1100-4.—**Robinson, A. L.** The effect of reproduction upon insanity. J. Obst. Gyn., Lond., 1933, 40: 39-66.—**Sandy, W. C.** Psy-

choses associated with childbearing. State Hosp. Bull., Utica, 1913-14, n. ser., 6: 327-43.—**Siedentopf, H.** Psychiatrie, Psychotherapie, Neurologie. Mschr. Gerburtsh., 1931, 89: 357-63.—**Smaldon, J. L.** A survey of mental illness associated with pregnancy and childbirth. Am. J. Psychiat., 1940-41, 97: 80-101.—**Solomons, B.** Insanity and its relation to the parturient state. J. Ment. Sc., Lond., 1931, 77: 701-7.—**Zilboorg, G.** Malignant psychoses related to childbirth. Am. J. Obst., 1928, 15: 145-58. [Discussion] 244-8. Depressive reactions related to parenthood. Am. J. Psychiat., 1931, 10: 927-62.

GENEREAU, James, 1911— *De l'emploi de l'étau pour la réduction du diastase tibio-péronier [Lyon] 74p. 8° Bourg, Impr. Berthod, 1936.

GENEROTZKY, Anneliese, 1912— *Ein Beitrag zur Topographie des Foramen palatinum majus als dem Ausgangspunkt für die Maxillaris-Stammanaesthesia durch den Canalis pterygopalatinus (Untersuchungen am Schädel) 23p. 8° Kiel, Schmidt & Klaunig, 1934.

GENERSON, Leonard Richard. *Zur Kasuistik der Ovarialtumoren [Basel] 79p. 8° S. Louis, Switz., Alsatia, 1936.

GENESERIN.

See Physostigma.

GENESIS; rassegna di studi sessuali, demografia ed eugenica. Roma, v.11-12, 1931-32.

GENEST, Hans Joachim, 1911— *Ueber das Schicksal von Kindern mit Diabetes insipidus und Polydipsie [Tübingen] 27p. 8° Gütersloh, Thiele [1936]

GENESTOUX, Jean Marie, 1910— *L'angiomatose digestive. 131p. 8° Par., Jouve & cie, 1935.

GENET, Gaston. *Les altérations des dents dans l'intoxication fluorique chronique. 35p. 2 pl. 8° Genève, E. Buloz, 1932.

GENET, Hubert, 1908— *La paratyphose du pore [Alfort] 41p. 8° Par., Vigot frères, 1932.

GENET, L. Lésions conjonctivales au cours d'affections générales ou de voisinage. p.533-87. 25cm. Par., Masson & cie, 1939.

In Traité opht., T. 4.

GENETICA; Nederlandsch tijdschrift voor erfelijkheids- en afstammingsleer. 's Gravenh., v.7, 1925—

GENETIC psychology monographs. Worcester, Mass., v.1, 1926—

GENETICS. Menasha, Wis., v.11, 1926—

GENETICS.

See also Chromosome; Crossing; Embryogeny; Eugenics; Fetus; Gen; Growth; Heredity; Hybrid; Morphogenesis; Mutation; Ontogenesis; Organogenesis; Phylogenesis; Population; Species, &c.

CORRENS, C. F. J. E. Carl Correns; gesammelte Abhandlungen zur Vererbungswissenschaft aus periodischen Schriften 1899-1924. 1299p. 8° Berl., 1924.

GUMMERSHEIMER, J. *Beitrag zur Anthropologie und Vererbungslehre [Tübingen] 23p. 8° [Berl.] 1930.

JOHANNSEN, W. Allgemeine Vererbungslehre. p.227-322. 8° Berl., 1926.

In Biol. Person (Brugsch & Lewy) Berl., 1926, 1:

JUST, G. Spezielle Vererbungslehre. p.323-430. 8° Berl., 1926.

In Biol. Person (Brugsch & Lewy) Berl., 1926, 1:

Bartsch, P. Heredity experiments in Virginia and West Virginia. Pub. Smithsonian. Inst., 1938, No. 3480, 69-72.—**Beadle, G. W.** Physiological aspects of genetics. Annual Rev. Physiol., 1939, 1: 41-62.—**Bennett, R. R.** Mendelism. Pharm. J., Lond., 1907, 4. ser., 25: 842.—**Blaringhem, L.** La génétique. Presse méd., 1937, 45: 952.—**Darbishire, A. D.** Mendelism.

Sc. Progr. 20. cent., Lond., 1907-8, 2: 428-48.—**Dürken, B.** Die wichtigsten Grundbegriffe der allgemeinen Vererbungslehre. Med. Welt, 1934, 8: 811; 846.—**Ford, E. B.** The physiology of genetics; recent work and its bearing on human problems. Eugen. Rev., Lond., 1929-30, 21: 114-6.—**Fortuyn, A. B. D.** An introduction to the laws of variation and heredity. China M. J., 1926, 40: 995; 1101; 1216; 1927, 41: 41.—**Gates, R. R.** Human genetics. Nature, Lond., 1939, 144: 821.—**Glossary (A)** of genetic terms. Yearb. U. S. Dep. Agr., 1936, 153-64.—**Goldschmidt, R.** Vererbungslehre. Tungchi med. Mschr., 1929-30, 5: 227-39. [Physiological genetics] Usp. sovrem. biol., 1939, 10: 315-52.—**Hertwig, P.** Allgemeine Erblehre. Fortsch. Erbpäth., 1937-38, 1: 160; 1939, 3: 103.—**Hrubý, K.** [Certain genetic terms and their significance] Anthropologie, Praha, 1936, 14: 90-4.—**Just, G.** Die Grundlagen der menschlichen Vererbungslehre. Münch. med. Wschr., 1930, 77: 946; 986. — Fragen und Ergebnisse der neueren menschlichen Vererbungswissenschaft. Jahrbuch. ärztl. Fortbild., 1934, 25: H. 1, 20; 1935, 26: H. 1, 21. — Aus dem Schrifttum zur menschlichen Vererbungs- und Konstitutionslehre. Ibid., 1937, 28: H. 2, 1-17. — Umschau im Schrifttum 1937 zur Vererbungs- und Konstitutionslehre. Ibid., 1938, 29: H. 1, 41-58.—**Kuckuck, H., Oehler, E., & Schick, R.** Heredität; neue Literatur. Zschr. indukt. Abstamm., 1933, 64: pt 3, 1-204.—**Lundholm, I., Murphy, D. P.** [et al.] Human genetics. Lancet, Lond., 1939, 2: 663.—**Muntzing, A.** Genetics in relation to general biology. Hereditas, Lund, 1938, 24: 492-504.—**Orel, H.** Kleine Beiträge zur Vererbungswissenschaft. Zschr. ges. Anat., 2. Abt., 1927-28, 13: 691; 1928, 14: 347; 1929-31, 15: 748. — Also Eugenik, Berl., 1931-32, 2: 10; 31; 57; 1933, 3: 63.—**Saller, K.** Kleinere Mitteilungen zur Vererbungswissenschaft. Ibid., 251-6.—**Verschür, O. von.** Aufgaben und Ziele der menschlichen Erblehrlehre. Münch. med. Wschr., 1927, 74: 999-1002. — Grundzüge der Vererbungswissenschaft. In Wer ist erbesund? (Klein, W.) Jena, 1935, 10-29.—**Vaddington, C. H.** Physiological genetics. Nature, Lond., 1939, 144: 817.

— animal.

See also **Animals, Breeding; Breeding**; also names of animals as **Drosophilidae, &c.**

FEDERLEY, H. Methoden zur Erforschung der Vererbung bei den Lepidopteren. p.637-90. 8°. Berl., 1937.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1937, Abt. 9, T. 3, I. Hälfte.

NABOURS, R. K. Studies of inheritance and evolution in Orthoptera; the grouse locust, *Apotettix eurycephalus* Hancock. 231p. 8°. Topeka, 1925.

PLATE, L. Vererbungslehre. Bd 3: Spezielle Genetik einiger Nager. 2. Aufl. p.1233-451. 24cm. Jena, 1938.

SCHLEIP, W. Entwicklungsmechanik und Vererbung bei Tieren. 81p. 8°. Berl., 1927.

Forms Bd 3, Handb. Vererbungswiss. (E. Baur, & M. Hartmann)

WITSCHI, E. Methoden der Vererbungsforschung bei Tieren. p.501-66. 8°. Berl., 1937.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, I. Hälfte.

WOLTERECK, R. Technik der Variations- und Erblchkeitsanalyse bei Crustaceen. p.567-636. 8°. Berl., 1937.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, I. Hälfte.

Andersson-Kotté, I. A genetical investigation in *Scelopendrium vulgare*. Hereditas, Lund, 1929, 12: 109-78, 4 pl.—**Baker, F. C.** Application of De Vries's mutation theory to the mollusca. Am. Natur., 1906, 40: 327-34.—**Bamber, R. C.** Genetics of domestic cats. Bibliogr. genet., Gravenh., 1927, 3: 1-86.—**Bateson, W.** Mendel's principles of heredity in mice. Nature, Lond., 1902-3, 67: 585.—**Buchanan Smith, A. D.** The genetics of the pig. Bibliogr. genet., Gravenh., 1938, 12: 1-160.—**Castle, W. E.** The Rex rabbit. J. Hered., 1929, 20: 193-200.—**Cuénot, L.** Génétique des souris. Bibliogr. genet., Gravenh., 1928, 4: 179-242.—**Dechambre, P.** A propos de l'hérédité mendélienne. Rec. méd. vét., 1928, 104: 129-42. — Etudes génétiques sur les porcs et les sangliers. Ibid., 1929, 105: 129-34.—**Dobzhansky, T.** Experimental studies on genetics of free-living populations of *Drosophila*. Biol. Rev. Cambridge Philos. Soc., 1939, 14: 339-68.—**Duncker, H.** Genetik der Kanarienvögel. Bibliogr. genet., Gravenh., 1928, 4: 37-140.—**Eklblom, T.** Vererbungsbioologische Studien über Hemiptera-Heteroptera; *Gerris asper* Fieb. Hereditas, Lund., 1927-28, 10: 333-59.—**Ferwerda, F. P.** Genetische Studien am Mehkäfer, *Tenebrio molitor* L. Genetica, Gravenh., 1928, 11: 1-110, pl.—**Ford, E. B.** Problems of heredity in the Lepidoptera. Biol. Rev. Cambridge Philos. Soc., 1937, 12: 461-503.—**Goodrich, H. B.** A study of the development of mendelian characters in *Oryzias*

latipes. J. Exp. Zool., 1927, 49: 261-79, 3 pl.—**Gowen, J. W.** A résumé of cattle inheritance. Bibliogr. genet., Gravenh., 1927, 3: 87-140.—**Häcker, V.** Ueber Mendelsche Vererbung bei Axolotln. Zool. Anz., 1906-7, 31: 99-102.—**Heron-Allen, E., & Eariand, A.** An experimental study of the foraminiferal species *Verneuilina polystrosha* (Reuss) and some others, being a contribution to a discussion on the origin, evolution, and transmission of biological characters. Proc. R. Irish Acad., 1920, 35: Sect. B., 153-77.—**Howard, H. W.** The genetics of *Armadillidium vulgare* Latr.; a general survey of the problems. J. Genet., Camb., 1940-41, 40: 83-108, pl.—**Jucci, C.** I problemi della genetica studiati nel mondo animale. Boll. Soc. ital. biol. sper., 1937, 12: 413-512.—**Kolesnik, N. N.** [Animal genetics in the USSR] Priroda, Leningr., 1938, 27: No. 5, 22-9.—**Künkel, K.** Experimentelle Studie über *Vittrina brevis* Ferrussac. Zool. Jahrb., Abt. allg. Zool., 1928-29, 46: 575-626, 3 pl.—**Little, C. C.** Opportunities for research in mammalian genetics. Sc. Month., 1928, 26: 521-31.—**Marchlewski, T.** [Genetic studies on the domestic dog] Bull. internat. Acad. polon. sc., 1930, ser. B., 2: zool., 117-41, pl.—**Marcq, J., & Laurent, O.** Etudes génétiques sur le lapin chinchilla. Zschr. indukt. Abstamm., 1928, 47: 75-9.—**Németh, L.** [Genetic experiments with dancing mice] Orvosképzés, 1935, 25: jun. külf., 3-6.—**Punnett, R. C.** The Dutch rabbit; Castle, Pease and Punnett. J. Genet., Lond., 1925-26, 16: 197-9.—**Seiler, J.** Zytologische Vererbungsstudien an Schmetterlingen. Arch. Julius Klaus Stift., 1925, 1: 63-117, 4 pl.—**Sexton, E. W., & Pantin, C. F. A.** Inheritance in *Gammarus chevreuxi* Sexton. Nature, Lond., 1927, 119: 119.—**Shapley-Schafer, E.** Research in animal genetics. Brit. M. J., 1930, 2: 30-2.—**Spillman, W. J.** A Mendelian character in cattle. Science, 1906, n. ser., 23: 549-51.—**Tänzer, E.** Neue Untersuchungen über die Vererbung beim Karakulschaf. Zschr. indukt. Abstamm., 1932, 61: 62-75.—**Teodoreanu-Constantza, N. I.** Vererbungsbeobachtungen bei Schweinen. Bull. Acad. roumain., 1929-30, Sect. Sc., 12: No. 7-10, 26: 1932-33, 15: 165.—**Watson, J. A. S.** A Mendelian experiment with Aberdeen-Angus and West Highland cattle. J. Genet., Lond., 1921-22, 11: 59-67, pl.—**Weldon, W. F. R.** Mendel's principles of heredity in mice. Nature, Lond., 1902-3, 67: 513.—**Wilson, J.** Mendelian characters among short-horn cattle. Sc. Proc. R. Dublin Soc., 1905-8, n. ser., 11: 317-24. Also Nature, Lond., 1907-8, 77: 509.

— applied.

See also **Breeding; Eugenics; Impregnation, &c.**

BAUR, E. Konsequenzen der Vererbungslehre für die Pflanzenzüchtung. 30p. 8°. Berl., 1932.

JONES, D. F. Genetics in plant and animal improvement. 568p. 8°. N. Y., 1925.

POPEOE, P. Practical applications of heredity. 128p. 8°. Balt., 1930.

Biffin, R. H. The improvement of wheats and Mendel's laws. Rep. Brit. Ass. Advance. Sc. (1904) 1905, 795.—**Bressman, E. N.** Fundamentals of heredity for breeders. Yearb. U. S. Dep. Agr., 1937, 1419-49.—**Constantinesco, G. K.** Sur l'hérédité, dans l'élevage des animaux domestiques. Papers Internat. Vet. Congr., 1934, 12. Congr., No. 57.—**Crescini, F.** Le applicazioni della genetica nel campo fitotecnico. Boll. Soc. ital. biol. sper., 1937, 12: 554-71.—**Genetics and plant breeding in the U. S. S. R.** Nature, Lond., 1937, 140: 296.—**Ghigi, A.** Le applicazioni della genetica nel campo zootecnico. Boll. Soc. ital. biol. sper., 1937, 12: 510-53.—**Grüneberg, H.** Die Verwendung der Erblchkeitslehre bei der Analyse von fossiler Populationen. Zschr. indukt. Abstamm., 1927, 44: 283-302.—**Hudson, P. S.** Genetics in its application to plant breeding. Biol. Rev. Cambridge Philos. Soc., 1937, 12: 285-319.—**Keller, K.** Observations on the accepted theory of heredity in relation to animal husbandry. Vet. Rec., Lond., 1931, 11: 36-8.—**Kempton, J. H.** Heredity under the microscope. Yearb. U. S. Dep. Agr., 1936, 165-82.—**Kraemer, H.** Mutationslehre und Tierzucht. Jahrb. wiss. prakt. Tierzucht, 1907, 2: p. xx-xxxi.—**Toyama, K.** Mendel's law of heredity as applied to the silk-worm crosses. Biol. Zbl., 1906, 26: 321-34, tab.—**Vajani, E.** La genetica e il mendelismo in zootecnica. Clin. vet., Milano, 1926, 49: 566-78, 4 pl.

— Congresses, and societies.

INTERNATIONAL CONGRESS OF GENETICS. Proceedings. v.1-7, 1899-1939.

Abandonment of the Moscow meeting of the International Congress of genetics. Science, 1936, 84: 553.—**Emerson, R. A.** Impressions of the Seventh international congress of genetics. J. Hered., 1940, 31: 129-32.—**Frets, G. P.** [Seventh International Congress of genetics in Edinburgh, 22-30 August 1939] Ned. tschr. geneesk., 1939, 83: 4680-2.—**Hartmann, M.** Eröffnungsansprache, gehalten in Würzburg bei der 13. Jahresversammlung der Deutschen Gesellschaft für Vererbungswissenschaft. Zschr. indukt. Abstamm., 1939, 76: 11-3.—**International (The) congress of genetics. Science, 1939, 90: 228.**—**Nachtsheim, H.** Der fünfte Internationale Kongress für Vererbungswissenschaft. Naturwissenschaften, 1927, 15: 989-95.—**Pentimalli, F.** La settimana scientifica di Francoforte. Rass. clin. ter., 1934, 12: 459-62.—**Seventh International Congress of genetics; to be held in Edinburgh. J. Hered.,**

1937, 28; 427. Also *Nature*, Lond., 1939, 144; 813.—**Seventh International Congress of Genetics**, Edinburgh, Scotland; 23rd–30th August 1939. *J. Egypt. M. Ass.*, 1939, 22: 369–72.

— Evolutionary aspect.

See also **Darwinism; Evolution; Mutation; Phylogenesis; Species; Variation.**

HURST, C. C. Heredity and the ascent of man. 138p. 8°. Cambr., Engl., 1935.

WHEELER, W. F. Inheritance and evolution. 116p. 8°. Lond. [1936]

Artom, C. La teoria dell'evoluzione e gli studi di genetica. *Riv. biol.*, 1926, 8: 389–403.—**Babcock, E. B.** Genetic evolutionary processes. *Proc. Nat. Acad. Sc. U. S.*, 1934, 20: 510–5.—**Brink, R. A.** Genetics and the problems of development. *Am. Natur.*, 1927, 61: 280–3.—**Caulley, M.** Génétique et évolution. *Arch. zool. Tor.*, 1931, 16: 1–16.—**Davenport, C. B.** The mutation theory in animal evolution. *Science*, 1906, n. ser., 24: 556–8.—**De Vries, H.** Evolution and mutation. *Monist, Chic.*, 1907, 17: 6–22.—**Enriques, P.** Rapporti tra le leggi dell'eredità e l'evoluzione. *Boll. Sc. ital. biol. sper.*, 1929, 4: 310–4.—Conciliazione tra la teoria dell'eredità e quella dell'evoluzione. *Scientia*, Bologna, 1931, 3. ser., 49: 335–46.—**Huxley, J. S.** Mendelism and evolution. *Nature*, Lond., 1924, 114: 464.—**Longley, W. H.** The law of evolution. *Proc. Internat. Congr. Genet.*, 1932, 6. Congr., 2: 120–3.—**Melchers, G.** Genetik und Evolution. *Zschr. induct. Abstamm.*, 1939, 76: 229–59.—**Muller, H. J.** Reversibility in evolution considered from the standpoint of genetics. *Biol. Rev. Cambridge Philos. Soc.*, 1939, 14: 261–80.—**Ortmann, A. E.** Evolution (Cook) and mutation (Waagen) *Science*, 1906, n. ser., 24: 728–30.—**Plate, L.** Darwinismus kontra Mutations-theorie. *Arch. Rassenb.*, 1906, 3: 183–200.—**Schimmkewitsch, M.** Die Mutationslehre und die Zukunft der Menschheit. *Biol. Zbl.*, 1906, 26: 37; 65; 97.—**Timofeev-Ressovsky, N. W.** Genetik und Evolution. *Zschr. induct. Abstamm.*, 1939, 76: 158–219.—**Turrill, W. B.** Genetics in relation to evolution and systematics. *Nature*, Lond., 1939, 144: 822.—**Wettstein.** Das Problem der Evolution und die moderne Vererbungslehre. *Med. Klin.*, Berl., 1927, 23: 1750.—**Woodger, J. H.** The concept of organism and the relation between embryology and genetics. *Q. Rev. Biol.*, 1930, 5: 1; 438; 1931, 6: 178.—**Wright, S.** Evolution in Mendelian populations. *Genetics*, 1931, 16: 97–159.

— History.

DONCASTER, L. Heredity in the light of recent research. 160p. 16°. Cambr., 1912.

GANDZ, S. The algebra of inheritance; a rehabilitation of Al-Khūwārizmī. p.319–91. 8°. Bruges, 1938.

In *Osiris* (G. Sarton) Bruges, 1938, 5:

Balss, H. Ueber die Vererbungstheorie des Galenos. *Sudhoffs Arch.*, 1934–35, 27: 229–34.—**Barthelmess, A.** Entwicklungslinien der modernen Vererbungslehre; Erfolge und Ziele einer Zusammenarbeit aller biologischen Fächer. *Zschr. ges. Naturwiss.*, 1939, 5: 206–26.—**Beddard, A. P.** The rôle of the medical profession in biology. *Guy's Hosp. Gaz.*, Lond., 1926, 40: 542–6.—**Blaringhem, L.** La notion d'espèce et la théorie de la mutation d'après les travaux de Hugo de Vries. *Année psychol.*, 1906, 12: 95–102.—**Carbonell, D.** Del Agustino Gregorio Juan Mendel al Profesor de Columbia Thomas Hunt Morgan. *Gac. méd. Caraca.*, 1938, 45: 326–8.—**Cox, C. F.** Charles Darwin and the mutation theory. *Am. Natur.*, 1909, 43: 65–91.—**Demerec, M.** Eighteen years of research on the gene. In *Cooper res.* (Carnegie Inst.) Wash., 1938, 295–314. Also repr.—**Du Bois, A. M.** The development of the theory of heredity. *Ciba Symposia*, 1939–40, 1: 235–46.—The foundations of modern genetics. *Ibid.*, 247–51.—The development of genetics in the United States. *Ibid.*, 259–62.—**Fraipont, C.** L'anatomiste français P. P. Broc et la loi biogénétique dite de Fritz Müller ou de Hæckel. *Rev. anthrop. Par.*, 1919, 29: 331.—**Francé, R. H.** Der heutige Stand der Mutationslehre. *Zschr. Ausbau Entwlehr.*, 1907, 1: 53; 87.—**Fruta Pessôa, O.** A noção de hereditariedade na antiguidade. *Rev. flora med.*, Rio, 1939–40, 6: 633; 689.—**Gager, C. S.** De Vries and his critics. *Science*, 1906, n. ser., 24: 81–9.—**Garboe, A.** Zwei kleine süddeutsche Städte und ihre Beziehung zur Geschichte der Vererbungsforschung. *Janus, Leyde*, 1935, 39: 189–95.—**Guyénot, E.** La génétique et les illusions de M. Rabaud. *Bull. biol. Par.*, 1937, 71: 10–21.—**Haldane, J. B. S.** Genetics since 1910. *Nature*, Lond., 1935, 135: 726–9.—**Hammatt, F. S.** Heredity concepts of the ancient Hindus. *Sc. Month.*, 1928, 27: 452–5.—**Herve, G.** La génétique de Buffon. *Rev. anthrop. Par.*, 1923, 33: 141; 1930, 40: 5–15.—**Hommel, H.** Moderne und Hippokratische Vererbungstheorien. *Arch. Gesch. Med.*, 1927, 19: 105–22.—**Keudel, K.** Zur Geschichte und Kritik der Grundbegriffe der Vererbungslehre. *Sudhoffs Arch.*, 1935–36, 28: 381–416.—**Krauss, H.** Don Carlos, Geschichte und Erbforschung. *Münch. med. Wschr.*, 1939, 86: 739–42.—**Krumbiegel, I.** Die prämendelische Vererbungslehre und ihre Grundlagen. *Bibliogr. genet.*, Gravenh., 1933, 10: 251–98, portr.—**Laughlin, H. H.** The trends in modern genetics; an evaluation of current

researches. *Sc. Month.*, 1936, 43: 244–51.—**Lehmann.** Die Fortentwicklung der Mendelschen Regeln. *Münch. med. Wschr.*, 1919, 66: 1278.—**MacBride, E. W.** Mendel, Morgan and genetics. *Nature*, Lond., 1937, 140: 348–50.—**McLean, R. C.** Lucretius's anticipation of Mendelism. *Ibid.*, 1928, 121: 749.—**Montalenti, G.** Storia delle teorie dell'eredità. *Rass. stud. sess.*, 1928, 8: 112–25.—**Morgan, T. H.** The rise of genetics. *Science*, 1932, 76: 261; 285.—New research on heredity. *Discovery*, Lond., 1932, 13: 256–60.—**Ouy-Vernazobres.** Les lois de l'hérédité et les récits bibliques. *Bull. Acad. sc. Montpellier*, 1936, No. 65, 174–84.—**Present** (The) position of the Mendelians and biometricians. *Mendel J.*, Lond., 1909, 1: 159–63.—**Research in genetics** [Germany] *J. Am. M. Ass.*, 1937, 108: 569–71.—**Richards, H. M.** The work of Hugo de Vries; simple explanation of his mutation theory. *Sc. American*, Suppl., 1908, 65: 363.—**Rubio Sánchez, F.** Historia de las teorías de la herencia. *Tr. Cáted. hist. crit. méd.*, Madr., 1932–33, 1: 357–78.—**Singleton, W. R.** Early researches in maize genetics. *J. Hered.*, 1935, 26: 49; 121.—**Snyder, L. H.** Present trends in the study of human inheritance. *Eugen. News*, 1938 23: 61–6.—**Stiebitz, F.** Ueber die Kausalklärung der Vererbung bei Aristoteles. *Sudhoffs Arch.*, 1930, 23: 332–45.—**Vestberg, E.** [Historical, critical study on the theory of mutations with an antihypothesis] *Hygiea, Stockh.*, 1908, 2. F., 8: 119–83.—**Weldon, W. F. R.** Mr Bateson's revisions of Mendel's theory of heredity. *Biometrika*, Cambr., 1903, 2: 286–98.—**White, C. A.** The mutations theory of Professor De Vries. *Rep. Smithson. Inst.*, 1900–1, 631–40.

— Institutes.

ANN ARBOR. LABORATORY OF VERTEBRATE GENETICS. Contributions. *Ann Arb., Mich.*, No. 1, 1936—Incomplete.

Bureau (A) of human heredity (London) *J. Am. M. Ass.*, 1936, 106: 2247.—**Bureau** of human heredity established in England. *Science News Lett.*, 1939, 35: 377.—**Davenport, C. B.** Department of genetics; general statement. *Yearb. Carnegie Inst.*, Wash., 1931, 30: 37; 1933, 32: 31.—**Genetics at Cold Spring Harbor, N. Y. *Nature*, Lond., 1935, 136: 446.—**Simonné, J. A.** [German institutes for investigations in genetics] *Budapesti orv. ujs.*, 1936, 34: 730–3.—**Zamelis, A.** Bedeutung der Genetik in der Systematik und Geographie der Pflanzen (zugleich eine Mitteilung über die im Botanischen Garten der Universität Lettlands zu Riga ausgeführten genetischen Arbeiten) *Genetica*, Gravenh., 1931, 13: 151–82.**

— Instruction.

Lehmann, E. Bewegliche Kernteilungsmodelle zur Vererbungslehre. *Münch. med. Wschr.*, 1935, 82: 2042.—**Linsbauer, K.** Die Stecktafel, ein Lehrmittel zur Veranschaulichung der Vererbungsregeln. *Biol. gen.*, Wien, 1927, 3: 459–62.—**Lyon, E. P.** Heredity as a subject in the medical curriculum. *J. Lancet*, 1932, 52: 95–7.—**Macklin, M. T.** Should the teaching of genetics as applied to medicine have a place in the medical curriculum? *J. Ass. Am. M. Coll.*, 1932, 7: 368–73.—Teaching human inheritance to medical students. *Med. J. & Rec.*, 1932, 136: 215–22. Also repr.—**Riede, W.** Lehrmittel für den erwissenschaftlichen Unterricht. *Biol. gen.*, Wien, 1929, 5: 265–80.

— Manuals.

BAUR, E., FISCHER, E., & LENZ, F. Menschliche Erblchkeitslehre. 2. Aufl. 442p. 8°. Münch., 1923.

Forms Bd 1, Grundr. menschl. Erblchkeitslehre.

— [Menschliche Erblchkeitslehre. 3. ed.] *Human heredity; transl. by Eden and Cedar Paul*. 734p. 8°. Lond. [1931]

— Menschliche Erblchre und Rassenhygiene. Bd 1: Menschliche Erblchre. 4. Aufl. 796p. 8°. Münch., 1936.

BAUER, J. Vorlesungen über allgemeine Konstitutions- und Vererbungslehre für Studierende und Aerzte. 186p. 8°. Berl., 1921.

BAUR, E., & HARTMANN, M. Handbuch der Vererbungswissenschaft. 3v. 8°. Berl., 1927–34.

BOAS, F. Material for the study of inheritance in man. 540p. 8°. N. Y., 1928.

BONNETT, R. Lehrbuch der Entwicklungsgeschichte. 5. Aufl. 542p. 8°. Berl., 1929.

BREIDER, H. Die Gesetze der Vererbung und Züchtung. 188p. 17½cm. Brnschw. [1938]

CAULLERY, M. Les conceptions modernes de l'hérédité. 312p. 8°. [Par., 1935]

CLAUSSEN, F. Grundlagen der Erb- und Rassenlehre. p.101–60. 25½cm. Lpz., 1939.

- CREW, F. A. E. Organic inheritance in man. 214p. 8°. Lond., 1927.
- CUTLER, D. W. Evolution, heredity, and variation. 147p. 8°. Lond. [1925]
- DARLINGTON, C. D. Recent advances in cytology. 2. ed. 671p. 8°. Phila., 1937.
- The evolution of genetic systems. 149p. 22cm. Cambr. [Engl.] 1939.
- DUNN, L. C. Heredity and variation; continuity and change in the living world. 120p. 8°. N. Y. [1934]
- FORD, E. B. The study of heredity. 255p. 16°. Lond. [1938]
- GATES, R. R. Heredity in man. 385p. 8°. Lond., 1929.
- GOLDSCHMIDT, R. B. Die Lehre von der Vererbung. 217p. 12°. Berl., 1927.
- Einführung in die Vererbungswissenschaft. 5. Aufl. 568p. 8°. Berl., 1928.
- Physiological genetics. 375p. 8°. N. Y., 1938.
- GRAF, J. Vererbungslehre, Rassenkunde und Erbgesundheitspflege. 7. Aufl. 352p. 23cm. Münch., 1939.
- GRÜNERBERG, H. Elementary genetics for students of biology and medicine. 87p. 12°. Edinb. [1937?]
- GUYÉNOT, E. L'hérédité. 2. éd. 470p. 12°. Par., 1931.
- HAECKER, V. Pluripotenzersehnungen; synthetische Beiträge zur Vererbungs- und Abstammungslehre. 213p. 8°. Jena, 1925.
- JENNINGS, H. S. Genetics. 373p. 8°. N. Y. [1935]
- LESAGE, A. Enfance et hérédité. 104p. 8°. Par., 1933.
- MARTIAL, R. Race, hérédité, folie. 2. éd. 209p. 19cm. Par., 1938.
- MEISENHEIMER, J. Grundlagen der Vererbungslehre. p.355-475. 4°. Münch., 1926.
- MOORE, E. Heredity; mainly human. 343p. 8°. Lond., 1934.
- MUCKERMANN, H. Vererbung und Entwicklung; biologische Darlegungen über die Träger und Gesetze der Vererbung und Stammesgeschichte der Organismen unter besonderer Berücksichtigung des Menschen, 213p. 8°. Berl., 1937.
- NEWMAN, H. H. Readings in evolution, genetics, and eugenics. 523p. 8°. Chic., 1921.
- SAGEL, W., & WÜNSCHMANN, K. Erbbiologisches Bilderbuch für Laien. 52p. 22½cm. Dresd., 1938.
- SCHIFFNER, V. F. Die Existenzgründe der Zellbildung und Zellteilung, der Vererbung und Sexualität; Untersuchungen aus dem Gebiete der exakten Biologie. 160p. 8°. Jena, 1926.
- SEIFFERT, W. Die Erbgeschichte des Menschen. 176p. 8°. Stuttg., 1935.
- SHULL, A. F. Heredity. 2. ed. 345p. 8°. N. Y., 1931. Also 3. ed. 442p. 1938.
- SINNOTT, E. W., & DUNN, L. C. Principles of genetics. 431p. 8°. N. Y., 1925. Also 3. ed. 408p. 1939.
- STARKWEATHER, G. B. Biogenetic marvels; the romance of biology, disclosing man's infinite potentialities, etc. 2v. 746p. paged consec. 8°. Wash. [1925]
- STURTEVANT, A. H., & BEADLE, G. W. An introduction to genetics. 391p. 20½cm. Phila., 1939.
- WADDINGTON, C. H. An introduction to modern genetics. 441p. 22cm. N. Y., 1939.
- WALKER, C. E. Evolution and heredity; theories and problems. 222p. 8°. Lond., 1936.
- WALTER, H. E. Genetics; an introduction to the study of heredity. 4. ed. 412p. 8°. N. Y., 1938.
- Medical aspect.
- See also **Eugenics; Genealogy, Medical aspect; Heredity, Pathology**; also names of inherited characters and hereditary diseases as **Blood group; Body constitution; Deafmutism; Pigmentation; Sex, &c.**
- DOBZHANSKY, T. L'effet de la position et la théorie de l'hérédité. 40p. 250mm. Par., 1936.
- HOFMEIER, K. Die Bedeutung der Erbanlagen für die Kinderheilkunde. 3p. 29½cm. [Berl., 1938]
- POPENOE, P. The child's heredity. 316p. 8°. Balt., 1930.
- SALOM, A. *La génétique moderne et l'hérédité chez l'homme. 45p. 8°. Par., 1937.
- SCHILLER, J. *Le problème de l'hérédité chez l'homme. 67p. 8°. Par., 1935.
- ARON, M. Le problème de la transmission des caractères héréditaires et ses bases morphologiques. Biol. méd., Par., 1930, 20: 129-71.—**Aschner, B.** Probleme der menschlichen Vererbungsbiologie; dargestellt am Beispiele des peripheren Bewegungsapparates. Wien. klin. Wschr., 1928, 41: 1213-6. Also Wien. med. Wschr., 1928, 78: 809.—**Barker, L. F.** The significance of heredity. Proc. Interst. Postgrad. M. Ass. N. America (1927) 1928, 3: 143-8.—**Bateson, W.** An address on Mendelian heredity and its application to man. Brain, Lond., 1906, 29: 157-79, 3 pl. Also Brit. M. J., 1906, 2: 61-7.—**Bauer, D. deF.** Genetical research in medical practice. Canad. M. Ass. J., 1940, 43: 135-41.—**Bauer, J.** Las leyes mendelianas. Rev. méd. Barcelona, 1930, 13: 534-43.—**Bauer, K. H.** Vererbungsbiologie und Pathologie. Zschr. ärztl. Fortbild., 1934, 31: 188.—**Benjamins, C. E.** [The problem of heredity] Mschr. kindergeneesk., 1932-33, 2: 49-66.—**Bleuler, E.** Mendelismus in der Medizin. Münch. med. Wschr., 1921, 68: 666.—**Boehm, H.** Aus der menschlichen Erbforschung. Zschr. ärztl. Fortbild., 1939, 56: 760-3.—**Bristow, W. J.** Heredity as a factor in medicine. J. S. Carolina M. Ass., 1927, 23: 458-63.—**Brožek, A.** [Mendelian formulas] Anthropol., Praha, 1929, 7: 119-29, portr.—**Cunningham, J. T.** Heredity. Internat. J. Orthod., 1930, 16: 703-13.—**Curtius, F.** Die methodische Bedeutung der Erbforschung für die Pathologie. Klin. Wschr., 1934, 13: 505-7. — Erbbiologische Strukturanalyse im Dienste der Krankheitsforschung. Zschr. Morph. Anthropol., 1934, 34: 63-75.—**Davenport, C. B.** The relation between pathology and heredity. Eugen. News, 1932, 17: 105-9. — Child development from the standpoint of genetics. Sc. Am. Month., 1934, 39: 97-116.—**Davidenkoff, S. N.** [Genetics and the clinic] Sovet. klin., 1934, 20: 859-67.—**Dreyfus, A.** O estado actual do problema da hereditariedade. Rev. med., S. Paulo, 1929-30, 14: No. 52, 50-69.—**Drinkwater, H.** The application of Mendelian rules to human inheritance. Brit. M. J., 1909, 1: 64; 308; 629.—**Federley, H.** [Anthropogenetics as medical discipline] Sven. läk. tidn., 1938, 35: 1615-23.—**Fischer, E.** Recherches sur l'hérédité et leçon sur la constitution. Arch. internat. neur., Par., 1926, 19. ser., 1: 19-24. — Die heutige Erblehre in ihrer Anwendung auf den Menschen. Verh. Deut. Ges. inn. Med., 1934, 46. Kongr., 9-34.—**Georgii, M.** Erbbiologie im Kindesalter. Arch. sozial. Hyg., 1930, 5: 204-16.—**Gerhardt, U.** Das Mendelsche Vererbungsgesetz. Med. Klin., Berl., 1905, 1: 883-5.—**Govaerts, A.** L'hérédité en biologie et chez l'homme. Bull. Soc. form. humain., Par., 1926, 4: 269-83.—**Greil, A.** Aus den anatomischen Grenzgebieten; Erziehung zum ärztlichen Denken. Verh. Anat. Ges., 1925, 34: 22-53.—**Helmon, S. E.** [Heredity in odontology] Med. biol. J., Moskva, 1929, 5: 94-107.—**Hertwig, P.** Die Vererbung beim Menschen. Umschau, 1927, 31: 939-41. — Grundbegriffe des einfachen und des höheren Mendelismus. Zschr. ärztl. Fortbild., 1934, 31: 186-8.—**Humphreys, H.** Human heredity. Birmingham M. Rev., 1928, n. ser., 3: 322-36.—**Just, G.** Die Grundgesetze der Vererbung beim Menschen. Eugenik, Berl., 1930-31, 1: 30-6. — Vom biologischen Denken in der menschlichen Erblehre. Med. Welt, 1934, 8: 1254-7. — Probleme des höheren Mendelismus beim Menschen. Zschr. indukt. Abstamm., 1934, 67: 263-86.—**Koehler, O.** Was lehrt uns die exakte Erbforschung an Pflanze und Tier für die Vererbung beim Menschen? Med. Welt, 1935, 9: 1260; 1296.—**Koltsov, N. K.** [Genetics in study of biology of man] Sovet. klin., 1934, 20: 854-8.—**Krafka, J., jr.** Practical aspects of human genetics in medicine. J. M. Ass. Georgia, 1937, 26: 378-81.—**Kulagine, N. M.** [Disputed questions in heredity] Klin. med., Moskva, 1928, 6: 673-83.—**Lake, G. B.** The mechanism of heredity. Am. Med., 1930, 25: 773-6.—**Lang, C. A.** Le leggi dell'ereditarietà in rapporto all'ipotesi cromosomica e all'ereditarietà umana. Gior. med. mil., 1938, 86: 1033-55.—**Lehmann, W.** Einige Erbliehkeitsfragen in der Kinderklinik. Arch. Kinderh., 1935, 106: 193-200. — Neue Ergebnisse der Erbforschung. Med. Klin., Berl., 1935, 31: 1211-4.—**Levit, S. G.** [Certain achievements in medical genetics] Sovet. klin.,

- 1934, 20: 183-6.—**Link, G. K. K.** The rôle of genetics in etiological pathology. *Q. Rev. Biol.*, 1932, 7: 127-71.—**Macklin, M. T.** Heredity as an aid to modern therapy. *Canad. M. Ass. J.*, 1933, 28: 394-7.—The relation of heredity to life insurance. *Ibid.*, 1939, 41: 499-505.—**Martinov, A. V.** [Heredity, constitution and genetics] *Klin. med.*, Moskva, 1929, 7: 1461-6.—**Meller, G. G.** [Principal steps in the development of theoretical genetics and their importance from the viewpoint of medicine] *Sovet. klin.*, 1934, 20: 842-53.—**Morgan, T. H.** The relation of genetics to physiology and medicine; Nobel lecture, presented in Stockholm on June 4, 1934. *Sc. Month.*, 1935, 41: 5-18. Also *Annual Rep. Smithsonian Inst.*, 1935, 345-59.—**Mudge, G. P.** A plea for the operation of a more virile sentiment in human affairs. *Mendel J.*, Lond., 1909, 1: 45-124.—**Nelson, L. A.** Some genetic considerations in public health. *Am. Med.*, 1933, 39: 336-56.—**Parker, G. H.** Heredity and human biology. *Ann. Otol. Rhinol.*, 1929, 38: 940-51.—**Pearson, K.** The application of Mendelian rules to human inheritance. *Brit. M. J.*, 1909, 1: 184; 372: 568.—**Poll, H., & Zekert, H.** Allgemeiner Erbkunde. *Fortsch. Zahnk.*, 1933, 9: 749-68.—**Portell y Vila, J.** La herencia desde el punto de vista eugenésico y sus relaciones con la pedagogía. *Crón. med. quir.* Habana, 1926, 52: 508-18.—**Roberts, J. A. F.** The place of genetics in the practice of medicine. *Newcastle M. J.*, 1937, 17: 115-34.—**Rodríguez Sarabia, L., & de Velasco, Castellanos, R.** La herencia en fisiología. *Rev. méd. cubana*, 1934, 45: 969-76.—**Rugani, L.** La legge di Mendel nell'otorinolaringologia. *Arch. ital. otol.*, 1921, 32: 38-45.—**Sanders, J.** [Certain conceptions of heredity] *Mtschr. kindergeneesk.*, 1934, 3: 65-81.—**Schaer, H.** Vererbungsprobleme in der Chirurgie. *Praxis, Bern*, 1939, 28: 563-72.—**Schiller, J.** La génétique mendélienne et l'homme. *Presse méd.*, 1937, 45: 425.—**Shaw, M.** Mendelism and medicine. *Postgrad. M. J.*, Lond., 1939, 15: 37-52.—**Siemens, H. W.** Experimentelle Vererbungsbiologie und Medizin. *Münch. med. Wschr.*, 1928, 75: 1325-8.—**Snyder, L. H.** Genetics and medicine. *Ohio M. J.*, 1933, 29: 705-8.—**Stephan, J.** Grundtatsachen der Vererbung, ihre Anwendung und Bedeutung für den Menschen. *Natur. Lpz.*, 1927, 18: 49-53.—**Troisier, J.** L'hérédité et les lois de Mendel. *Presse méd.*, 1938, 46: 89-93.—**Tschermak, E.** Die Mendelsche Lehre und die Galtonsche Theorie vom Abnehmerbe. *Arch. Rassenb.*, 1905, 2: 663-72.—**Turco, N. B.** Nuevas ideas sobre la herencia biológica. *Crón. méd. mex.*, 1930, 29: 160-4.—**Verschür, O. von.** Menschliche Erbforschung und ärztliche Praxis. *Münch. med. Wschr.*, 1931, 78: 149-51.—Die heutige Erblehre des Menschen. *Mtschr. Kinderh.*, 1934, 62: 113-23.—**Wilson, E. B.** Mendel's principles of heredity and the maturation of the germ-cells. *Science*, 1902, n. ser., 16: 991-3.—**Winkler, H.** Ueber den heutigen Stand der Erbbiologie. *Mtschr. Geburtsh. Gyn.*, 1934, 98: 85-101.
- **Methods.**
- BAUER, J.** [et al.] Methoden der Vererbungsforschung. 690p. 8° Berl., 1937.
Forms Abt. 9, Teil 3, 1. Hälfte, of *Handb. biol. Arbeitsmeth.* (Abderhalden, E.)
- BRIEGER, F.** [et al.] Methoden der Vererbungsforschung. p.691-1402. 8° Berl., 1937.
Forms Abt. 9, Teil 3, 2. Hälfte, of *Handb. biol. Arbeitsmeth.* (Abderhalden, E.)
- HAECKER, V.** Methoden der Vererbungsforschung beim Menschen. p.93-192. 8° Berl., 1937.
In *Handb. biol. Arbeitsmeth.* (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, 1. Hälfte.
- HURST, C. C.** Experiments in genetics. 578p. 4° Cambr. [Engl.] 1925.
- SCHULTZ, W.** Methoden zur Darstellung versteckter mendelnder Erbanlagen durch ihre Aktivierung ohne Kreuzung. p.1055-113. 8° Berl., 1937.
In *Handb. biol. Arbeitsmeth.* (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, 2. Hälfte.
- Aebly, J.** Ueber ein quantitatives Mass für die Ähnlichkeit von Individuen. *Zschr. ges. Anat.*, 2. Abt., 1925-26, 12: 712-5.—**Aschner, B.** Ueber die Arbeitsmethoden der menschlichen Erbforschung. *Wien. klin. Wschr.*, 1936, 49: 1304; 1333; 1362.—**Bernstein, F.** Ueber die Ermittlung und Prüfung von Gen-Hypothesen aus Vererbungsbeobachtungen am Menschen und über die Unzulässigkeit der Weinberg'schen Geschwistermethode als Korrektur der Auslesewirkung. *Arch. Rassenb.*, 1929, 22: 241-4.—Ueber die Unzulässigkeit der Weinberg'schen Geschwistermethode. *Ibid.*, 1930, 23: 285-90 [Bemerkungen von F. Lenz] 291-3.—**Bischoff, W.** Ein Schlusswort an Heinrich Prell in Sachen der graphischen Darstellung für die Entstehung von Phänotypen im Kräfteparallelogramm. *Zool. Anz.*, 1925, 64: 115.—**Bodewig, E.** Mathematische Untersuchungen zum Mendelismus; zur Eugenik. *Genetica, Gravenh.*, 1936, 40: 116-86. Also *Zschr. indukt. Abstamm.*, 1936, 71: 84-119.—**Bounoure, L.** Une preuve expérimentale du rôle du déterminant germinal chez la grenouille rousse. *C. rend. Acad. sc.*, 1935, 201: 1223-5.—**Breider, H.** Eine Erbanalyse von Artmerkmalen geographisch vikarierender Arten der Gattung *Limia*. *Zschr. indukt. Abstamm.*, 1936, 71: 441-99.—Calculation of the minimum number of genes in Winter's selection experiment. *Ann. Eugen.*, Cambr., 1934-35, 6: 77-82.—**Czellitzer, A.** Fehlerquellen, Irrwege und Schwierigkeiten der Erbforschung. *Deut. med. Wschr.*, 1928, 54: 1629-31.—**De Finetti, B.** Considerazioni matematiche sull'ereditarietà mendeliana. *Metron, Padova*, 1926, 6: 5-41.—Alcune conseguenze statistiche delle leggi di Mendel. *Riv. biol.*, 1927, 9: 525-53.—**Dörries-Rüger, K.** Experimentelle Analyse der Genom- und Plasmawirkung bei Moosen. *Zschr. indukt. Abstamm.*, 1929, 52: 390-405.—**Dröogeleer Fortuyn, A. B.** Two methods of studying human genetics. *Eugen. News*, 1936, 21: 50-2.—**Euler, H. von, & Runehjelm, D.** Experimentelle chemische Beiträge zur Erblchkeitsforschung. *Zschr. physiol. Chem.*, 1929, 185: 74-80.—& **Hellström, H.** Experimentelle chemische Beiträge zur Erblchkeitsforschung. *Ibid.*, 182: 205-17.—**Euler, H. von, Steffenburg, S., & Hellström, H.** Experimentelle chemische Beiträge zur Erblchkeitsforschung. *Ibid.*, 183: 113-22.—**Fischer, E.** Versuch einer Genanalyse des Menschen; mit besonderer Berücksichtigung der anthropologischen Systemrassen. *Zschr. indukt. Abstamm.*, 1930, 54: 127-234.—**Franzi, L.** Sulla metodologia delle ricerche per lo studio dell'eredità nell'uomo. *Pediatrica (Riv.)*, 1939, 47: 573-92.—**Furst, T.** Wie kann die Tätigkeit des Schularztes der Erblchkeitsforschung und Rassenhygiene dienen? *Arch. Rassenb.*, 1927, 19: 301-14.—**Gagarin, V. G.** [Experimental analysis of genetically automatic processes] *Biol. J.*, Moskva, 1933, 2: 451-7.—**Gallardo, A.** Sur l'épreuve statistique de la loi de Mendel. *C. rend. Acad. sc.*, 1908, 146: 361.—**Haldane, J. B. S.** Some principles of causal analysis in genetics. *Kausalprobl. (Internat. Kongr. Einh. Wiss.)* Lpz. (1936) 1937, 2. Kongr., 346-57 [Discussion] 374.—**Hance, R. T.** Detection of heterozygotes with X-rays; difference in strength of genetic characters resulting from single or double genes shown in case of color in the mouse. *J. Hered.*, 1928, 19: 481-5.—**Herbst, W.** Variation, Mendelismus und Selektion in mathematischer Behandlung. *Zschr. indukt. Abstamm.*, 1927, 44: 110-25.—**Hogben, L.** Some methodological aspects of human genetics. *Am. Natur.*, 1933, 67: 254-63.—**Kammerer, P.** Methoden zur Erforschung der Vererbung erworbener Eigenschaften. In *Handb. biol. Arbeitsmeth.* (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, 1. Hälfte, 35-64.—**Kikkawa, H.** The Sump method for *Drosophila* morphology. *J. Hered.*, 1938, 29: 395-7.—**Koller, S.** Gegenwärtiger Stand der erbstatistischen Methodik beim Menschen. *Arch. sozial. Hyg.*, 1931, 6: 194-9.—Die theoretische Erblprognose bei mono- und dimeren Erbgang. *Zschr. indukt. Abstamm.*, 1935, 70: 453-8.—**Kroh, O.** Zur Methodenfrage in der experimentell-psychologischen Erblchkeitsforschung. *Zschr. menschl. Vererb.*, 1939-40, 24: 116-60.—**Laibach, F.** Künstliche Frühgeburten bei Pflanzen in ihrer Bedeutung für die Bastard- und Vererbungsforschung. *Naturwissenschaften*, 1927, 15: 696-700.—**Laughlin, H. H.** Calculating ancestral influence in man: a mathematical measure of the facts of bisexual heredity. *Genetics*, 1920, 5: 435-58, 2 diag.—How to use the specific formula of heredity. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 611-16.—**Mather, K.** The combination of data. *Ann. Eugen.*, Cambr., 1934-35, 6: 399-410.—**Muller, H. J.** Quantitative methods in genetic research. *Am. Natur.*, 1927, 61: 407-19.—**Reichel, H.** Ueber eine verbesserte Methode der Berechnung der Abhängigkeit von Merkmalen (Vielfelderrechnung) *Genetica, Gravenh.*, 1936, 18: 146-56.—**Schött, E. D.** [A new, simple and convenient method of taking finger and hand-prints for the study of heredity by dactyloscopy and blood-grouping] *Upsala läk. fören. förh.*, 1927, n. F., 33: 347-53.—**Schultz, J., & Bridges, C. B.** Methods for distinguishing between duplications and specific suppressors. *Am. Natur.*, 1932, 66: 323-34.—**Scourfield, D. J.** Mendelism and microscopy. *J. Quekett Micr. Club, Lond.*, 1905-6, n. ser., 9: 395-422.—**Smith, H. F.** The test of significance for Mendelian ratios when classification is uncertain. *Ann. Eugen.*, Cambr., 1937, 8: 94-105.—**Tammes, T.** The use of symbols for indicating the history of individuals or groups of individuals in genetic investigations. *Genetica, Gravenh.*, 1930, 12: 145-50.—**Timoféev-Ressovsky, H. A., & Timoféev-Ressovsky, N. W.** Genetische Analyse einer freilebenden *Drosophila melanogaster*-Population. *Arch. Entw. mech.*, 1927, 109: 70-109.—**Verschür, O. von.** The study of heredity as applied to psychic properties. *Character & Personality*, 1933, 2: 41-7.—Erbforschung beim Menschen. *Jahrb. Ges. Natur. Heilk. Dresden* (1932-34) 1934, 33. Also *Naturwissenschaften*, 1934, 22: 765-71.—**Weidenreich, F.** Vererbungsexperiment und vergleichende Morphologie. *Zschr. indukt. Abstamm.*, 1930, 54: 8-19 [Discussion] 43-50.—**Weinberg, W.** Zur Methodik der Vererbungsstatistik beim Menschen. *Ibid.*, 1926, 41: 121-5.—Mathematische Grundlagen der Probandenmethode. *Ibid.*, 1928, 48: 179-228.—Gedanken zur Messung der Manifestationshäufigkeit der erblichen Anlagen und zur Beurteilung der Erblchkeit überhaupt. *Genetica, Gravenh.*, 1934, 16: 360-4.—**Willoughby, R. R.** A method for approximating genetic constitutions. *J. Genet. Psychol.*, 1928, 35: 131-4.
- **Periodicals.**
- BIBLIOGRAPHIA GENETICA.** Gravenhage, v.1, 1925—
- GENETIC PSYCHOLOGY MONOGRAPHS.** Worcester, Mass., v.1, 1926—

GENETICA; Nederlandsch tijdschrift voor erfelijkheids- en afstammingsleer. Gravenh., v.1, 1919—

GENETICS. Menasha, Wis., v.5, 1920—

HEREDITAS. Lund, 1: 1920—

JOURNAL OF GENETICS. Lond., v.1, 1910—

JOURNAL OF HEREDITY. Wash., D. C., v.5, 1914—

RESUMPTIO GENETICA. Gravenh., v.1-8, 1924—

ZEITSCHRIFT für induktive Abstammungs- und Vererbungslehre. Berl., v.1, 1908—

ZEITSCHRIFT für menschliche Vererbungs- und Konstitutionslehre. Berl., 19: 1935—

Formerly: Zeitschrift für die gesamte Anatomie, 2. Abt., Zeitschrift für Konstitutionslehre.

— plant.

See also Plant, Physiology; also names of plants.

BRIEGER, F. G. Methoden der Erforschung der Vererbungsvorgänge bei Pflanzen. p.1183-1308. 8° Berl., 1937.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1937, Abt. 9, Teil 3, 2. Hälfte.

Blakeslee, A. F., & Avery, A. G. Methods of inducing doubling of chromosomes in plants, by treatment with colchicine. J. Hered., 1937, 28: 393-411, pl.—Blakeslee, A. F., Belling, J., & Farnham, M. E. Chromosomal duplication and Mendelian phenomena in *Datura* mutants. Science, 1920, n. ser., 52: 388-90.—Brunan, A. J. Genetic aspects of plant introduction: an approach to the heredity-environment problem in plants. Sc. Month., 1938, 46: 120-31.—Chiarugi, A. I problemi della genetica studiati nel mondo vegetale. Boll. Soc. ital. biol. sper., 1937, 12: 513-39.—Chittenden, R. J. Note on an abnormal *Antirrhinum*. J. Genet., Lond., 1927-28, 19: 281-3.—Christie, W., & Wriedt, C. Zur Vererbung in der Gattung *Camelina*: eine Antwort. Hereditas, Lund, 1926, 7: 355.—Clausen, J. Genetical and cytological investigations on *Viola tricolor* L. and *V. arvensis* Murr. Ibid., 8: 1-156, 2 pl. — Non-Mendelian inheritance in *Viola*. Ibid., 1927, 9: 245-56.—Correns, C. Genetische Untersuchungen an *Lamium amplexicaule* L. Biol. Zbl., 1926, 46: 65; 702; 721. — Vererbungsversuche mit buntblättrigen Sippen. Sitzber. Preuss. Akad. Wiss., phys. math. Kl., 1931, 203-31.—Durst, C. E. M. Inheritance in lettuce. Science, 1929, 69: 553.—East, E. M. The genetics of the genus *Nicotiana*. Bibliogr. genet., Gravenh., 1928, 4: 243-320.—Eyster, W. H. Genetics of *Zea mays*. Ibid., 1934, 11: 187-358, 91 fig.—Haan, H. de [Contributions to the genetics of *Pisum*]. Genetica, Gravenh., 1930, 12: 321-440, 2 pl.—Hall, A. D. Bateson's experiments on bolting in sugar beet and mangolds. J. Genet., Lond., 1928-29, 20: 219-31.—Harland, S. C. The genetics of *Ricinus communis*. L. Bibliogr. genet., Gravenh., 1928, 4: 171-8.—Haupt, G. Beiträge zur Zytologie der Gattung *Marchantia* (L.) Zschr. indukt. Abstamm., 1932, 62: 367-428.—Hocpenner, E., & Renner, O. Genetische und zytologische Oenotherenstudien; zur Kenntnis der *Oenothera amniphila* Focke. Ibid., 1928, 49: 1-25.—Honing, J. A. [Researches on heredity in tobacco plant]. Genetica, Gravenh., 1927, 9: 1-18.—Ichijima, K. Cytological and genetic studies on *Fragaria*. Genetics, 1926, 2: 590-604.—Ikeno, S. Eine Monographie über die Erblichkeitsforschung bei der Reispflanze. Bibliogr. genet., Gravenh., 1927, 3: 245-312. — Eine Monographie der Erblichkeitsforschungen an den Plantaginaceen. Ibid., 313-54.—Imai, Y. Genetic behaviour of the willow leaf in the Japanese morning glory. J. Genet., Lond., 1925-26, 16: 77-99, 2 pl.—Kajanus, B. Die Ergebnisse der genetischen Weizenforschung. Bibliogr. genet., Gravenh., 1927, 3: 141-244.—Kniep, H. Vererbungserscheinungen bei Pilzen. Ibid., 1929, 5: 371-478.—Köhler, V. Genetische Studien an *Mucor mucedo* Brefeld; der Erbgang. Zschr. indukt. Abstamm., 1935, 70: 27-39.—Kooiman, H. N. Monograph on the genetics of *Phaseolus* (especially *Phaseolus vulgaris* and *Phaseolus multiflorus*). Bibliogr. genet., Gravenh., 1931, 8: 295-413.—Kristofferson, K. B. Contributions to the genetics of *Brassica oleracea*. Hereditas, Lund, 1927, 9: 343-8.—Lamprecht, H. Zur Genetik von *Phaseolus vulgaris*. Ibid., 1932, 33, 17: 1; 21; 54; 249.—Laughlin, H. H. The specific formula of heredity. Proc. Nat. Acad. Sc. U.S., 1933, 19: 1020-2.—Lehmann, E. Die Grundlagen des Vererbungsgeschehens. Med. Korb. Württemberg, 1933, 103: 513-8.—Malinowski, E. Genetics of *Brassica*. Bibliogr. genet., Gravenh., 1929, 5: 1-26.—Mangelsdorf, A. J., & East, E. M. Studies on the genetics of *Fragaria*. Genetics, 1927, 12: 307-39.—Muller, K. O. Untersuchungen zur Genetik der Kartoffel. Arb. Biol. Reichsanst., 1926-27, 15: 177-213.—Nilsson, E. Erblichkeitsversuche mit *Pisum*. Hereditas, Lund, 1932, 17: 71; 197.—Nilsson-Leissner, G. Beitrag zur Genetik von *Triticum spelta* und *Triticum vulgare*. Ibid., 1925, 7: 1-74.—Pathak, G. N. Studies in the cytology of cereals. J. Genet., Camb., 1939-40, 39: 437-67.—Pease, M. S. Genetic studies in *Brassica oleracea*. Ibid., 1925-26, 16: 363-85, 3 pl. — Genetic studies in *Brassica oleracea*;

the kohl rabi. Ibid., 1926-27, 17: 253-67, 3 pl.—Pellaw, C. The genetic behaviour of *Primula kewensis*. Zschr. indukt. Abstamm., 1927, 45: 402.—Rudloff, K. F. Zur Kenntnis der *Oenothera purpurata* Klebahn und *Oenothera rubricaulis* Klebahn; genetische und zytologische Untersuchungen. Ibid., 1929, 52: 191-235.—Saunders, E. R. A study of *Antirrhinum orontium*. Hereditas, Lund, 1927, 9: 17-24.—Sax, K. The cytology of *Triticum* in relation to genetics. Proc. Internat. Congr. Plant Sc. (1926) 1929, 4. Congr., 1: 345-50.—Shull, G. H. *Oenothera* cytology in relation to genetics. Am. Natur., 1928, 62: 97-114.—Spillman, W. J., & Sando, W. J. Mendelian factors in the cowpea (*Vigna species*) Papers Michigan Acad. Sc., 1929, 11: 249-83.—Sturtevant, A. H., & Emerson, S. Genetic and cytological studies on *Oenothera*. Zschr. indukt. Abstamm., 1931, 59: 365; 381; 395, 4 pl.—Tammes, T. The genetics of the genus *Linum*. Bibliogr. genet., Gravenh., 1928, 4: 1-36.—Tedin, O. Zur Vererbung in der Gattung *Camelina*; eine Antwort. Hereditas, Lund, 1926-27, 8: 359-62. — & Tedin, H. Contribution to the genetics of *Pisum*. Ibid., 1925, 7: 102-8.—Tjebbes, K., & Kooiman, H. N. [Researches on heredity in beans]. Genetica, Gravenh., 1921, 3: 27-49.—Tometorp, G. Cytological studies on haploid *Hordeum distichum*. Hereditas, Lund, 1939, 25: 241-54.—Toxopeus, H. J. Erblichkeitsuntersuchungen an *Nigella damascena* L. Genetica, Gravenh., 1927, 9: 341-440, pl.—Warth, G. Zytologische, histologische und stammesgeschichtliche Fragen aus der Gattung *Fuchsia*. Zschr. indukt. Abstamm., 1925, 38: 200-57, tab.—Watkins, A. E. Genetic and cytological studies in wheat. J. Genet., Lond., 1924-25, 15: 323-66. — & Cory, F. M. Genetic and cytological studies in wheat. Ibid., 1931, 25: 55-90.—Weldon, W. F. R. Mendel's laws of alternative inheritance in peas. Biometrika, Camb., 1901-2, 1: 228-54, 2 pl.—Yamaguchi, Y. Neuere genetische Untersuchungen über die Reispflanze. Zschr. indukt. Abstamm., 1927, 45: 105-22.—Zündorf, W. Zytogenetisch-entwicklungs-geschichtliche Untersuchungen in der *Veronica*-Gruppe *Biloba* der Sektion *Alsinebe* Griseb. Ibid., 1939, 77: 195-238.

— Theories, and laws.

See also Chromosome; Crossing; Embryogeny; Gen; Genotype; Mutation.

CONRAD, K. Ueber die Grenzen der menschlichen Erbforschung. 13p. 24½cm. Berl., 1939.

GASKELL, G. A. A new theory of heredity. 92p. 16° Lond. [1931]

GOLDSCHMIDT, R. B. Physiologische Theorie der Vererbung. 247p. 8° Berl., 1927.

MORGAN, T. H. Genetics and the physiology of development. 32p. 8° N. Y., 1927.

RUSSELL, E. S. The interpretation of development and heredity; a study in biological method. 312p. 8° Oxf., 1930.

STOCKARD, C. R. Mechanisms of heredity. p.39-79. 8° N. Y., 1937.

In Pub. Cornell Univ. Anat., 1936-37, 17: No. 3.

Aron, M. Initiation biologique; l'hérédité; le mécanisme de transmission des caractères héréditaires. Nature, Par., 1929, 57: pt 2, 439-47.—Ayuso y O'Horibe, H. Relación entre las leyes mendelianas de la herencia y el binomio de Newton. Rev. méd. Yucatán, 1936-38, 19: 211-7.—Baehr, V. B. de. Sur les bases cytologiques de l'hérédité. Cellule, Louvain, 1923, 36: pt 2, 371-444.—Bailey, P. G. Primary and secondary repudiation series. J. Genet., Camb., 1913-14, 3: 221-7.—Bauer, J. Problems of human genetics. Bull. Johns Hopkins Hosp., 1929, 44: 52-69.—Bertolini, F. Les somidés d'Enriques et leur comportement. Scientia, Bologna, 1934, 55: 374-83.—Bluhm, A. Richard Goldschmidt's Physiologische Theorie der Vererbung. Zschr. Sexwiss., 1927-28, 14: 182-5.—Boehm, H. Grundzüge der Vererbungslehre. Zschr. ärztl. Fortbild., 1934, 31: 40; 69.—Bowen, W. W. The Mendelian law. J. Iowa M. Soc., 1926, 16: 117-29.—Castle, W. E. Mendel's law of heredity. Proc. Am. Acad. Art. Sc., 1902-3, 38: 535-48. Also Science, 1903, n. ser., 18: 396-406. — The gene theory in relation to blending inheritance. Proc. Nat. Acad. Sc. U. S., 1933, 19: 1011-15. — The incompleteness of our knowledge of heredity in mammals. J. Mammal., Balt., 1933, 14: 183-8.—Clausen, R. E., & Goodspeed, T. H. Hereditary reaction-system relations; an extension of Mendelian concepts. Proc. Nat. Acad. Sc. U. S., 1916, 2: 240-4.—Colton, H. S. A Lamarckian experiment. Am. Natur., 1931, 65: 343-50.—Crew, F. A. E. The mechanism of inheritance. Brit. M. J., 1926, 2: 285-9.—Csörsz, K. [Some genetic problems of general interest] Orvosképzés, 1934, 24: 753-67, ch.—Cuénot, L. Sur quelques anomalies apparentes des proportions mendéliennes. Arch. zool. exp., Par., 1907-8, 4. ser., 9: notes rev., p. vii-xv.—Cunningham, J. T. The interpretation of Mendelian phenomena. Nature, Lond., 1907-8, 77: 54.—Danser, B. H. Ueber die Begriffe Konparium, Komiskuvium und Konvivium und über die Entstehungsweise der Konvivien. Genetica, Gravenh., 1928-29, 11: 399-450.—Davenport, C. B. Heredity and Mendel's law. Proc. Washington Acad. Sc., 1907, 9: 179-87.—Davis, N. F. Theories of heredity. Ment. Health Bull., Danville, 1928, 4: No. 5, 5.—

- Du Bois, A. M.** The chief problems of genetics. Ciba Symposia, 1939, 40, 1: 252-8.—**Falkenström, G.** Systematik und Genetik. Biol. gen., Wien, 1935, 11: 2. Teil, 159-91.—**Gates, R. R.** Genetic principles. In *Chances of morbid inherit.* (Blacker, C. P.) Lond., 1934, 1-36.—**Gershenson, S.** [Recapitulation of characteristics and genetics] Usp. sovrem. biol., 1936, 5: 1065-8.—**Goldschmidt, R.** Progressive heredity and anticipation, the possibility of a genetic explanation of certain odd hereditary phenomena observed in man. J. Hered., 1938, 29: 140-2.—**Green, W. R.** The significance for the theory of heredity of the reduction in the number of body segments in *Drosophila melanogaster* through rigorous selection. J. Morph., 1940, 66: 67-97, 2 pl.—**Haacke, W.** Mendel's law of heredity. Sc. American, 1907, 63: Suppl., 25920.—**Haldane, J. B. S.** Contribution de la génétique à la solution de quelques problèmes physiologiques. C. rend. Soc. biol., 1935, 119: 1481-96.—**Hazlitt, V.** Professor McDougall and the Lamarckian hypothesis. Brit. J. Psychol., 1927, 18: Sect. Gen., 77-86.—**Herbst, C.** Die Physiologie des Kernes als Vererbungs-substanz. In *Handb. norm. path. Physiol.* (A. Bethe) Berl., 1926, 17: 991-1039.—**Heribert-Nilsson, N.** Die redutive Morphologie in der Genetik. Hereditas, Lund, 1927, 9: 405-10.—**Hertwig, G.** Das Befruchtungs- und Vererbungsproblem im Lichte der vergleichend-quantitativen Kernforschung. Verh. Anat. Ges., 1932, 41: 63-71. — Was weiss die Vererbungslehre über die Entstehung neuer Erbanlagen und Arten? Med. Welt, 1933, 7: 1400-3. — Probleme der heutigen Vererbungslehre. Naturwissenschaften, 1934, 22: 425-30.—**Herwerden, M. A. van** [Mechanism of heredity] Tsch. social. hyg., 1927, 29: 310-9.—**Jeffrey, E. C.** The present status of the biogenetic law. Science, 1924, n. ser., 60: 531-6.—**Jenkin, T. J.** The relation between genetics and systematics. Rep. Brit. Ass. Advance. Sc., 1937, 107: 427.—**Keiffer, L.** Les bases physiques de l'hérédité. Bull. Soc. anthrop. Bruxelles, 1901-02, 20: 19-21.—**Kühn, A.** Physiologie der Vererbung und Artumwandlung. Naturwissenschaften, 1935, 23: 1-10.—**Künkel, F.** Der Kampf um die Vererbung. Internat. Zschr. Individpsychol., 1930, 8: 282-94.—**Landau, E.** La dynamique formative. Schweiz. med. Wschr., 1938, 68: 226.—**Laughlin, H. H.** The general formula of heredity. Proc. Nat. Acad. Sc. U. S., 1933, 19: 787-801, ch.—**Lock, R. H.** The interpretation of Mendelian phenomena. Nature, Lond., 1907-8, 77: 32.—**Luxenburger, H.** Der Begriff der Penetranz in der Erblichkeitsforschung. Münch. med. Wschr., 1934, 81: 1699. — Möglichkeiten und Grenzen der menschlichen Erbforschung. Verh. Deut. orthop. Ges. (1938) 1939, 33. Kongr., 196-8.—**McDougall, W.** An experiment for the testing of the hypothesis of Lamarck. Brit. J. Psychol., 1926-27, 17: Sect. Gen., 267-304. — Second report on a Lamarckian experiment. Ibid., 1929-30, 20: Sect. Gen., 201-18. — Une expérience lamarckienne à résultats positifs. J. psychol. norm. path., Par., 1937, 34: 413-24.—**Maresquell, H. I.** Ambitions et limites de la génétique mendélienne. Presse méd., 1935, 43: 1785-7.—**Mercier, L.** Hypothèse sur le mécanisme de la transmission héréditaire d'un caractère de lignée: la notion de facteur plasmato-chromosomique et l'hérédité mendélienne. Bull. biol. France, 1939, 73: 232-47.—**Metz, C. W.** Development of the egg from the standpoint of the geneticist. Sc. Month., 1931, 33: 117-34.—**Meyer, P.** Les croisements et l'hérédité des caractères (la loi de Mendel) Rev. gén. sc. pur., 1908, 19: 27-31.—**Muller, H. J.** Physics in the attack on the fundamental problems of genetics. Sc. Month., 1937, 44: 210-4.—**Myers, G. C.** Some whys of whisms: a genetic study. Pedagog. Semina, Worcester, 1924, 31: 78-83.—**Niles, H. A.** Correlation, causation and Wright's theory of path coefficients. Genetics, 1922, 7: 258-73.—**Nilsson, M. P.** Ueber Genetik und Geschichte. Hereditas, Lund, 1939, 25: 211-23.—**Novelist's (A)** interpretation of heredity. J. Organother., 1936, 20: 13.—**Olivier, H. R.** Les conceptions mendéliennes de l'hérédité. J. méd. fr., 1926, 15: 367-72.—**Ortmann, A. E.** The fallacy of the mutation theory. Science, 1906, n. ser., 23: 746-8. — The mutation theory again. Ibid., n. ser., 24: 214-7. — Facts and interpretations in the mutation theory. Ibid., 1907, n. ser., 25: 185-90. Also Sc. American, 1907, 63: Suppl., 26122.—**Paton, N.** A plea for a more physiological conception of genetics. Scientia, Bologna, 1931, 3. ser., 50: 89-94.—**Pierce, A. H.** Emotional expression and the doctrine of mutations. J. Philos., 1906, 3: 573-5.—**Plank, G. M. van der** [Certain data on the theory of heredity] Tsch. diergenesck., 1936, 63: 1104-11.—**Plate, L.** Lamarckismus und Erbstockhypothese. Zschr. induct. Abstamm., 1926, 43: 88-113 [Erweiterung von H. Nachtsheim] 114-6. — Einige Bedenken bezüglich Goldschmidt'scher Vererbungs-auffassungen. Arch. Rassenb., 1930, 24: 133-67.—**Rabaud, E.** Le monde vivant sans hérédité. Rev. philos. France, 1934, 117: 39-49.—**Reichel, H.** Biologische Grundlagen der Vererbung. Wien. med. Wschr., 1935, 85: 113-6.—**Reid, G. A.** [The interpretation of Mendelian phenomena] Nature, Lond., 1907-8, 76: 54.—**Reynolds, C. W.** Why like begets like. Kentucky M. J., 1934, 32: 495-7.—**Růžicka, V.** Une théorie causale de l'hérédité. Riv. biol., 1929, 11: 336-59.—**Schmalfuss, H.** Vererbung, Entwicklung und Chemie, nebst entwicklungs-chemischen Untersuchungen an Organismen. Naturwissenschaften, 1928, 16: 209-19.—**Simmel, H.** Ueber einige Grundbegriffe der menschlichen Erblichkeitslehre. Münch. med. Wschr., 1927, 74: 1309-12.—**Sofer, L.** Auf den Spuren der Mendelschen Gesetze. Polit. anthrop. Rev., Lpz., 1908, 7: 345-51.—**Sonneborn, T. M.** McDougall's lamarckian experiment. Am. Natur., 1931, 65: 541-55.—**Stern, C.** Der Kern als Vererbungsträger. Naturwissenschaften, 1930, 18: 1117-25.—**Triepel, H.** Paradoxien der Vererbungslehre. Biol. gen., Wien, 1931, 7: 531-42.—**Weldon, F. R.** On the ambiguity of Mendel's categories. Biometrika, Cambr., 1902-3, 2: 44-55.—**Wellisch, S.** Betrachtungen über erbbiologische Begriffe. Zschr. Rassenphysiol., 1931, 4: 91; 1932, 5: 91; 145; 1933, 6: 158.—**Wilczyński, J.** Ueber die allgemeine Gleichung der Mendel-Gesetze; zum Teil ein Beitrag zur Deutung des Dominanzwesens. Biol. gen., Wien, 1938-39, 14: 447-55.—**Wilson, E. B.** Protoplasmic systems and genetic continuity. Am. Natur., 1925, 59: 481-96.—**Wright, S.** The theory of path coefficients: a reply to Niles's criticism. Genetics, 1923, 8: 239-55.—**Ziegler, H. E.** Die Erklärung der mendelschen Regel. Zool. Anz., 1908, 33: 177-82.
- GENEVE, Switz. International Relief Union.** Message from Senator Ciralo. 11p. 8° Genève, 1934.
— Mobilization scheme. 7p. 8° Genève, 1934.
- GENEVE, Switz. Université.** L'Université de Genève. 49p. illust. 4° Genève, F. Lindner, 1933.
- GENEVE, Switz.**
GAUTIER, L. La médecine à Genève jusqu'à la fin du dix-huitième siècle. 696p. 8° Genève, 1906.
Naville, F. Aperçu sur l'histoire de la médecine à Genève. Rev. méd. Suisse rom., 1938, 58: 409-27.—**Olivier, J.** Les sociétés genevoises de médecine. Ibid., 1937, 57: 664-86, 3 portr.
- GENEVOIS, Pierre, 1909—** *La grippe bismuthique considérée comme une manifestation d'hypersensibilité médicamenteuse. 68p. 8° Lyon, Bosc frères, 1934.
- GENEVRAI, Jacques Edouard Marie, 1891—** *La faune de la tranchée. 48p. 25½cm. Bord., Y. Cadoret, 1917.
- GENEVRIER, Joseph.**
See **Méry, Henri, & Gényvri, J.** Hygiène scolaire. 808p. 8° Par., 1914.
- GENG, Fritz, 1900—** *Die Anwendung von Novargin in der inneren Medizin [Erlangen] 23p. 8° Hersbruck, K. Pfeiffer, 1927.
- GENERELLI, J[oseph] A[nthony] 1905—** Brain fields and the learning process. 115p. 8° Princeton, N. J., Psychol. Rev. Co., 1934.
Forms No. 4, v.45, Psychol. Monogr., Princeton.
- GENGNAGEL, Ernst [Heinrich] 1903—** *Beitrag zur Behandlung der Brustwarzenschunden. 17p. 8° Giessen, O. Kindt, 1929.
- GENHART, Alfred, 1857-1925.** *Ueber diphtheritische Lähmungen. 78p. tab. 8° Zür., J. Schabelitz, 1883.
For biography see Schweiz. med. Wschr., 1925, 55: 969 (W. O.)
- GENICULATE bodies.**
See **Brain, Diencephalon: Geniculate bodies.**
- GENICULATE ganglion.**
See under **Facial nerve.**
- GENIL-PERRIN, Georges, 1882—** Les paranoïaques. 2 p. l. 482p. 12° Par., N. Maloine, 1926.
— Maladies nerveuses et mentales. 272p. 8° Par., Larousse [1931]
- GENIN, Jean Baptiste, 1892—** *Du traitement sanglant des fractures fermées de jambe au tiers inférieur. 141p. 15 pl. 8° Par., Jouve & cie, 1926.
- GENIN, Jehanne (née Kuntz) 1889—** *Contribution à l'étude de l'atrophie alimentaire du nourrisson. 85p. 8° Par., Jouve & cie, 1925.
- GENIN, Roger, 1911—** *La sédimentation globulaire au cours de la tuberculose pulmonaire chronique dans la pratique sanatoriale et préventoriale. 67p. 8° Lyon, Bosc frères, 1936.
- GENINET, Maurice, 1904—** *Contribution à l'étude des substances cholérétiques de la série grasse. 61p. 8° Par., Jouve & cie, 1931.

GENIOHYOID muscle.

See under Hyoid.

GENISSET, Raymond, 1910— *Les troubles nerveux du proœcet. 69p. 8°. Lyon, Bosc frères, 1935.

GENISSIAZ, Camille de, 1881— *Contribution à l'étude des diverticules de la prostate. 94p. 8°. Lyon, Bosc frères, 1936.

GENISTA.

See also Leguminosae.

Griesbeck, H. Die Umwelt des Besenginsters. In Deut. Heilpflanze, Stollberg, 1935-36, 2: 70-2.—**Obiglio, J. R.** Una aplicación delictuosa de la carqueja. Rev. med., Rosario, 1934, 8: 19-22.—**Stirnadel, M.** Der Ginster als Heilpflanze. Hippokrates, Stuttgart, 1935, 6: 831-5.

GENITAL anxiety.

See also Anxiety hysteria; Anxiety neurosis; Castration complex; Coitophobia; Coitus, initial; Gynecophobia; Inferiority complex.

Horney, K. Die Angst vor der Frau. Internat. Zschr. Psychoanal., Wien, 1932, 18: 5-18.—**Keller, D. H.** Worries about sex anatomy. Sexology, 1934-35, 2: 78-81.—**Laforge, R.** De l'angoisse à l'orgasme. Rev. fr. psychanal., 1930-31, 4: 245-58.—**Laignel-Lavastine.** Dysthymies sexuelles ingénues. Bull. Acad. méd., Par., 1929, 3. ser., 101: 595-7.—**Rojas, N.** Fobia sexual femenina y matrimonio. Sem. méd., B. Air., 1939, 46: pt 2, 1001-8.—**Tomasino, A.** Contributo clinico alla così detta pazzia nuziale. Neopsichiatria, Pisa, 1939, 5: 520-4.—**Vallon, C., & Rogues de Fursac, J.** La timidité sexuelle. Arch. anthrop. erim., Par., 1914, 29: 186-95.

GENITAL crisis.

See also Estrogen, Estrogen: Effect on the immature and the newborn.

Bellei, A. La crisi genitale dei neonati. Lattante, 1935, 6: 331-56.—**Montuoro, F.** La crisi genitale dei neonati. Riv. ostet., 1935, 17: 435-8.—**Ortiz, A. L.** Non-menstrual genital hemorrhage of the newborn. Month. Bull. Bur. Health, Manila, 1940, 20: 9-13.—**Pan, L. D.** L'hémorragie génitale des nouveaux-nés du sexe féminin. Schweiz. med. Wschr., 1934, 64: 949.—**Poccia, D.** Emorragia vaginale in neonata. Pensiero med., 1926, 15: 548.

GENITAL hair.

See also Axilla; Beard; Hair; Hypogastrium; Phthiriasis.

Danforth, C. H. Pubic hair. In his Hair, Chic., 1925, 72.—**Kossakov, K.** [The so-called female type of pubic hair] Antrop. J., Moskva, 1932, 138-62, pl.—**Nicolas, J., & Massia, G.** Pédiculose pubienne par poux de tête. Ann. derm. syph., Par., 1916-17, 5. ser., 6: 40-2.—**Rehrer, E.** Die Behaarung der Vulva. In Handb. Gyn. (Stoeckel, W.) 1929, 5: 60-73.—**Risak, E.** Ueber die verschiedenen Arten der männlichen Genitalbehaarung. Zschr. ges. Anat., 2. Abt., 1929-30, 15: 164-76.—**Rodcourt, M.** Beobachtungen über Nabel und Körperbehaarung beim Weibe. Ibid., 1933-34, 18: 373-9.—**Scheuer, O. F.** Die Sexualbehaarung. Monogr. Frauenk., 1933, No. 17, 30-87. — Die Schamhaare. Ibid., 61-87. — Die Sitte der Depilation der Schamhaare. Ibid., 80-5.

GENITAL plexus.

See Pudendal plexus.

GENITALS.

See also Genitals, female; Genitals, male;

Genito-urinary system; Perineum; Sex.

Bernard, B., & Allen, T. Sexual anatomy and physiology. 229p. 12°. Chic., 1926.

Dickinson, R. L. Human sex anatomy. 145p. 4°. Balt., 1933

Robertson, J. On the generative system: being an anatomical and physiological sketch of the parts of generation [etc.] 3. ed. 560p. 8°. Lond., 1816.

SCIENCE OF GENERATION; the anatomy, physiology and hygiene of the generative organs of the human species of both sexes. 292p. 8°. Lond., Canada, 1897.

Guggisberg, H. Lebensbedingung und Fortpflanzungsorgane. Schweiz. med. Wschr., 1928, 58: 25-8.—**Hartmann, H.** Zur Anatomie der Geschlechtsorgane Neugeborener. Arch.

Gyn., Berl., 1932, 148: 708-23.—**Ichinomiya, K.** Ueber die Einflüsse des gallensauren Natriums auf das Wachstum der Geschlechtsorgane. Tr. Jap. Path. Soc., 1929, 19: 111.—**Porzio, M.** Glandole sessuali; mammella; placenta; prostata. Monit. endocr., 1934, 2: 76-8.—**Touraine, Lortat-Jacob, E., & Ribadeau-Dumas, C.** Acidité des muqueuses génitales. Bull. Soc. fr. derm. syph., 1933, 40: 541-4.—**Wiesner, B. P.** The post-natal development of the genital organs in the albino rat; with a discussion of a new theory of sexual differentiation. J. Obst. Gyn. Brit. Empire, 1934, 41: 867, 1935, 42: 8; 4 pl.—**Zuckerman, S.** Morphological and functional homologies of the male and female reproductive systems. Brit. M. J., 1936, 2: 864.

Abnornnity.

See also proper names of abnormities as Aenosomus; Hermaphroditism, &c.

CHOISY, R. *Sur l'absence des organes génitaux externes et la péritonite fœtale [Genève] 48p. 8°. Par., 1926.

YOUNG, H. H. Genital abnormalities, hermaphroditism and related adrenal diseases. 649p. 8°. Balt., 1937.

Aievoli, E. Anomalie di formazione dei genitali esterni. Morgagni, 1930, 72: 1187-91.—**Anglas, M. J.** Anomalies de l'appareil reproducteur chez Rana temporaria. C. rend. Soc. biol., 1931, 106: 32-4.—**Bonnet, A.** Anomalie de l'appareil génital de l'Helix pomatia. Bull. Soc. zool. France, 1920, 45: 299.—**Daniakhii, M. A.** [Study of genital anomalies in man] Akush. gzn., 1938, No. 4, 104-9.—**Demeter, H.** Missbildungen am Genitaltraktus vom Schwein und Rind. Münch. tierärztl. Wschr., 1926, 77: 514.—**Drennan, M. R.** Case of malformation of the external genitalia. J. M. Ass. S. Africa, 1931, 5: 744.—**Fincher, M. G., & Williams, W. L.** The teratology of the bovine reproductive system. Cornell Vet., 1937, 27: 264-89.—**Isnardi.** Un cas de malformation ano-recto-génitale. Loire méd., 1928, 42: 119-29.—**Jannoni Sebastianini, G.** Sopra un caso di aplasia genitale. Zschia, 1926, 5: 15-28.—**Keller, K.** Beachtenswerte Genitalmissbildungen bei Drillingen des Rindes; Beitrag zur Frage der Geschlechtsstransformation beim Säugetier. Deut. tierärztl. Wschr., 1939, 47: 613-8.—**Krauss, F. S., & Reiskel, K.** Geschlechtliche Verbildungen. Anthropophytea, Lpz., 1905, 2: 440; 5 pl.—**Maclean, B. L.** Abnormal reproductive organs in a specimen of Rana pipiens. Anat. Rec., 1929, 42: 53-9, 2 pl.—**Menezes, M.** Torsão dos órgãos genitais externos. Med. contemp., Lish., 1927, 45: 345.—**Ombredanne, L.** Las anomalías de la evolución de los repliegues genitales. Ars medica, Barcel., 1934, 10: 26-30. — Quelques malades vus à la consultation du lundi. Rev. gén. clin. théor., 1935, 49: 131-4.—**Perkins, O. C.** Hereditary agentialism. Am. J. Surg., 1933, 21: 104-10. Also repr.—**Quadrás-Bordas, M. L.** Contribución al estudio de las anomalías genitales. Med. hera, 1935, 29: 249-54.—**Sanson.** Sur un nouveau cas de malformation des organes génitaux chez une vache jumelle de taureau. Bull. Soc. centr. méd. vét., 1881, 35: 103-5.—**Schaanning, G.** [Malformation of the genitals in children] Norsk mag. lægevid., 1926, 87: 353-71.—**Scherbak, A. L.** Zum Problem der Erbliehkeitsprognose im Einzelfalle: über eine Genitalmissbildung in vier Generationen einer Familie. Wien. klin. Wschr., 1934, 47: 432-4.—**Werner, B.** Ueber Doppelbildungen der sekundären Geschlechtsmerkmale und der Ausführungsgänge der Gonaden bei Psammecinus miliaris (Gmelin) Zool. Anz., 1937, 117: 249-55.—**Zimmermann, A.** Zwei seltene Entwicklungsanomalien im Genitalapparat. Arch. wiss. prakt. Tierh., 1935, 69: 393-6.

Cancer, and precancerous affection.

BOUZON, R. *Essais de traitement des cancers des organes génitaux externes par la méthode du Docteur Coste. 90p. 8°. Lyon, 1934.

DAFTARI, F. *Les adénopathies lombos-aortiques du cancer des glandes génitales; manifestations cliniques; signes radiologiques. 94p. 8°. Par., 1936.

Barringer, B. S. Malignant growths of the external genitalia. Am. J. Surg., 1930, n. ser., 8: 132.—**Carranza, F. F.** El historial eléctrico en el tratamiento del cáncer genital; resultados obtenidos en el Instituto de Medicina Experimental. Bol. Inst. med. exp. cáncer, B. Air., 1930, 7: 1358-63.—**Guibal, P.** Deux cas de métastase cancéreuse rapide et massive dans l'appareil génital érectile d'un homme et d'une femme après curiethérapie. Bull. Soc. nat. chir., Par., 1929, 55: 665-72.—**Heuck, H.** Statistik der Genital-Krehsse. Mischr. Krebsbekämpf., 1935, 3: 136-44.—**Heyman, J.** Erfahrungen mit radiologischer Behandlung bei Genitalkarzinomen. Deut. med. Wschr., 1932, 58: 367.—**Katayama, Y.** Praecancerosen der Genitalgegend; die Beziehung zwischen den verschiedenen praecancerösen Krankheiten. Acta derm. Kyoto, 1933, 21: 185.—**Leibovici, R., & Hepp, J.** Manifestations cliniques et signes radiologiques des adénopathies lombos-aortiques du cancer des glandes génitales. Presse méd., 1937, 45: 635-8.—**Luniatsek, V.** Die Metastasierung der bösartigen Geschwülste der äusseren Genitalien. Zbl. Haut Geschlkr., 1938-39, 61: 513-40.—**Mikulicz-Radecki, F. von.** Der kon-

zentrische Angriff auf das Genitalkarzinom mit Operation und Aktinotherapie. *Strahlentherapie*, 1929, 32: 39-50.—**Pozzo**, A. Morbo dei Bowen dei genitali e glicosuria. *Gior. ital. derm. sif.*, 1934, 75: suppl., 220-2.—**Schnitzer**, von. Maligne Erkrankungen der Genitalorgane. *Fortsch. Med.*, 1930, 48: 479.—**Seisser**. Ergebnisse und Möglichkeiten bei der Behandlung des Genitalkarzinoms. *Münch. med. Wschr.*, 1928, 75: 242.—**Tománek**, F. Anomalien der äusseren Genitalien als prädisponierender Faktor für die Entwicklung bösartiger Geschwülste. *Commun. Internat. Congr. Sc. Campaign Cancer* (1936) 1937, 2. Congr., 209-14.—**Vos**, J. J. T. [Transmissible sarcoma of the sexual organs in dogs in the Dutch East Indies] *Geneesk. tschr. Ned. Indie*, 1935, 75: 263-8, 2 pl.

— Deformity, and mutilation.

See also **Castration**; **Circumcision**; **Epispadias**; **Infibulation**, &c.

BERNHARD, P. E. J. *Les mutilations sexuelles d'ordre religieux et politique [Strasbourg] 48p. 8°. Sélestat, 1935.

Christin, L. J. Ein Fall einer Selbstverletzung des Geschlechtsorgans, geheilt durch die Methode freier Assoziationen. *Derm. Wschr.*, 1936, 102: 628-31.—**Fehlinger**, H. Verunstaltungen der Geschlechtsorgane. *Monogr. Frauenk.*, 1921, No. 1, 73-84.—**Kankeleit**. Ueber Selbstbeschädigungen und Selbstverstümmelungen der Geschlechtsorgane. *Verh. Internat. Congr. Sexforsch.*, 1927, 1. Congr., 2: 117-27.—**Mutilations** génitales pratiquées dans certaines tribus des Indes néerlandaises. *Ann. méd. pharm. col.*, Par., 1934, 32: 91-3.

— Disease.

See also under proper names of diseases as **Chancroid**; **Erythroplasia**; **Venereal diseases**, &c.

MÜLLER, A. Die Massage der inneren Geschlechtsorgane beim Manne und Weibe. 2. Aufl. 123p. 8°. Bonn, 1926.

PLANER, R. Leitfaden der homöopathischen Therapie der Geschlechtskrankheiten und Krankheiten der Geschlechtsorgane. 135 [1]p. 8°. Lpz., 1930.

Achitouv, E. Pigmentation génitale chez des endocrinienues. *Bull. Soc. fr. derm. syph.*, 1937, 44: 128-34.—**Benthin**, W. Diagnose und Therapie inkretorischer Genitalstörungen. *Med. Klin.*, Berl., 1935, 31: 233; 266; 305.—**Berde**, K. von. Kasuistische Beiträge zur Kenntnis der nichtvenereischen Genitalerkrankungen. *Derm. Wschr.*, 1930, 90: 370-8.—**Brandweiner**, A. Ueber die Behandlung der Ekzeme der Mamilla, der Anal- und Genitalregion. *Wien. klin. Wschr.*, 1927, 40: 1035.—**Carlson**, H. E. Destructive lesions of the genitalia. *J. Missouri M. Ass.*, 1937, 34: 147-9.—**Clairmont**, P. Der Verschluss innerer Lippenfisteln durch Interposition gestielter Fetttappen. *Arch. klin. Chir.*, 1926, 139: 359-65.—**Cottini**, G. B. Quadri non comuni di forme non veneree dei genitali. *Arch. ital. derm.*, 1936, 12: 175-208.—**Deming**, C. L. Prevention of diseases of the genital tract. In *Pract. Libr. M. & S.* (Appleton) N. Y., 1937, 12: 845-58.—**Desaux**, A. Diagnostic des affections cutanées et muqueuses de la région génitale. *Bruxelles méd.*, 1931-32, 12: 797-806. Also *Dia méd.*, B. Air., 1933-34, 6: 313.—**Driscoll**, T. L. Correlation of lesions of the genitalia. *Virginia M. Month.*, 1926-27, 53: 704-9.—**Dyrcff**, R. Röntgendiagnostik der Sexualorgane. *Jahrb. Röntg.*, 1930, 1: 109; 1931, 2: 147.—**Feleky**, H. [Conservative treatment of some diseases of genital organs] *Gyógyászat*, 1927, 67: 1147-52.—**Fraenkel**, L. Die klinische Pathologie der Geschwülste der endokrinen Drüsen in Beziehung zum Genitalsystem. In *Handb. inn. Sekret.* (Hirsch) Lpz., 19 8, 3: 1. Hälfte, 558-89.—**Greenblatt**, R. B., & **Wright**, J. C. The significance of fusosporilliosis in genital lesions; a cod liver oil glycerin neoparsenamine method of treatment. *Am. J. Syph.*, 1936, 20: 654-9.—**Grievcaud**, E. Pyodermites génitales chancriforines. *Bull. Soc. fr. derm. syph.*, 1936, 43: 825-8.—**Hu**, C. H. The histopathology of amebic infection of the genital and anal regions. In *Festschr. B. Nocht*, Hamb., 1937, 221-4.—**Jones**, J. B. Clinical manifestations of pathological conditions of the genital organs of small animals. *J. Am. Vet. M. Ass.*, 1931, 78: 817-29.—**Knapper**, C. Ueber das Chylangiom und die Chylusfisteln der unteren Gliedmassen und der äusseren Geschlechtsorgane. *Arch. klin. Chir.*, 1928, 150: 202-17.—**Küstner**, H. Genitalerkrankungen nach akuten infektiösen Erkrankungen der Rachenorgane. *Deut. med. Wschr.*, 1928, 54: 1158-60.—**Lewis**, B. A. Prostatic and vaginal medicine. U. S. Patent Off., 1938, No. 2,120,367.—**McCune**, D. P. Differential diagnosis of genital lesions. *Pennsylvania M. J.*, 1934, 38: 79-82.—**Montagné**, M. Répartition du tissu conjonctif dans les organes génitaux (conséquences de la topographie de son atteinte) *Ann. anat. path.*, Par., 1935, 12: 263-78.—**Piscane**, C. Considerazioni sopra alcuni casi di forme non veneree dei genitali. *Gior. ital. derm. sif.*, 1937, 78: suppl., 73.—**Salomon**, R. Ueber eine neue Thermotherapie bei Genitalerkrankungen. *Münch. med. Wschr.*, 1927, 74: 613.—**Schneider**, G. H. Ueber unerwünschte Wirkungen in der Röntgentherapie gutartiger Genitalerkrankungen. *Strahlentherapie*, 1926, 22: 289-300.—

Semon, H. C. The non-venereal affections of the genitalia. *Brit. J. Vener. Dis.*, 1929, 5: 114-27 [Discussion] 128-37.—**Shpoliansky**, G. M. [Paragenital diseases] *Sovet. vrach. gaz.*, 1932, 36: 1109-13.—**Siredey**, A. Troubles de l'appareil génital en rapport avec des désordres de la nutrition et du système nerveux. *Nutrition*, Par., 1933, 3: 347-62.—**Templeton**, H. J. The diagnosis of genital lesions. *California West. M.*, 1927, 26: 482-4.—**Thorel**, L. Dermatologie topographique des organes génitaux de l'homme. In *Nouv. prat. derm.* (Darier, Sabouraud, et al.) Par., 1936, 8: 209-36.—**Von Haam**, E. The diagnosis of pudendal lesions. *Am. J. M. Techn.*, 1938, 4: 127-31.—**Venereal fuso-spirochetosis**. *Am. J. Trop. M.*, 1938, 18: 595-608.—**Williams**, W. L. Genital diseases of horses. *Cornell Vet.*, 1926, 16: 107-18, 4 pl.—**Zorraquin**, G. Patología refleja y social, anal y ano-sexual y sensual anal y contribución de los perturbadores sociales a esta patología. *Rev. méd. cubana*, 1932, 43: 521-54.

— Dystrophy, hypoplasia, and infantilism.

See also **Dwarfism**, **Infantilism**; **Dystrophy** [adiposogenital] **Pituitary**, Disease.

Bini, G. Sopra un caso di distrofia genitale da sclerosi totale dell'ipofisi non accompagnata da adiposità né da cachessia. *Endocr. pat. cost.*, Bologna, 1936-37, 12: 264-79.—**Ehrhardt**, K. Genitalatrophie und Vorderlappenhormon. *Münch. med. Wschr.*, 1929, 76: 1246-8.—**Mayer-Homburg**, L. Zwei Fälle von Magen-Darmerkrankung bei Genitalinsuffizienz (Beitrag zur Kenntnis der konstitutionellen Störungen des neuroendokrinen Systems) *Med. Klin.*, Berl., 1927, 23: 1185.—**Pende**, N. Un traitement nouveau des arrêts de développement sexuel chez les adolescents. *Bull. Soc. méd. Paris*, 1938, 609-16.—**Radossavlyévich**, A., & **Kostich**, A. Le dysgénitisme d'origine splénique; étude clinique, critique et expérimentale de la corrélation entre la rate et la glande génitale. *Rev. fr. endocr.*, 1929, 7: 23-36.—**Sereisky**, M. Y. [Psychology of children with constitutional hypogonitalism] *Vopr. pedol.*, 1928, 10-21.—**Walker**, A. J. Genital dysplasia. *Proc. R. Soc. M.*, Lond., 1939-40, 33: Sect. Stud. Dis. Child., 626.

— Edema, and elephantiasis.

See also **Filariasis**; **Lymphogranulomatosis inguinalis**; and other primary diseases.

Aykroyd, O. E., & **Zuckerman**, S. Factors in sexual-skin oedema. *J. Physiol.*, Lond., 1938, 94: 13-25, pl.—**Brdlis**, J., & **Svejar**, J. [Chronic genital edema in the new-born] *Cas. lék. česk.*, 1929, 18: 1717-21.—**Cloître**, J. Considérations sur l'éléphantiasis des organes génitaux externes et des membres de la région du sud et du sud-est de Madagascar. *Bull. Soc. path. exot.*, Par., 1928, 21: 722-6.—**Gregario**, E. de. La alergia en los estados elefantiasicos y ulcerosos de los genitales y en las estenosis inflamatorias del recto. *Rev. argent. derm. sif.*, 1932, 16: 304-18.—**Kollmann**, A. Beitrag zur Kenntnis des chronisch-idiopathischen Genitalödems (Freidjung) *Arch. Kinderh.*, 1930, 91: 186-93.—**Kröber**, F. Ueber ein eigenartiges Krankheitsbild bei afrikanischen Eingeborenen am Westufer des Viktoria-Sees. *Arch. Schiffs Tropenhyg.*, 1939, 43: 160-7.—**Moore**, T. D. Genital elephantiasis (non-tropical) *Urol. Cut. Rev.*, 1937, 41: 471-4. Also repr.—**Muccini**, G. Su di un caso di elefantiasi dei genitali e degli arti inferiori secondaria ad infortunio del lavoro. *Policlinico*, 1925, 32: sez. prat., 1117-9.—**Sapozhnikov**, V. I. [Elephantiasis of the external genital organs and operative treatment] *Sovet. kbir.*, 1933, 4: 376-81.—**Sézary**, A., **Horowitz**, A., & **Tanret**, P. L'élephantiasis streptococcique génital; remarquable action du sérum antistreptococcique de Vincent. *Bull. Soc. fr. derm. syph.*, 1936, 43: 404-6.—**Tafari**, G. Contributo all'etiopatogenesi dell'elefantiasi dei genitali. *Gazz. internaz. med. chir.*, 1928, 33: 125; 145; pl.—**Watson**, E. M. The surgery of genital elephantiasis (non-tropical) *J. Urol.*, Balt., 1936, 36: 786-800.

— Embryology.

ABEL, K. Die entwicklungsgeschichtlichen und anatomischen Grundlagen. 60p. 8°. Berl., 1931.

Gerhardt, U. Zur Entwicklung der äusseren Genitalien des Kaninchens; Vorwort. *Zschr. ges. Anat.*, 1. Abt., 1927, 84: 271-413.—**Henneberg**, B. Beitrag zur ontogenetischen Entwicklung des Scrotums und der Labia maiora. *Ibid.*, 1926, 81: 198-219, pl.—**McCurdy**, H. M. Development of the sex organs in *Triturus torosus*. *Am. J. Anat.*, 1931, 47: 367-403.—**Marcus**, H. Zur Phylogenie der Geschlechtsausführungsgänge. *Anat. Anz.*, 1930-31, 71: 259-61.—**Silva Santos**, L. A. Desenvolvimento do aparelho genital e traços característicos dos sexos. *Fol. med.*, Rio. 1922, 3: 26-31.—**Weishaupt**, E. Die Ontogenie der Genitalorgane von *Girardinus reticulatus*. *Zschr. wiss. Zool.*, 1925, 126: 571-611, 3 pl.—**Wilson**, K. M. Correlation of external genitalia and sex-glands in the human embryo. *Contr. Embryol. Carnegie Inst.*, 1926, 18: No. 91, 23-30, 2 pl.

— Endocrine relations.

See also names of hormones and endocrine glands.

Baum, R., & Cunningham, B. A study of the relationships between primary and secondary sex organs of the rat. *Endocrinologie*, 1938-39, 21: 345-54.—**Engelbach, W.** Endocrine factors related to genital development. *Am. J. Surg.*, 1933, 19: 72-5.—**Leschke.** Hypophyse, Zwischenhirn und Genitale. *Arch. Frauenk.*, 1921, 7: 76.—**Martins, T., Valle, J. R., & Porto, A.** Estudo morfológico e funcional de enxertos de órgãos genitais acessórios de ratos e cobaios em diferentes condições hormonais. *Rev. biol. S. Paulo*, 1939-40, 10: 156-63.—**Peritz.** Hypophysis und Genitale. *Arch. Frauenk.*, 1921, 7: 75.—**Wiesner, B. P.** The hormones, and their control of the reproductive system. *Eugen. Rev.*, Lond., 1930-31, 22: 19-26.

Gangrene.

Balog, P. Beitrag zur Frage der infektiösen Genitalgangrän (Bacillus gangraenae cutis [Milián]). *Arch. Schiffs Tropenhyg.*, 1931, 35: 540-8.—**Bejarano, J., & Hombria, M.** Contribución al estudio clínico y bacteriológico de los procesos gangrenosos genitales. *Arch. med.*, Madr., 1928, 28: 279-83.—**Bernabeo, V.** Su di un caso di gangrena fulminante dei genitali. *Riforma med.*, 1932, 48: 1057-61.—**Bertaccini, G.** Gangrena dei genitali guarita con due iniezioni di Prontosil. *Gior. ital. derm. sif.*, 1937, 78: No. 2, Suppl., 137.—**Cimoca, V.** [Gangrene of the genital organs] *Cluj. med.*, 1932, 13: 99-102.—**Heller, A. M., & Tgirov.** [Gangrene of the external sexual organs and its treatment] *Vest. khir.*, 1936, 46: 219-22.—**Huber, H. G.** Ein Beitrag zur Genitalgangrän bei Erysipel im frühen Kindesalter. *Kinderärztl. Prax.*, 1937, 8: 5-11.—**Jersild, O.** [Gangrene of the genitals treated with neosalvarsan. Ugeskr. læger, 1925, 87: 884-9.—**Kedrov, S.** [Spontaneous gangrena genitalium cured with neosalvarsan and camphor dusting powder] *Vrach. gaz.*, 1927, 31: 1175-80.—**Lanzani, V.** Sulle gangrene fulminanti dei genitali esterni. *Dermosifilograf.*, 1932, 7: 644-67.—**Lapa, A., & Carrasco, C.** Tres casos de gangrena genitac tratados pelo neosalvarsan. *Med. contemp.*, Lisb., 1926, 44: 169-73.—**Milián, G.** Gangrene foudroyante des organes génitaux. *Bull. Soc. fr. derm. syph.*, 1929, 36: 419-22.—**Peruccio, L.** Su alcuni casi di gangrena fulminante dei genitali. *Gior. ital. derm. sif.*, 1937, 78: Suppl., 22-6.—**Scherber, G.** Akute Gangrän der äusseren Geschlechtsorgane. In *Haut Geschlkr.* (Arzt & Zieler) Berl., 1935, 5: 685-90.—**Sézary, A., Combe, E., & Conte, M.** Remarques sur la bactériologie de la gangrène aiguë des organes génitaux. *Bull. Soc. fr. derm. syph.*, 1930, 37: 1143-7.—**Tomé Bona, J. M.** Algunos conceptos sobre los procesos gangrenosos genitales. *Siglo méd.*, 1935, 96: 690-2.

Hypertrophy.

See also Puberty, precocious; also other causes as Autoerotism, &c.

Chilli, A. Su un caso di ipergeneralismo. *Fol. med.*, Nap. 1930, 16: 909-32.—**MacCormac, H.** Genital hypertrophy. *Brit. J. Derm. Syph.*, 1935, 47: 241.—**Parkhomenko, A. A.** [Hypergenitalism] *Sovet. psikhonevr.*, 1937, 13: 73-6.

Infection [and inflammation]

See also under names of specific infections as Gonorrhea; Syphilis.

Baker, T. Nonvenereal (metastatic) genital infection. *J. Am. M. Ass.*, 1927, 88: 2025-8.—**Berde, K. von.** Weitere Beiträge zur Kenntnis der nichtvenereischen Genitalerkrankungen (Lymphangitis sulci coronarii non venerea; Pseudosyphilis papulosa, Lipschütz; Vulvovaginitis et balanoposthitis oidomyetia als konjugale Infektion) *Derm. Wschr.*, 1937, 105: 1532; 1554.—**Cosăcescu, A.** [Conservative surgical treatment in cases of inflammatory diseases of the genital organs] *România med.*, 1928, 6: 37-9.—**Coutts, W. E., Barthet, O. D., & Herrera, J. M.** The pathological significance of certain naso-bucco-pharyngeal organisms in the genital tract of males and females. *Urol. Cut. Rev.*, 1937, 41: 434-6.—**Derrick, G. W.** Control of genital diseases from a practitioner's point of view. *Cornell Vet.*, 1929, 19: 351-6.—**Ezickson, W. J.** Non-venereal infections and inflammations of the genital tract. *Med. Rev. of Rev.*, 1926, 32: 252-4.—**Fritsch, H.** Die Anwendung der Entzündungsbestrahlung bei den akuten und subakuten Entzündungen des weiblichen und männlichen Genitales. *Med. Klin.*, Berl., 1931, 27: 1540-3.—**Halter, G.** Operative Behandlung entzündlicher und septischer Genitalerkrankungen. *Wien. klin. Wschr.*, 1936, 49: 690.—**Hofmann, E.** Ueber einige Fälle unspezifischer Genitalerkrankungen unter dem Bilde sekundär luetischer Papeln. *Derm. Zschr.*, 1931, 61: 10-8.—**Nelson, N. A.** The provision of treatment for gonitoinfectious disease in the indigent. *Tr. Am. Neisser. M. Soc.*, 1938, 4: 55-63.—**Risolia, A. J.** Tratamiento de las infecciones genitales por el autotiflojavacuina. *Bol. Inst. clín. quir.*, B. Air., 1930-31, 6: 91-101.—**Schefftzow, L.** Die rectale Moorbildung der entzündlichen Erkrankungen. *Zschr. ges. phys. Ther.*, 1932, 42: 51-6.—**Séguin, P., & Guérin, M.** L'infection profonde des végétations génitales par les spirochètes: une hypothèse sur le rôle de ces organismes. *C. rend. Soc. biol.*, 1926, 95: 69-72.—**Sibbar, S. J., & Enzer, N.** Nonvenereal suppurative lesions of the external genitalia. *Wisconsin M. J.*, 1939, 38: 459-64.—**Verdier, C. E.** Hydrochloric acid therapy in genito-infectious disease. *Bull. Off. Pract.*, 1936-37, 10: 202.

Injury.

See also subheading Deformity.

Pierce, G. W., & O'Connor, G. B. Problems of extensive traumatic injuries of the genitalia. *Urol. Cut. Rev.*, 1938, 42: 489-91.—**Senger, F. L., & Johnson, S.** Injuries to the external genitalia. *Ibid.*, 1937, 41: 479; 596.

Innervation.

See also Pudendal plexus.

Becker, J. Ueber periphere Nervenendigungen in den äusseren Genitalien von Neugeborenen. *Zschr. Kinderh.*, 1933, 55: 264-8.—**Cahane, M., & Cahane, T.** Considérations sur un centre nerveux infundibulaire régulateur de la fonction génitale. *J. neur. psychiat.*, Brux., 1934, 34: 326-32.—**Capurro, G. M. S.** Ricerche sulla struttura dei corpi genitali di Lepus timidus. *Monit. zool. ital.*, 1938, 49: 177-85.—**Josephowitsch, A. B.** Zur Frage der nervösen Verbindungen des Geschlechtsapparates. *Zschr. ges. Neur. Psychiat.*, 1931, 137: 798-807.—**Lambertini, G.** Documentazioni microfotografiche, dati micrometrici e considerazioni sul corpuscoli del senso genitale dell'uomo. *Monit. zool. ital.*, 1934, 45: 247-55, pl.—**Ruffini, G.** Studio sullo sviluppo dei corpuscoli di Ruffini e osservazioni intorno alle fibre nervose pecilomorfiche. *Ibid.*, 255-65, 2 pl.—**Mitchell, G. A. G.** The innervation of the ovary, uterine tube, testis and epididymis. *J. Anat.*, Lond., 1937-38, 72: 508-17.—**Morandi, G.** Particolarità strutturali e dati micrometrici dei Pacini nei genitali umani. *Boll. Soc. ital. biol. sper.*, 1936, 11: 305-7, pl.—Aspetti dei corpuscoli genitali umani e delle clavi di Krause accordantis con la dottrina del Ruffini sul circuito chiuso. *Ibid.*, 307-9, pl.—**Ottolenghi, M.** Contributo alla conoscenza delle terminazioni nervose degli organi genitali esterni nei bovini. *Arch. ital. anat.*, 1934, 32: 505-19.—**Pasqualino, A.** Aspetti morfologici e dati micrometrici dei corpuscoli genitali a forma intermedia nel cavallo. *Boll. Soc. ital. biol. sper.*, 1936, 11: 302-4, pl.—Ricerche sulle espansioni nervose periferiche nei genitali. *Monit. zool. ital.*, 1937, 47: Suppl., 91-3. Also *Verh. Anat. Ges.*, 1937, 44: 50.—**Rokhlin, M. L.** [Rôle of ions and hormones in excitation of nerve endings of the sexual organs] *J. eksp. biol.*, Moskva, 1929, 13: 108-20.—**Tello, G. F.** Contribution à la connaissance des terminaisons sensitives dans les organes génitaux externes et de leur développement. *Arch. internat. neur.*, Par., 1935, 27, ser., pt. 2, 521-30.—**Wharton, L. R.** Studies on the innervation of the reproductive organs of *Macacus rhesus*. *Anat. Rec.*, 1937-38, 68: 43-61.

Mycosis.

Castellani, A. Urethromycoses of the male and vulvovagino-mycoses. *Tr. Am. Gyn. Soc.* (1929) 1930, 45: 232-5. Also *J. Trop. M. Hyg.*, Lond., 1929, 32: 357.—**Horalek, F.** [Actinomyces of the genitals] *Cas. lék. česk.*, 1925, 64: 1411-4.—**Jungherr, E.** Mycotic affections of the bovine reproductive system. *J. Am. Vet. M. Ass.*, 1935, 86: 64-75.—**Marquardt, C. R.** Blastomycosis of the genital tract. *Urol. Cut. Rev.*, 1938, 42: 818.—**Szathmáry, Z.** [Actinomyces of genitals and intestines cured by gold preparations and vaccine] *Orv. hetil.*, 1937, 81: 594-6.

Neurosis.

See also Neurasthenia; Neurosis; Psycho-neurosis.

Kötter, E. [W.] *Die Neuralgia pudendo-analis [Münster] 29p. 8° Bottrop, 1931.

MASSELIN, C. *Les névralgies ano-rectales secondaires aux affections génitales. 97p. 8° Par., 1930.

Baconnet, A. Le traitement des sympathalgies génitales par les injections intradermiques de chlorhydrate d'histidine. *Hôpital*, 1935, 24: 51.—**Brill, A. A.** Sexual manifestations in neurotic and psychotic symptoms. *Psychiat. Q.*, 1940, 14: 9-16.—**Chavany, J. A., Welti, H., & Chaignot, A.** La névralgie du nerf honteux interne. *Presse méd.*, 1933, 41: 1498-501.—**Cooper, A. L.** Sexual neuroses as problems in general practice. *Nebraska M. J.*, 1934, 19: 176-8.—**Heim, K.** Zur Behandlung genitaler Funktionsstörungen mit Hormonpräparaten. *Med. Welt*, 1935, 9: 227-9.—**Janson, P.** Medikamentöse Behandlung von Sexualneurosen. *Ibid.*, 758.—**Krishtal, E. D.** [Diathermy of the pituitary body in treatment of sexual hypofunction] *Ukrain. med. vist.*, 1930, 6: 42-5.—**Kronfeld, A.** Die Lehre der genitalen Neurosen in ihrer Entwicklung seit P. Fürbringer. *Deut. med. Wschr.*, 1931, 57: 567-71. Also *Siglo méd.*, 1932, 89: 85-9.—**Lissmann.** Neuro-sexologische Beobachtungen in der Front. *Münch. med. Wschr.*, 1918, 65: 295.—**Meagher, J.** Les névroses de la vie conjugale. *Rev. méd.*, Louvain, 1923, 229-40.—**Moore, A. H.** Sexual neuroses in general practice. *Am. Med.*, 1935, 41: 367-71.—**Pick, F.** Ueber Sexualstörungen im Kriege. *Münch. med. Wschr.*, 1917, 64: 1180.—**Podolsky, E.** Psychoanalysis and the sexual neuroses. *Ind. M. Rec.*, 1934, 54: 264-7.—**Rees, J. R.** Prognosis in the sexual neuroses. *Lancet*, Lond., 1935, 1: 948.—**Reynell, W. R.** Sexual neurosis. *Proc. R. Soc. M.*, Lond., 1931, 24: 827-36. Also *Clin. J.*, Lond., 1932, 61: 61-8.—**Rugenberg, W.** Zur Behandlung von Störungen der Sexualsphäre; erfolgreiche Hovaletten-Anwendung. *Fortsch. Ther.*, 1935, 11:

351-6.—**Shaw, F. H.** Sexual neurosis. *Texas J. M.*, 1930-31, 26: 513-7.—**Zippert, L.** Zur Therapie der Neurosen des Sexualtrakts. *Deut. med. Wschr.*, 1928, 54: 188.

— Physiology.

See also Climacteric; Coitus; Reproduction; Sex life.

Bratiano, S., & Guerriero, C. Recherche du pouvoir de colloïdopexie (ultraphagocytose) et de phagocytose du méso-épithélium de la trompe utérine, des voies excrétoires du testicule et des cellules de Sertoli. *C. rend. Soc. biol.*, 1930, 104: 91-5.—**Dobszay, L., & Hollósi, K.** [Biology of the genitals in newborn.] *Orv. hetil.*, 1935, 79: 36-8.—**Frei, W., & Emmerson, M. A.** Wirkungen des Sexualapparates auf Blut und vegetatives Nervensystem. *Berl. tierärztl. Wschr.*, 1931, 47: 161-4.—**Gartner, P.** Sexual physiology. In *Love & marriage* (S. Forbát) N. Y., 1938, 161-82.—**Lange, K. H.** Ueber Anpassungsvorgänge am Uterus, Ductus deferens und Uterushorn der weissen Ratte. *Verh. Anat. Ges.* (1938) 1939, 46: 379-85.—**Orlovski, P.** The function of the sexual organs. In *Love & marriage* (S. Forbát) N. Y., 1938, 149-60.—**Van Dyke, H. B.** Biochemical changes in the reproductive organs in relation to their physiology. *Erg. Physiol.*, 1936, 38: 836-54.

— Surgery.

Gaarenstroom, J. H., & Freud, J. Extirpation of secondary genital organs of rats. *Acta brev. neerl.*, 1938, 8: 96-8.—**Milanovich, A.** [Genitoplasty] *Voj. san. glasnik*, 1935, 6: 437-45.—**Möller-Sørensen, A.** Einige Operationen an den Geschlechtsorganen beim Pferde. *Münch. tierärztl. Wschr.*, 1937, 88: 145-51.—**Slonaker, J. R.** The effect of the excision of different sexual organs on the development, growth and longevity of the albino rat. *Am. J. Physiol.*, 1930, 93: 307-17.—**Stotopolsky, B.** Sexualchirurgie. *Zschr. Sexwiss.*, 1925-26, 12: 105; 143. — Ueber Sexualoperationen, ihre biologischen Grundlagen und ihre praktischen Ergebnisse. *Klin. Wschr.*, 1928, 7: 675-81.

— Tumor.

Aronstam, N. E. A study of genital and progenital papilloma and excrescences. *Med. World*, 1937, 55: 454-8.—**Aspinall, A., & Inglis, K.** Haemangio-lymphangioma of the abdominal wall and external genitals in a child. *Med. J. Australia*, 1926, 2: 345, pl.—**Fritzler, K.** Zur Kenntnis der Tumoren des Samenstranges, der Scheidenhäute und des Nebenhodens. *Zschr. urol. Chir.*, 1925, 18: 271-7.—**Lemoine.** Un cas de névrome des organes génitaux externes. *Arch. fr. belg. chir.*, 1922, 25: 74, 2 pl.—**Mencarelli, L., & Scavizzi, P.** Sopra un caso di tumore generis diversi nel distretto genito-mammario. *Diagnosi*, 1928, 8: 333-43.—**Rietti, F.** La diagnosi precoce dei tumori degli organi genitali. *Rass. stud. sess.*, 1925, 5: 245.—**Tiscornia Biais, A., & Ayllon, J. A.** Hemangiomas de los genitales externos. *Sem. méd. B. Air.*, 1936, 43: pt 2, 1419-22.—**Vogl, A.** Rezidivierendes Oelgranulom der Genitalgegend. *Deut. Zschr. Chir.*, 1937, 249: 89-94.

— Ulcer.

CORBUS, B. C. Genital ulcers. p.182-246. 8°. Phila., 1936.

In *Mod. urol.* (Cabot, H.) 3. ed., Phila., 1936, 1:

Ardias, A. I limiti della clinica nella diagnosi delle ulcerazioni genitali. *Rinasc. med.*, 1935, 12: 251.—**Bertrand, A.** Importance de l'examen à l'ultra-microscope pour toute lésion ulcéreuse des organes génitaux externes. *Union méd. Canada*, 1932, 61: 675.—**Cappelli, J.** Ulcerazioni acute dei genitali di natura non venerea (trasmissione per contagio sessuale) *Gior. ital. derm. sif.*, 1927, 68: 633-5.—**Gaté, J., & Michel, P. J.** Il faut savoir temporiser devant une ulcération génitale qui ne fait pas sa preuve; à propos de certains traitements d'épreuve imprudemment institués. *J. méd. Lyon*, 1932, 13: 325-9.—**Stuempke, G.** Ulcerous processes on the genitals. *Urol. Cut. Rev.*, 1928, 32: 223-8.—**Watrin, J.** Ulcération génitale chancrolienne à Nocardia. *Bull. Soc. fr. derm. syph.*, 1926, 33: 444.

— in animals.

See also names of animals; also Coitus—in animals; Genitals, female—in animals; Genitals, male—in animals; Genito-urinary system—in animals.

GERHARDT, U. Kloake und Begattungsorgane. p.267-350. 8°. Berl., 1931-33.

In *Handb. vergl. Anat.* (L. B. Weiland) Berl., 1931-33, 6:

HUBBELL, T. H. A revision of the Puer group of the North American genus *Melanopus* with remarks on the taxonomic value of the concealed male genitalia in the Cyrtacanthacrinæ (Orthoptera, Acrididae) 64p. 8°. Ann Arb., 1932.

STRZITECKY, F. *Beitrag zur Anatomie der männlichen und weiblichen Geschlechtsorgane des Silberfuchses. 44p. 8°. Lpz., 1932.

Castle, W. A., & Hyman, L. H. Observations on *Fonticola velata* (Stringer) including a description of the anatomy of the reproductive system. *Contr. Biol. Lab. Brown Univ.*, 1937, 13: No. 253.—**Engle, E. T.** The copulation plug and the accessory genital glands of mammals. *J. Mammal.*, 1926, 7: 119-26.—**Fihöl, J.** Recherches sur la nature des lépidosomes et les phénomènes cytologiques de la sécrétion chez les gastéropodes pulmonés; lépidosomes et parasomes. *Arch. anat. micr. Par.*, 1938, 34: 407-39.—**Larambergue, M. de.** Sur l'absence d'appareil copulateur chez certains individus de *Bullinus contortus* (Mich.) *C. rend. Acad. sc.*, 1932, 195: 174-6.— Développement de l'appareil génital dans les 2 formes (A et B) de *Bullinus contortus* Mich. *Ibid.*, 1933, 197: 190-2.—**Macdonald, E., & Taylor, L. W.** The rudimentary copulatory organ of the domestic fowl. *J. Morph. Physiol.*, 1933, 54: 429-49.—**Maschkowzew, A.** Der Genitalapparat der Acipenseridae. *Zool. Jahrb., Abt. Anat.*, 1934, 58: 397-414.—**Mukerji, D., & Bhuya, M. A. H.** Reproductive system of the Bruchid beetles *Bruchus quadrimaculatus* Fabr., *Bruchus* (*Callosobruchus*) *chinensis* L. (Bruchidae—Coleoptera) *J. Morph.*, 1937, 61: 175-221; 3 pl.—**Newman, H. H.** Contact organs in the killifishes of Woods Hole. *Biol. Bull.*, 1909, 17: 170-80.—**Petrunkewitch, A.** External reproduction organs of the common grass spider, *Agelena naevia* Walckenaer. *J. Morph.*, 1925, 40: 559-73.—**Reichardt, H.** Untersuchungen über den Genitalapparat der Asiliden. *Zschr. wiss. Zool.*, 1929, 135: 257-301.—**Stanley, A. J.** Sexual dimorphism in North American hawks; sex organs. *J. Morph.*, 1937, 61: 321-49.—**Stefanelli, A.** Le espansioni nervose sensitive nell'organo copulatore di *Anitra domestica* e nel protoeoderm di *tacchino*. *Monit. zool. ital.*, 1935-36, 46: 1-7, 4 pl.—**Steinberg, D.** Die Geschlechtsorgane von *Aspidogaster conchicola* Baer und ihr Jahreszyklus (vorläufige Mitteilung) *Zool. Anz.*, 1931, 94: 153-70.—**Wilson, J. W.** The genitalia of some of the Coccinellidae. *J. Elisha Mitchell Sc. Soc.*, 1926, 42: 63-74, 3 pl.—**Witschi, E.** Origin of asymmetry in the reproductive system of birds. *Am. J. Anat.*, 1935, 56: 119-41.

— in plants.

See Plants, Physiology; Reproduction—in plants, &c.

GENITALS [female]

See also Birth canal; Genitals; Genito-urinary system, female; Gonad; Pelvis; Perineum; also under names of parts of female genital organs as Bartholin's gland; Broad ligament; Cervix; Clitoris; Corpus luteum; Decidua; Douglas's pouch; Endometrium, &c.

KOTZ, T. R. *Beitrag zur Anatomie der weiblichen äusseren Genitalien nach Untersuchungen an venerisch Erkrankten. 20p. 8°. Lpz., 1922.

MENGE, K., MILLER, J. W. [et al.] Anatomie und topographische Anatomie, Entwicklungsgeschichte und Bildungsfehler der weiblichen Genitalien. 723p. 8°. Münch., 1930.

RAUTMANN, G. *Welche Genitalstadien ergibt die Gesundheitsuntersuchung von Antragsstellerinnen auf Ehestandsdarlehen? [Kiel] 31p. 20½cm. Brnschw., 1936.

TANDLER, J. Anatomie und topographische Anatomie der weiblichen Genitalien. p.1-366. 4°. Münch., 1930.

In *Handb. Gyn.* (J. Veit & W. Stöckel) 3. Aufl. Münch., 1930, 1: 1. Hälfte.

Allen, E. Female reproductive system. In *Probl. ageing* (E. V. Cowdry) Balt., 1939, 398-433.—**Boudouin, M.** Anatomie artistique préhistorique. *Presse méd.*, 1936, 44: 1907.—**Bralez, J.** Dermatologie topographique des organes génitaux externes féminines. In *Nouv. prat. derm.* (Darier, Sabouraud, et al.) Par., 1936, 8: 237-78.—**Drury, J., & Drennan, M. R.** Pudenda of South African Bushwomen. *Med. Rev. of Rev.*, 1934, 40: 36-44.—**Gomoju, V.** [Anatomical, physiological and pathological observations on the genital organs in women] *Spitalul*, 1940, 60: 229.—**Graaf, R. de.** De mulierum organis generationi inservientibus tractatus novus. In *Opusc. selecta neerl. de arte med.*, Amst., 1922, 4: 161-213.—**Held, E.** Anatomie et anatomie pathologique des organes génitaux de la femme. *Mschr. Geburtsh. Gyn.*, 1939, 109: 184-206.—**Jiménez, J. B.** Somatometría de los genitales externos de la mujer peruana y su influencia sobre los desgarras post-partum. *Crón. méd.*, Lima, 1933, 50: 313-42.—**Joachimovits, R.** Studien zur Menstruation, Ovulation, Aufbau und Pathologie des weiblichen Genitales bei Mensch und Affe (*Pithecius fascicularis mordax*) Eileiter und Ovar. *Biol. gen.*, Wien, 1935, 11: 281-348, 3 pl.—**Montgomery, T. L.** Anatomy of female organs of reproduction. In *Cyclop. M.* (Piersol-Bortz) Phila., 1940, 12: 60-89.—**Sannicandro, G.** Alcuni dati recenti di

partenologia. Clin. ostet., 1939, 41: 371-80.—Wolfe, J. M., Burack, E. [et al.] Changes in the connective tissue of the uterus and vagina of the rat associated with advancing age. Science, 1940, 91: 577.

— Abnormity.

See also *Cloaca*; *Gynatresia*; *Müllerian duct*; also names of parts of female genitalia as *Cervix*, *Abnormities*; *Clitoris*, &c.

FOLTYS, E. *Ueber Hemmungsbildungen im weiblichen Genitalapparat. 10p. 21cm. Bresl., 1937.

GRAC, M. *Ueber einige seltenere Missbildungen der inneren weiblichen Geschlechtsorgane mit besonderer Berücksichtigung der Spontanamputation der Adnexe [Basel] 32p. 8°. Strasb., 1926.

HERRMANN, F. *Ueber die Missbildungen an der städtischen Frauenklinik Stuttgart aus den Jahren 1915-1937. 39p. 22½cm. Tüb., 1939.

HORN, C. [G. W.] *Ein Fall von Uterus rudimentarius bicornis cum Atresia vaginae partialis und die Erforschung seiner formalen und kausalen Genese. 24p. 8°. Bresl., 1928.

KERMAUNER, F. Die Missbildungen der weiblichen Geschlechtsorgane. p.253-338. 8°. Jena, 1909-13.

In Morph. Missbild. Mensch. & Tiere (Schwalbe) Jena, 1909-1913, 3: Abt. 2.

MAGNAN, L. A. *Anomalies et malformations génitales de la femme; étude clinique et radiologique. 148p. 8°. Par., 1929.

MENGE, K., & OETTINGEN, K. v. Bildungsfehler der weiblichen Genitalien. p.519-692. 8°. Münch., 1930.

In Handb. Gyn. (J. Veit & W. Stöckel) 3. Aufl. Münch., 1930, 1: 2. Hälfte.

SCHORBACH, E. [E. E. H.] *Ueber einen Fall von Excessbildung im Bereich der Kloakenggend bei einem weiblichen Neugeborenen. 28p. 8°. Marb., 1930.

ABRUZZESE, G. Alcune considerazioni a proposito delle malformazioni dei genitali muliebri e della secrezione mammaria gravidica. Riv. ital. gin., 1927, 6: 69-97.—BINET, A. Les malformations congénitales des organes génitaux externes. Gynécologie, 1937, 36: 507-30.—BRITO, J. A. de. Utero duplo: vagina dupla. Rev. brasil. med., 1928, 4: 5-11.—BRUNET, A. Développement et malformations des organes génitaux internes de la femme. Marseille méd., 1928, 65: 660-84.—BURCKHARDT-SOEN. Fall von Missbildung. Helvet. med. acta, 1940, 7: 18.—CANTILENA, A. Strana conformazione dei genitali esterni in una bambina. Lattante, 1930, 1: 166-8.—CARY, W. H. A clinical study of 100 cases of developmental and functional deficiencies in the female with analysis of treatment and results. Am. J. Obst., 1933, 25: 335-50.—CIOTOLA, E. Constatación en la cavidad abdominal en una niña de algunos días de nacida de una enorme tumuración constituida por el útero distendido tabicado con la porción intersticial de la trompa dilatada y en cuya cara posterior se inserta la terminación del recto. Rev. méd. peru., 1937, 9: 143-8.—COUNSELLER, V. S. Congenital anomalies with particular reference to cryptorchidism, hypopadias and congenital absence of the vagina. J. Michigan M. Soc., 1938, 37: 689-97.—DEBUYS, L. R., & CUMMINS, H. Persistent cloaca and other anomalies in a female infant. Am. J. Dis. Child., 1931, 41: 871-6.—DIGONNET. Un cas d'utérus biloculaire cervical avec vagin double; accouchement dystocique par anomalie de la dilatation. Bull. Soc. gyn. obst. Paris, 1937, 26: 567.—DOBIS, A. G. Schwangerschaft bei Gebärmutter- und Scheidenmissbildungen. Zbl. Gyn., 1935, 59: 2958-68.—DUBREUIL-CHAMBARDEL, L. Les variations utéro-vaginales par cloisonnement longitudinal. Ann. méd., Par., 1927-28, 1: 111-6.—DUCK, H. Utero biloculaire bicolle con vagina septada. Ann. brasil. gyn., 1939, 8: 502-12.—DIJON, V. Deux cas de malformation génitale: 1. Uterus double, le gauche normal, le droit borgne interne avec hématomètre très douloureux; hystérectomie abdominale totale; guérison; 2. Absence de vagin, absence d'utérus, trompes réduites à un cordon fibreux, ovaire gauche normal; kyste dermoïde de l'ovaire droit; ablation du kyste dermoïde; réfection du vagin; guérison opératoire et fonctionnelle. P. verb. Ass. fr. chir., 1907, 939-41.—DUVERGES, C. J., & SCHUSTER, M. Embarazo, parto y puerperio en una malformación genital; consideraciones. Sem. méd., B. Air., 1940, 47: 1211-5.—ECKE, A. Ueber Doppelbildungen der weiblichen Geschlechtsorgane. Arch. Gyn., Berl., 1926, 129: 204-26.—FAGIOLI, M. Contributo allo studio della malconformazioni dell'apparato genitale femminile.

Boll. Poliamb. Giuseppe Ronzoni, 1933, 7: 457-94.—FERGUSON, R. T. Abnormalities of the female genital organs. South. M. & S., 1937, 99: 69.—FREUDENTHAL, P. [Three cases of birth in double vagina and double uterus] Hospitalstidende, 1938, 81: [Foren. gyn. obst. forh.] 49-55. Also Ugeskr. læger, 1938, 100: 883-6.—GAGGERO, E., & CHIPPA, T. Utero pseudo-didelfo con vagina divisa ed ematocolpo destro. Policlinico, 1931, 38: sez. prat., 1030-2.—GÁL, F. [Abnormities of the female genitals] Gyógyászat, 1933, 73: 357-60.—GALLOWAY, C. E. Vaginal septum, double cervix and bicornate uterus. Illinois M. J., 1937, 72: 341.—GILCREEST, E. L., & MULLEN, T. F. Two cases of septate vagina, double cervix, and double uterus. Surg. Clin. N. America, 1930, 10: 1041-7. Also repr.—GRANBERRY, H. B., jr., & FAUSÉ, F. L., jr. Duplicity of uterus and vagina. Am. J. Obst., 1938, 35: 1042-6.—HINSCHMANN, H. Abgestorbene Eizellen auf der Ovarialoberfläche bei fehlendem Müller'schem Gang. Zbl. Gyn., 1929, 53: 594-8.—HIRST, B. C. Some experiences in the diagnosis and treatment of congenital anomalies of the female genital tract. Am. J. Obst., 1932, 24: 843-8.—HOLCOMBE, R. N. Malformation of the uterus and vagina; report of a case. J. Oklahoma M. Ass., 1932, 25: 189-91.—JEANNIN, C., & SUREAU, M. Un cas de malformation rare des organes génitaux de la femme. Bull. Soc. obst. gyn. Paris, 1932, 21: 163-6.—LE LORIER. Utérus double et vagin double. Ibid., 1934, 23: 617. Also Gynécologie, 1935, 34: 329.—MCBRIDE, R. W. Double uterus, double cervix, and double vagina. Am. J. Obst., 1930, 20: 710.—MANSFELD, O. Operierte Fälle von Entwicklungsmissbildungen. Zbl. Gyn., 1937, 61: 2396-8. Also Népegészésgy. 1938, 19: 113.—MASSON, J. C., & KAUMP, D. H. A review of 17 cases of interesting anomalies of the female genital tract. Am. J. Obst., 1937, 33: 565-76.—MASSON, J. C., & MUELLER, S. C. Uterus duplex bicornis with septate vagina, open only on one side: report of case. Surg. Clin. N. America, 1933, 13: 857-61.—MEUCCI, A. Contributo allo studio delle anomalie congenite dei genitali femminili. Prat. chir., Città di Castello, 1931, 3: 93-103.—MIJSBERG, W. A. Ueber die formale Genese einiger Entwicklungsfehler der weiblichen Genitalien beim Menschen. Zschr. ges. Anat., 1. Abt., 1926, 79: 515-37.—MOENCH, L. M. Anomalies of the female generative tract (4 cases) Med. Clin. N. America, 1927-28, 11: 457-9.—MOLINO, A. H., & BOERO, R. A. Malformación genital en su faz legal. Sem. méd., B. Air., 1932, 39: 551-3.—MONEURE, P. St. L. Anomalies of the female generative organs; with report of a rather remarkable case. Virginia M. Month., 1939, 66: 593-6.—MOORE, O. Congenital abnormalities of the female genitalia. South. Surgeon, 1938, 7: 40-3.—MOTTA, G. Ein Fall von Hyperplasie der Vagina und des äusseren Genitales bei einer missbildeten Frucht. Zbl. Gyn., 1931, 55: 2104-8.—NORDENFELD, O. Two cases of cloacal formation with congenital hydrometra and hydrocolpos. Acta obst. gyn. scand., 1926, 5: 1-23.—OMBRÉDANNE, L. Une fétite splanchnodyne. Mém. Acad. chir., Par., 1936, 62: 747-52.—OSTRIL, J. [Double genital organs in women in obstetrics] Cas. lek. česk., 1937, 76: 1439-46.—PASTORINI, R., & CHAVANNE, F. Malformación genital y disendocrinia pluriglandular. Sem. méd., B. Air., 1938, 45: pt. 2, 372-9. Also Bol. Soc. obst. gyn. B. Aires, 1938, 17: 21-33.—PELIER DE QUEIROZ, A. A proposito de três curiosidades gynecologicas. Rev. med. Bahia, 1938, 6: 155-64.—PERROTTI, G. Ernia inguinale, con tubercoli del sacco, contenente ovaio, tubo ed utero, in giovane donna con rarissima anomalia di sviluppo degli organi genitali interni (utero didelfo ipoplasico, assevera parziale della vagina) Arch. ostet. gin., 1928, 35: 219-33.—POYNTON, J. O. A case of disordered development of the female genitalia. Lancet, Lond., 1938, 1: 1050.—QUINTO, P. Contributo allo studio di alcune malformazioni genitali. Riv. ital. gin., 1934-35, 17: 714-60.—RAPANT, V. Eine scheinbare heterosexuelle Juxta-position der äusseren Geschlechtsmerkmale bei einer 23jährigen Frau. Zbl. Gyn., 1935, 59: 270-5.—REEL, P. J. Congenital malformation of the female genitalia. Am. J. Obst., 1922, 3: 604-6.—REINER, E. Ueber eine seltene kongenitale Hemmungsbildung. Med. Klin., Berl., 1926, 22: 373.—ROSSARO, G. Vagina septa, uterus bifidis bicollis, supra simplex. Clin. ostet., 1926, 28: 84-6.—RUDAUX & DURANTE. Utérus gravide sans annexes apparentes. Bull. Soc. anat. Paris, 1925, 95: 284-9.—SAUVÉ, J. Un cas d'hématocolpos chez une femme présentant des anomalies congénitales multiples des organes pelviens. Bull. Soc. nat. chir., Par., 1924, 50: 287-9.—SCHRANZ, D. Ein Fall von Uterus septus cum Vagina septa und Anus vulvaris. Wien. med. Wschr., 1937, 87: 820-3.—SELLING, J. [Doubling of the vagina and uterus with unilateral atresia of the hymen, hematocolpos and hematometra; data on the external migration of the ovum] Bratisl. lek. listy, 1932, 12: 407.—SENNA VASCONCELLOS, J. C. de. Malformações do aparelho genital feminino. Pol. méd., Rio, 1930, 11: 43-5.—SLIECH, W. S. Malformation of female genitals with report of case. Tr. M. Soc. Virginia, 1916, 46: 182-5.—SMITH, F. R. The significance of incomplete fusion of the Müllerian ducts in pregnancy and parturition, with a report on 35 cases. Bull. Lying-in-Hosp. N. York, 1932, 13: 323-43.—TROELL, A. Einige Sexualoperationen. Acta obst. gyn. scand., 1930, 9: 577-99.—VERCESI, C. Anomalia di sviluppo dei genitali interni simulante una forma infiammatoria utero-annessiale. Clin. ostet., 1926, 28: 659-63.—VIANNAY. Un cas d'utérus biloculaire coexistant avec un vagin double. Loire méd., 1926, 40: 17-21.—VILAS, E. Zur formalen Genese der Fehlbildungen der Scheide und der Gebärmutter. Arch. Gyn., Lpz., 1932-33, 152: 655-66.—VIOLATO, A. Malformazioni genitali femminili e correlazioni ormoniche. Morgagni, 1935, 77: 175-8.

— Actinomycosis.

BLOCH, J. *Ueber einen Fall von ausgedehnter Aktinomykose des weiblichen Genitale, der Lunge und der Pleura [Zürich] p.219-40. 8° Lpz., 1931.

Also Arch. Gyn., Berl., 1931, 145:

FAUST, H. *Ueber die Aktinomykose des weiblichen Genitale [Heidelberg] 37p. 8° Walldorf., 1928.

HEERKLOTZ, K. *Aktinomykose der weiblichen Genitalien [Leipzig] 33p. 8° Dresd., 1935.

LOHDE, H. *Aktinomykose der weiblichen Genitalien mit einem Beitrag. 33p. 21cm. Königsb., 1936.

Blasek. Zur Klinik der Strahlenpilzerkrankung der inneren weiblichen Genitalien. Deut. Zschr. Chir., 1932, 236: 655-8.—CORDUA, R. Genitalaktinomykose. Zbl. Gyn., 1938, 62: 2530-3.—COUNSELLER, V. S., & HOERNER, M. T. Actinomycosis of the female genital organs: report of cases. Collect. Papers Mayo Clin., 1934, 26: 378. Also repr.—DANIEL, C., & MAVRODIN, D. L'actinomycose génitale de la femme. Rev. fr. gyn. obst., 1934, 29: 1-80.—DRAPER, J. W., & STUDDIFORD, W. E., jr. Report of a case of actinomycosis of the tubes and ovaries. Am. J. Obst., 1926, 11: 603-8 [Discussion] 701.—HALL, E. L. Actinomycosis of the internal female genitalia; with report of case. Ibid., 1940, 39: 524.—HASELHORST, G. Aktinomykose der weiblichen Genitalorgane als Abtreibungsfolge. Arch. Gyn., Berl., 1928, 134: 561-77.—IKEDA, Y., & IKEDA, K. Ueber Aktinomykosis der weiblichen Geschlechtsorgane. Zbl. Gyn., 1932, 56: 782.—JOSEPH, M., & SUMMERILL, F. Actinomycosis and blastomycosis of female genitalia. Am. J. Obst., 1938, 36: 126-30.—MARTIUS, H. Ueber weibliche Genitalaktinomykose; ein durch Röntgenstrahlen geheilter Fall. Münch. med. Wschr., 1930, 77: 392-4.—SCHOEKAERT, J. A., & DE COOMAN, E. L'actinomycose génitale de la femme: relation d'un cas personnel. Bruxelles méd., 1936-37, 17: 1135-44.—SCHUGT, P. Zur Klinik der Genitalaktinomykose beim Weibe. Münch. med. Wschr., 1930, 77: 394-6.—STEIN, A. Aktinomykosis des Ovarium und der Fallopischen Tube. Mschr. Geburtsh. Gyn., 1928, 78: 200-9.—VONENESS, A. Ueber Abdominalaktinomykose mit besonderer Berücksichtigung eines Falles von weiblicher Genitalaktinomykose. Zbl. Gyn., 1939, 63: 754-7.

— Allergy, and anaphylaxis.

See also Allergy, genitourinary.

ALBRECHT. Die Bedeutung der allergischen Konstitution für die Gynäkologie. Arch. Gyn., Berl., 1925, 125: 563-6 [Discussion] 586-90.—GOODALL, J. R., & POWER, R. M. H. Generalallergy and metallurgy. Am. J. Obst., 1937, 33: 194-209.—GUARNA, A. Il fenomeno di Sanarelli-Schwartzman nell'apparato genitale femminile. Boll. Ist. sieroter. milan., 1935, 14: 360-7, pl.—MURRAY, E. G. Reacciones alérgicas del aparato genital femenino; trabajo experimental. Bol. Acad. nac. med. B. Aires, 1940, 97-115. Also Prensa méd. argent., 1940, 27: pt 2, 1736-60.—SHIKAMA, K. Experimentelle Untersuchung über allergisch-hyperergische Veränderungen in den weiblichen Genitalien des Kaninchens. Tr. Soc. path. jap., 1939, 29: 9-11.—TOMMASOLI, A. Le reazioni allergiche negli organi genitali femminili. Arch. ostet. gin., 1925, 2. ser., 12: 529-727.

— Aplasia.

See also Gynatresia.

Björkenheim, E. A. Einseitiges Fehlen des Ovariums und der Tube. Zbl. Gyn., 1935, 59: 794-6.—GUILLEMIN, A., & GRUMILLIER. Développement du vagin avec aplasie de l'utérus et des ovaires. Bull. Soc. obst. gyn. Paris, 1936, 25: 265-7.—GUSENLEITNER, K. Einseitiges Fehlen von Ovarium und Tube. Wien. klin. Wschr., 1935, 48: 1419.—HAMANT & BODART. Les indications chirurgicales dans les aplasies généralisées de l'appareil génital. Rev. chir. Par., 1933, 71: 163-74.—KAKUSCHKIN, N. Cysten- und Drüsenneinschlüsse des Tubenwinkels der Gebärmutter in einem Falle von kongenitalem einseitigen Mangel der Tube und des Ovariums. Arch. Gyn., Berl., 1928, 133: 533-57.—LINDQVIST, E. Ein Fall von Aplasia uteri et vaginae totalis. Acta obst. gyn. scand., 1927, 6: 337-47.—LOPE BUENO RODRIGO, D. Sobre un caso de ausencia útero-vaginal completa. Siglo méd., 1933, 91: 549.—MAYO, C. W., & KNEPPER, P. A. Congenital unilateral absence of the tube and ovary. Proc. Mayo Clin., 1937, 12: 523.—NOTA, F. Contributo allo studio delle aplasie Mülleriane; aplasia parziale di una tuba. Riv. ital. gin., 1931, 12: 248-60.—PALACIOS COSTA, N., & PASTORINI, R. Un caso de ausencia total de útero y vagina. Sem. méd., B. Air., 1939, 46: pt 2, 1353-8.—RUSSELL, T. H. Absence of the genital organs in a girl. Am. J. Surg., 1927, n. ser., 3: 394.—WAGELI. Un cas d'aplasie presque totale de l'appareil génital féminin. Schweiz. med. Wschr., 1928, 58: 274.—WALTERS, D. N., & QUALLS, C. L. Complete congenital absence of vagina and uterus. Wisconsin M. J., 1936, 35: 895.—WHITE, C. P. Congenital absence of left tube and ovary; report of a case. Illinois M. J., 1935, 68: 536-8.

— Bacteriology.

See also subheading Infection.

STRUB, U. M. *Experimentelle Untersuchungen und Bestimmung der postoperativen bakteriellen Besiedelung mit der Virulenzprüfungsmethode nach Ruge-Philipp. 39p. 21cm. Zür., 1938.

TOENGES, T. *Zur Frage der gramnegativen gonokokken-ähnlichen Diplokokken im weiblichen Genitaltraktus. 23p. 8° Marb., 1932.

CUIZZA, T. Sulla presenza di cocchi gramnegativi diversi dal gonococco nel tratto genitale femminile. Ann. ostet. gin., 1930, 52: 158-70.—Dienes, L. Cultivation of pleuropneumonia-like organisms from female genital organs. Proc. Soc. Exp. Biol., N. Y., 1940, 44: 468.

— Blood supply, and lymphatics [and their disorders]

Braine, J. Sur les infarctus génitaux chez la femme. Laval méd., 1938, 3: 301-14.—CARINI, P. Il sistema linfatico degli organi sessuali femminili. Med. ital., 1928, 9: 229-32.—DIEULAFÉ, L., & DIEULAFÉ, R. La vascularisation de l'appareil génital de la femme. Rev. fr. gyn. obst., 1935, 30: 275; 745. Also Techn. chir., Par., 1936, 28: 49-78.—GARUFI, G. Rilievi anatomici e fisiologici sulla circolazione sanguigna dei genitali muliebri interni. Monit. ostet. gin., 1934, 6: 401-55.—Particolarità strutturali dei vasi arteriosi dell'apparato genitale femminile umano. Monit. zool. ital., 1934, 45: suppl., 74-8.—LARKIN, C. L. Sclerotic bloodvessels of the female genitalia as a cause of gynecological symptoms and a reason for failure of conservative pelvic surgery. Med. J. & Rec., 1928, 127: 59-61.—MOTILOFF, L. Zur Frage des sogenannten regionären Lymphatismus der weiblichen Genitalorgane. Zschr. Geburtsh. Gyn., 1934, 108: 69-78.—ROMANIOLI, G. Lo stato anatomico e funzionale dei capillari, in rapporto a svariati processi patologici della sfera genitale femminile. Atti Acad. fisiocr. Siena, 1934, 11. ser., 2: 100; 509.—STRASSMANN, E. Kreislauf und weibliche Generationsorgane. Med. Welt, 1928, 2: 1265; 1305.—TAVERNARI, A. Sulle alterazioni dei vasi sanguigni nell'utero e nell'ovaio; note di istologia patologica. Riv. ital. gin., 1938, 21: 423-39.—TSUJIMURA, T. Ueber das Wesen der Ovulations-, Menstruations- und Schwangerschafts-sklerose. Tr. Soc. path. jap., 1935, 25: 534-7, pl.

— Cancer.

See also subheading Sarcoma.

ANDERSON, M. E. A short story of cancer of the breast and cancer of the uterus. 63p. 8° Clinton, Ia. [1938]

DIETZMANN, G. *Carcinom und Schwangerschaft [Leipzig] 41p. 8° Zeulenroda, 1933.

EMMANUIL, E. *Die malignen Genitaltumoren der Universitätsfrauenklinik Würzburg in den Jahren 1923 bis 1931. 72p. 8° Würzb., 1933.

MALINOWSKY, M. C., & QUATER, E. Carcinoma of the female genital organs; transl. from the Russian by A. S. Schwartzmann. 255p. 8° Bost. [1936]

TREMEL, H. *Carcinom und Schwangerschaft nachgewiesen am Krankheitsmaterial der Strahlenabteilung in der Universitätsfrauenklinik München während der letzten 20 Jahre. 14p. 8° Münch., 1934.

WILHELM, H. *Genitalkarzinom und Gravidität. 10p. 8° Lpz., 1925.

Abruzzese, G. Ulteriori considerazioni e casistiche a proposito dei tumori maligni che si osservano di donne irradiate. Riv. ital. gin., 1935-36, 18: suppl., 372-98.—Carcinoma of the vulva and vagina. Annual Rep. Brit. Empire Cancer Campaign, 1935, 12: 73-5.—CATHCART, J. W. Malignancies of the female genital tract. Southwest. M., 1939, 23: 281-4.—DIRADOURIAN, J., & GAVIOLI, R. L. Cáncer y embarazo. Bol. Soc. obst. gin. B. Aires, 1938, 17: 6-19.—GAIFANI, F. I tumori maligni della vulva e della vagina. In his Convers. & lez. ostet. gin., Roma, 1933, 369-74.—GORNICK, P. Zustandsverantwortlichkeit beim Genitalkarzinom der Frau. Münch. med. Wschr., 1929, 76: 1592-4.—HEALY, W. P. Malignant disease of the female genitalia. Med. Rec., N. Y., 1934, 139: 72-4.—HENKEL, M. Das Karzinom der weiblichen Genitalorgane; klinische Beobachtungen, Erfahrungen. Med. Klin., Berl., 1932, 28: 69-71.—HOFBAUER, J. Kausale Faktoren der genitalen präcancerösen Veränderungen. Zbl. Gyn., 1930, 54: 2393-8.—KÜSTNER, H. Carcinome der äusseren Genitalien und des Eierstocks. Med. Welt, 1936, 10: 11-3.—LAHM, W. Das Carcinom des weiblichen Genitalien. Cancer, Brux., 1927, 4: 331-54.—LARIN, G. P., & POLONSKY, I. N. [Material on cancer of the sexual organs in women] Sovet. vrach. J., 1938, 42: 114-8.—MASSON, J. C. Carcinoma of the female

pelvic organs. *Surg. Gyn. Obst.*, 1934, 58: 453-5.—**Matoušek, M.** [Malignant tumors of the genital organs and breast in women in relation to blood groups] *Bratisl. lek. listy*, 1935, 15: 334-43.—**Mazza, H. L.** Dermatosi precancerosa; enfermedad de Bowen de la vulva y de la vagina. *Bol. Inst. med. exp. cáncer, B. Air.*, 1936, 13: 503-8, pl.—**Meigs, J. V.** Cancer of the female genitalia. *N. England J. M.*, 1929, 200: 111; 1930, 102: 9.—**Phaneuf, L. E.** Cancer of the female genital tract. *Ibid.*, 1930, 202: 8.—**Polubinsky, V. A.** [Present state of the cancer problem in gynecology]. *Akush. gin.*, 1937, No. 2, 59-66.—**Pouey, E.** Cáncer genital femenino. *Bol. sal. pub.*, Montev., 1933, 2: 955-66.—**Randall, J. H.** A study of 198 cases of female genital malignant tumors. *J. Iowa M. Soc.*, 1936, 26: 567-70.—**Silva, C.** Il cancro degli organi genitali femminili. *Arte ostet.*, 1938, 52: 101-14, 4 pl.—**Simpson, L. F.** Malignancy of the female genitalia aside from the uterus. *Med. Times, N. Y.*, 1932, 60: 323-5.—**Taylor, H. C., jr.** Benign and malignant lesions of the female reproductive tract. *Bull. N. York Acad. M.*, 1935, 11: 368-82.

— Cancer: Complications.

KOENIGSBECK, W. *Ueber die Häufigkeit der Carcinome der weiblichen Genitalia als Ursache der postklinischen Blutungen. 15p. 8° [Münch.] 1928.

Armanini, C. Su di un caso di tumori multipli dell'apparato genitale femminile (carcinoma contemporaneo del clitoride e del collo dell'utero e adenomiomi dell'utero) con particolare riguardo alla presenza di cosinofilia nei tumori maligni. *Ann. ostet. gin.*, 1928, 50: 381-410, 3 pl.—**Dambrin, P., Fabre, J., & Tarrière.** Cancer double et simultané de l'ovaire et de l'utérus, avec fibrome utérin. *Bull. Soc. gyn. obst. Paris*, 1938, 27: 790.—**Grice, A.** Su di un caso di associazione pluri-neoplastica dell'apparato genitale muliebre (fibromioma ovarico bilaterale; epiteloma del corpo uterino). *Monit. ostet. gin.*, 1936, 8: 53-80.—**Grishenko, I.** [Simultaneous affection of the female internal organs by cancer and tuberculosis, due to endocrine insufficiency]. *Ukrain. med. arkh.*, 1927, 1: 48-57.—**Knepper, P. A.** Perforation of the uterus and carcinoma of the ovary and uterus associated with intestinal involvement: report of 2 cases. *Proc. Mayo Clin.*, 1936, 11: 681-3.—**Kramann, H., & Bienhüls, M.** Zur parametrischen Ausbreitung des Gebärmutter- und Scheidenkrebes, insbesondere zur Frage der Bevorzugung einer Seite durch die karzinomatöse Infiltration. *Mscrh. Geburtsh. Gyn.*, 1937-38, 107: 65-72.—**Pistuddi, A.** Cistoadenoma ovarico sinistro in degenerazione maligna ed epiteloma incipiente della portio. *Riv. ostet. gin.*, 1929, 11: 11-21.—**Putzu Doneddu, F.** Sulle associazioni plurineoplastiche dell'apparato genitale muliebre. *Ann. ostet. gin.*, 1936, 58: 1743-68.—**Samaja, N.** Gomma ulcerata della vagina e carcinoma dell'utero. *Bull. sc. med., Bologna*, 1926, 10, ser., 4: 32-45.—**Tropea-Mandalari, U.** Contributo allo studio della flora batterica anaerobica dei carcinomi genitali ulcerati. *Clin. ostet.*, 1927, 24: 597-607.

— Cancer: Diagnosis.

Adler, L. Frühdiagnose des Karzinoms der weiblichen Geschlechtsorgane. *Wien. med. Wschr.*, 1933, 83: 1193-7. Also *Wien. klin. Wschr.*, 1934, 47: 723.—**Aguinaga, A.** Diagnostico precoce des principales cancers de l'appareil genital féminin. *Arch. brasil. med.*, 1929, 19: 199-209.—**Banujo, N. M.** Síntomas precoces del cáncer genital de la mujer. *Bol. Liga cáncer, Habana*, 1936, 7: 41-4.—**Banet, V.** Ventajas del diagnóstico precoz del cáncer genital en la mujer. *Ibid.*, 1935, 6: 15-9.—**Bergmann, E.** Die Autovaginioskopie. *Med. Klin.*, Berl., 1934, 30: 369-71.—**Bolaffi, R.** Sulla diagnosi precoce dei tumori genitali maligni mediante la reazione Citelli-Piazza. *Riv. ital. gin.*, 1931-32, 13: 172-86.—**Cetroni, B. M.** La reazione di Botelho in ginecologia. *Ann. ostet. gin.*, 1925, 47: 745-50.—**Dothare, F.** Consideraciones a propósito de las dificultades de un diagnóstico. *Rev. Circ. méd. argent.*, 1928, 28: 2094-106.—**Donaldson, M.** The diagnosis of malignant disease of the female genital organs. In *Early diagn. malign. dis.* (Donaldson, M., Cade, S.) Lond., 1936, 19-33.—**Franqué, O. von.** Die Frühdiagnose der Genitalkrebse der Frauen. *Med. Klin.*, Berl., 1931, 27: 491-7.—**Gaifami, P.** Per la più tempestiva diagnosi e per la più efficace cura dei tumori maligni dell'apparato genitale femminile. In *his Convers. & lez. ostet. gin.*, Roma, 1933, 350-68.—**Gandolfo Herrera, R.** Diagnóstico precoz del cáncer en la mujer. *Rev. méd. lat. amer.*, B. Air., 1933-34, 19: 843-68, pl.—**Hinselmann, H.** Zur Ca-Frühdiagnose der unteren Abschnitte der weiblichen Genitalia. *Med. Welt*, 1934, 8: 153-5.—**Köhler.** Drei und ein drittel Jahre Krebsprechstunde mit dem Kolposkop. *Münch. med. Wschr.*, 1937, 84: 1082-6.—**Jung, J.** [Davis, Roffo and Wigand reactions in diagnosis of cancer of female genitals]. *Cas. lek. česk.*, 1928, 68: 1779-84.—**Kuhn, R.** Neues zur Frühdiagnose des weiblichen Genitalkarzinoms, zur Diagnose des Ovarialkarzinoms sowie des nekrotischen Myoms. *Aerzt. Rdsch.*, 1925, 35: 240.—**Lope Ondé, J.** El ginecólogo ante el cáncer. *Siglo méd.*, 1926, 78: 629-31.—**Magnani, L.** Valore della reazione di Davis per la diagnosi biologica dei tumori maligni. *Riv. ital. gin.*, 1929, 8: 474-85.—**Mattina, A.** La siero-diagnosi di Botelho in gravidanza in puerperio ed in alcune affezioni ginecologiche. *Ann. ostet. gin.*, 1926, 48: 297-303.—**Mestwerdt, G.** Welche Bedeutung hat die Kolposkopie

für die Krebsbekämpfung bei der Frau? *Wien. med. Wschr.*, 1940, 90: 138.—**Natale, P.** La reazione Citelli-Piazza nei tumori maligni della sfera genitale femminile. *Ann. ostet. gin.*, 1931, 53: 2169-77.—**—** Sulla reazione I di Aschheim-Zondek nel cancro genitale femminile. *Ibid.*, 1935, 57: 1171-7.—**Nudolskaia, O. E.** [Diagnosis of cancer and precancerous states of the sexual organs in women by means of mitogenetic rays]. *Akush. gin.*, 1937, No. 9-10, 35-45.—**Philipp, E.** Der röntgenologische Nachweis der Ausbreitung der Genitalkarzinome. *Zbl. Gyn.*, 1932, 56: 2767-74.—**Schiller, W.** Die Frühdiagnose des Karzinoms der weiblichen Geschlechtsorgane. *Wien. klin. Wschr.*, 1931, 44: 1533-6. Also *Mitt. Volksgesundhdt.*, Wien, 1932 [Aerzt. Prax.] 145-9.—**Serebrov, A. I.** [The importance of Davis's reaction in gynecology]. *J. akush.*, 1928, 39: 614-21.—**Tiber, L. J.** The early diagnosis of cancer of the female genitalia. *Clin. M. & S.*, 1934, 41: 123-5.

— Cancer: Etiology.

Adler, L. Frühdiagnose des Karzinoms der weiblichen Geschlechtsorgane. *Aerzt. Prax.*, Wien, 1935, 9: 154.—**Allen, E.** Ovarian hormones in relation to female genital cancer. *Yale J. Biol.*, 1937-38, 10: 565-72. Also *J. Am. M. Ass.*, 1940, 114: 2107-14.—**Busse, O., & Hövener.** Ein Beitrag zur Frage des Zusammenhanges zwischen Hypophyse und Genitalkarzinom. *Zbl. Gyn.*, 1934, 58: 1218-21.—**Dehler, H.** Das gynaekologische Röntgenkarzinom. *Arch. Gyn.*, Berl., 1927, 130: 239-74.—**Graves, W. P.** Relationship of imperfect drainage to genital cancer in the female. *Am. J. Surg.*, 1927, u. ser., 3: 489-93.—**McDougald, J. Q.** Etiology and treatment of carcinoma in the female generative organs. *J. Nat. M. Ass.*, 1933, 25: 106.—**Moratti, A.** Sui rapporti fra ghiandola tiroide e tumori; cancro genitale muliebre e tiroide. *Tumori, Milano*, 1933, 19: 568; 647; 1934, 20: 1. Also *Monit. endocr.*, 1934, 2: 235-44.—**Natale, P.** Prolasso e cancro della portio; prolasso e cancro della vagina. *Tumori, Milano*, 1934, 20: 83-92.—**Ortmann, K. K.** [Carcinoma of the genital organs in multiparae]. *Ugeskr. læger*, 1932, 94: 797-82.—**Provenzano, M. I.** Etiopatogenia dos cancers epidermoides do aparelho genital feminino. *Ann. brasil. gyn.*, 1939, 8: 21-30.—**Schrader, E.** Ueber die Bedeutung der Lues für das Genitalkarzinom der Frau. *Zbl. Gyn.*, 1939, 63: 930-4.

— Cancer: Frequency, and statistics.

MATTMÜLLER, G. *Beitrag zur Statistik der Genital-Karzinome [Basel] 54p. 8° Stuttg., 1922.

Also *Zschr. Geburts.* 1922, 85: 106-41.

Boerma, N. J. A. F. A few remarks on the frequency of cancer of the female genitalia at Batavia. *Meded. dienst volksgezondh. Ned. Indië*, 1925, 172-4.—**Bristoll, D. A.** Malignancies of the female generative tract, New Britain General Hospital; 1929-38. *J. Connecticut M. Soc.*, 1939, 3: 417.—**Celli, G.** Contributo statistico circa la frequenza dei fibroniomi e dei carcinomi dei genitali femminili e la cura di essi; sulla parola cancro. *Arch. ostet. gin.*, 1934, 2, ser., 21: 181-99.—**Frankenstein, K.** Bericht über die Krebsrundfrage der Niederrheinisch-Westfälischen Gesellschaft für Gynäkologie und Geburtshilfe. *Zbl. Gyn.*, 1932, 56: 1143-50.—**Janisch-Rasković, V.** Statistische Berichte über 2,065 Fälle von bösartigen Geschwülsten der weiblichen Geschlechtsorgane. *Zschr. Krebsforsch.*, 1939, 49: 29-45.—**Kryška, J.** [Statistics of cancer of the genital organs in women from 1884 to 1928]. *Cas. lek. česk.*, 1929, 68: 1465; passim.—**Philipp, E.** Statistik der Karzinome des Collum uteri und der Vagina aus den Jahren 1923-25. *Zbl. Gyn.*, 1932, 56: 212-21.—**Sadi Fonso, F.** El cáncer genital en la mujer; su frecuencia. *Rev. med., Rosario*, 1934, 8: 3-14.

— Cancer, juvenile.

KRAUSS, R. *Zunahme des Genital-Karzinoms bei jüngeren Frauen? [Berlin] 45p. 8° Charlottenb., 1935.

MEISER, A. *Ueber die Häufigkeit der Genitalkarzinome beim Weibe insbesondere bei Jugendlichen im klinischen Material der Jahrgänge 1906 bis 1915 und 1928 bis 1937. 16p. 23cm. Berl., 1938.

Kamniker, H. Das weibliche Genitalkarzinom bei Jugendlichen. *Wien. med. Wschr.*, 1939, 89: 415-7.—**Kelly, J. A.** Gynecologic cancer in children. *J. Pediat.*, S. Louis, 1939, 15: 354-62.—**Morse, A. H.** Carcinoma of the female genital tract in childhood. *Am. J. Obst.*, 1930, 19: 520-9.—**Ortmann, K. K.** Ueber Carcinom der weiblichen Genitalia bei Kindern. *Zschr. Krebsforsch.*, 1932, 37: 283-5.—**Schreiner, B. F., & Wehr, W. H.** Malignant disease of the female generative organs in the first 3 decades of life. *Surg. Gyn. Obst.*, 1934, 59: 616-21.

— Cancer: Metastasis.

BÜTTNER, G. *Zur Frage der Lokalisation und Metastasierung des Genitalkarzinoms [Giessen] 59p. 8° Bückeburg, 1937.

HASSLOCHER, R. *Ueber die Metastasierungswege bei Uterus- und Ovarialkrebsen [Heidelberg] 24p. 8° Düsseldorf, 1938.

PHILIPPE, E., & SCHÄFER, G. Metastasen und Rezidive im Knochen beim Genitalkarzinom der Frau und ihre Darstellung im Röntgenbild. 41p. 8° Berl., 1933.

DÖRR, H. Die Metastasen beim Genitalkarzinom der Frau, unter besonderer Berücksichtigung der Knochenmetastasen. Fortsch. Röntgenstrahl., 1939, 60: 263-72.—ERNST, S. Metastasen in den Supraklavikulardrüsen als Fernsymptom von Genitalkarzinomen. Zbl. Gyn., 1931, 55: 2466-72.—HOLTERMANN, C. Hautmetastasen bei Genitalkarzinomen und ihre Behandlung. Zschr. Geburtsh. Gyn., 1936-37, 114: 350-70.—HÜCKEL, H. Die Metastasierung beim Krebs der inneren Geschlechtsorgane. Zbl. Gyn., 1935, 59: 1394-409.—KOTTMAYER, H. L. Knochenveränderungen bei malignen Uterus- und Ovarialtumoren. Acta radiol. Stockh., 1935, 16: 275-94.—LENCEWSKI, J., & MEISELS, E. [Metastases in the bones in cancer of the uterus and malignant tumors of the ovaries] Gin. polska, 1936, 15: 725-54.—MEYER, P. Métastases cutanées après cancer des organes génitaux. Bull. Soc. gyn. obst. Paris, 1938, 27: 333. Also Gynécologie, 1938, 37: 263-8.—OETTINGEN, K. von, & HELFFERICH, M. Beitrag zur Frage der Knochenkrankungen nach Genitalkarzinom. Zbl. Gyn., 1932, 56: 1574-7.

Cancer: Mortality.

DEELMAN, H. T., & JITTA, N. M. J. Die Sterblichkeit an Brustdrüsen- und Gebärmutterkrebs in Niederland und England. Zschr. Krebsforsch., 1926, 24: 146-55.—DICKINSON, R. L. Life size outlines for gynecological cancer case records. Am. J. Cancer, 1933, 17: 784-9.—JILEK, D. [What is the cause of mortality of women with cancer of the genital organs?] Bratisl. lek. listy, 1935, 15: 273-82.—METHORST, H. W., & DEELMAN, H. T. [Statistics of mortality in cancer of breast and uterus in Holland] Ned. tsschr. geneesk., 1926, 70: 1178-86.—SPOTO, P. Indagini statistiche sulla mortalità per tumori maligni dell'apparato genitale femminile. Osp. maggiore Novara, 1937, 14: 213; 310.

Cancer: Pathology.

FRÜHAUF, H. *Veränderung der Serumstruktur bei Genitalkarzinom [Frankfurt a. M.] p. 425-38. 8° Berl., 1928.

Also Arch. Gyn., Berl., 1928, 134:

GITTERMANN, W. *Ueber einen Fall von Psammomacarcinom des weiblichen Genitale [München] 16p. 8° [Linz] 1927.

AGOSTONI, R. Il carcinoma dei genitali esterni; contributo clinico ed anatomo-patologico. Ann. ostet. gin., 1938, 60: 1163-1283.—AIELLO, G. Osservazioni sul valore della resistenza dei globuli rossi del sangue nel carcinoma dell'utero e della vagina. Rass. ostet., 1924, 33: 180-90.—AMOLSCHE, A. L. Mixed mesodermal tumors of the uterus and vagina; with report of 6 cases. Am. J. Cancer, 1939, 37: 435-44.—BRIDE, J. W. A case of advanced carcinoma of the corpus uteri and vagina. J. Obst. Gyn., Lond., 1935, 42: 191.—BUSSE, O., & KLEHMET, H. Hypophysenvorderlappenhormon-Ausscheidung beim Genitalkarzinom der Frau. Zbl. Gyn., 1935, 59: 7-9.—CHAJUTIN, D. M. Zur Kenntnis der primär-multiplen Carcinome der weiblichen Geschlechtsorgane. Zschr. Krebsforsch., 1927-28, 26: 263-74.—CULBERTSON, C. Carcinoma of both tubes, both ovaries, and the corpus of the uterus. Am. J. Obst., 1933, 26: 906.—EUFINGER, H., & SCHWENMLER, B. Emulsionsbereitschaft des Serums beim Genitalkarzinom der Frau. Mschr. Geburtsh. Gyn., 1934, 97: 335-8.—FERGUSON, J. A. An unusual case of epidermoid carcinoma of uterus and fallopian tubes. N. England J. M., 1931, 204: 1359-62.—FUGE, K. Untersuchungen über die Magenazidität bei Frauen mit einem Genitalkarzinom. Mschr. Geburtsh. Gyn., 1934, 97: 37-43.—FUSCO, G. Cancro sperimentale dell'utero e della vagina. Arch. ostet. gin., 1932, 2. ser., 19: 315.—GAIFAMI, P. Tumori maligni della vulva e della vagina. In Tumori maligni (Vernoni, G.) Milano, 1933, 222-32.—GELSER, G. M. The precancerous lesions of the female genitalia. Med. Times, N. Y., 1933, 61: 248-60. Also repr.—HOLTER, H. V. Cancer of the body of the uterus and of the Fallopian tubes. J. Kansas M. Soc., 1939, 40: 249-51.—ISIDOR, P. Contribution à l'étude des tumeurs complexes de l'appareil génital femelle (tumeur à type de blastème génital) Gynécologie, 1936, 35: 656-79.—KECKEIS, H. Ueber die Senkungsgeschwindigkeit der roten Blutkörperchen beim Karzinome der weiblichen Genitalorgane. Med. Klin., Berl., 1932, 28: 1164-9.—KRUMMEICH, R. Ueber das Säure-Basen-Gleichgewicht beim Genitalkarzinom der Frau. Strahlentherapie, 1932, 43: 727-38.—LE LORIER, V., & ISIDOR, P. Tumeur complexe de l'appareil génital femelle (tumeur à type de blastème génital) Ann. anat. path., Par., 1936, 13: 717-28. Also Gynécologie, 1936, 35: 257-80.—MARICOT, R. Cancer du tractus génital d'un type histologique peu connu (tumeur à type de blastème génital) Bull. Soc. obst. gyn. Paris, 1936, 25: 446-9.—MASHBITZ, A., & MAZKEVICH, Ueber das Verhalten des Liquor cerebrospinalis beim Krebs der weiblichen Genitalorgane.

Zbl. Gyn., 1935, 59: 577-81.—MEISEL, A. I. [Epithelioma papillare of the genital organs in women] Vener. dermat., Moskva, 1929, 6: 83-6.—MONDAIN, C., & CAILLIAU, F. Les réactions dyskérotosiques des muqueuses vulvo-vaginales avec dégénérescence néoplasique réalisant un type d'épithélioma analogue au cancer cutané de Bowen. Bull. Ass. fr. cancer, 1923, 12: 680-5.—NEKULA, J. Ueber die Aziditätsverhältnisse bei Frauen mit Genitalkarzinom. Zbl. Gyn., 1938, 62: 2316-21.—OFFERELD, H. Multiple Primärkarzinom-anlagen im weiblichen Genitalsystem. Zschr. Geburtsh., Gyn., 1929, 95: 492-514.—SCHÄFER, G. Ueber die Klinik des Recidivs beim weiblichen Genitalkarzinom. Fortsch. Med., 1934, 52: 881-4.—SEIDEMANN, H. Primäre Vulva- und Scheidenkarzinome. Mschr. Geburtsh. Gyn., 1927, 76: 452-6.—SÆRDJUKOFF, M. G., & JEGOROFF, B. A. Ueber die Entstehung von vielfachen Venenthrombosen als allergische Reaktion des venösen Systems beim Krebs der Genitalien. Ibid., 1935, 99: 56-63.—SULYÁK, I. [Multiple primary cancer (2 cases) of the female genitals] Gyógyászat, 1939, 79: 360.—TAUSSIG, F. J. A study of the lymph glands in cancer of the cervix and cancer of the vulva. Tr. Am. Gyn. Soc. (1938) 1939, 63: 79-95. Also Am. J. Obst., 1935, 36: 819-32. Metastatic tumors of vagina and vulva. Surg. Clin. N. America, 1938, 18: 1309-14.—TRAINA, R. G. Di alcuni tumori maligni melanotici del genitali femminili. Arch. ostet. gin., 1934, 2. ser., 21: 668-81. Also Riv. ital. gin., 1934-35, 17: 261-92.—WOLFFMAN, W. Ueber die Verschleppung des Genitalkarzinoms. Med. Klin., Berl., 1937, 33: 1432-5.

Cancer: Prevention.

ARKHANGELSKY, B. A. [Social campaign against cancer of the genitals in women] Klin. med., Moskva, 1930, 8: 709-15.—BOKELMANN, O. Theorie und Praxis in der Bekämpfung des Genitalkarzinoms der Frau. Med. Welt, 1939, 13: 1164-7.—DELLE CHIAJE, S. La prophylaxie dans la lutte contre le cancer chez la femme. Gynécologie, 1935, 34: 337.—GRAVES, W. P. Early diagnosis and prophylaxis in female genital cancer. N. England J. M., 1930, 202: 1-7.—GREENWOOD, M., & LANE-CLAYTON, J. E. On the possibility of reducing the rate of mortality from cancer of the breast and cancer of the uterus. Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Epidem. State M., 23-38.—HAGEDORN, W. Statistische Feststellungen über die weiblichen Genitalkarzinome als Unterlage für die planmäßige Krebsbekämpfung; über Erfahrungen bei der bisherigen Krebsbekämpfung. Strahlentherapie, 1939, 66: 448-67.—JASCHKE, R. T. von. Der Generalangriff gegen das Karzinom der weiblichen Geschlechtsorgane (und Brüste) Fortsch. Ther., 1934, 10: 1-4.—KOCHERGINSKY, A. Z. [Problem of cancerous affections of the external genital organs in women] Omsky med. J., 1929, 4: 74-8.—LÖNNE. Wirksame Krebsbekämpfung (kritische Zusammenfassung; Vorsichtsuntersuchungen bei Genital- und Brustkarzinom; Kolposkopie) Münch. med. Wschr., 1936, 83: 1935-7. — Wirksame gesetzmässige Krebsbekämpfung und die Lehre der bisherigen sogenannten Frühsymptome des Gebärmutterhals- und Scheidenkrebses. Commun. Internat. Congr. Sc. Campaign Cancer (1936) 1937, 2. Congr., 515-7.—MACFARLANE, C. Prevention and early diagnosis of cancer of the genital tract. Week. Roster, Phila., 1938-39, 34: 1513.—SIEGMUND, H. Wie wir das Genitalkarzinom bekämpfen und uns dabei die Zusammenarbeit mit den Ärzten der Praxis vorstellen. Mitt. Volksgesundh., Wien, 1933, 19-21. — Organisation der Krebsbekämpfung an der Grazer Universitäts-Frauenklinik. Wien. klin. Wschr., 1936, 49: 609-13.—SCHRÖDER, R. Die Krebsfürsorgebestrebungen in Schleswig-Holstein. Strahlentherapie, 1930, 37: 378-85.—STÜNCER, R. Contribución a la campaña contra el cáncer de los órganos genitales de la mujer. Bol. Liga cáncer, Habana, 1931, 2: 213-23.—ZALETEL, R. P. Contribución a la campaña contra el cáncer del aparato genital de la mujer. Rev. méd. cubana, 1930, 41: 293-317.

Cancer: Treatment.

KUNICK, F. K. *Behandlungsergebnisse bei allen Sarkomen und Carcinomen des Genitalkanals mit Ausnahme der Collum- und Corpuscarcinome [Heidelberg] 40p. 8° Ostern, 1933.

LITTLE, D. L. *Die chirurgische Behandlung der bösartigen Geschwülste der weiblichen Genitalien unter besonderer Berücksichtigung der Morbidität und Mortalität nach der einfachen und nach der erweiterten (Wertheim'schen) Operation. 42p. 22 $\frac{1}{2}$ cm. Zür., 1937.

MÜLLER, W. *Die strahlenrefraktären Carcinome mit besonderer Berücksichtigung der Genitalkarzinome der Frau [München] 17p. 21cm. Würzb., 1937.

OBERT, L. *Die Ergebnisse der Krebsbehandlung der Universitätsfrauenklinik in München von 1913-32 [München] 14p. 8° Würzb., 1934.

SÜSS, K. *Ein Versuch der therapeutischen Verwendung des Präparates Fichera 365 bei

der Behandlung des weiblichen Genitalkrebses an der Universitäts-Frauenklinik zu Berlin [Berlin] 39p. 22½cm. Quakenbrück, 1938.

WÜRZBURG-MEINERS, K. *Zur Frage der Spätrezidive (Bericht über das einschlägige Krankengut der Universitäts-Frauenklinik Berlin von 1926-36) [Berlin] 28p. 23cm. Charlottenb., 1939.

ABRUZZESE, G. Le attuali direttive di terapia fisica del cancro genitale femminile a Vienna. *Rass. ostet. gin.*, 1934, 43: 87-101.—ALLEN, E. Ovarian hormones and female genital cancer. *Weck. Bull. S. Louis M. Soc.*, 1939-40, 34: 207-9.—ARCHANGUELSKY, B. Evaluation comparative des résultats des traitements du cancer des organes génitaux chez la femme par la méthode opératoire et par la roentgen-curiethérapie. *Gyn. obst.*, 1928, 17: 324-33.—BAUER, F. L. Subarachnoid injection of alcohol for the treatment of pain in genital carcinoma. *Am. J. Obst.*, 1940, 40: 278-81.—BRANDT, V. D. [Treatment of cancer in female sexual organs] *Vrach. delo*, 1927, 10: 571; 649.—BRÜCKE-TELEKY, D. Seltener Fall von Genitalkarzinom mit Heilung. *Zbl. Gyn.*, 1935, 59: 2619.—CAFFIER, P. Blutkörperchen senkungsgeschwindigkeit und Heilerfolg beim Genitalkarzinom des Weibes. *Ibid.*, 1927, 51: 390-400.—CHARBONNEL. Vulvo-colpo-hystérectomie vaginal pour cancer du vagin et cancer du corps adhérent au gros intestin. *Bull. Soc. obst. gyn. Paris*, 1929, 18: 203-6.—COUNSELLER, V. S. The surgical treatment of cancer of the generative organs of women. *Texas J. M.*, 1937-38, 33: 560-6.—D'AMANDA, C. Résumé of the 5-year clinical cures of carcinoma of the female reproductive system. *Med. Times, N. Y.*, 1932, 60: 324-8.—FELDWEIG, P. Die Behandlungserfolge der Genitalkarzinome. *Zbl. Gyn.*, 1930, 54: 779-97. — Beziehungen zwischen Histologie, Prognose und Therapie des Genitalkarzinoms. *Zschr. Geburtsh. Gyn.*, 1935, 111: 1-25.—GREENHILL, J. P., & SCHMITZ, H. E. Intraspinal (subarachnoid) injection of alcohol for pain associated with malignant conditions of the female genitalia. *J. Am. M. Ass.*, 1935, 105: 406-9.—HOED, D. den [Results in treatment of malignant tumors of the vagina, vulva and urethra] *Ned. tschr. geneesk.*, 1936, 80: 1804-12.—HOWITT, H. O. Malignant growths of the uterus and ovaries with special attention to treatment. *Canad. J. M. & S.*, 1934, 75: 75-83.—JANOTA & REČEK [Treatment of cancer of the sexual organs]. *Cas. lek. česk.*, 1937, 76: 83; 119.—LEVENSON, R. Cause di ritardo nella cura del cancro dei genitali femminili. *Ann. ostet. gin.*, 1935, 57: 875-86.—MIKULICZ-ITADECKI, F. von. Karzinombehandlung in der Gynäkologie. *Münch. med. Wschr.*, 1931, 78: 1993-9.—NATALE, P. Il veleno di ape e di vespa come analgesici nel cancro dei genitali femminili. *Tumori, Milano*, 1935, 21: 324-48. — Sulle cause di ritardo nella cura del cancro dei genitali femminili. *Arte ostet. gin.*, 1939, 53: 197-209.—NORRIS, C. C. Five-year end-results of the treatment of carcinoma of the cervix, fundus, and ovary. *Surg. Gyn. Obst.*, 1934, 58: 458.—PEŠOCHENSKY, B. S. [On the use of the phenomenon of extingisher of mitogenetic radiation in treatment of malignant tumors of the sexual organs in women] *Akush. gin.*, 1939, No. 5, 3-9.—PHILIPP, E., & GORNICK, P. Die Behandlung des Gebärmutter- und Scheidenkrebses an der Universitäts-Frauenklinik Berlin (Geh.-Rat Bumm) *Münch. med. Wschr.*, 1926, 73: 272-5.—PLATE, W. P. The results in the treatment of malignant tumours of the female sexual organs, in the gynaecological clinic of the university at Amsterdam (director, Prof. Dr A. H. M. J. Van Rooy) in the years 1923 up to and including 1931. *J. Obst. Gyn. Brit. Empire*, 1937, 44: 737-42.—REVOLTILLA, G. La terapia del cancro dei genitali femminili nel 1925. *Clin. ostet.*, 1926, 28: 438-46.—SALAZAR, P. [Surgical treatment of cancer of the female genital organs] *Orvosképzés*, 1935, 25: 365-97. Also *Zschr. Geburtsh. Gyn.*, 1934-35, 110: 290-300.—SCHREINER, B. F., & WEHR, W. H. Experience with gynecological malignancies. *Radiol. Rev.*, 1936, 58: 50-7.—SCHULZE, E. Naturheilkunde und Geschwulst vom Standpunkt des Frauenarztes. *Hippokrat. Stuttgart*, 1938, 9: 1341-5.—SEIDLER, M. T. [Operative treatment of relapses of cancer of the genital organs in women] *Polska gaz. lek.*, 1932, 12: 461.—SMITH, F. R. Palliation of cancer in gynecology. *Am. J. Roentg.*, 1938, 39: 866-70 [Discussion] 887-94.—STRAUSS, O. Ueber die Heilungsaussichten der gynäkologisch wichtigsten Krebsformen. *Mtschr. Geburtsh. Gyn.*, 1928, 79: 445-58.—SÜSSMANN, F. Zur Verringerung der Mortalität nach der Wertheimschen Karzinomoperation. *Zbl. Gyn.*, 1932, 56: 462-4.—THEILHABER, A. Zur Lehre von der Behandlung der Carcinome der weiblichen Genitalien. *Arch. Gyn., Berl.*, 1925, 125: 526-9 [Discussion] 534-45. — Die Behandlung der Krebs insbesondere der in den weiblichen Geschlechtsorganen entstandenen. *Deut. Zschr. Chir.*, 1925, 194: 91-104.—UMFRAGE über die Behandlung des Karzinoms des weiblichen Genitaltrakts. *Schweiz. med. Wschr.*, 1928, 58: 17.—WEIBEL, W. Die operative Behandlung der Carcinome des weiblichen Genitalapparates. *Med. Klin., Berl.*, 1930, 26: 117-9.—WERNER, P. Therapie des Karzinoms der weiblichen Geschlechtsorgane. *Wien. med. Wschr.*, 1932, 82: 1187-90. Also *Aerzt. Prax.*, Wien, 1933, 7: 19.

Cancer: Treatment: Radiotherapy.

DOTZEL, H. *Die Entwicklung der Radiumbehandlung des gynäkologischen Karzinoms in

den europäischen Ländern [München] 32p. 21½cm. Günzlb./Donau, 1936.

ENOCH, D. *Die Xanthoproteinreaktion bei Bestrahlung von Genitalkarzinomen der Frau [Frankfurt] 23p. 8° Darmstadt, 1933.

FANG, S. *Ueber den Ausgang der Blasen-schädigungen nach Strahlentherapie des Genitalkarzinoms. 43p. 8° Würzb., 1936.

JAHN [H.] R. *Ueber Blasen-schädigungen nach Strahlentherapie des Genitalkarzinoms [Würzburg] 39p. 21cm. Ochsenfurt a. M., 1938.

KOLLMANN, R. *Ergebnisse der Strahlenbehandlung bei Operationsrezidiven von Genitalkarzinomen, die während der Jahre 1924 bis 1929 an der Münchner Universitäts-Frauenklinik zur Beobachtung kamen [München] 22p. 8° Günzlb., 1933.

SCHÖSSLER, M. G. F. *Erfahrungen mit der intratumoralen Thorium-X-Anwendung in der Gynäkologie [Breslau] 22p. 8° Stuttg., 1928. Also *Zschr. Geburtsh. Gyn.*, 1929, 95: 138-57.

SIMON, S. Die Curie-Röntgen-therapie bösartiger Frauenleiden. 122p. 8° Lpz., 1933.

VOLTZ, F. Die Strahlenbehandlung der weiblichen Genitalkarzinome; Methoden und Ergebnisse. 206p. 8° Berl., 1930.

WINCKLER, R. *Ueber die protrahiertfraktionierte Röntgenbestrahlung beim weiblichen Genitalkarzinom [Kiel] 27p. 24cm. Berl., 1935.

ARNESON, A. N. Irradiation of malignant diseases of the female genitals. *Am. J. Obst.*, 1937, 33: 893-900.

HAUPTMAN, H. Radium needles in the treatment of carcinoma of the cervix and vagina. *South. M. J.*, 1940, 33: 286-93.

ATTILI, S. Lo stato attuale della cura con le radiazioni dei canceri dell'apparato genitale femminile. *Athena, Roma*, 1935, 4: 337-40.—BACLESSE, F. Einige Betrachtungen über die alleinige Röntgentherapie bei den fortgeschrittenen Karzinomen der Vagina und des Collum uteri. *Strahlentherapie*, 1936, 56: 189-99.—BEIGRANO, C. R. Contributo alla radium-terapia del cancro in ginecologia. *Actinoterapia, Nap.*, 1928, 7: 63-6.—BURCHARDT, H. Die Ergebnisse der Behandlung der weiblichen Genitalkarzinome an der Staatlichen Frauenklinik Dresden 1925-29. *Strahlentherapie*, 1935, 54: 377-85.

CHÉRON, H., & RUBENS-DUVAL. Valeur de la radiumthérapie des cancers utérins et vaginaux. *Arch. électr. méd.*, 1914, 24: 64-74.—DE BACKER. Radiotherapie und Fistelbildung. *Strahlentherapie*, 1927, 25: 652-6.—DELPORT, F., & CAHEN, J. Curie-thérapie du cancer des organes génitaux de la femme; contribution casuistique. *Cancer, Brux.*, 1923, 1: 28-68, 2 pl.—DEN HOED, D. [Roentgen treatment of malignant tumors of the sexual organs in women] *Ned. tschr. geneesk.*, 1935, 79: 5006-14.—DOBRYLOVSKÝ, F. [Various views on radiotherapy for cancer of the genital organs in women] *Cas. lek. česk.*, 1928, 67: 1273-7; 1310.—DÖDERLEIN, G. Der morphologische Reifegrad der Genitalkarzinome und seine Bedeutung für die Strahlenbehandlung. *Zbl. Gyn.*, 1931, 55: 968-81.—EICHLER, P. Die Abhängigkeit postoperativer Scheidenrezidive von der Technik der Nachbestrahlung. *Röntgenpraxis*, 1937, 9: 30.—ERNST, G. Die Hypophysenvorderlappenhormontherapie in Kombination mit der Strahlenbehandlung hinsichtlich ihrer Wirkung auf das Genitalkarzinom der Frau. *Strahlentherapie*, 1933, 48: 552-61.—FRANK, A. Beitrag zur Nahbestrahlungsmethode. *Ibid.*, 1937, 58: 618-22.—FRANQUE, O. von. Strahlenbehandlung der Genitalkarzinome. *Ibid.*, 1925-26, 21: 187-221.—FÜRST, W. Unsere Indikationsstellung zur Strahlentherapie bei den bösartigen Erkrankungen des weiblichen Genitale. *Schweiz. med. Wschr.*, 1926, 56: 313-21, pl.

Treatment of malignant diseases of the female sexual organs, as practiced at the Gynecologic Institute of Zürich University. *Radiology*, 1928, 11: 141-51.—GÁL, F. [Roentgenotherapy in cancer of the genital organs in women] *Orv. hetil.*, 1927, 71: 833; 866. Also *Strahlentherapie*, 1927, 27: 27-53.

Zweihundzwanzig Jahre Krebsbehandlung an der II. Universitäts-Frauenklinik in Budapest. *Radiol. Rdsch.*, 1935, 4: 215-21.—HEALY, W. P. Evaluation of radiation therapy in malignant disease of the female generative tract. *Am. J. Obst.*, 1933, 26: 789-803. Also *Radiol. Rev.*, 1934, 56: 182-90.

Experience with multiple dose roentgen therapy in malignant diseases of the uterus and ovaries. *Tr. Am. Gyn. Soc.*, 1936, 60: 311-26. Also *Am. J. Obst.*, 1935, 30: 613-24.—HEYMAN, J. Die Strahlentherapie als vollständiger oder teilweiser Ersatz der Operation bei der Behandlung von Karzinomen des Uterus, der Vagina und der Ovarien. *Strahlentherapie*, 1930, 37: 254-65.

Experiences with radiological treatment of cancer of the uterus and the ovaries. *Acta radiol.*, Stockh., 1932, 13: 329-32.—IAKOVLEV, I. I., & PETROV, V. A. [Investigation of adaptation in treatment of cancer of the genital organs with radium] *Akush. gin.*, 1938, No. 4, 67.—

Ikeda, Y. Praktische Ergebnisse der Radiumbehandlung bei weiblichem Genitalkrebs. *Zbl. Gyn.*, 1927, 51: 407-12.

— **Ikeda, K.** Ueber die Ergebnisse der ausschliesslichen Radiumbehandlung bei weiblichen Genitalkarzinomen. *Ibid.*, 1933, 57: 1651-5.

— **Zehn-** bis achtzehnjährige Ergebnisse der ausschliesslichen Radiumbehandlung bei weiblichen Genitalkarzinomen. *Radiol. Rdsch.*, 1933, 2: 19.

— **Kálmán, J.** Ueber das Verhalten des weissen Blutbildes nach Radiumbestrahlung weiblicher Genitalkarzinome. *Zbl. Gyn.*, 1930, 54: 1357-66.

— **Kaplan, I. I.** Radiation therapy in gynecologic malignancy. *Am. J. Obst.*, 1933, 25: 368-73.

— **Kirchhoff, H.** Weitere Erfahrungen mit der protrahiert-fraktionierten Bestrahlung beim weiblichen Genitalkarzinom. *Strahlentherapie*, 1935, 53: 193-201.

— **Der heutige Stand der Strahlenbehandlung der weiblichen Genitalkarzinome.** *Zbl. Gyn.*, 1938, 62: 592.

— **Winckler, R.** Ueber die protrahiert-fraktionierte Röntgenbestrahlung beim weiblichen Genitalkarzinom. *Strahlentherapie*, 1933, 47: 601-26.

— **Klaus, K.** [Effect of roentgen rays and radium in treatment of cancer of the genital organs in women] *Sborn. lék.*, 1930, 32: 1-17.

— **Lebedev-Schmidhof, I. M., & Rogovenko, S. S.** [Ambulatory roentgenotherapy of malignant tumors of the genital organs in women] *Sovet. med.*, 1937, No. 7, 21.

— **Levitin, B. A.** [Immediate results of roentgenotherapy following operation for cancer of the uterus and ovaries] *Akush. gin.*, 1938, No. 12, 28-31.

— **Moran, H. M.** The combined radiation treatment in pelvic cancer. *Med. J. Australia*, 1933, 1: 647-52.

— **Mühlmann.** Beobachtungen über Röntgen- und Radiumtherapie in Verbindung mit Traubenzuckerinjektion. *Fortschr. Röntgenstrahl.*, 1927, 36. Kongr. [Beih.] 66-8.

— **Nemenov, M. I., & Hovetelnova, E. R.** [Roentgen- and radiotherapy of cancer of female sexual sphere] *Vrach. delo*, 1926, 9: 1265-72.

— **Nowotjelnowa, E.** Zur Behandlung des Karzinoms der weiblichen Geschlechtsorgane mit Radium und Röntgenstrahlen. *Ann. roentg.*, Pétersbourg, 1922, 1: 205-12.

— **Philipp, E.** Statistik der Karzinome des Collum uteri und der Vagina aus den Jahren 1923-25, mit kritischen Bemerkungen zur Therapie. *Strahlentherapie*, 1932, 43: 102-25.

— **Pickhan, A.** Beeinflussung des Heilungsvorganges bei der Strahlentherapie der Krebse des weiblichen Genitaltraktes durch Bekämpfung der Entzündung mittels antiseptischer Mittel (Chloramin) *Röntgenpraxis*, 1931, 3: 951-3.

— **Zur Methodik der Strahlenbehandlung der weiblichen Genitalkrebse.** *Zbl. Gyn.*, 1931, 55: 3180-4.

— **Reisach, A.** Bericht über die Ergebnisse der von 1917-27 operierten und strahlenbehandelten Genitalkarzinome und über einen geheilten Fall von Traubensarkom beim Kinde. *Strahlentherapie*, 1930, 37: 341-8.

— **Revoltella, G.** Ricerche ematologiche nei casi di cancro dei genitali femminili prima e dopo la attinoterapia. *Pol. gyn.*, Pavia, 1928, 25: 197-236, pl.

— **Saidi, J.** [Effect of roentgenotherapy in carcinoma of the genital organs in women] *Cas. lék. česk.*, 1930, 69: 1261; 1295; 1326; 1353.

— **Schäfer, G.** Die Stellung der intravenösen Mesothortherapie in der Reihe der Heilfaktoren beim weiblichen Genitalkarzinom. *Zbl. Gyn.*, 1932, 56: 1882-6.

— **Schreiner, B. F., & Simpson, B. T.** Radium, X-rays and electrocoagulation in the treatment of epithelioma of the vulva and clitoris. *Arch. Clin. Cancer Res.*, 1925, 1: 45-50.

— **Schröder, R.** Ueber die ersten Erfahrungen mit der nach Coutard geübten intensiv-Röntgenbehandlung bei weiblichen Genitalkarzinomen. *Strahlentherapie*, 1931, 41: 67-72.

— **Jakobi, H.** Eine vorläufige Bilanz der protrahiert-fraktionierten Röntgenbestrahlung des weiblichen Genitalkarzinoms. *Zbl. Gyn.*, 1933, 57: 179; 1794-801.

— **Schröder, R., & Kirchhoff, H.** Ueber Coutardbestrahlungen beim weiblichen Genitalkarzinom. *Verh. Deut. Röntg. Ges.*, 1933, 26: 90.

— **Schubert, E. von.** Nuevos métodos de irradiación del carcinoma genital femenino. *Dia méd.*, B. Air., 1938, 10: 513-5.

— **Simon, S.** Dauerergebnisse der Strahlenbehandlung von Karzinomen des weiblichen Genitales. *Zbl. Gyn.*, 1935, 59: 11-9.

— **Timpano, M.** Primi risultati della röntgenoterapia a dosi frazionate e protratte nei tumori maligni dei genitali femminili. *Radiol. med.*, Milano, 1936, 23: 673-86.

— **Vidaković, S.** Röntgen- und Radiumbehandlung maligner Geschwülste der weiblichen Genitalorgane und ihre Komplikationen. *Strahlentherapie*, 1934, 51: 300-4.

— **Voltz, F.** Die unterstützenden Methoden der Strahlenbehandlung der weiblichen Genitalkarzinome. *Ibid.*, 1930, 36: 51-63.

— **Die Bedeutung des Radiums für die Behandlung der weiblichen Genitalkarzinome.** *Ber. ges. Gyn.*, 1934, 26: 225-40.

— **Weibel, W.** Die Rolle der Strahlentherapie bei den Genitalkrebsen des Weibes. *Wien. klin. Wschr.*, 1932, 45: 6-8.

— **I risultati ottenuti con le irradiazioni a contatto secondo Schaefer-Witte nei carcinomi dell'apparato genitale muliebre.** *Arch. radiol.*, Nap., 1937, 13: 72.

— **Ergebnisse der Kontaktbestrahlung nach Schaefer-Witte bei Karzinom der Frauengorgane.** *Fortsch. Röntgenstrahl.*, 1937, 56: 170 [Discussion] 174-81.

— **Also Strahlentherapie, 1937, 58: 609.**

— **Witte, E.** La roentgenoterapia intravaginal supplementaria con el tubo intracavitario de los carcinomas ginecológicos; Schaefer y Witte. *Rev. méd. germ. ibér. amer.*, 1938, 11: 427-31.

— **Wittenbeck, F.** Die Bestrahlungsmethoden der Erlanger Frauenklinik bei der Röntgentherapie der weiblichen Genitalkarzinome. *Strahlentherapie*, 1934, 50: 399-427.

— **Correlation with other organs.**

— **See also subheading Endocrine aspect.**

— **Aprile, V.** Contributo allo studio dei rapporti fisiopatologici tra sfera sessuale femminile e prime vie respiratorie. *Valsalva*,

1932, 780.—**Hornung, R.** Beitrag zu den Beziehungen zwischen Appendix und Genitale. *Zbl. Gyn.*, 1928, 52: 1630-4.

— **Leon, J.** Las relaciones nerviosas entre los genitales y las mamas. *Sem. méd.*, B. Air., 1927, 34: pt 2, 82-92.

— **Leszczynski-Lwów, R. von.** Ueber den Einfluss der weiblichen Geschlechtsorgane auf das retikulo-endotheliale System der Haut. *Derm. Wschr.*, 1935, 101: 1109-17.

— **Recasens, S.** Relaciones entre el aparato genital femenino y el funcionalismo digestivo. *Progr. clin.*, Madr., 1926, 34: 30-8.

— **Váry, G.** [Relation of function of the sexual organs to the skin, in women] *Budapesti orv. ujs.*, 1930, 28: 228-31.

— **Cyst.**

— **Behring, H. von.** Ueber das Wesen und die Aetiologie cystischer hyperplastischer Drüsenveränderungen der weiblichen Generationsorgane, einschliesslich der sogenannten Endometriosen. *Zbl. Gyn.*, 1931, 55: 2657-69.

— **Galewsky.** Syringo-cystadenom der weiblichen Genitalien. *Arch. Derm. Syph.*, Berl., 1926, 151: 365-9.

— **Hochloff, A. W.** Differentialdiagnostik von cystösen Tumoren des weiblichen Geschlechtsapparates am Eintrocknungsbild. *Zbl. Gyn.*, 1935, 59: 321-3.

— **Kolloid-chemische Untersuchungen am flüssigen Inhalt von cystösen Bildungen des weiblichen Genitalapparates.** *Ibid.*, 1932, 56: 1592-600.

— **Klein, C. U. von.** Selten grosse, geborene Cyste des Sinus urogenitalis. *Ibid.*, 1928, 52: 1791.

— **Müller, J. H.** Les nodules et kystes paramalpighiens à la surface de l'ovaire, de la trompe et du ligament large. *Ann. anat. path.*, Par., 1934, 11: 483-98.

— **Ottow, B.** Eine kongenitale Cyste paraurethraler (prostatomologer) Entstehung beim Neugeborenen, sowie über kongenitale Vestibulumcysten im allgemeinen. *Zbl. Gyn.*, 1926, 50: 1170-5.

— **Schalzy, L. G.** Einige chemische Besonderheiten des Inhaltes verschiedener sackartiger Bildungen des weiblichen Genitalsystems. *Arch. Gyn.*, Berl., 1929-30, 139: 614-23.

— **Schalzy, L. G.** [Chemical properties in the contents of various cysts of the genital tract in women] *J. akush.*, 1929, 40: 343-53.

— **Zalewski, E. von.** Ueber die Zystenbildungen im Gebiete des weiblichen Genitaltraktes. *Zschr. Geburtsh. Gyn.*, 1928-29, 94: 808-28.

— **Deformity, and mutilation.**

— **See also subheading Injury; also Castration; Infibulation.**

— **Harden, A. S.** An unusual case of mayhem; mutilation of external genitalia by angry paramour. *Am. J. Surg.*, 1935, 29: 453.

— **Vassal, J.** Une mutilation des organes génitaux des femmes noires Banda. *Presse méd.*, 1925, 33: 1275-8.

— **Dermoid, and teratoma.**

— **Delagénère, Y.** Kystes dermoïdes bilatéraux des ovaires; fibromes utérins multiples et grossesses antérieures. *Ann. anat. path.*, Par., 1926, 3: 872.

— **Guizzardi, A.** Di due cisti dermoidee; una dell'ovaia destra, l'altra del legamento largo sinistro. *Ann. ostet. gin.*, 1899, 21: 437-44.

— **Tatishvili, I. Y.** [Teratomas of genital organs in women with description of cases] *J. akush.*, 1930, 41: 568-76.

— **Discharge.**

— **See also Leukorrhea; Lochia; Menstruation, &c.**

— **RUNGE, H.** Blutung und Fluor; mit einem Vorwort von Robert Schröder. 108p. 8°

Dresd., 1930.

— **Benthin.** Die Indikationsstellung bei genitalen Ausflüssen. *Med. Klin.*, Berl., 1926, 22: 1725-7.

— **Die Erkennung der Ursachen genitalen Ausflusses.** *Ibid.*, 1929, 25: 1651-4.

— **Iribarne, J.** Flujo; secreciones genitales. *Dia méd.*, B. Air., 1930-31, 3: 923.

— **Disease.**

— **See also subheading Infection; also names of female genital parts as Clitoris; Endometrium, &c.**

— **BÉGOUIN, P., & PAPIN, F.** Maladies de l'appareil génital de la femme. p.817-1276.

4°. Par., 1938.

— **In Précis path. chir.** (P. Begouin, H. Bourgeois [et al.]) 6. éd., Par., 1938, 5:

— **FRANK, R. T.** Gynecological and obstetrical pathology; including chapters on the normal histology and the physiology of the female genital tract, and the peritoneum. 2. ed. 547p. 8°

N. Y., 1931.

— **FRANKL, O., KAUFMANN, K.** [et al.] Weibliche Geschlechtsorgane. 1. Teil: Uterus und Tuben. 931p. 8°

Berl., 1930.

— **JASCHKE, R. T. von.** Krankheiten der Ovarien Tuben, Ligamente des Uterus und Beckenbindegewebe, Bauchfell. 57p. 8°

Lpz., 1921.

— **In Diagn. & ther. Irrtüm. Frauenheilk.** (Abt. Gyn.) Lpz., 1921, H. 3.

MOULONGUET, P., & DOBKEVITCH, S. Lésions de l'utérus (non gravidé) et des annexes. p.81-238. 8° Par., 1931.

In Diagn. anat. clin. (Lecène, P.) Par., 1931, 2: 1. pt

— Appareil génital de la femme. 2v. 284p; 379p. 8° Par., 1931-32.

PATEL, J. Maladies de l'appareil génital de la femme. p.399-474. 8° Par., 1937.

In Précis diagn. chir. (Lenormant, C.) Par., 1937, 2: 399-474.

STONE, E. L. Diseases and malformation of the external genitalia. p.607-48. 8° N. Y., 1934.

In Pract. Libr. M. & S. (Appleton) N. Y., 1934, 6:

VIERGUTZ, B. *Das Endothelsymptom in der weiblichen Sexualsphäre. 15p. 21cm. Rost., 1937.

WINCKEL, F. Die Pathologie der weiblichen Sexualorgane. 439p. 27½cm. Lpz., 1881.

Adamo, M. Una equivoca lesione dei genitali femminili. Clin. ostet., 1939, 41: 522-7.—Bonafos, M., & Lafont, E. Existence de multiples affections génitales chez une mauresque. Bull. Soc. obst. gyn. Paris, 1936, 25: 134.—Clauberg, C. Einige seltenere gynäkologische Affektionen bei Kindern und Jungmädchen. Deut. med. Wschr., 1935, 61: 1668-70.—Gal, F. [Diagnostics and therapy of the female genital organs] Orvosképzés, 1936, 26: jun. különf., 92 100.—Hegedüs, B. [Material for the last 10 years on extra-uterine diseases of female genitals] Gyógyászat, 1929, 68: 688-90.—Jayle, F., & Jayle, G. E. Etude pathologique des phénomènes douloureux d'origine génitale basée sur les notions anatomiques. Rev. fr. gyn. obst., 1933, 28: 430-48.—Keyser, L. D. Clinical pathology as applied to pelvic diseases. Virginia M. Month., 1925-26, 52: 715-20.—Knierer, W. Lichen ruber verrucosus et hypertrophicus und Lichen obtusus am weiblichen Genitale unter dem Bilde von syphilitischen Papeln. Derm. Zschr., 1937, 75: 279-82.—Korobizin, K. J. Ueber die Labilität der Blutkolloide bei Erkrankungen der weiblichen Genitalsphäre. Mschr. Geburtsh. Gyn., 1936, 103: 243-55.—Manco Pastorino, V. Contributo per la conoscenza delle dermatosi vegetanti dei genitali femminili. Arch. ital. dermat., 1934, 10: 91-110.—Sannicandro, G. Alcuni dati di patologia genitale della donna giovane. Clin. ostet., 1939, 41: 371: 470.—Strongin, H. F. Common female pelvic pathology; with comment on means of treatment. Med. J. & Rec., 1928, 128: 412.—Tausig, F. J. The female reproductive system. In Pract. Pediat. (Brennemann, J.) Hagerstown, 1937, 3: chap. 31, 29.—Tsumijura, T. Ueber die Fette des weiblichen Geschlechtsapparates; über Verteilung und Mengenverhältnis derselben bei verschiedenen Krankheiten. Tr. Soc. path. jap., 1936, 26: 159-61.—Washburn, N. R. Extensive destruction of genital tract. Am. J. Obst., 1933, 25: 606.—White, N. Vulva and vagina; diseases. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, 12: 606-14.—Wilson, T. Authority and scepticism in midwifery and diseases of women. J. Obst. Gyn. Brit. Empire, 1925, 32: 534-44.

— Disease: Complication.

LACOURIE, J. H. *Troubles de la erase sanguine au cours de quelques affections gynécologiques. 56p. 24cm. Par., 1938.

Grampa, B. Sulla cura dei disturbi nervosi, secondari a malattie dell'apparato genitale femminile. Arte ostet., 1934, 48: 393-7.—Manoilov, N. G. [Gastralgic pains in affections of the genital organs in women] Sovet. vrach. J., 1936, 1: 668-71.—Meyer, R. Ueber Befunde von Knorpel und Knochen im Bereiche der weiblichen Geschlechtsorgane, insbesondere über intraperitonealen Knorpel in Verwachungsmembranen an den Adnecen. Virchows Arch., 1930, 275: 738-64.—Orsini, A. Sopra un caso di associazione morbosa dei genitali. Arch. ostet. gin., 1927, 2. ser., 14: 271.—Plaschkes, S. Beziehungen der Cholelithiasis zu Myom und Ovarerkrankung. Wien. klin. Wschr., 1930, 43: 654.—Poor, F. Durch Funktionsstörungen des weiblichen Genitalsystems hervorgerufene Hauterkrankungen. Derm. Wschr., 1926, 82: 293-8.—Roxo, H. Perturbações nervosas e mentaes que se observam nas doengas do utero e dos ovarios. Tribuna med., Rio, 1928, 32: 205-8.—Thilliez, L. Troubles fonctionnels oculaires dans les affections génitales chez la femme. Rev. fr. gyn. obst., 1933, 28: 77-9.—Wood, P. H. The relationship of cranial symptoms to gynecological disease. South. M. J., 1932, 25: 1046-9.

— Disease: Diagnosis.

LECÈNE, P. Les diagnostics anatomo-cliniques de P. Lecène, recueillis par ses élèves. 3v. 8° Par., 1930-32.

Adeodato, J. A dor na esphera genital. Brasil med., 1928, 42: 1175-81.—Antoine, T. Diagnostik und Therapie der Erkrankungen der Vulva und der Vagina. Aerzt. Prax., Wien, 1934, 8: 263-6. Also Wien. klin. Wschr., 1934, 47: 370-2.—Bárony, E. Ricerche sull'attività genetica femminile; genocutirazione. Minerva med., Tor., 1938, 29: 439-44.

Carles, J. Les utéro-ovariennes camouflées. J. méd. Bordeaux, 1939, 116: pt 2, 77-86.—Kraul, L. Gynäkologische Diagnose und Therapie in Fällen mit beträchtlichen subjektiven Beschwerden und negativem oder unklarem Tastbefund. Wien. klin. Wschr., 1932, 45: 363-8.—Pagani, O. Sul valore dell'esame radiologico per la interpretazione di particolari sindromi genitali nella donna. Osp. maggiore Novara, 1936, 13: 331-6.—Paroli, G. Il dolore nel campo genitale interno femminile. Arch. ostet. gin., 1933, 2. ser., 20: 593-605.—Schebat & Ezes. Deux nouveaux cas de douleur tardive élevée. Bull. Soc. obst. gyn. Paris, 1933, 22: 350.—Strobl, F. [Leucemic changes of female genitals resembling malignant growth] Orv. hetil., 1932, 76: 321-3.—Taddei, D. Sindrome pseudocolicistica in donne con affezione dei genitali. Ann. ital. chir., 1932, 11: 9-15.

— Disease, endocrine.

Cesaldo. Errónea interpretación endocrina de algunas ginecopatías. Siglo méd., 1924, 73: 520-2.—Cosbie, W. G. The use of endocrine preparations in sexual dysfunctions. Univ. Toronto M. J., 1933, 10: 113-7.—Herschan, O., Geller, F. C. [et al.] Die klinische Pathologie der weiblichen Geschlechtsorgane im Rahmen der endokrinen Störungen. In Handb. inn. Sekret. (Hirsch) Lpz., 1928, 3: 1. Hälfte, 395.—Migliavacca, A. Recenti criteri direttivi nella terapia delle endocrinopatie genitali della donna. Rass. clin. sc., 1938, 16: 453-61.—Ootsuka, Y., & Sameshima, Y. Ueber die endokrine Funktionsstörung und die Schwankung der Fettablagerung im Uterus und in der Vaginalwand. Tr. Soc. path. jap., 1935, 25: 634-6.—Peralta Ramos, A., Scheingart, M., & Uryson, I. C. de. Los factores endócrinos en los trastornos genitales de la mujer. Prensa méd. argent., 1938, 25: 805-9.—Scheingart, M. La fisiopatología de los trastornos genitales endócrinos de la mujer y sus fundamentos terapéuticos. Día méd., B. Air., 1931-32, 4: 911-3.—Seitz, L. Ueber den Einfluss der inneren Sekretion auf Entwicklung und Erkrankung der weiblichen Sexualsphäre und über Hormontherapie gynäkologischer Störungen. Mschr. Geburtsh. Gyn., 1930, 84: 79-90. Also Münch. med. Wschr., 1930, 77: 133-6.—Siebert, F. Erfahrungen und Ergebnisse mit der Hormonbehandlung weiblicher Genitalstörungen. Zschr. Geburtsh. Gyn., 1933-34, 107: 117-57. — Kritische Gedanken zur Hormontherapie weiblicher Genitalstörungen. Arch. Gyn., Berl., 1938, 166: 226-30 [Discussion] 242-52.—Spoto, P. Lo studio quantitativo della eliminazione delle sostanze gonadotrope urinarie nella valutazione di manifestazioni fisiopatologiche dell'attività sessuale femminile. Ginecologia, Tor., 1936, 2: 553, 645.

— Disease: Etiology.

HEIMLICH, H. *Sitzende Berufstätigkeit und Erkrankungen der weiblichen Geschlechtsorgane [Breslau] 24p. 8° Gütersloh, 1934.

MOULONGUET, P. Les lésions dystrophiques des ovaires et de l'utérus. p.5-60. 8° Par., 1932.

In Diagn. anat. clin. (Lecène, P.) Par., 1932, 2 pt.

TSCHECHE, W. *Veränderungen am weiblichen Genitale bei der Aleukia hämorrhagica. 30p. 8° Gött., 1933.

VIGNES, H. Maladies des femmes enceintes; affections des muqueuses génitales. 125p. 25cm. Par., 1937.

Bonafonte, M. Relación de las afecciones nerviosas con las alteraciones de los órganos genitales femeninos. Rev. españ. med. cir., 1934, 17: 58-66.—Decio, C. Costituzione organiche e malattie ginecologiche. Clin. ostet., 1926, 28: 41-5. Also Riforma med., 1926, 42: 90.—Fekete, A. Erkrankungen der Geschlechtsorgane infolge weiblicher Berufsarbeit. Zbl. Gyn., 1928, 52: 3138-42.—Fink, K. Ueber einige Beziehungen zwischen Magen-Darmkrankheiten und den weiblichen Geschlechtsorganen. Med. Klin., Berl., 1939, 35: 1480-2.—Léo, G. Notes sur le parasitisme en gynécologie. Rev. fr. gyn. obst., 1933, 28: 834-48.—Lisi, F. I genitali delle bambine prepuberi nelle malattie generali. Ann. ostet. gin., 1931, 53: 455-68.—Navarro Blanco. Influencias reciprocas entre las enfermedades del aparato respiratorio y los órganos generadores femeninos. Med. ibera, 1935, 29: 774-6.—Nubiola, P. Ginecología conubial. Ibid., 1933, 27: 393.—Palmieri, V. M. Sulla frequenza dei disturbi della sfera genitale tra le donne che lavorano. Difesa sociale, 1930, 9: 443-8.—Peralta Ramos, A., Scheingart, M., & Uryson, I. C. de. Los factores nutritivos en los trastornos genitales de la mujer. Prensa méd. argent., 1939, 26: 189-92.—Schultze, K. W. Darm und Genitale, Bericht über einige diagnostisch schwierige Fälle. Zschr. Geburtsh. Gyn., 1936, 113: 21-31.—Siredey, A. L'automobile et les affections génitales de la femme. J. méd. chir. prat., Par., 1925, 96: 692-701.—Stepowski, B. [Affections of the sexual organs in women as a social problem] Gin. polska, 1938, 17: 37-49.—Tolmazov, S. M. [Etiology of diseases of female genital organs] Russ. Klin., 1925, 4: 939-43.—Vignes, H. Les troubles consécutifs à la castration ovarienne, à l'hystérectomie et à l'insuffisance de l'écoulement menstruel. Rev. crit. path., Par., 1930, 2: 63-79.—Walscheid, A. J. Reciprocal relations between diseases of the alimentary and female genital systems. Am. J. Obst., 1929, 17: 104-9.

Disease, functional.

See also subheading Neurosis.

COTTE, G. Les troubles fonctionnels de l'appareil génital de la femme; étude physiologique, clinique et thérapeutique. 570p. 8° Par., 1928.

WALTHARD, M. Die Beziehungen des Nervensystems zu den normalen Betriebsabläufen und zu den funktionellen Störungen im weiblichen Genitale. 460p. roy. 8° Münch., 1937.

Benthin. Ist die lokale Behandlung bei inkretorischen beziehungsweise konstitutionellen Genitalanomalien entbehrlich? Deut. med. Wschr., 1926, 52: 821-3.—Cotte, G. Sur le rôle sympathique dans les troubles fonctionnels de l'appareil génital de la femme; déductions thérapeutiques. Presse therm. clim., 1928, 69: 281-91. Also Rev. fr. gyn. obst., 1928, 23: 475-98.—Fagioli, M. Di alcune indagini radiografiche sul cranio di donne con disfunzione dell'apparato genitale. Ginecologia, Tor., 1935, 1: 625-49.—Gál, F. Ueber die Veränderungen des Grundumsatzes und des vegetativen Nervensystems bei den Funktionsanomalien der weiblichen Geschlechtsorgane und ihre Röntgenbehandlung. Strahlentherapie, 1931, 41: 559-600.—Geller, F. C. Sexuelle und sexogene Funktionsstörungen des Weibes. In Handb. inn. Sekret. (Hirsch) Lpz., 1928, 3: 1. Hälfte, 437-82.—Gucci, G. La chirurgia nervosa nei disturbi funzionali della sfera genitale femminile. Ann. ital. chir., 1931, 10: 754-8.—Landeker, A. Die Bedeutung der kombinierten Organ- und Strahlen-Therapie für die genitelen Funktionsstörungen der Frau. Fortsch. Ther., 1925, 1: 780-3.—Mansfeld, O. [Functional disorders of the genital organs in women] Gyógyászat, 1929, 68: 62-5.—Meier, U. M. Ueber die Resektion des Plexus hypogastricus superior zur Bekämpfung von funktionellen Störungen im kleinen Becken der Frau. Schweiz. med. Wschr., 1932, 62: 989-3.—Randall, L. M. Disturbances of genital physiology among women. Texas J. M., 1936-37, 32: 474-82.—Rowlett, W. M. Functional disturbances of the genital system. South. M. & S., 1939, 101: 427-30.—Te Linde, R. W. Disturbance of function. In Pract. Libr. M. & S. (Appleton) N. Y., 1934, 6: 789-812.

Disease: Treatment.

See also Gynecology, Therapeutics.

Burlakov, I. G. [Local immunization in gynecological diseases] Vrach. delo, 1925, 8: 986.—Derchinsky, G. D. [Hypertonic solution of NaCl in treatment of certain forms of affection of the uterine cervix and vagina] Akush. gin., 1938, No. 4, 87-91.—Gutzmann. Metriol, ein neues Mittel zur Vaginalbehandlung des Fluors und anderer Erkrankungen des weiblichen Genitalapparates. Fortsch. Med., 1925, 43: 206.—Heimann, F. Die Strahlentherapie bei gutartigen Erkrankungen der weiblichen Sexualorgane; ein Fortbildungsvortrag. Strahlentherapie, 1929, 33: 760-9.—Kalinin, A. M., & Vershilova, P. A. [Dissociation of B. vaginalis and its significance in treatment and prevention of diseases of the genital organs in women] Sovet. vrach. gaz., 1933, 37: 609-18.—Kurz, A. La terapia nelle affezioni ginecologiche ed i bagni di mare. Pensiero med., 1925, 14: 432-448.—Kuschaltow, N. J. Behandlung gynäkologischer Erkrankungen mit konzentrierten Gasen durch die Scheide. Zbl. Gyn., 1937, 61: 2751-3.—Learnmonth, J. R., Montgomery, H., & Counseller, V. S. Resection of sensory nerves of perineum in certain irritative conditions of the external genitalia. Arch. Surg., 1933, 26: 50-63. Also repr.—Lewentz, M. [Roentgentherapy of benign affections of the genital apparatus of women] Warsz. czas. lek., 1939, 16: 227-30.—Minutilla, S. La cura dei bagni marini nelle affezioni croniche degli organi sessuali femminili. Verh. Internat. Kongr. Sexforsch., 1927, 1. Congr., 2: 150-4.—Paroli, G. La douleur des organes génitaux internes de la femme et les effets de la novocaïnisation des zones de Head. Rev. fr. gyn. obst., 1933, 28: 764-70.—Perets, V. G., Bunimovich, E. A. [et al.] [Application of protracted pharmacological sleep in diseases of the genital organs in women] Akush. gin., 1938, 10: 20-3.—Sheridan, W. M. Value of X-rays and radium in treatment of menorrhagia and fibroids. J. S. Carolina M. Ass., 1925, 21: 290-2.—Soós, Z. [Diathermy in the treatment of diseases of the genital organs of women] Orv. hetil., 1926, 70: 33-5.—Stefanovich, K. K. [Mud-baths in diseases of the genital organs in women] Klin. med., Moskva, 1925, 6: 43-6.—Treber, H. Heilätzwirkung durch Salizylsäure; eine neue therapeutische Verwertung der Salizylsäure zur lokalen Behandlung der weiblichen Sexualorgane auf Grund des Spumanprinzips. Münch. med. Wschr., 1930, 77: 146.—Vignes, H. Ce qu'on peut demander au massage et à la gymnastique dans le traitement conservateur des affections gynécologiques. Bull. gén. théor., 1925, 176: 411-6.

Disease—in animals.

Erismann, H. Ueber Pathologie und Therapie der Genitalkrankheiten des weiblichen Rindes. Schweiz. Arch. Tierh., 1934, 76: 335-56.—Holtebrinck, H. Zystöse Degeneration der Ovarien und Uterindrüsen einer Hündin. Deut. tierärztl. Wschr., 1925, 33: 369.—Mitchell, W. McG. The genital passage of the bitch in health and disease. Vet. Rec., Lond.,

1937, 17: 71-80.—Voloskov, P. A. [Etiology and treatment of affections of the genital apparatus of mares] Sovet. vct., 1939, 16: No. 3, 100-6.

Displacement.

See also subheadings Hernia; Prolapse.

JASCHKE, R. T. von. Lage- und Bewegungsanomalien des weiblichen Genitalapparates. p.697-992. Münch., 1929.

Bonney, V. Genital displacements. Brit. M. J., 1928, 1: 431-3. Also N. Zealand M. J., 1928-29, 27: 127-34.—Chavance, J. Importance des artères vaginales dans le diagnostic des torsions génitales de la vache. Rec. méd. vét., 1935, 111: 204-7.—Elkin, M. V. [Prevention of displacement of the vagina and uterus] Sovet. med., 1940, No. 9, 19-22.—Haeff, M. H. P. P. van [Constitutional factor in production of displacements of female genitalia with special regard to vaginal dilatation] Ned. mschr. geneesk., 1927-28, 14: 653-66.—Hentz, V. G. Displacement of female genital organs and their repair. Am. J. Surg., 1931, n. ser., 13: 248-50.—Kosiński, M. [Operative treatment of displacement of the sexual organs] Polska gaz. lek., 1938, 17: 802-5.—Reifferscheid, K., & Kaboth, G. Ueber die Lageveränderungen der weiblichen Genitalien. Beihefte Med. Klin., 1925, 21: 85-106.—Silin, P. I. [Obstetrical model for study of displacement of uterus and vagina] Akush. gin., 1938, No. 4, 112.

Dystrophy, hypoplasia, and infantilism.

See also Dwarfism, Infantilism; Dystrophy [adiposogenital] Pituitary, Disease.

LEUCHT, R. *Ueber die Zunahme der weiblichen Genitalhypoplasie als Spätfolge der Kriegsernährung [Heidelberg] 16p. 21cm. Speyer a. Rh., 1938.

SCHOLZ, J. *Einfluss der Hungerjahre des Weltkrieges auf die Entwicklung des weiblichen Genitale [Breslau] 13p. 21cm. Ohlau, 1934.

STOBER, H. *Ueber die Behandlungserfolge beim weiblichen Hypogonitalismus. 36p. 8° Bresl., 1935.

TÜCKING, M. *Genitale Hypoplasie und allgemeiner Körperbau. 48p. 8° Marb., 1930.

Alesker, T. A., Zlatopolskaia, M. V., & Korablev, F. V. [Under development of sexual organs in women textile workers and tramway conductresses] Mosk. med. J., 1927, 7: 45-53.—Bokelmann, O. Zur Frage der Aetiologie des Hypogonitalismus beim Weibe. Med. Welt, 1936, 10: 771-4.—Cenni, G. L'iplosia utero-ovarica. Med. prat., Nap., 1927, 12: 403-21.—Galant, J. S. Ueber einen Fall von Hypogonitalismus. Virchows Arch., 1928, 267: 648-53.—Galdi, F. Ipoevolutismo genitico con sindrome bantiana, anemia a tendenza ipromico-emolitica, pericardite subcronica e probabile persistenza del dotto di Botallo. Athenae, Roma, 1940, 9: 100-10.—Gusso, A. Contributo allo studio dell'individualità di donne affette da talune forme di ipogonitalismo; considerazioni generali; analisi antropometriche; osservazioni radiologiche sulla morfologia del cuore. Endocr. pat. cost., Bologna, 1929, n. ser., 4: 138-63, ch. 1.—Sistema neuro-vegetativo; sistema endocrino. Ibid., 258-79.—Katz, H. Infantilismus und Sterilität. Mitt. Volksgesamt., Wien, 1930, Aerztl. Prax., 39.—Kleine, H. O. Untersuchungen über die Entstehung der weiblichen Genitalhypoplasie. Arch. Gyn., Berl., 1933, 166: 208-10 [Discussion] 242-52.—Klöppner, K. Ueber Menstruationsstörungen beim genitalen Infantilismus nebst Bemerkungen über die Hypoplasiehäufigkeit an der Tübinger Frauenklinik. Münch. med. Wschr., 1938, 85: 1060-2.—Küstner, H. Hypoplasie der weiblichen Genitalien durch Unterernährung in den Entwicklungsjahren. Mschr. Geburtsh. Gyn., 1926, 75: 257-60.—Manzi, L. A proposito di un frequente reperto nelle ipoplasie della sfera genitale: la retrazione del fornice e del parametrio di sinistra. Clin. ostet., 1933, 35: 698.—Mauz, F. Hypoplasie und Seelenleben. Arch. Gyn., Berl., 1928, 135: 98-101.—Meaker, S. R. Studies of female genital hypoplasia; a preliminary survey of the problems involved. J. Am. M. Ass., 1930, 95: 468-70. Also repr. Also J. Obst. Gyn. Brit. Empire, 1940, 47: 40-8.—Naujoks, H. Untersuchungen an Frauen mit genitaler Hypoplasie. Arch. Gyn., Berl., 1928, 135: 58-97.—Serdukov, L. Hypogonitalismus. Progr. méd., Par., 1929, 44: 901-5.—Sippel, P. Die verschiedenen Grade des weiblichen Hypogonitalismus und die Möglichkeit ihrer therapeutischen Beeinflussung. Zbl. Gyn., 1927, 51: 1725-30.—Sullivan, R. Y. The hypoplastic tendency in gynecology. Virginia M. Month., 1926-27, 53: 516-9.—Tronci, L. Infantilismo femminile e aplasia ovarica. Riv. ital. gin., 1938, 21: 627-55.—Velde, T. H. van de [Medical examination before marriage with reference to infantilism of the genitals in women] Ned. tsschr. geneesk., 1926, 70: 626-31. Also Zbl. Gyn., 1926, 50: 799-804.—Webster, C. S. Genital hypoplasia in women. Southwest. J. M. & S., 1933, 17: 180-7.—Wermbter, E. Ueber den Fibrillengehalt in Uterusschleimhäuten bei klinisch diagnostizierter Genitalunterfunktion. Zbl. Gyn., 1926, 50: 1626-30.

Echinococcosis.

Adnessi, G. Cisti da echinococco dell'apparato genitale femminile. Clin. ostet., 1932, 34: 370-84.—Bacialli, L. Sull'echinococco dei genitali femminili. Rass. clin. sc., 1935, 13: 475-81.—Gutierrez, A., & Ruiz, V. Consideraciones sobre tres casos de hidatidosis genital femenina. Arch. internac. hidatid., Montev., 1938, 4: 173-8.—Miroud, P. Double kyste hydatidique de la sphère génitale: un de l'ovaire gauche, l'autre dans le tissu cellulaire péri-utérin; indépendance des 2 tumeurs. Ann. anat. path., Par., 1932, 9: 1044.—Ruiz, V. Hidatidosis del aparato genital femenino. Dia méd., B. Air., 1935, 7: 1343.

Effect of various agents.

NAWRATH, H. *Der Einfluss der Ultraviolettbestrahlungen auf die Genitalfunktionen weiblicher weisser Mäuse. 29p. 21cm. Bresl., 1937.

Fontana, G. Azione delle radiazioni luminose a breve lunghezza d'onda sull'apparato genitale. Riv. ital. gin., 1939, 22: 109-22.—Gierhake, E. Die Bedeutung der Vitamine für die Entwicklung und Funktion des weiblichen Genitale. Münch. med. Wschr., 1936, 83: 1720-2.—Joachimovits, R. Gibt es eine Beeinflussung der Funktion des inneren weiblichen Genitales durch Wetterfaktoren? Wien. med. Wschr., 1926, 76: 193-7.—Kirchhoff, H. Jahreszeiten und Belichtungen in ihrem Einfluss auf weibliche Genitalfunktionen (statistisch-klinische, experimentelle und therapeutische Studien) Arch. Gyn., Berl., 1936-37, 163: 141-85. — Umweltfaktoren und Genitalfunktionen. Geburtsh. Frauenh., 1939, 1: 377-98.—Savich, N. M., & Grishina, K. F. [Mechanism of action of the galvanic current on the sexual organs in women] Akush. gin., 1937, No. 6, 85-7.—Schultze-Rhonhof, R. & Kretschmer. Thermoelektrische Untersuchungen über die Wirkung physikalischer Einflüsse auf den menschlichen Organismus. Arch. Gyn., Berl., 1933-34, 156: 389-92.—Selye, H. The effect of adaptation to various damaging agents on the female sex organs in the rat. Endocrinology, 1939, 25: 615-24.—Tata, G. Effetti delle onde corte sul decorso della gravidanza e sull'ovulo delle coniglie. Ann. ostet. gin., 1935, 57: 1219-35.—Troitzkai, T. M. [Biological effect of Roentgen rays on the female genitals] Mosk. med. J., 1928, 8: 45-51.

Elephantiasis.

Gutierrez Alfaro, P. A. La elefantiasis de los organos genitales externos, como causa de distocia. Mem. Congr. venezol. med. (1926) 1927, 5. Congr., 3: 125-33.—Mandelstamm, A. Ueber Elephantiasis vulvae et urethrae. Arch. Gyn., Berl., 1931, 146: 507-32.—Simon, C., & Doukan. Éléphantiasis nostras des organes génitaux externes chez une femme. Bull. Soc. fr. derm. syph., 1934, 41: 1571-4.—Touraine, A., & Vialatte. Syndrome antérieur uréthro-vulvaire de l'éléphantiasis génital. Ibid., 1936, 43: 284-7.

Embryology.

BAUMGARTNER, E. A. *Zur Entwicklungsgeschichte des Genitalkanals beim Rind [Bern] 39p. 8°. Baden, 1910.

SPULER, A. Entwicklungsgeschichte des weiblichen Genitalapparates. p.367-578. 4°. Münch., 1930.

In Handb. Gyn. (J. Veit & W. Stöckel) 3. Aufl., Münch., 1930, 1. Bd, 1. Hälfte.

Baxter, J. S. Development of the female genital tract in the American opossum. Contr. Embryol. Carnegie Inst., 1935, 25: 17-35, 3 pl.—Fleming, A. M. The internal genital organs of a female foetus of 15 cm. length. J. Anat., Lond., 1926-27, 61: 232-46.—Hunter, R. H. Observations on the development of the human female genital tract. Contr. Embryol. Carnegie Inst., 1930, 22: 91-108, 5 pl.—Ivanov, N. Z. Du rôle du corps De Wolf dans la formation de l'utérus et du vagin. Gyn. obst., Par., 1931, 23: 144-65.—Lorenzetti, F. La derivazione embrionaria degli organi genitali femminili. Clin. ostet., 1932, 34: 710-20.—Mijlsberg, W. A. Studien über die Entwicklung des weiblichen Genitaltractus bei den Säugern; die Entwicklung der Vagina und des Sinus urogenitalis beim Pipistrellus tralatius. Zschr. ges. Anat., 1. Abt., 1931, 96: 183-214.—Nel, R. I. Studies on the development of the genitalia and the genital ducts in insects: female of Orthoptera and Dermaptera. Q. J. Micr. Sc., Lond., 1929, 73: 25-85, 3 pl.—Stephenson, G. W. Embryologic development of the female genital organs (motion picture) Proc. Mayo Clin., 1932, 7: 712-4.

Endocrine aspect.

See also names of hormones and endocrine glands.

Allan, R. M. The hormonal control of the female reproductive system. Med. J. Australia, 1934, 2: 212-20.—Arenas, N., & Sammartino, R. Effets de la castration et de l'hypophysectomie sur les organes génitaux de la chienne. C. rend. Soc. biol., 1939, 132: 519.—Bacq, Z. M., Brouha, L., & Hinglais. Sur la sensibilité du tractus génital femelle aux hormones sexuelles après énévation sympathique. Gyn. obst., Par., 1932, 26: 97-9.—Brouha, L., & Desclin, L. Considérations sur

quelques problèmes de physiologie utéro-ovarienne. Arch. biol., Liège, 1935, 46: 263-72.—Crispolti, E. Ricerche sperimentali sulle correlazioni tra lobo posteriore della ipofisi, genitali femminili, e ghiandola mammaria. Arch. ostet. gin., 1932, 2. ser., 19: 203-19.—Danno, H. Ueber den Einfluss der Hyperinterrenalisierung auf die weiblichen Geschlechtsorgane der Ratte. Nippon fujinkagakkai zasshi, 1933, 28: Nos. 8-14, 51-4.—De Donno, E. L'effetto del siero di sangue di cavie castrate e trattato con ormoni preipofisari e cortico-surrenali sugli organi genitali del ratto albino impubere; ricerche sperimentali. Ginecologia, Tor., 1939, 5: 575-82.—Franz, K. Ueber innersekretorische Vorgänge bei der Frau. Allg. med. Zentr. Ztg., 1922, 91: 79; 87. Also Veröff. Medverwalt., 1922, 16: 730-6.—Garrasi, G. Sopra le modificazioni dell'apparato genitale di coniglie integre, splenectomizzate ed ovarietomizzate, dopo somministrazione di prol. Ann. ostet. gin., 1935, 57: 1067-87.—Heller, H. Ueber die Beziehungen zwischen der Hypophyse und dem weiblichen Genitaltrakt. Wien. klin. Wschr., 1932, 45: 385-7.—Ide, M. Endocrinologie chez la femme. Rev. méd. Louvain, 1921, 99: 155.—Lacassagne, A., & Nyka, W. Modifications de l'appareil génital de la lapine, secondairement à la destruction de l'hypophyse par le radon. C. rend. Soc. biol., 1935, 119: 970-83.—Macchiarulo, O., & Amelotti, G. Rilievi istologici in cavie ipofisectomizzate con speciali accenni agli organi genitali. Fol. gyn. Genova, 1934, 31: 7-30, 6 pl.—Migliavacca, A. Ormoni, lipoidi ed apparato genitale femminile. Zschr. Zellforsch., 1933, 17: 681-98.—Minamikawa, K. Experimental investigation of the effect of the nervous system on the function of the genital organs; relation between the maturation of the genitals due to Zondek-Aschheim's hormone of the anterior pituitary lobe and sympathetomy. Jap. J. Obst., 1930, 13: 546-50.—Motta, G. Osservazioni istofisiologiche sulle correlazioni endocrino-genitali, con speciale riguardo alla preipofisi. Ann. ostet. gin., 1930, 52: 967-1022, 2 pl.—Nicholson, E. Sinergia functional utero-ovarica. Prensa méd. argent., 1929-30, 16: 1189-200.—Obergald, H. Das hormonale Kräftespiel beim weiblichen Funktionsgang. Zschr. ärztl. Fortbild., 1933, 30: 130-3.—Ostrčil, A. [Functions of the female genital organs and their changes in relation to the hormones] Cas. lek. česk., 1931, 70: 1517-20. [On the function of the genital organs in women from the hormonal point of view] Ibid., 1936, 75: 205-8.—Petit-Dutailis, P. Le facteur endocrine en physiologie gynécologique. Gynécologie, 1925, 24: 637; 717.—Revoltella, G. Irradiazioni dell'ipofisi e genitali femminili. Fol. gyn. Pavia, 1928, 25: 173-96, 2 pl.—Sawasaki, Y. Morphologische und funktionelle Untersuchungen über das Geschlechtsorgan des weiblichen Meerschweinchens durch harte Röntgenbestrahlung seiner Hypophyse. Nippon fujinkagakkai zasshi, 1935, 30: 28-31.—Schneider, P. F. The value of endocrines in adult female life. Med. Press & Circ., Lond., 1939, 201: 140-5.—Serdjukov, S. Sur les relations des glandes endocrines et de l'appareil génital chez la femme. Gynécologie, 1927, 26: 513-59.—Siebert, F. Schilddrüse, Uterus und Ovarium (ihre innersekretorischen Beziehungen zueinander) Zbl. Gyn., 1939, 63: 1938-42.—Witkowska, J. [Influence of the pituitary gland on the genital apparatus in women] Polska gaz. lek., 1931, 10: 838-40.

Endometriosis.

See also Endometritis.

STARK, W. *Strahlentherapie bei Adenofibrosis [München] 36 p. 8°. Borna-Lpz., 1932.

Albrecht, H. Zur Frage der Bösartigkeit der Endometriosis rectouterina; Radikaloperation oder Bestrahlung? auf Grund der Behandlungsergebnisse von 359 Fällen der Weltliteratur. Arch. Gyn., Berl., 1933-34, 155: 74-95.—Aquino Salles, A. de Considerações em torno de um caso de endometriose tubo-ovarica. Fol. med., Rio, 1937, 18: 468-71.—Benjamin, W. G. Adenomyomata. Minnesota M., 1940, 23: 231-6.—Bertone, G. Endometrioma maligno dell'utero e delle ovaie diffuso al sigma colico. Arch. sc. med., Tor., 1936, 61: 521-7.—Breuer, C. Ueber das gleichzeitige Vorkommen von Tubenadenomom, Teerzyste des Ovariums und Endometriosis des Wurmfortsatzes. Mschr. Geburtsh. Gyn., 1930, 85: 30-42.—Conill, V. Endometriosis; contribución anatomoclínica y exposición doctrinal. Rev. españ. obst., 1933, 18: 307-21.—Cotte, G., & Mathieu, J. Considérations cliniques et thérapeutiques sur les endométrioses de l'appareil génital. Mém. Acad. chir., Par., 1938, 64: 1349-65.—Kitai, I. Ueber Adenomyohyperplasie (Adenomyosis) uteri externa und Teerzysten des Ovariums. Arch. Gyn., Berl., 1925, 126: 496-526.—Maczewski, S. [Adenomyosis of the genital organs with special reference to retrovaginal adenomyosis] Gin. polska, 1937, 16: 455-64.—Meyer, R. Beiträge zur Lehre von der Adenomyosis und Adenofibrosis der weiblichen Geschlechtsorgane. Verh. Deut. path. Ges., 1925, 20: 336-42.—Neumann, H. O. Zur Pathologie und Klinik der Adenomyosis. Arch. Gyn., Berl., 1932-33, 152: 579-654.—Pemberton, F. A. Endometrioma of the female genital organs. Tr. N. England Surg. Soc., 1936, 19: 23-4. Also N. England J. M., 1937, 217: 1-5.—Randall, K. C., & MacCarty, W. C. Intra-uterine and extra-uterine adenomyoma. Proc. Mayo Clin., 1936, 11: 9.—Roulland, H., & Isidor, P. Adénomyose diffuse du tractus génital de la femme. Gynécologie, 1937, 36: 273-81.—Schindler, B. Zur Frage der Adenomyosis der weiblichen Genitalorgane, besonders des Eierstocks, zugleich über die endometrioide Fehlbildung der

Tubenschleimhaut. Frankf. Zschr. Path., 1925, 32: 128-72.—**Séguin, J., & Isidor, P.** Un cas de formations utéro-tubovariennes de type endométriel. Ann. anat. path., Par., 1935, 12: 483-7.—**Skorpi, F.** [Endometrioma of the vagina, vulva and perineum] Cas. lčk. čes., 1935, 74: 1153-7.

Examination.

See also Gynecology, Methods.

Hinselmann, H. Verbesserung der Inspektionsmöglichkeiten von Vulva, Vagina und Portio. Münch. med. Wschr., 1925, 72: 1733.—**Köhler, M.** Ueber die Zweckmässigkeit der rektalen Digitaluntersuchung in der Gynäkologie. Münch. med. Wschr., 1938, 85: 1220.—**Küstner, O.** Zur Geschichte der bimanuellen Tastung. Zbl. Gyn., 1931, 55: 2095-102.—**Martius, H.** Zur Technik der gynäkologischen Tastuntersuchung. Deut. med. Wschr., 1937, 63: 1613-5.—**Nikolaev, A. P.** [Rectal examination in gynecology] J. akush., 1924, 35: 263-72.—**Schmidt, P. W.** Die Förderung des Unterrichtes durch das Kranken-Gross-Epidiaskop (Leitz) Kippstuhl für Demonstration des Genitales. Münch. med. Wschr., 1939, 86: 1318.—**Schneider, G. H.** Zur Abgrenzung der rektalen, vaginalen und rektovaginalen Untersuchung in der Geburts-hilfe, Gynäkologie und Allgemeinpraxis. Med. Klin., Berl., 1927, 23: 513-5.—**Wille, O.** Untersuchung. Monogr. Frauenk., 1926, No. 9, 15-20.

Fistula.

See also Genito-urinary system, female, Fistula.

DELIUS, H. *Ueber Fistelbildungen im Bereich des Genitale und die Fisteloperationen der Jahre 1910 bis 1922 in der Kieler Frauenklinik [Kiel] 60p. 21cm. Essen, 1935.

Albano, G. Sulle fistole genito-addominali. Rass. ostet., 1930, 39: 527-545.—**Almeida, F. d.** Fistula genital post-operatória. Arg. obst. gin., 1933, 1: 63.—**Arbones, E.** Fistulas del tramo genital en la mujer. Arch. med., Madr., 1925, 18: 200-2.—**Bortini, E.** Contributo alla casistica delle fistole genito-parietali. Ann. ostet. gin., 1936 58: 1123-34.—**Halter, G.** Ein Fall von zyklischer Fistelblutung. Zbl. Gyn., 1927, 51: 2739-42.—**Kedrova, N. I.** [Uretero-enterostomy in non-operative fistulae of female organs] J. akush., 1926, 37: No. 3, 365-74.—**Larini, O.** Fistole genito-addominali. Riv. ital. gin., 1931, 12: 492-532.—**Maliavinsky, V. M.** [Complications in inflammatory diseases of the internal sexual organs by formation of intestinal fistulas] Akush. gin., 1933, No. 1, 38-49.—**Mettos, S. O.** Fistulas genitales. Ann. paul. med. cir., 1939, 37: 161-75.

Foreign body.

Hellendall, H. Beitrag zur Röntgendiagnostik von Fremdkörpern im Genitale. Zbl. Gyn., 1935, 59: 2183-6.—**Lampugnani, M.** Esiti non comuni di corpi estranei introdotti attraverso le vie genitali femminili. Osp. maggiore Novara, 1938, 15: 495-500.—**Wazcek, I.** [Foreign bodies in the genital organs in women] Orv. hetil., 1929, 73: 1025-8.

Gangrene, and necrosis.

Bodin, E. Gangrène foudroyante des organes génitaux externes chez la femme. Presse méd., 1928, 36: 1611-13.—**Letulle, M.** Lésions nécrobiotiques de la muqueuse génitale (utérus et vagin) produites par le radium. Bull. Soc. anat. Paris, 1921, 91: 120-2.—**Narducci, F.** Gangrena dei genitali seguita da setticemia e morte in una bambina di 15 mesi. Dermosifilografio, 1927, 2: 330-6.—**Runge, H.** Alkalinekröse des Uterus und der Adnexe, ein bisher niemals beschriebenes Krankheitsbild. Zbl. Gyn., 1927, 51: 1562-9.—**Tzomakion, G. F.** [Necrosis in the genital organs of women in general, acute, infectious diseases] Odess. med. J., 1927, 2: 35-40.

Hemorrhage.

See also Dysmenorrhea; Endometritis; Menstruation, &c.

DEITMER, J. *Ueber die Ursachen der sogenannten gynäkologischen Zusatzblutungen [Kiel] 22p. 8°. Gütersloh i. Westf., 1935.

HÖRDER, H. *Intraabdominelle Blutungen aus den Generationsorganen mit Ausschluss der intra- und extrauterinen Schwangerschaft [Berlin] 32p. 8°. Charlottenb., 1932.

MARINGER, K. A. A. *Blutungen bei Frauen zwischen 20 und 30 Jahren auf Grund des anatomischen Materials [Kiel] 31p. 8°. Trier, 1932.

OTTO, E. *Blutungen bei Frauen zwischen 40 und 50 Jahren. 23p. 8°. Kiel, 1931.

REIL, G. *Die Quellen azyklischer Genitalblutungen bei Frauen zwischen 30 und 39 Jahren. 15p. 8°. Kiel, 1934.

Abel, K. Gynäkologische Blutungen. Med. Welt, 1929, 3: 346; 378.—**Benthin, W.** Die Indikationsstellung bei genitalen Blutungen. Med. Klin., Berl., 1926, 22: 1766-8.

Genitale Blutungen im Greisenalter bei Frauen. Deut. med. Wschr., 1928, 54: 727-9. Also Gazz. osp., 1928, 49: 629-33.

Die Erkennung der Ursachen genitaler Blutungen. Med. Klin., Berl., 1928, 24: 1855-8.

Unstillbare Genitalblutungen. Zbl. Gyn., 1939, 63: 334.—**Böhm, I.** [Causes of internal hemorrhages of female genitals outside of pregnancy] Gyógyászat, 1929, 68: 326-8.—**Bride, J. W.** Haemorrhage in association with pregnancy, labour, and the puerperium. Brit. M. J., 1925, 2: 1176-9.—**Buschbeck, H.** Zur graphischen Darstellung von Blutungsanamnesen (das Würzburger Diagramm) Zbl. Gyn., 1936, 60: 2778-88.

Dreyfus, P., Le Foyer, & Lejeune, P. Hemorragies intrapéritonéales d'origine génitale en dehors de la grossesse ectopique et à symptomatologie d'appendicite. Gyn. obst., Par., 1932, 26: 102-5.—**Frachmann, K.** Intraperitoneale Genitalblutungen ohne Gravidität. Wien. klin. Wschr., 1930, 43: 329-32.—**Friedländer, B.** Gynecological bleeding. J. Michigan M. Soc., 1927, 26: 673-9.—**Goecke, H.** Zur Pathogenese gynäkologischer Blutungen nebst einigen Bemerkungen zu ihrer Therapie. Zbl. Gyn., 1933, 57: 2721-9.—**Howelmann, E.** Was wissen wir bis heute von entzündlichen Genitalblutungen und ihrer Behandlung? Zschr. Geburtsh. Gyn., 1933-34, 107: 203-17.—**Holmer, A. J. M.** [Gynecological hemorrhages due to insufficiency of vitamine C] Ned. tscr. verlosk., 1936, 39: 150-9.—**Hüssy, P.** Die Blutungen aus dem weiblichen Genitale und ihre Behandlung. Praxis, Bern, 1928, 17: H. 49, 1; 3; 5; 7.—**Idel, I.** Blutungen im fortpflanzungsfähigen Alter. Allg. Deut. Hebam. Ztg., 1927, 42: 144-8.—**Jeannene, G.** Hémorragies génitales et lésions annexielles. J. méd. Bordeaux, 1928, 58: 227.—**Kermauer, F.** Genitalblutungen junger Mädchen. Wien. klin. Wschr., 1929, 42: 297.—**Knaus, H.** Ueber die Periodizität genitaler Blutungen und ihre Ursachen. Med. Klin., Berl., 1933, 31: 371; 410.—**Kunch, A.** [Importance of diagnosis in hemorrhages of the genital organs in women] Orv. hetil., 1926, 70: 1343-7.—**Laroche, G., & Meurs-Blatter.** Recherches cliniques sur la lutéine et l'hormone gonadotrope antéhypophysaire dans les hémorragies génitales. Rev. fr. gyn. obst., 1935, 30: 835-40.—**Lorenzetti, F.** Il permanganato di potassio nella genesi di talune emorragie genitali. Clin. ostet., 1937, 39: 1-9.—**Melamed, L.** Untersuchungen über Abbau von innersekretorischen Drüsen bei klimakterischen und Pubertätsblutungen mittels der Abderhaldenschen Reaktion. Fermentforschung, 1926-28, 9: 306-21.—**Oldershaw, M.** The significance of bleeding as a symptom in gynecology. Clin. J. Lond., 1925, 54: 436-40.—**Pastore, J. B., & Stander, H. J.** Hemorrhage in obstetrical patients. Clin. Bull. Cleveland, 1939, 3: 65.—**Pemberton, F. A., & Lockwood, J. S.** Abnormal bleeding in women after the age of 50. N. England J. M., 1935, 212: 1017-20.—**Petit-Dutailis, P.** Trois observations d'hémorragies génitales post-ménopausiques de pathogénies très différentes. Gynécologie, 1930, 29: 641-51.—**Pias, F. R.** Syndrome hémogénique transitoire au cours de certaines affections gynécologiques. Gaz. méd. France, 1938, 45: 659-61.—**Porter, W. D.** Hemorrhage in pregnancy, labor, or the puerperium due to rupture of the uterus, tumors or carcinoma. Ohio M. J., 1925, 21: 905-8.—**Revelli, G.** Le emorragie interne dell'apparato genitale femminile. Rass. ostet., 1924, 33: 1; 108; 164.—**Rotter, H.** Mikroskopische Untersuchung des genitalen Blutes. Zbl. Gyn., 1927, 51: 607-10.—**Schmoe, F.** Die Veränderungen des Blutes nach akuten Blutverlusten und ihre Auswirkungen. Ibid., 1932, 56: 2471-5.—**Schröder, R.** Gynäkologische Blutungen. Pathogenese und Diagnose. Arch. Gyn., Berl., 1933-34, 156: 1-27. Also Zbl. Gyn., 1934, 58: 153.—**Schröder, W.** Zur Differentialdiagnose innerer Blutungen der weiblichen Generationsorgane. Zbl. Chir., 1931, 58: 2319-22.—**Senra, A.** Hemorragias ginecológicas. Hospital, Rio, 1939, 16: 79-96.—**Siebek, H.** Diagnose und Therapie bei Genitalblutungen der Frau ausserhalb der Menstruation. Med. Klin., Berl., 1934, 30: 149; 385.—**Sieske, H.** Emorragie extrametruali. Gazz. osp., 1934, 55: 617-22.—**Soler Juliá, J.** Hemorragias internas de origen genital independientes del embarazo ectópico. An. Hosp. S. Cruz, Barcel., 1930, 4: 237-48.—**Tonkes, E.** Die Veränderungen des Blutes nach akuten Blutverlusten und ihre Auswirkung. Zbl. Gyn., 1932, 56: 2003-7.—**Ulrich, P.** Les hémorragies génitales de cause locale. Rev. fr. gyn. obst., 1935, 30: 355; 752.—**Vajna, G.** [Genital hemorrhage into abdominal cavity in women] Orv. hetil., 1935, 79: 718-20.—**Van Cauwenberghe.** Hémorragies intra-abdominales d'origine génitale. Ann. Soc. méd. Gand, 1933, n. ser., 12: 148-63. Also Rev. belge sc. méd., 1934, 6: 151-66.—**Werner, P.** Differentialdiagnose gynäkologischer Blutungen. Mitt. Volksgesundh., Wien, 1929 [Aerzt. Prax.] 6.—**Wynne, M. N.** Abnormal bleeding from the female genital tract. J. Lancet, 1931, 51: 117-9.

Hemorrhage: Treatment.

GROTT, J. *Behandlung gynäkologischer Blutungen mit Calcium-Clavipurin. 24p. 23½cm. Berl., 1938.

GUNDER, W. *Funktionelle Genitalblutungen der Frauen und ihre Beeinflussung durch die Strahlentherapie. 56p. 8°. Bresl., 1935.

LENNARZ, K. *Ueber die Erfolge der Bestrahlungsbehandlung der gutartigen gynäkologischen Blutungen [Münster/Westf.] 24p. 8°. Werne a. d. Lippe, 1935.

RAS, M. *Etude clinique de l'opothérapie mammaire dans les hémorragies génitales. 81p. 8°. Par., 1937.

SÄLZER, K. [H. K.] *Die Erfolge der Milzreizbestrahlung bei gynäkologischen Blutungen. 51p. 8°. Giessen, 1937.

STRUWE, E. *Ist bei lebensbedrohenden gynäkologischen Blutungen die Strahlenbehandlung der Operation überlegen? 18p. 8°. Würzb., 1936.

Adler, L. Ueber lebensgefährliche Blutungen aus den weiblichen Geschlechtsorganen und ihre Behandlung. Wien. med. Wschr., 1928, 78: 1479-82.—Alovsky, A. D., & Burtseva, E. P. [Blood transfusion in gynecological hemorrhages] Sovet. vrach, J., 1936, 1: 916-20.—Aschner, B. Was ist von den Aschnerschen Vorstellungen über die Folgen der Röntgenbestrahlung bei gynäkologischen Blutungen zu halten. Wien. klin. Wschr., 1925, 38: 1015.—Bauereisen, A. Die Behandlung juveniler Blutungen. Deut. med. Wschr., 1934, 60: 1885-8.—Benthin, W. Die Behandlung der genitalen Blutungen. Med. Klin., Berl., 1933, 29: 1300-4.—Bichl, H. Behandlung genitaler Blutungen mit Polygonorm. Ibid., 1929, 25: 1140.—Bokelmann, O. Behandlung gynäkologischer Blutungen mit Berücksichtigung inkretorischer Störungen. Zschr. ärztl. Fortbild., 1937, 34: 101; 136.—Caffier, P. Zur Frage der Milzbestrahlung bei gynäkologischen Blutungen. Zbl. Gyn., 1937, 61: 1874-6.—Clauberg, C. Die Behandlung der weiblichen Genitalblutungen. Ther. Gegenwart, 1936, 77: 25; 68; 119.—Courriades, H. Physiothérapie des hémorragies génitales chez la femme en dehors de la grossesse et des tumeurs. Rev. fr. gyn. obst., 1935, 30: 529-82. — & Dubreuilh, E. [et al.] Physiothérapie des hémorragies génitales chez la femme (actinothérapie, électrothérapie et radiothérapie) Ibid., 841-67.—Derankova, E. Treatment of gynecological hemorrhages with vitamin C. Sovet. vrach, J., 1938, 42: 26-31.—Dietel, F. G. Die Radiumbehandlung der gutartigen gynäkologischen Blutungen. Erg. med. Strahlenforsch., 1936, 7: 341-87.—Dubreuilh, E. Physiothérapie des hémorragies génitales chez la femme en dehors de la grossesse et des tumeurs; électrothérapie et actinothérapie. Rev. fr. gyn. obst., 1935, 30: 583-97.—Ehrhardt, K., & Winkler, H. Weitere Erfahrungen mit Transfusion von Schwangerenblut. Deut. med. Wschr., 1935, 61: 127-30.—Eymmer, H. Die Behandlung gynäkologischer Blutungen mit Radium und Mesothorium. Etschland. Aerztebl., 1926, 5: 17-21. — Die Behandlung gutartiger Blutungen mit radioaktiven Substanzen. Zbl. Gyn., 1935, 59: 1202-7.—Fahião, M. M. Principios gerais de propedeutica nas hemorragias genitales da mulher. Fol. med., Rio, 1932, 13: 133-5.—Gambarow, G. Le traitement des hémorragies gynécologiques. Gyn. obst., Par., 1936, 33: 221-9.—Goldschmidt, E. Ein Beitrag zur Behandlung genitaler Blutungen. Ther. Gegenwart, 1937, 78: 360-3.—Henkel, M. Vaginale Uterina-Unterbindung bei gynäkologischen Blutungen. Zbl. Gyn., 1934, 58: 1153-9.—Hirsch, H. Die Wahl der Behandlungsart bei gynäkologischen Blutungen. Strahlentherapie, 1927, 26: 691-7.—Hückel, H. Die Behandlung der gynäkologischen Blutungen. Aerztl. Prax., Wien, 1939, 13: 132-7.—Jaropolskaia, G. N. [Application of vitamin C in gynecological hemorrhages] Akush. gin., 1937, No. 4, 25-30.—Iubas, C. Beitrag zur Behandlung genitaler Blutungen. Zbl. Gyn., 1938, 62: 1125-7.—Jayle, F. Traitement chirurgical des hémorragies génitales en dehors de la grossesse et des tumeurs. J. méd. Bordeaux, 1935, 112: 630. Also Rev. fr. gyn. obst., 1935, 30: 598-611. — Douay [et al.] Traitement chirurgical des hémorragies génitales. Ibid., 868-70.—Junghans, E. Die Behandlung von gynäkologischen Blutungen mit Vitamin C. Klin. Wschr., 1935, 14: 899.—Kagan, J. Ueber ein zuverlässiges Hämostyptikum in der gynäkologischen und geburtshilflichen Praxis. Zbl. Gyn., 1928, 52: 2157-9.—Kaufmann, C., & Bickel, L. Ueber die Behandlung genitaler Blutungen mit Corpus luteum-Hormon. Ibid., 1932, 56: 1329-33.—Küstner, H. Rotlicht zur Behandlung starker Genitalblutungen. Klin. Wschr., 1932, 11: 947-9.—Landeker, A. Vaginale Ultraviolettbestrahlung als Heilmittel gegen gynäkologische Blutungen. Ther. Gegenwart, 1925, 66: 521-4. Also Med. Welt, 1932, 6: 1610-2. Also Med. Rec., N. Y., 1940, 151: 135-8.—Laroche, G., & Meurs-Blatter, Résultats cliniques concernant l'action des hormones gonadotropes et lutéiniques sur les hémorragies génitales. Gaz. méd. France, 1936, 43: 797-9.—Marcel, J. E. Le traitement de certaines hémorragies génitales par la diathermie endocrinienne. Clinique, Par., 1939, 34: 46-8.—Müller, I. Die Therapie atypischer Genitalblutungen. Fortsch. Ther., 1926, 2: 489-92.—Naujoks, H., & Hoffmann, H. Die Radiumbehandlung gutartiger Genitalblutungen. Zbl. Gyn., 1934, 58: 1922-35.—Offergeld, H. Die Therapie genitaler Blutungen bei der Frau. Med. Welt, 1928, 2: 138. Also Prakt. Arzt, 1928, n. F. 13: 147; 176.—Runge, H. Gynäkologische Blutungen; Therapie. Arch. Gyn., Berl., 1933-34, 156: 27-35.—Schwarz, G. Was ist von den Aschnerschen Vorstellungen über die Folgen der Röntgenbestrahlung bei gynäkologischen Blutungen zu halten? Wien.

klin. Wschr., 1925, 38: 815.—Simon, S. Technik und Erfolge der Strahlenbehandlung bei unregelmässigen Genitalblutungen der Frau. Aerztl. Prax., Wien, 1935, 9: 135. Also Wien. med. Wschr., 1935, 85: 741-4.—Springer, A. Ueber die Beeinflussung pathologischer Genitalblutungen durch Stryphoninjektionen. Zbl. Gyn., 1928, 52: 2156.—Tietze, K. Die Behandlung der echten Endometritis und einiger anderer mit Genitalblutungen einhergehender Störungen mit Follikelhormon. Ther. Gegenwart, 1939, 80: 105-8.—Turpault, Traitement médical des hémorragies génitales. Rev. fr. gyn. obst., 1935, 30: 819-40. — Traitement médical des hémorragies génitales en dehors de la grossesse et des tumeurs. Ibid., 473-528.—Tzovaru, S., & Mavrodin, D. Arrêt rapide des hémorragies génitales de la femme par des injections de solution concentrée de citrate de soude. Presse méd., 1927, 35: 986.—Vogt, E. Ueber die Behandlung gynäkologischer Blutungen mit Vitamin C. Münch. med. Wschr., 1935, 82: 263-5.—Wolff, F. Calcium-Clavipurin bei genitalen Blutungen. Zbl. Gyn., 1932, 56: 1790-2.

Hemorrhage—in the newborn.

See Genital crisis.

Hernia.

LELIEVRE, J. *Contribution à l'étude de l'étranglement et de la torsion du pédicule dans les hernies inguinales tubo-ovariennes chez l'enfant. 155p. 8°. Par., 1927.

De Francesco, F. L'istero-tubo-ovariocele. Riv. ostet. gin., 1931, 13: 188-205.—Donald, D. C. Ectopia and inguinal hernia of ovary; report of a case of congenital ectopia of ovary and Fallopian tube in labium majus. Am. J. Surg., 1940, 47: 149-52.—Heineck, A. P. Hernies tubaires, ovariennes et tubo-ovariennes inguinales et femorales. Union méd. Canada, 1927, 56: 521-32.—Teplitz, V. L. [Hernia of the female genitals] Vest. khir., 1926, 5: pt 14, 130-8.

Histology.

FREISFELD, R. *Ueber das Verhalten des weiblichen Genitales bei vitaler Farbstoffspeicherung im Tierversuch [Erlangen] 27p. 8°. Bochum-Langendreer, 1932.

HENNIG [M.] E. *Beitrag zur Histologie der Genitalorgane des weiblichen Silberfuchses mit besonderer Berücksichtigung der Histologie der Ovarien und Ovidukte. 42p. 8°. Lpz., 1933.

Ahara, M. Ueber die Golgischen Apparate in den verschiedenen Zellen der inneren Genitalorgane bei den weiblichen Ratten mit besonderer Berücksichtigung ihrer oestrich-zyklischen Umwandlungen. Tr. Jap. Path. Soc., 1930, 20: 465-70.

Studien über den Golgischen Apparat in den verschiedenen Zellen der weiblichen inneren Genitalorgane. Mitt. Med. Akad. Kioto, 1933, 9: 763-6.—Fusco, G. Sul potere di colorazione in vivo della mucosa uterina e vaginale, e sue variazioni in rapporto alle diverse sostanze coloranti adoperate. Atti Accad. fisicoc. Siena, 1932, 10. ser. 7: 582-91.—Glas, R. Ueber Trypanblauspeicherung im Epithel der Gebärmutter-schleimhaut der weissen Maus und Ratte. Mschr. Geburtsh. Gyn., 1930, 86: 305-14.—Honda, G. Studies on mitochondria and metachondria of the epithelial cells of the uterus and the vagina. Jap. J. Exp. M., 1935, 13: 31-57, pl.—Josselin de Jong, R. de. Ueber die Relation zwischen Epithel und Bindegewebe im weiblichen Genitale. Schweiz. med. Wschr., 1935, 65: 197-200.—Kramann, H. Die histologischen Forschungen über die weiblichen Genitalorgane. Mschr. Geburtsh. Gyn., 1938, 108: 214-31.—Kundrat, R. Die Morphologie des elastischen Gewebes im normalen und krankhaft veränderten weiblichen Genitaltrakte. Arch. Gyn., Berl., 1939, 169: 670-720.—Loeb, L., & Haven, F. L. The relation between functional states of the sex organs in the female guinea-pig and the cell proliferation in the epidermis. Anat. Rec., 1929, 43: 1-26.—Meyer, R. Knorpel und Knochen in den inneren weiblichen Geschlechtsorganen und ihre Bedeutung. Zbl. Gyn., 1930, 54: 587-93.—Neumann, H. O. Die histologischen Forschungen über die weiblichen Genitalorgane. Mschr. Geburtsh. Gyn., 1934, 97: 94; 1935, 100: 274.—Novak, E. The morphology of the genital epithelia, with special reference to differentiation anomalies. Tr. Am. Gyn. Soc., 1933, 57: 211-33. Also Am. J. Obst., 1932, 24: 635-53.

Infection [and inflammation]

See also names of specific infections as Puerperal fever; Syphilis; Tuberculosis; also names of genital inflammations as Cervicitis; Endometritis, &c.

BUCURA, C. Die entzündlichen Erkrankungen der weiblicher Geschlechtsorgane; ihr Wesen, ihre Erkennung und Behandlung. 206p. 8°. Wien, 1930.

— Die akuten und chronischen Infektionen der Genitalorgane mit Ausnahme der Tuberkulose und Gonorrhöe. 514p. 8°. Münch., 1933.

Béclère, C. Diagnostic des petites infections génitales chroniques chez la femme jeune. *Monde méd.*, 1938, 48: 564-76.—**Bourne, A.** The gynaecological aspect of focal sepsis. *Postgrad. M. J., Lond.*, 1940, 16: 63-6.—**Canseco Landero, M.** Infecciones no purulentas del area ginecológica. *Rev. mex. cir.*, 1936, 4: 385-90.—**Coelho, S.** A margem das infeções e das intoxicações ginecológicas. *Med. contemp.*, Lisb., 1932, 50: 257-60.—**Crăiniciu, A., & Pantzu-Lazarescu, S.** [Bacteriologic flora of tumors and infections of the genital organs in women] *Spitalul*, 1929, 49: 414-6.—**Guizza, T.** A propos des défenses immunitaires du sang chez les femmes atteintes de maladies inflammatoires des organes génitaux internes. *Boll. Sez. ital. Soc. internaz. microb.*, 1930, 2: 468.—**Dannreuther, W. T.** Localized infections of the uterus and adnexa. *Med. J. & Rec.*, 1931, 134: 80-3.—**Fabricius, J.** Die entzündlichen Erkrankungen des weiblichen Genitales. *Wien. klin. Wschr.*, 1929, 42: 1666-70. Also *Wien. med. Wschr.*, 1931, 81: 1061-5.—**Frank, R. T.** Unusual gynecological conditions: their diagnosis and treatment. *Surg. Clin. N. America*, 1933, 13: 271-94.—**Garriga Roca, M.** Infecciones úteroanexiales de origen intestinal. *Med. iber.*, 1934, 28: 121.—**Gilcher, A. E., Kagan, M. R.** [et al.] [Chronic, gynecological inflammatory affections and the accompanying vegetative reflex syndrome] *Akush. gin.*, 1939, No. 12, 40-4.—**Goldberg, L. L., & Guillerson, A. B.** [et al.] [Morphology and regeneration of the blood in inflammation of the internal sexual organs in women] *Ibid.*, 1937, No. 9-10, 48-53.—**Guillerson, A. B., & Markovnikova, E. B.** [Comparative evaluation of blood taken from the finger and from the uterine cervix in inflammatory affections of the internal sexual organs in women] *Ibid.*, 1938, No. 6, 84-6.—**Guthmann, H., & Neuhaus, W.** Mit welcher Genauigkeit erlaubt die Blutkörperchenreaktionsgeschwindigkeit (BSG.) die Beurteilung entzündlicher Genitalekrankungen? *Msehr. Geburtsh. Gyn.*, 1934, 98: 157-67.—**Hoffmann, H.** Die hämatoencephalische Barriere bei Entzündungserkrankungen der weiblichen Genitalsphäre. *Arch. Gyn., Berl.*, 1935-36, 160: 62-75.—**Infection of lower genital tract in young girls.** *J. Am. M. Ass.*, 1937, 109: 1728.—**Ivanov, N. Z.** [Spread of inflammatory processes in the internal genital organs in women] *J. eksp. biol.*, 1930, 14: 18-30. Also *Gyn. obst., Par.*, 1931, 23: 208-15. Also *Arch. Gyn., Berl.*, 1932, 149: 124-36.—**Kakushkin, N. M.** [On septic infection of the genital organs in women] *Klin. med.*, Moskva, 1928, 6: 1447-56.—**Kashinsky, A. Y.** [Value of Darányi's reaction in gynecology] *Odess. med. J.*, 1928, 3: 346-50.—**McIntyre, A. J.** Vincent's infection about the genitals, with report of case of uterine infection. *Southwest. M.*, 1928, 12: 343-5.—**Maršálek, J., & Cernoch, A.** Ueber einige Röntgenbefunde bei eitrigen Erkrankungen der weiblichen Genitalorgane und deren differential-diagnostische Bedeutung. *Fortsch. Röntgenstrahl.*, 1933, 57: 617-29.—**Marunova, V. P.** [Functional state of the vegetative nervous system in inflammatory affections of the sexual organs in women] *Akush. gin.*, 1938, No. 6, 80; 1939, No. 5, 21-7.—**Meigs, J. V.** Vaginitis, vulvitis, and cervicitis. *Med. Clin. N. America*, 1938, 22: 761-72.—**Nikolaev, N. M.** [Inflammatory processes of the genital organs in women from the modern view-point] *J. mikrob.*, Moskva, 1925, 2: 96-108.—**Nuckols, H. H., & Hertig, A. T.** Pneumococcus infection of the genital tract in women, especially during pregnancy and the puerperium. *Am. J. Obst.*, 1938, 35: 782-93.—**Penkert, M.** Ueber Douglaspunktion, Douglasinzision, Pyosalpinx, Pyosalpinx-Pyovarium- und Pyovarium-Scheiden-Ventilfistel. *Zschr. Geburtsh. Gyn.*, 1929, 95: 514-38.—**Reichert, J. L., Epstein, I. M.** [et al.] Infection of the lower part of the genital tract in girls. *Am. J. Dis. Child.*, 1937, 54: 459-95.—**Ries, E. B.** Profilaxis de las infecciones genitales de la mujer. *Sem. méd.*, B. Air., 1939, 46: 141-4.—**Schleyer, E.** Ueber Wechselbeziehungen zwischen entzündlichen Erkrankungen des weiblichen Genitales und dem Rektum-Sigmoid, sowie ihre Behandlung. *Wien. klin. Wschr.*, 1937, 50: 1519-25.—**Schneider, G. H.** Psychose durch Meningitis im Verlaufe einer entzündlichen Genitalekrankung. *Msehr. Geburtsh. Gyn.*, 1924-25, 68: 29-31.—**Sidorov, P. P., & Milchenko, I. T.** [Investigation of biochemical indices of acid-alkaline metabolism in inflammatory processes of the internal sexual organs in women] *Akush. gin.*, 1938, No. 9, 43-9.—**Siredey, A.** Les infections génitales chez les vierges. *Gynécologie*, 1934, 33: 673-91.—**Soimaru, A.** La pneumococcie génitale chez la femme. *Rev. fr. gyn. obst.*, 1925, 20: 375-89.—**Szili, J.** [Inflammatory diseases of the female genitals] *Orv. hetil.*, 1935, 79: 1159; 1189.—**Vergely, A.** Estudio clinico e terapeutico das manifestações rheumaticas, cutaneas e outras, nas infeções genitales latentes da mulher. *Rev. Ass. paul. med.*, 1939, 14: 238-43.—**Weibel, W.** Ausgewählte Kapitel nicht venerischer Infektionsprozesse am weiblichen Genitale. *Münch. med. Wschr.*, 1934, 81: 430-3.—**Wirth, K.** Ueber die primäre, nicht puerperale Pneumokokkeninfektion des weiblichen Genitale. *Zbl. Gyn.*, 1937, 61: 2327-31.—**Young, J.** Endometritis, cervicitis, and metritis. In *Brit. Encycl. M. Pract.* (Rolleston, H.) *Lond.*, 1937, 4: 574-88.

Infection: Colibacillosis.

See also *Colon bacillus*, Infection by.

DARD, M. *Contribution à l'étude du syndrome entéro-génital chez la femme. 48p. 8°. Par., 1933.

Becker. Zur Frage der Erkrankung der weiblichen Genitalsphäre durch den *Bacillus coli*. *Msehr. Geburtsh. Gyn.*, 1931, 89: 49-59.—**Guillemin, A.** Le syndrome entéro-génital chez la femme en dehors de la grossesse. *Arch. fr. belg. chir.*, 1933-34, 34: 276-95. — La colibacillose en gynécologie (syndrome entéro-génital) les voies d'infection; ses manifestations cliniques. *Gyn. obst., Par.*, 1934, 30: 158-67. — Le syndrome entéro-génital chez la femme. *Gynécologie*, 1934, 33: 605-21. — Le syndrome entéro-génital chez la femme en dehors de la grossesse. *Rev. méd.*, est. 1935, 63: 313-40.—**Pierra, L. M.** Les infections colibacillaires de l'appareil génital chez la femme en dehors de la puerpéralité. *Rev. fr. gyn. obst.*, 1932, 27: 290-302.

Infection: Treatment.

See also *Gynecology*, Therapeutics.

DÖDERLEIN, G. Die konservative Behandlung entzündlicher Genitalekrankungen der Frau. 117p. 8°. Lpz., 1932.

FRAENKEL, K. *Ueber die Mortalität und die Spätresultate der abdominalen Radikaloperation bei den rezidivierenden entzündlichen Erkrankungen der inneren Genitalien [Frankfurt] 34p. 8°. Stuttg., 1919.

VIEBAHN, H. W. *Die Erfolge der Moorbadekur bei entzündlichen Erkrankungen der weiblichen Geschlechtsorgane [Frankfurt] 24p. 8°. Gelnhausen, 1936.

Ballico, I. Nota sulla cura delle infiammazioni della sfera genitale femminile coi raggi ultravioletti e sugli effetti della respirazione di aria irradiata. *Raggi ultraviol.*, 1930, 6: 39-44.—**Bergal, M. M.** [Treatment of inflammatory affections of the sexual organs in women by means of injections of weak solutions of novocain into the ischio-rectal region] *Akush. gin.*, 1937, No. 8, 94-9.—**Bodiazhina, V. I.** [Treatment of inflammatory affections of the sexual organs in women by transfusions of heterogenous, incompatible blood] *Ibid.*, 1939, No. 7, 40-5.—**Boikikieva, S. A.** [Application of long duration diathermy in sub-acute and chronic inflammatory affections of the sexual organs in women and ambulatory patients] *Ibid.*, No. 2-3, 79-81.—**Bott, O.** Ueber die Behandlung von Unterleibsentzündungen mit kleinen Röntgenlichtdosen. *Msehr. Geburtsh. Gyn.*, 1925, 71: 184-94.—**Braud, I. L.** [Roentgen therapy in gynecological infections] *Russ. klin.*, 1925, 4: 250-60.—**Bublichenko, L. I.** [Treatment of inflammatory diseases of the female sexual organs with saturated polymicrobial vaccine] *J. akush.*, 1931, 42: 528-32. Also *Msehr. Geburtsh. Gyn.*, 1932, 90: 331-9. Also *Zbl. Gyn.*, 1931, 55: 1728-33.—**Bucura, D.** Das Operieren bei entzündlichen Erkrankungen des weiblichen Genitale. *Wien. klin. Wschr.*, 1930, 43: 589-91.—**Butomo, W.** Zur Frage der Schlammbehandlung bei chronischen entzündlichen Prozessen der weiblichen Genitalsphäre. *Msehr. Geburtsh. Gyn.*, 1925, 71: 160-72. — Die klinische Reaktion als Kriterium des therapeutischen Effekts der Milcheinjektionen bei entzündlichen Prozessen der weiblichen Geschlechtsorgane. *Ibid.*, 1926, 73: 273-85.—**Cañizalis Verson, R.** Tratamiento médico pre-operatorio de las inflamaciones crónicas genitales de la mujer. *Rev. med. cir. Habana*, 1934, 39: 328-31.—**Chaikovsky, V. K., & Klychev, N. A.** [Treatment of inflammatory affections of the sexual sphere in women with drop enemas of urine of pregnant women with consideration of changes in the reticulo-endothelial system] *Akush. gin.*, 1937, No. 2, 75-81. — [Use of gravidan in inflammatory affections of the sexual sphere in women, with special reference to changes in the reticulo-endothelial system] *Ibid.*, No. 3, 80-7.—**Chernekhovskiy, D. L.** [Therapy of acute and subacute inflammatory disease of the internal sexual organs in women by means of electric field of ultra-high frequency] *Ibid.*, 1938, No. 9, 50-4. — [Transfusion of heterogenous blood in grave inflammatory affections of the sexual organs in women] *Ibid.*, 1939, No. 2-3, 26-9.—**Costello, T. J.** Treatment of chronic endocervicitis and vulvovaginitis. *Med. Clin. N. America*, 1936-37, 20: 119-26.—**Cureleanu, T.** [Clinical and therapeutical observations on the effect of einna-ether-benzyl in treatment of pelvic genital inflammations in women] *Spitalul*, 1932, 52: 445-50.—**Döderlein, G.** Die Behandlung nichtpuerperaler entzündlicher Erkrankungen der weiblichen Genitalorgane. *Med. Welt*, 1928, 2: 1529; 1563. — Die vaginale Incision von Eitertumoren der weiblichen Genitalorgane. *Chirurg*, 1931, 3: 310-6.—**Duke, R. S.** Milk injections in the treatment of infections of the female genital tract; preliminary report of 22 cases. *J. Tennessee M. Ass.*, 1926-27, 19: 213-6.—**Eisenberg, M. F.** [Ultra-high-frequency therapy in inflammatory affections of the sexual organs in women] *Akush. gin.*, 1940, No. 5, 56-9.—**Eisenstädter, D.** Ameisensäurebehandlung entzünd-

- licher Erkrankungen des weiblichen Genitales. Zbl. Gyn., 1932, 56: 161.—**Falberg, O. F.**, & **Vershilova, P. A.** [Treatment of inflammatory diseases of the cervix of the uterus and vagina caused by Döderlein's bacillus] Sovet. vrach. gaz., 1933, 37: 1147-51.—**Feigel, I. I.**, **Shatsillo, M. B.**, & **Dobrov, B. M.** [Author's investigations on the application of the antigen reaction in inflammatory affections of the sexual organs in women] Akush. gin., 1940, No. 5, 13-20.—**Fishkin, I. M.** [Treatment of chronic, inflammatory affections of the sexual sphere in women with paraffin] Ibid., 1937, No. 2, 82-9.—**Floris, M.** [Etiology of inflammatory diseases of the female genital tract treated with paraffin] Radiol. med., Milano, 1931, 18: 486-501.—**Föderl, V.** Diagnostik und Therapie der chronisch entzündlichen Erkrankungen der inneren Frauenorgane. Wien. med. Wschr., 1937, 87: 1049; 1084. Also Wien. klin. Wschr., 1938, 51: 641.—**Gallois, P.** Traitement d'une infection génital par l'antivirus de MM. Levy-Solal et Simard. Vie méd., 1925, 6: 2051.—**Gillett, R. E.** Sulfanilamid; its use in upper genital tract infections in the female. California West. M., 1938, 49: 206-8.—**Goldinger, A.** Cehazol in der Behandlung entzündlicher Erkrankungen des weiblichen Genitale. Wien. klin. Wschr., 1925, 28: 866.—**Guthmann, H.**, & **Weiss, W.** Ueber die Erfolge der Kombination von konservativer Behandlung und Röntgenschwachbestrahlung bei der weiblichen Genitalentzündung. Arch. Gyn., Berl., 1931, 145: 152-63.—**Halter, G.** Die chirurgische Therapie entzündlicher und septischer Genitalkrankheiten. Wien. med. Wschr., 1937, 87: 1241-6.—**Hirsch, J.** Die Serumbehandlung (Streptoserin) entzündlicher Erkrankungen des weiblichen Genitalapparates, besonders der Parametritis. Ther. Gegenwart, 1930, 71: 542-4.—**Hoevelmann, E.** Ueber die operative Behandlung entzündlicher Krankheiten ausserhalb des Puerperiums. Münch. med. Wschr., 1934, 81: 1683-6.—**Hofstätter, R.** Die Behandlung der entzündlichen Genitalkrankheiten des Weibes. Wien. med. Wschr., 1930, 80: 1421-7.—**Isbruch, G.** Globuli vaginales Isapogen zur konservativen Behandlung gynäkologischer Entzündungen. Med. Welt, 1934, 8: 301.—**Jezierski, T.** [Calcium therapy of adenitis and parametritis] Nowiny lek., 1939, 51: 147-50.—**Kagan, M. R.**, **Svoren, A. L.**, & **Pintel, G. A.** [Balneo-physiotherapy of pain manifestations of the vegetative reaction syndrome in chronic gynecological inflammatory affections] Akush. gin., 1940, No. 5, 54-6.—**Kantorovich, L. L.** & **Luchonok, O. S.** [Roentgenotherapy of inflammatory affections of the sexual organs in women] Ibid., 1938, No. 5, 57-62.—**Kessler, R.** Zur Frage der hypermisierenden Behandlung entzündlicher Genitalaffektionen. Med. Welt, 1933, 7: 1214.—**Khaksin, S. G.**, & **Mazo.** [Combined treatment with fango and vaccine in inflammatory affections of the genital organs in women] J. akush., 1933, 44: 55-61.—**Köster, O.** Acidum salicylicum zur Behandlung entzündlicher weiblicher Genitalkrankheiten. Münch. med. Wschr., 1930, 77: 146.—**Kokhanov, I.** [Therapy of suppurative, inflammatory processes of the genital sphere in women] Akush. gin., 1939, No. 6, 17-21.—**Korneev, N. K.** [Immediate and remote sequels of operative treatment of inflammatory affections of the sexual organs in women] Ibid., 1938, No. 4, 81-6.—**Korolev, I. I.** [Treatment of inflammatory affections of the sexual organs in women with Saproel tampons] Ibid., 1939, No. 12, 48.—**Korotkin, N. I.** [Segmental-reflex ultra-violet erythromyotherapy in inflammatory affections of the internal sexual organs in women] Ibid., 1938, No. 11, 55-62.—**Kraul, L.** Die Durchtrennung des Plexus hypogastricus superior nach G. Cotte bei chronisch entzündlichen Genitalkrankheiten. Zbl. Gyn., 1937, 61: 2218-21.—**Krinitzky, M.** [Treatment of inflammation of female sex organs by Klingmüller's method] Vrach. gaz., 1925, 29: 567.—**Krug, J.** Die Radiumschwachbestrahlung der entzündlichen Adnex- und Uteruserkrankungen. Fortsch. Ther., 1934, 10: 212-4.—**Lash, A. F.** The bacteriology and management of infections of the female generative tract. Illinois M. J., 1931, 59: 473-6.—**Lazarev, G. E.** [Novocain block of Head's zones in treatment of inflammatory affections of the sexual tract in women] Akush. gin., 1937, No. 1, 46-50.—**Levitskaia, K. P.** [Intramuscular injections of Ichthyol in treatment of inflammatory affections of the genital organs in women] Vrach. delo, 1939, 21: 393-6.—**Libov, B.** [Importance of local reaction in mud-bath treatment of inflammatory diseases of the female sexual system] Ibid., 1927, 10: 1155-8.—**Blum, Z. A.** [Therapeutic importance of diathermy in treatment of chronic inflammatory diseases of the genital organs in women] J. akush., 1930, 41: 672-9.—**Lima e Silva, L. J. de.** Repouso e vacinação. Rev. gyn. obst., Rio, 1931, 25: 117-31.—**Lobre, F.** Behandlung von Salpingitis und Metritis durch Kurzwellen. Deut. med. Wschr., 1937, 63: 1096-8.—**Logvinsky, P. N.** [Ichthyol in treatment of acute inflammatory affections of the sexual organs in women] Vrach. delo, 1937, 19: 46-8.—**Maisel, E. P.**, & **Rudnev, I. I.** [Application of metallic-silver preparations in treatment of inflammatory diseases of the lower tract of the sexual organs in women] Sovet. vrach. J., 1936, 1: 1437-9.—**Malevati, P.** Intradermo-vaccini alla Goldemberg e filtrati alla Besredka nelle forme infiammatorie ginecologiche. Ann. ostet. gin., 1927, 49: 465-97.—**Maleva, M. I.** [Primary and remote sequels of intensive therapy of inflammatory diseases of the internal sexual organs in women] Akush. gin., 1937, No. 6, 81-4.—**Marehese, E.** La terapia calciochiminica nelle flogosi dell'apparato genitale femminile. Clin. ostet., 1935, 37: 730-44.—**Martynenko, P.**, **Teneta, E.** [et al.] Evaluation comparative des méthodes physiothérapeutiques et chirurgicales dans le traitement des inflammations de l'appareil génital de la femme. Gynécologie, 1935, 34: 73-102.—**Mikhailov, V. P.** [Methods in Roentgen therapy of gynecological infections] Russ. klin., 1925, 4: 261-5.—**Mikhailov, N. A.** [Problem of drainage or closed sutures in radical operations for embedded suppurative tumors of inflammatory character of the genital organs in women] J. akush., 1930, 41: 576-80.—**Montilli, P.** Contributo al trattamento radioterapico delle affezioni infiammatorie degli organi genitali femminili. Fol. med., Nap., 1933, 19: 1201-14.—**Nieulescu, M.**, & **Lupescu, I.** [Stock-vaccine in treatment of inflammations of genital origin] România med., 1933, 11: 265.—**Novak, J.** Ueber die Behandlung akuten entzündlicher Prozesse im Bereiche des weiblichen Genitale und über die Anwendung der Drainage bei gynäkologischen Operationen. Ther. Gegenwart, 1934, 75: 537-41.—**Pantsevich, I. F.** [Desensitization as a method of treatment in acute inflammatory affections of the sexual organs in women] Akush. gin., 1940, No. 5, 46-9.—**Petrov-Maslakov, M. A.** [Changes in cutaneous electro-conductibility due to the effect of novocain electrophoresis in acute inflammations of the sexual organs] Ibid., 1938, No. 3, 10-4.—**Pfaff, G. J.** Ueber den Einfluss spezifischer und unspezifischer Proteinkörper auf die bactericide Kraft des Blutes bei Staphylokokken- und Gonokokkeninfektionen der weiblichen Genitalorgane. Arch. Gyn., 1928, 134: 73-87.—**Pollard, R.** Zur Behandlung von katarhalischen Prozessen der Genitalschleimhaut mit den sogenannten Schaumkörpern. Fortsch. Ther., 1927, 3: 829-32.—**Popandopulo, I. V.**, & **Pisarskaia, N. M.** [Aqueous solutions of ichthyol in treatment of inflammatory affections of the sexual organs in women] Vrach. delo, 1937, 19: 47.—**Randall, L. M.**, & **Krusen, F. H.** The treatment of infections of the genital tract of women by means of the Elliott vaginal heat regulator. Physiother. Rev., 1937, 17: 49.—**Rawls, R. M.** Protein (milk) injections in gynecologic infections. Rep. Surg. Staff Woman Hosp. State N. York, 1923-21, 5: 46-52. Also N. York State J. M., 1925, 25: 1108-11.—**Reed, W. A.** The use of antiseptic oil in the treatment of vaginal and cervical infections. Am. J. Obst., 1940, 39: 531.—**Rocha, A.** Vaccinoterapia pelvica no tratamento das pangenitais. Fol. med., Rio, 1934, 15: 90-3.—**Salonovich, L. G.**, & **Schwartzman, F. M.** [Albichtol-therapy in inflammatory affections of the sexual organs in women] Vrach. delo, 1936, 19: 241-4.—**Schey, G.** [Treatment of inflammations of the genital organs in women] Gyógysz., 1926, 66: 1140-3.—**Schmitz, H.** Some diagnostic and therapeutic aspects of infections of the female genital organs. N. England J. M., 1929, 201: 1149-54.—**Schutser, A. M.** [Results of Bucura's vaccinotherapy of inflammatory diseases of the sexual organs in women for 1925-33] Akush. gin., 1938, No. 9, 55-9.—**Segond, R.** Notes pratiques sur le traitement médical des infections génitales de la femme. Gaz. méd. France, 1938, 45: 265-71.—**Seisser, F.** Erfahrungen mit der Röntgenbehandlung der genitalen Entzündungen. Strahlentherapie, 1929, 33: 471-8.—**Seitz, L.** Die Röntgenreizbestrahlung der subakuten und chronischen Entzündungen der weiblichen Genitalorgane. Ibid., 1930, 37: 595-602.—**Sidorov, P. P.**, & **Milchenko, I. T.** [Treatment of salpingo-oophoritis and parametritis by blood transfusion] Akush. gin., 1939, No. 2-3, 21-5.—**Silzer, O.** Afeniltherapie bei Entzündungen der weiblichen Genitalorgane. Münch. med. Wschr., 1926, 73: 1710.—**Skulsky, M. A.**, **Polonskaia, V. M.**, & **Granovskaia, A. U.** [Cod-liver-and castor oil in treatment of inflammatory affections of the vagina and cervix of the uterus] Vrach. delo, 1937, 19: 875-80.—**Slovikovskiy, I. A.** [Treatment of inflammatory and infectious diseases of the sexual organs with ammagin] Akush. gin., 1938, No. 1, 50.—**Solomon, I.**, & **Giberi, P.** La röntgentherapie dans les affections inflammatoires génitales de la femme. Rev. actin., Par., 1935, 11: 80-8.—**Spirov, V. E.** [Parental application of the water of the lakes Ustiantsevo and Karachi in inflammatory processes of the sexual organs in women] Kazan. med. J., 1939, 35: No. 2-3, 86-9.—**Steiger, A.** Die physikalische Behandlung entzündlicher Frauenkrankheiten. Münch. med. Wschr., 1926, 73: 952-4.—**Stolzenberg, W.** Beitrag zur Behandlung der Adnexitis und Parametritis. Fortsch. Ther., 1939, 15: 475-7.—**Ter-Gabrielian, G. G.** [Remote consequences of operative treatment in inflammatory diseases of the genital organs in women] Vrach. delo, 1929, 12: 16; 105.—**Theodor, L.** Röntgenbehandlung akuter und subakuter Entzündungen des weiblichen Geschlechtsapparates. Mschr. Geburtsh. Gyn., 1926, 72: 69-81.—**Timokhina, M. A.** [Intravenous injections of calcium chloride in inflammatory affections of the genital organs in women] J. akush., 1933, 44: 114-7.—**Turan, F.** Kombinierte konstitutionelle Therapie bei chronischen entzündlich-katarhalischen Genitalkrankheiten der Frau. Deut. med. Wschr., 1927, 53: 1083-5.—**Uter, W.** Die Anwendung von Mutterkornextrakten bei entzündlichen Genitalkrankheiten. Zbl. Gyn., 1935, 59: 26-9.—**Vallebona, A.**, & **Giavotto, G.** La terapia con le onde corte nel processi infiammatori degli organi genitali femminili. Fol. gyn. Genova, 1934, 31: 209-29.—**Vishnevsky, A. S.**, & **Derchinsky, G. D.** [Application of block of the nervous system in inflammatory affections of the sexual organs in women] Arkh. biol. nauk, 1937, 45: 167-95.—**Völcker, E.** Zur Behandlung entzündlicher Unterleibserkrankungen mit Ytaren-Kasein. Zbl. Gyn., 1926, 50: 1777-81.—**Wagner, G. A.** Die Röntgentherapie der entzündlichen Erkrankungen in der Gynäkologie. Ibid., 1927, 51: 68-71.—**Werboff, J.** Die Behandlung entzündlicher Erkrankungen der weiblichen Genitalsphäre mit Iontophorese. Ibid., 2550-6.—**Werner, P.** Behandlung entzündlicher Erkrankungen der weiblichen Fortpflanzungs-

organe. Wien. klin. Wschr., 1934, 47: 1426-9. Also Aertzt. Prax., Wien, 1935, 9: 6-9.—Wintz, H. Die konservative Behandlung der Entzündungen der weiblichen Genitalorgane unter Zuhilfenahme der Röntgenstrahlen. Strahlentherapie, 1938, 62: 159-66.—Zelikman, T. A. [Treatment of inflammatory affections of the internal sexual organs in women by transfusion of blood of another group] Akush. gin., 1937, No. 3, 88-92.—Zhiyatov, G. K. [Fangotherapy of inflammatory, chronic affections of the sexual organs in women] Sovet. med., 1940, No. 11, 28. —Turner, A. J., & Lichtman, N. D. [Treatment of inflammatory processes of the sexual sphere in women by application of iced medicinal mud] Akush. gin., 1938, No. 10, 47-50.—Zinram, K. Die Behandlung entzündlicher Genitalkrankungen mit einer 40proz. Terpentinlösung (Olobinthin stark) Zbl. Gyn., 1939, 63: 1614-26.—Zolotarev, S. I. [Efficacy of calcium therapy of inflammatory processes of the sexual apparatus in women] Akush. gin., 1938, No. 9, 60-2.

— Injury.

See also Birth injury; Birth canal, Injuries; Coitus, Injuries; Labor; Rape, &c.

FINK, W. *Ueber Pfählungs- und Kohabitationsverletzungen. 54p. 8° Marb., 1934.

Boerma, N. J. A. F. [Wounds of the sexual organs in women] Ned. tscr. geneesk., 1936, 80: 2296-301.—Burch, L. E. Effect of trauma on the female generative apparatus. South. M. J., 1927, 20: 339.—Conil, V. Traumatología de la generación. Rev. españ. med., 1932, 15: 71-5.—Delleplane, G. Lesioni sperimentali da catrame e da corpi estranei nell'apparato genitale femminile. Bol. Soc. ital. biol. sper., 1927, 2: 827-30.—Horno Alcantara, R. Traumatismos del aparato genital femenino. Clin. lab., Zaragoza, 1931, 17: 353-65.—Jeanneney, G., & Derivière, P. Gynécologie et traumatismes accidentels. Gyn. obst., Par., 1937, 35: 409-23.—Mayer, A. Weibliche Geschlechtsorgane und Unfall. In Handb. ges. Unfallh. (F. König & G. Magnus) Stuttg., 1934, 4: 643-725.—Onodi, J. [Injuries of the sexual organs of women exclusive of labor] Budapesti orv. ujs., 1940, 38: 157-60.—Raafhaub, W. Beitrag zur Kasuistik und Behandlung der Unfallverletzungen der äusseren Genitalien, der Scheide und der Abdominalwandungen. Mschr. Geburtsh. Gyn., 1926, 72: 206-24.—Schneider, L. Genitalverletzungen unter der Diagnose Karzinom. Zbl. Gyn., 1938, 62: 2262-7.—Szalay, J. [Female genital injuries extra partum] Orvosképzés, 1932, 22: Jun. Különl., 43-51, 2 pl.—Szenteh, I. [Non-obstetrical injuries of the female genitals] Orv. hetil., 1934, 78: 614-7.—Walther, M. Die Bedeutung der Notfallfunktionen des sympathikoadrenalen Systems für die Pathogenese der Unfallfolgen im weiblichen Genitale. Schweiz. med. Wschr., 1929, 59: 541-4.

— Innervation.

DYROFF, R. *Experimentelle Untersuchungen zur Physiologie des Genitaltraktes beim Weibe (Beiträge zur Nervenversorgung) [Habilitationsschrift, Erlangen] p.362-458. 8° Berl. [1929] Also Arch. Gyn., Berl., 1929, 138:

HIRZEL, A. *Die Sensibilität der Pars copulationis des weiblichen Genitale. p.102-23. 8° Basel, 1932.

Also Arch. Gyn., Berl., 1932, 149:

PAROLI, G. Il problema della sensibilità degli organi genitali interni femminili e la questione del dolore nelle affezioni ginecologiche e nel travaglio di parto. 104p. 8° Bologna, 1934.

Also Riv. ital. gin., 1934, 16: 113-210.

SEGOND, R. *Etude de l'innervation des organes génitaux de la femme; déductions chirurgicales que l'on peut tirer de cette étude. 59p. 8° Par., 1926.

Bacq, Z. M., & Brouha, L. Contribution à l'étude des réactions du tractus génital femelle après énérvation sympathique. C. rend. Soc. biol., 1932, 109: 546-8.—Beetz, F. Ueber die von den weiblichen Geschlechtswerkzeugen auslösbaren Empfindungsqualitäten (mit besonderer Berücksichtigung der Leistungen des Schmerzsinnes) Arch. Gyn., Berl., 1936, 162: 106-39.—Binet, A., & Beau, A. Vue d'ensemble sur l'innervation de l'appareil génital de la femme. Gyn. obst., Par., 1932, 25: 263-76.—Brouha, L., & Bacq, Z. M. Recherches expérimentales sur le système nerveux sympathique et le tractus génital chez la femelle. Bruxelles méd., 1931-32, 12: 760-2.—Gál, F. [Functions of the genital organs in women in relation to the nervous system] Gyógyászat, 1930, 70: 633; 661; 678.—Keiffer, H. Physiologie du système nerveux génital chez la femme. Rev. fr. gyn. obst., 1933, 28: 449-64, 7 pl.—Kimura, S. Embryological investigation of the nerve-endings distributed in the external genitals of the human fetus, especially in the clitoris and the labium minus pudendi. Jap. J. Obst., 1930, 13: 90-101.—Latarjet, A., & Rochet, P. Innervation des organes génitaux internes de la femme. Ann. Med., Par.,

1927-28, 1: 117-27.—Machado, N. Enervação do aparelho genital da mulher. Arch. brasil. med., 1928, 18: 805-7, 3 pl.—Minamikawa, K. Experimental investigation of the effect of the nervous system on the function of the genital organs; relation between sympathectomy and para-sympathetic poison and pregnancy. Jap. J. Obst., 1930, 13: 433-6. —What influence will be brought about on the organic change of female genitals caused by spermatotoxin, by the mechanical disturbance of sympathetic nerve? Ibid., 1931, 14: 124-7.—Ozaki, M. A histological study of the peripheral nerve in the human female genitals. Ibid., 1936, 19: 2, 13 pl.; 137, 9 pl.—Pou Orfila, J. Inervación vegetativa general e inervación genital feminina; su importancia clínica. Arch. urug. med., 1933, 2: 47-67, 6 pl.—Sato, T. Morphologische Studien über die Innervation der weiblichen inneren Geschlechtsorgane von Vögeln und Säugetieren. Mitt. Med. Akad. Kioto, 1931, 5: 8; 11.—Vignes, H. Innervation des organes génitaux. Rev. internat. méd. chir., 1925, 26: 127-33.—Vozza, F. Contributo sperimentale allo studio del comportamento degli organi genitali femminili dopo enervazione simpatica. Ann. ostet. gin., 1935, 57: 91-117, ch.—Yamasaki, S. Ueber die Schmerzempfindlichkeit der weiblichen Geschlechtsorgane Kinki fujinka gakkai zasshi, 1926, 9: No. 2, 10.

— Motility, and muscles.

Bakke, S. N. [Normal uterine and tubal peristalsis; pathological alterations] Med. rev., Bergen, 1928, 45: 369-90.—Petit-Dutailis, P. Etude clinique et radiologique des troubles moteurs en gynécologie. Gynécologie, 1930, 29: 193-240.—Stefánik, S. [Studies on peristalsis of the genital apparatus in woman, from the point of view of innervation, internal secretion, and on the basis of pathologic-anatomical findings] Bratislav. lek. listy, 1935, 15: 1171; 1101.

— Mycosis.

See also subheadings Actinomycosis; Infection.

Consoli, D., & Pirotta, P. Gli ifomiceti del canale genitale nel campo ostetrico e ginecologico. Athena, Roma, 1932, 1: 130-8.—Froilano de Mello, I., & Lobato de Faria, C. L. On the parasitism of feminine genital organs by yeasts and yeast-like fungi (feminine genital leucosis) Ind. J. Vener. Dis., 1937, 3: 105-7. Also Gior. batt. immun., 1937, 19: 1-8.—Hamblen, E. C., Baker, R. D., & Martin, D. S. Blastomycosis of the female reproductive tract. Am. J. Obst., 1935, 30: 345-56.—Perazzi, P. I niceti dimoranti nella regione genitale della donna. Atti Acad. fisior. Siena, (1925) 1926, 9. ser., 17: 361-410, 2 pl. Also Fol. gyn., Pavia, 1928, 25: 401-31.—Risak, E. Ueber eine seltene, vermutlich durch einen Pilz hervorgerufene Granulationsgeschwulst des äusseren weiblichen Genitales. Virchows Arch., 1925, 257: 744-50.—Wood, M. A., & Wellensiek, E. K. Notes on a species of fungus as apparent pathogen in cases of subacute and chronic lesions of the female generative organs. Med. Rec., Houston, 1937, 31: 135.

— Neurosis.

See also subheading Disease, functional.

PAPPENHEIM, M. Neurosen und Psychosen der weiblichen Generationsphasen. 107p. 8° Wien, 1930.

Flatau, W. S. Psychogene Ursachen gynäkologischer Beschwerden. Aertzt. Rdsch., 1925, 35: 198; 214.—Horney, K. Psychogenic factors in functional female disorders. Med. Woman J., 1933 40: 319-25.—Meyer-Rüegg, H. Die psychisch bedingten Leiden im weiblichen Genitale. Schweiz. med. Wschr., 1925, 55: 1199-202.—Novak, J. Die psychogenen Erkrankungen der weiblichen Sexualsphäre. Wien. med. Wschr., 1938, 88: 341-4.—Planer, R. Zur Sympathicusneurose der weiblichen Sexualorgane. Fortsch. Med., 1925, 43: 199-206.

— Pharmacology.

KNAB [K.] R. [A.] *Ueber die Wirkung narkotischer Stoffe auf die normalen Geschlechtsfunktionen weiblicher Nagetiere. 15p. 8° Lpz., 1935.

Cerebone, R. Modificazione del tasso glicemico per azione di estratto acquoso di organi e tessuti della sfera genitale (utero, salpinge e ovaia) Studium, Nap., 1935, 25: 308-11.—Clauser, F. Ricerche sperimentali ed istologiche sulla fissazione di colloidi nell'apparato genitale femminile. Clin. ostet., 1929, 31: 349-57.—Hashimoto, T. Experimental investigation of the effect of aloetics on the female genitals of the normal rabbit. Jap. J. Obst., 1930, 13: 54-8, 2 pl. —An experimental study on the effect of vitamin B on the female genitals; on the effect of vitamin B on the pharmacosenitivity of pregnant uterus of white rats with excessive vitamin B. Ibid., 1937, 20: 499-502. —On the effect of medicaments on the uterine movement in the puerperal white rats with excessive vitamin B. Ibid., 503-5.—Kurczok, R., Miller, E. G., jr [et al.] The action of traseratin on the rabbit ovary and uterus. Endocrinology, 1940, 26: 827.—McPhail, M. K. The effect on the reproductive organs of the rat of prolonged treatment with ovary-stimulating substances. J. Physiol., Lond., 1933, 180: 105-12.

— Physiology.

See also Birth; Climacteric; Coitus; Estrus cycle; Labor; Menstruation; Pregnancy; Puerperium; Reproduction; Sex life.

GAUDEBOUROS, M. *Essai d'une théorie humorale des fonctions génitales de la femme. 37p. 8° Par., 1931.

BALL, J. Sex behavior of the rat after removal of the uterus and vagina. J. Comp. Psychol., 1934, 18: 419-22.—BROUHA, L. La physiologie neuro-humorale de l'appareil génital femelle. Gynécologie, 1938, 37: 553-9.—CASCIVILLA, F. P. Influenza del siero di sang. e nei vari periodi di attività sessuale della donna sulla cristallizzazione del cloruro di sodio. Atti Accad. fisior. Siena, 1936, 11. ser., 4: 402-7.—DOBOSZAY, L. Weitere Studien über den Entstehungsmechanismus des physiologischen Genitalmilieus. Zbl. Gyn., 1936, 60: 707-13.—DYROFF, A. Neues zur Physiologie der weiblichen Geschlechtsorgane. Münch. med. Wschr., 1926, 73: 341.—Beiträge zur Physiologie des weiblichen Genitaltraktes. Arch. Gyn., Berl., 1927, 132: 10-12. [Discussion] 16-9.—Zustandsänderungen und funktionelle Abläufe am weiblichen Genitale. Fortsch. Röntgenstrahl., 1937, 56: 112-4.—FABIAO, M. M. Novas noções sobre a fisiologia genital feminina. Fol. med., Rio, 1932, 13: 83-9.—HAUTAIN, W. F. T. Recent advances in female sexual physiology with suggestions regarding their possible therapeutic value. Practitioner, Lond., 1933, 130: 534-44.—KENNEDY, J. E. T. Some facts in the physiology of the female genital tract. J. Med., Cincin., 1928-29, 9: 178-85.—LAHM, W. Zur Physiologie des Uterus, der Scheide und der Klitoris als Organe der inneren Sekretion. In Handb. inn. Sekret. (Hirsch) Lpz., 1929, 2: 1. Hälfte, 397-406.—LOESER, A. Ovarium, Tube und Uterus als Funktionseinheit (nach Versuchen mit P. Gumbrecht). Arch. exp. Path., Lpz., 1938, 190: 225.—MACZEWSKI, S. (Rôle of the constitutional factor in the coordination of the genital organs in woman) Polska gaz. lek., 1936, 15: 489.—POULAIN, O. Quelques notes sur l'évolution de la physiologie génitale féminine. Progr. méd., Par., 1933, 1734-8.—SEARS, N. P. A summary of the physiology of the female reproductive system; some clinical observations. N. York State J. M., 1933, 33: 690-3.—ZUCKERMAN, S. Water-retention in the reproductive organs of female monkeys. J. Physiol., Lond., 1938, 94: No. 3, Suppl., 3.

— Prolapse.

See also Bladder, Hernia; Perineum, Injury; Rectum; Uterus; Vagina.

HADRA, B. E. Lesions of the vagina and pelvic floor, with special reference to uterine and vaginal prolapse. 329p. 8° Phila., 1888.

KLUGE, F. E. *Sind bei Frauen mit Descensus vaginae et uteri beziehungsweise bei Frauen, die dem Symptomkomplex der Asthenie Stillers angehören, Insuffizienzen des peripheren Bindegewebes mit dem Elastometer nachweisbar? 19p. 8° Kiel, 1926.

WAGNER, E. *Ueber die Aetiologie des weiblichen Genitalprolapses (Prolaps und späte Erstgeburt) [Bonn] 31p. 22cm. Beuel, 1935.

WESSING, E. *Ueber den Einfluss des Alters bei der Erstgeburt auf die Entstehung der Genitalprolapse. 30p. 8° Würzb., 1931.

ADAIR, F. L. Prevention and treatment of genital prolapse. Minnesota M., 1940, 23: 609-14.—COOK, F. Observations on genital prolapse. Guy's Hosp. Gaz., Lond., 1937, 51: 292-5.—DIAMANT-BERGER, L. Le prolapsus génital consécutif aux hystérectomies. Bull. méd., Par., 1938, 52: 361-3.—DOUGAL, D. Genital prolapse. Practitioner, Lond., 1932, 129: 347-50.—FILIPPI, J. de. Gran prolapsus genital y rectal en una mujer de 80 años. Bol. Soc. cir. B. Aires, 1933, 17: 1085-96. Also Sem. méd., B. Air., 1934, 41: 96-9.—GIORDANO, D. Del prolapsus genitale quale maschera ad affezioni viscerali diverse. Rinasco, med., 1927, 4: 247; 271.—GOODFRIED, M. S., & SCHNAYERSOHN, E. F. The relationship of the primiparous state to genital prolapse. Rep. Surg. Staff Woman Hosp. State N. York, 1925-28, 6: 355-61.—GOURDET, J. Discussion sur les prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32. Congr., 359-62.—GRÉGOIRE, J. Les prolapsus génitaux. Rev. gén. clin. théor., 1937, 51: 625-7.—KRAUL, L. Der Genitalprolaps. Ber. ges. Gyn., 1938-39, 37: 1-18.—KRITZLER, H. Zur Wertung von Descensus und Prolaps bei der ländlichen Arbeiterfrau. Arch. Frauenk., 1923, 9: 198-201.—LONNE, F. Ist der Genitalprolaps eine Folge der späten Erstgeburt? Zbl. Gyn., 1928, 52: 360-9.—MEDINA, J. Etiologia do prolapsus genital. Ann. Fac. med. S. Paulo, 1937, 13: 377-89, 3 pl.—MENGERT, W. F., & MURPHY, D. P. Intra-abdominal pressures created by voluntary muscular effort; relation to body measurements, with a comment on etiology of genital prolapse. Surg. Gyn. Obst., 1934, 58: 150-4.—MURRAY, H. L. Genital prolapse: observations on its diagnosis, mechanism, and treatment. Brit. M. J., 1932, 2: 744-7.—SCHWARTZ, A. Des prolapsus génitaux après la ménopause et chez les femmes âgées. Paris méd., 1939,

111: 411.—SCIPIADES. Theorie und Heilung des Prolapses. Arch. Gyn., Berl., 1938, 166: 297-308. [Discussion] 312-9.—SIMARD, R. Contribution préliminaire à l'étude du prolapsus génital chez les femmes âgées. Union méd. Canada, 1940, 69: 482-4.—SPIEGEL, N. A. Ueber den Einfluss sozialer Faktoren auf die Entstehung der Genitalseinkunkungen und Prolapse bei Frauen. Arch. Gyn., Berl., 1925, 124: 823-32.—VUWINK, J. Predisposing factors to pelvic relaxation and prolapse (etiology) California West. M., 1926, 25: 206-8.—WILLIAMS, E. Genital prolapse. Clin. J., Lond., 1938, 67: 103-9.

— Prolapse: Complications.

GOLDSMITH, M. *Die Kombination des Prolapses der Genitalorgane mit Karzinom [Basel] 31p. 24cm. Mulhouse, 1937.

LINDEMANN, W. Zur Therapie der senilen Prolapszystitis. Zbl. Gyn., 1938, 62: 200.—PARCELIER, A. Un cas de prolapsus génital complet compliqué d'éviscération du grêle à travers le cul-de-sac de Douglas. Bordeaux chir., 1935, 6: 378.—SCHMITZ, H., & LAIBE, J. E. F. The influence of prolapse of the uterus and vagina on the urinary tract. Urol. Cut. Rev., 1929, 33: 290-3.—SPIRA, R. Prolapsus génital et état gravidopuerpéral. Strasbourg méd., 1939, 99: 288. Also Bull. Soc. gyn. obst. Paris, 1939, 28: 493.—TRAINA RAO, G. Note cliniche sull'associazione delle ernie col prolapsus genitale. Rev. ital. gin., 1935-36, 18: 215-66.—WASMUHNT, K. Schwangerschaft und Geburt bei Totalprolaps. Zbl. Gyn., 1939, 63: 323-8.

— Prolapse: Treatment.

See also Cervix, Surgery; Uterus, Surgery; Vagina, Surgery, &c.

BAADER, H. *Beitrag zur Indikation, Technik und zu den Erfolgen der Behandlung des Genitalprolapses beim Weibe durch die Scheidendipelpung nach Neugebauer-Leport [Giessen] 24p. 8° Bochum-L., 1936.

BRANS, O. *Ergebnisse plastischer Operationen nach Descensus und Prolaps [Heidelberg] 19p. 22½cm. Bonn, 1936.

CRÉMER (née VINAYER) V. *Contribution à l'étude du procédé de Le Fort dans le traitement du prolapsus génital sénile. 37p. 8° Par., 1925.

FAYOT, R. P. *Traitement chirurgical des prolapsus génitaux. 189p. 2 pl. 8° Par., 1932.

HANANIA, I. *Contribution à l'application du cloisonnement élargi du vagin à tous les degrés du prolapsus génital. 69p. 24½cm. Par., 1938.

HEMJE, E. *Der Prolaps der weiblichen Genitalorgane und die Dauererfolge der an der Göttinger Universitäts-Frauenklinik in der Zeit von 1918 bis 1926 ausgeführten Prolapsoperationen. 34p. 8° Gött., 1931.

HEVELKE, G. *Die Promontorioxfixur des Uterus und der Vagina bei ungewöhnlich grossen und komplizierten Prolapsen [Berlin] 19p. 22½cm. Würzb., 1936.

JAGOT, B. *La colpectomie totale simple dans le traitement des prolapsus génitaux. 67p. 8° Par., 1929.

KAMPIK, F. *Ergebnisse der vaginalen Plastikoperationen beim genitalem Descensus und Prolaps an der Berliner Universitäts-Frauenklinik aus den Jahren 1926-1930. 19p. 8° Berl., 1935.

MÜLLER, G. *Die Ergebnisse der Descensus- und Prolaps-Operationen (unter Ausschluss der vaginalen Plastik allein sowie in Kombination mit Alexander-Adams und der direkten Muskelplastik) Fälle der Berliner Universitäts-Frauenklinik aus den Jahren 1926-1930. 25p. 8° Berl., 1937.

ROUERGUE, G. N. A. *Etude statistique du traitement chirurgical des prolapsus génitaux, 1924 à 1938. 55p. 23½cm. Bord., 1938.

SOSNOWSKA-LIVET, J. *Du massage gynécologique dans le prolapsus génital. 76p. 8° Par., 1927.

VITKOVITCH, B. *Traitement des prolapsus génitaux par le procédé d'Halban. 49p. 25½cm. Lyon, 1937.

- Adair, F. L., & DaSef, L. The Le Fort colpoceleis. Am. J. Obst., 1936, 32: 218-26.—Ahltorp, G. A contribution to the question of operative treatment of genital prolapse; a comparative study of the results from the Upsala clinic during the period 1924-31. Acta obst. gyn. scand., 1933-34, 13: 368-442.—Althabe, O. M. Resultados de la operación de Fothergill en el tratamiento del prolapsus genital. Prensa méd. argent., 1939, 26: pt 2, 2533-47.—Anderson, E. G. Vaginal hysterectomy coupled with colpoperineorrhaphy in certain forms of genital prolapse. N. Zealand M. J., 1928-29, 27: 388-93.—Andriakos, T. Beitrag zur operativen Behandlung des weiblichen Genitalprolapses. Mschr. ungar. Med., 1932, 6: 11-3.—Aristamiantz, G. I. [Transplantation of fascia lata to region of pubo-rectalis muscle in surgical treatment of prolapse of vagina and uterus] J. akush., 1927, 38: 200-11.—Aubert, L. Le prolapsus génital et son traitement. Schweiz. med. Wschr., 1930, 60: 640; 664; 684.—Azevedo, G. V. de. L'opération de Kielland dans le traitement des prolapsus génitaux. Rev. sudamér. méd., Par., 1931, 2: 910-23.—Bánó, G. Operative Behandlung der Scheiden- und Gebärmutterentkungen. Zbl. Gyn., 1932, 56: 2957-61.—Bardi, E., & Molino, A. H., Boero, R. A. La colpohisterectomia vaginal como tratamiento del prolapsus útero-vaginal en la menopausa. Sem. méd., B. Air., 1937, 44: 372-7.—Bégouin. Etude critique des interventions pratiquées contre les prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 240-70.—Bloch, J. C., & Blondin, S. Traitement des prolapsus génitaux chez les femmes âgées. Médecine, Par., 1932, 13: 265-9.—Blondin, S. Les prolapsus génitaux récidivés après opération. Bull. méd., Par., 1938, 52: 65-9.—Bonnet, L. A propos du traitement des prolapsus génitaux des femmes âgées. Bull. Soc. obst. gyn. Paris, 1935, 24: 195.—Bottaro, L. P. Tratamiento del prolapsus genital completo. Arch. urug. med., 1935, 7: 405-20.—Brocq, P., & Dupeux, B. Nouvelle statistique d'opérations de Le Fort; résultats de 14 cas de cloisonnement large du vagin pour prolapsus génital complet chez des femmes âgées. Bull. Soc. obst. gyn. Paris, 1935, 24: 128-34.—Christich, S. De l'opération de Le Fort et le traitement du prolapsus génital complet chez des femmes âgées; à propos de 8 cas personnels. Ibid., 1935, 27: 319-23.—Costantini. Prolapsus génital; colpocetomie subtotale avec amputation du col (opération de Bouilly) Ibid., 1927, 16: 217-9.—Cotte, G. Sur le traitement des prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 386-9.—Résultats éloignés de l'opération de Schauta-Wertheim-Kielland dans le traitement des prolapsus génitaux. Gyn. obst., Par., 1929, 19: 337-53.—Coulin, R. F. La exohisteropexia en el prolapsus genital; exohisteropexia subcutánea. Actas Congr. nac. med., B. Air. (1931) 1932, 4 Congr., pt 5, 373-81.—Cunningham, J. F. The choice of operation in the treatment of genital prolapse. Irish J. M. Sc., 1936, 6, ser., 24-31.—Dannreuther, W. T. Secondary sequelae after interposition of the uterus. Tr. Am. Gyn. Soc., 1937, 61: 235-45.—Davydov, V. I. [On the significance of the constitution and the angle of inclination of the pelvis in the etiology of the prolapse of the sexual organs in women] Kazan. med. J., 1930, 26: 996-1001.—Delbet, P. Résultats opératoires dans le traitement des prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 410-5.—Dieulaef, M. L. Prolapsus génital total, chez une femme très âgée, traité par l'opération de Le Fort. Bull. Soc. obst. gyn. Paris, 1929, 18: 674.—Dionisi, H. Indicaciones y técnica de la histerectomía vaginal en el tratamiento del prolapsus genital. Día méd., B. Air., 1935, 7: 1358.—Tratamiento del prolapsus genital. Sem. méd., B. Air., 1940, 47: 927-32.—Di Paola, G. Resultados del tratamiento del prolapsus genital por la operación de Halban. Día méd., B. Air., 1929-30, 2: 987.—Dujarier, C. De la colpocetomie totale dans le prolapsus complet des femmes âgées. P. verb. Congr. fr. chir., 1923, 32: 334-6.—Dumar, O., N. J. Una nueva histeropexia para el tratamiento de los prolapsos genitales. Colombia méd., 1939, 1: 360-78.—Duverges, C. J., Merchante, F. R., & Vollenweider, C. Un procedimiento sencillo para la contención del prolapsus genital total de las ancianas; operación de Kahr. Bol. Soc. obst. gin. B. Aires, 1938, 17: 440-8.—Duvergey, J. Traitement des prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 374-7.—Enriquez, S. A. Tratamiento quirúrgico del prolapsus genital. Cir. ciruján., Méx., 1939, 7: 33-69.—Evelbauer, K. Zur Operation des Prolapses im Senium nach Kahr. Zbl. Gyn., 1939, 63: 270-4.—Fischer, G. Sur le traitement qu'il convient d'appliquer aux prolapsus génitaux, d'après le docteur H. Violet. Concours méd., 1940, 62: 79.—Fothergill, W. E. The development of vaginal operations for genital prolapse. Brit. M. J., 1926, 1: 278.—Fourmestraux, J. de. Sur le traitement des prolapsus génitaux des femmes âgées. P. verb. Congr. fr. chir., 1923, 32: 322.—Fox, E. A. Contribución a la discusión del tema: el valor comparativo de los diversos métodos operatorios en el tratamiento del prolapsus uterovaginal. Bol. Soc. obst. gin. B. Aires, 1932, 11: 571-4.—Fraenkel, L. The principles of the treatment of genital prolapse; the technic of ventrofixation of the vagina. Am. J. Obst., 1927, 13: 757-9.—Frangulova, M. C. [Conservative methods in the treatment of inflammatory diseases of the genital organs in women] J. akush., 1929, 40: 248-53.—Gómez Azcárate, G. El tratamiento quirúrgico del prolapsus genital por la colpocetomía anterior con amputación supravaginal del cuello. An. clin. Hosp. Juárez, Méx., 1931, 1: 179-82.—Gómez de Rosas, N. Variedades del prolapsus genital y sus indicaciones operatorias. Rev. med. cir. Habana, 1937, 42: 487-93.—Goodall, J. R., & Power, R. M. H. A modification of the Le Fort operation for increasing its scope. Tr. Am. Gyn. Soc., 1938, 62: 29-37. Also Am. J. Obst., 1937, 34: 968-76.—Haim, E. Zur Levatornaht bei Operationen des Genitalprolapses. Zbl. Gyn., 1928, 52: 173.—Hargraves, R. L. Operative treatment for cystocele and procidentia in women who have passed the child bearing age. Dallas M. J., 1925, 11: 212.—Hartmann, I. P. [Treatment of genital prolapse especially by Schauta-Wertheim's operation] Hospitalstidende, 1931, 74: Foren. Gyn. Obst. Forh., 52-60.—Hautefort, L. La suspension du col après hystérectomie subtotale comme moyen de traitement préventif ou complémentaire dans les prolapsus génitaux. Bull. Soc. chir. Par., 1928, 20: 572-82.—Heidler, H. Die operative Behandlung des Genitalprolapses. Chirurg, 1930, 2: 1013-9.—Holstein, K. Die Behandlungsergebnisse der Frauenklinik Münster beim Vorfalle und der Senkung der weiblichen Genitalorgane. Arch. Gyn., Berl., 1938, 166: 292-4 [Discussion] 312-9.—Konservative und operative Therapie des Deszensus und des Prolapses des weiblichen Genitales. Ther. Gegenwart, 1938, 79: 544-7.—Ergebnisse der operativen Behandlung der Senkungen und Vorfälle des weiblichen Genitales. Zschr. Geburtsh. Gyn., 1938, 117: 86-94.—Die Behandlungsergebnisse der Frauenklinik Münster beim Vorfalle und der Senkung der weiblichen Genitalorgane. Zbl. Gyn., 1938, 62: 127.—Hortolomei, N., & Burghel, T. La colpoperineorrhaphie comme traitement du prolapsus génital; sa valeur en comparaison avec les autres méthodes; résultats opératoires. Gyn. obst., Par., 1932, 25: 277-84.—Hüssy, P. Die Therapie des weiblichen Genitalprolapses. Schweiz. med. Wschr., 1930, 60: 633; 655.—Iankelovich, E. I. [Remote sequelae of hemicolpocetomy with transplantation of the cardinal ligaments in prolapse of the uterus and vagina] Akush. gin., 1938, No. 10, 26-34.—Ibarbia, J. A. La corrección del colpoctocoele en el prolapsus genital; primer tiempo de la operación de Halban. Prensa méd. argent., 1937, 24: 649-60.—Imbert, L. Sur le traitement des prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 324-33.—Iribarne, J. Tratamiento de los prolapsos genitales. Bol. Soc. obst. gin. B. Aires, 1932, 11: 699-706.—Jourdan, M., & Silhol. Traitement des prolapsus génitaux. Arch. fr. belg. chir., 1923, 26: 680-2.—Kahr, H. Ein einfaches Operationsverfahren bei Prolaps aller Frauen. Mschr. Geburtsh. Gyn., 1937-38, 107: 254.—Krieg, E. G. Conservative repair of pelvic prolapse. J. Michigan M. Soc., 1935, 34: 156.—Krull, W. Der Scheidenverschluss mit do pelter enger Schlauchbildung als Operation der Wahl bei Totalvorfällen aller Frauen. Mschr. Geburtsh. Gyn., 1922, 58: 49-59.—Laurentie. Traitement du prolapsus génital complet chez les femmes âgées; la suppression du vagin est une opération souvent excessive et non indispensable. Gyn. obst., Par., 1927, 15: 379-81.—Leclerc. Le traitement des prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 370-4.—Leibovici, R., & Yovanovich, B. Y. La suspension haute de l'utérus est l'opération de choix dans les prolapsus génitaux rebelles. J. méd. Par., 1938, 58: 51-3. Also Rev. chir., Par., 1937, 75: 582-608.—Lemarinie, N. K. [Operative methods in treatment of prolapse of pelvic organs] J. akush., 1929, 40: 640-5.—Lenormant, C., & Dreyfus, P. L'opération de Bouilly (colpocetomie antérieure et amputation supra-vaginale du col dans le traitement de prolapsus génitaux) Gyn. obst., Par., 1931, 24: 1-20.—Leventhal, M. L., & Boshes, L. D. The Manchester (parametrial fixation) operation for cure of prolapse and cystocele. Am. J. Obst., 1939, 37: 384-93.—Loicq, R. Résultats du traitement du prolapsus génital complet par l'opération de Bouilly. P. verb. Congr. fr. chir., 1923, 32: 308.—Machado, F. Colpoperineorrhaphia; profilaxis del prolapsus genital. Mem. Congr. méd. peninsular (1933) 1934, 1, congr., 27-34.—Machado, L. M. Cura do prolapsus genital quando o utero deve ser removido. Rev. gyn. obst., Rio, 1937, 31: 144-60.—Mahfouz Bey, N., & Boulgakow, B. Some observations on the aetiology and treatment of prolapse of the pelvic organs. J. Egypt. M. Ass., 1934, 17: 490-501.—Maier, F. H., Thudium, W. J. The Fothergill operation; a standardized procedure for the correction of genital prolapse. Pennsylvania M. J., 1932, 35: 640-4.—Malinin, A. I., & Dikova, T. I. [Kielland's operation in prolapse of the sexual organs in women] Akush. gin., 1937, No. 12, 88-90.—Mayer, A. Ueber Besonderheiten bei der Operation des Genitalprolapses. Mschr. Geburtsh. Gyn., 1936, 103: 194-7. Also Zbl. Gyn., 1936, 60: 2673; 1937, 61: 165.—Mestitz, W. The Halban operation for genital prolapse. Surg. Gyn. Obst., 1932, 54: 663-72.—Meyer, C. Zur Ringbehandlung der Scheiden- und Gebärmutterentkungen. Deut. med. Wschr., 1926, 52: 242.—Michel, G., & Rousseaux, R. L'opération de Bouilly dans le traitement des prolapsus génitaux. Gynécologie, 1935, 34: 375-89.—Moiroud. Prolapsus génital chez une femme jeune; opérations successives; amélioration. Arch. fr. belg. chir., 1923, 26: 607.—Moiroud, P., & Casalta. La position de l'hystérectomie vaginale dans le traitement des prolapsus génitaux. Bull. Soc. obst. gyn. Paris, 1935, 24: 596-8.—Moreno Saucedo, J. Técnica operatoria en el prolapsus genital de tercer grado, por el procedimiento de Weissmann. An. clin. Hosp. Juárez, Méx., 1931, 1: 159-92.—Opocher, E. Considerazioni sopra alcuni metodi operatori del prolapsus genitale completo. Clin. ostet., 1939, 41: 233-41.—Ott, D. [Cure of prolapsed organs of the true pelvis by restoration and strengthening of corresponding muscles; desirability of abolishing

ing operations of fixation or of suturing these organs] J. akush., 1927, 38: 661-3.—Palazzo, O. R. Operación de Halban; algunos detalles de técnica. Bol. Soc. obst. gin. B. Aires, 1938, 17: 253.—Palmer, A. C. Prolapse: the prolapse syndrome, and its treatment. Med. Press & Circ., Lond., 1934, 189: 534-42.—Pascalis, G. Traitement chirurgical du prolapsus utéro-vaginal total des vieilles femmes. Bull. Soc. méd. Paris, 1935, 508-12.—Pavlovsky, A. J. Prolapso genital; operación de Bouilly; modificación a la técnica. Congr. argent. cir., 1930, 2. Congr., 1064-75.—Peeples, D. L. A complete procidentia treated by cataphoresis. Am. J. Phys. Ther., 1926-27, 3: 82-4.—Phaneuf, L. E. The place of colpectomy in the treatment of uterine and vaginal prolapse. Tr. Am. Gyn. Soc., 1936, 60: 143-56.—Pollok, L. W. The surgical treatment of uterovaginal prolapse. Texas J. M., 1940-41, 36: 15-8.—Porges, H., & Zimmer, E. Die operative Behandlung des Genitalprolapses. Arch. Gyn., Berl., 1929, 136: 528-49.—Powell, L. D. Utilization of abdominal rectus fascia in the repair of uterine, vaginal or cervical prolapsus. Tr. West. Surg. Ass. (1938) 1939, 48: 506-18.—Redell, G. Contribution to the question of the result of operative treatment of genital prolapse. Acta obst. gyn. scand., 1932, 12: 254-66.—Reyes, F. La operación de Schauta-Wertheim para el tratamiento del prolapso genital. Cir. ciruján, Méx., 1937, 5: 1-10.—Rossenbeck, H. Indikation, Technik und Erfolge der operativen Behandlung der Senkungen und Vorfälle des weiblichen Genitales auf Grund der Erfahrungen der Giessener Klinik. Arch. Gyn., Berl., 1938, 166: 286-92. [Discussion] 312-9. Also Zbl. Gyn., 1938, 62: 127.—Rouhier, G. Traitement chirurgical des prolapsus utéro-vaginaux. Sem. hôp. Paris, 1931, 7: 490-500.—Roussiel, M. Traitement chirurgical du prolapsus genital complet. P. verb. Congr. fr. chir., 1923 32: 312-4.—Savaud, A. Etude critique des interventions pratiquées contre les prolapsus génitaux. Ibid., 271-302.—Schauller, G. C. Prolapse of the female genitalia; a descriptive review. Northwest M., 1927, 26: 227-35.—Schmid, H. H. Dauerefolge der Halbanschen Vorfalloperation. Arch. Gyn., Berl., 1938, 166: 308-12. [Discussion] 312-9.—Schockaert, Hystérectomie vaginale pour prolapsus complet chez une nullipare octogénaire. Bruxelles méd., 1925-26, 6: 1109.—Schwarz, R. La operación de Bouilly en el prolapso genital. Rev. méd. Rosario, 1933, 22: 687-93.—Schwartz, A., & Huard, S. Le prolapsus genital (étude des indications opératoires) Paris méd., 1931, 81: 520-5.—Séjournet, P. Remarques sur une statistique de 185 interventions chirurgicales pour prolapsus génitaux. Bull. Soc. chir. Paris, 1933, 25: 371-81.—Prolapsus génitaux; indications opératoires. Bull. Soc. méd. Paris, 1934, 535-43.—Sequelae (The) of certain operations for prolapse. Lancet, Lond., 1938, 1: 1344.—Shaw, W. F. The treatment of genital prolapse. J. Obst. Gyn. Brit. Empire, 1934, 41: 853-66.—Siegmund, H. Zur Collumamputation bei Genitalprolapsen. Zbl. Gyn., 1938, 62: 1881-6.—Spalding, A. B. A study of frozen sections of the pelvis with description of an operation for pelvic prolapse. Surg. Gyn. Obst., 1919, 29: 529-36.—Stepanov, P. A. [Combined operation in simultaneous prolapse of the genital organs and rectum in women] Nov. khir. arkh., 1938, 42: 317-9.—Stevens, T. G. The treatment of pelvic floor prolapse. Med. Press & Circ., Lond., 1932, 134: 382-5.—Sztehlo, S. Bemerkungen zur Arbeit von Dr. Heinrich Rotter: Künstliche Sanduhrscheide als Prolapsooperation bei alten Frauen. Zbl. Gyn., 1932, 56: 2962.—Ter-Gabrielan, G. G. [Critical evaluation of operations in prolapse of the uterus and vagina] Klin. med., Moskva, 1931, 9: 392-9.—Thévenard, E. Etude critique des interventions pratiquées contre les prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 392-6.—Tierny, A. Traitement du prolapsus genital complet chez les vieilles femmes. Clinique, Par., 1925, 20: 420.—Topuze, S. I. [Non-specific immunotherapy in genital inflammations in women] Vrach. delo, 1929, 12: 469; 523.—Vanverts, J. Etude critique des interventions pratiquées contre les prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 362-7.—Vayssière & Donnet. A propos du traitement des prolapsus génitaux. Bull. Soc. obst. gyn. Paris, 1936, 25: 738-40.—Vergoz & Choussat. Quatre cas de prolapsus genital complet des femmes âgées traités par l'opération de Le-Fort. Ibid., 465-7.—Vogel, I., & Eberlin, N. Zur Frage über die Anwendung der peripheren Adventitiaektomie in der Therapie der entzündlichen Prozesse der weiblichen Sexualorgane. Arch. Gyn., Berl., 1928, 134: 643-9.—Vogt, E. Erfahrungen mit der Operation des senilen Prolapses nach Kahr. Zbl. Gyn., 1938, 62: 1688-90.—Walther, Etude critique des interventions pratiquées contre les prolapsus génitaux. P. verb. Congr. fr. chir., 1923, 32: 339-48.—Ward, G. G. Reconstructive pelvic surgery for genital prolapse; an evaluation of principles. J. Obst. Gyn. Brit. Empire, 1936, 43: 667-90. Also repr. Also Lancet, Lond., 1936, 1: 915.—Weibel, W. Die operative Behandlung der Senkungen und Vorfälle des weiblichen Genitales. Arch. Gyn., Berl., 1938, 166: 262-84.—Werner, P. Therapie des Genitalprolapses. Aerzt. Prax., Wien, 1934, 8: 221-3. Also Wien. klin. Wschr., 1934, 47: 659-62.—Westman, A. Untersuchungen über die Resultate der operativen Behandlung des weiblichen Genitalprolapses. Acta obst. gyn. scand., 1931, 11: 254-78.—Willems, C. Les principes du traitement du prolapsus genital. P. verb. Congr. fr. chir., 1923, 32: 302-6.—Wilson, J. S. Transposition (interposition) of the uterus for severe uterine and vaginal prolapse. J. Obst. Gyn. Brit. Empire, 1938, 45: 655-62, 3 pl.—Winge, K. [Operative treatment of genital prolapse, with interposition method] Hospitalstidende, 1928,

71: 910-4.—Yovanovitch, B. Y. Valeur comparative de la périnéorrhaphie et de l'hystéropexie dans le traitement des différents prolapsus génitaux. Clinique, Par., 1938, 33: 167-70. — Problème thérapeutique dans le prolapsus genital chez la femme après la ménopause. Monde méd., 1938, 48: 76-82. — Indicaciones terapéuticas en los prolapsos genitales. Rev. méd. veracruz., 1938, 18: 2665-73.

Pruritus.

Cotte, G., & Gaté, J. Trois cas de prurit ano-genital rebelles traités chirurgicalement. Gynécologie, 1935, 34: 624-9.—Migliavacca, A. Contributo all'etiopatogenesi e terapia delle dermatopatie genitali pruriginose essenziali nella donna. Arch. ital. derm. 1939, 15: 3-32.—Reznikow, H. [Roentgenotherapy of pruritus of the external genital organs in women] Polski przegl. radjol., 1934, 8: 9: 267-75.

Radiography.

See also subheading Examination; also Fallopian tube; Uterus; Vagina.

Ossa Ossa, A. *Contribución al estudio radiológico del aparato genital femenino. 75p. 8°. Valparaiso, 1930.

Béclère, A., & Béclère, C. L'exploration radiologique des organes génitaux internes de la femme. Sem. hôp. Paris, 1929, 5: 349; 375.—Bendel, W. L. The use of iodized oil as an aid in the diagnosis and its use for treatment in conditions of the female genital tract. N. Orleans M. & S. J., 1929-30, 82: 704-13.—Gastronovo, E. La roentgenodiagnostica dell'apparato genitale femminile. Nuntius radiol., Siena, 1934, 2: 3-29, 1 pl.—Hauser, H. Fluoreszenzerscheinungen am weiblichen Genitale. Strahlentherapie, 1929, 33: 582-7.—Joachimovits, R. Beobachtungen zur Physiologie, Pharmakologie und Klinik der inneren weiblichen Geschlechtsorgane vermittelt Röntgendarstellung des Cavum uteri und Tubenlumens sowie cystoskopischer Untersuchung. Virchows Arch., 1927, 263: 523-36.—Nahmmacher, H. Differentialdiagnostische Betrachtungen bei der röntgenographischen Darstellung des Genitalsystems. Fortsch. Röntgenstrahl., 1926, 35: 579-87.—Odicharia, S. K., & Zakrzewski, V. Le radiodiagnostic par corps opaques en gynécologie. Ann. roentg., Par., 1927-28, 3: 77-89.—Orndoff, B. H. X-rays in the detection of pathology of the cervix, corpus uteri and oviducts. Illinois M. J., 1936, 69: 88-91.—Pickhan, A. Welche Strahlendosen dürfen bei der Röntgenagnostik der weiblichen Zeugungsorgane nach den Ergebnissen der experimentellen Strahlenphysik in embryologischem Sinne als unschädlich betrachtet werden? Fortsch. Röntgenstrahl., 1936, 53: 901-4.—Zimmer, K. G. Die Herabsetzung der Strahlendosen bei gynaekologischen Röntgenuntersuchungen. Ibid., 1937, 55: 86-9.—Schultze, G. K. F. Die Bedeutung der Kontrastdarstellung der weiblichen Genitalien für die praktische Diagnostik. Zbl. Gyn., 1928, 52: 1770-80.—Fehlerrgebnisse bei der Kontrastdarstellung des weiblichen Genitales und ihre methodische Vermeidung. Ibid., 1922-31.—Gefahren und Schädigungen bei der Röntgenkontrastdarstellung der weiblichen Genitalien. Arch. Gyn., Berl., 1930-31, 144: 573-5. [Discussion] 584-6.—Die Technik der Kontrastdarstellung des weiblichen Genitales. Zbl. Gyn., 1931, 55: 946-58.—Kontrastfüllung der weiblichen Genitalorgane. Fortsch. Röntgenstrahl., 1937, 56: Kongr., 102.—Slivinski, R., Zawadowski, W., & Soltysik, R. [Radiodiagnosis of the genital organs in women] Lek. wojsk., 1928, 12: 1-39.—Stein, I. F., & Arens, R. A. Iodized oil and pneumoperitoneum combined in gynecologic diagnosis; preliminary report. J. Am. M. Ass., 1926, 87: 1299.—Vallebona, A., & Dogliotti, V. Contributo alla esplorazione radiologica dell'apparato genitale femminile. Ann. radiol., Bologna, 1937, 11: 126-49.—Zimmermann, R. Die röntgenologische Darstellung des weiblichen Genitalkanal. Deut. med. Wschr., 1927, 53: 327; 370; 413.

Sarcoma.

See also subheading Cancer.

Hagen, J. *Genital-Sarkome von 1912-32 an der Universitäts-Frauenklinik zu Bonn. 82p. 8°. Bonn, 1934.

Hornung, F. *Klinische und histologische Untersuchungen bei Genitalsarkomen [Heidelberg] 27p. 21cm. Gütersloh i. Westf., 1936.

Kieswimmer, A. *Das Melanosarkom der Gynäkologie. 24p. 8°. München, 1925.

Eisler, F. Zur Strahlbehandlung der Sarkome des weiblichen Genitales. Wien. med. Wschr., 1929, 79: 538.—Gál, F. Ueber das Sarkom der weiblichen Geschlechtsorgane. Arch. Gyn., Berl., 1925, 127: 122-48.—Gatter, G. Ueber Melanosarkome. Zbl. Gyn., 1927, 51: 1318-22.—Goldschmidt, H., & Koerner, J. Zur Prognose der Genitalsarkome. Mschr. Geburtsh. Gyn., 1927, 76: 443-51.—Haase, W. Zur Pathologie der Sarkome weiblicher Geschlechtsorgane besonders der Gebärmutter. Zschr. Geburtsh. Gyn., 1932, 102: 344-9.—Hollósi, K. [Sarcoma of female genitals] Budapesti orv. ujs., 1936, 34: 849-53.—Klaften, E., & Navrátil, E. Ueber Sarkome des Uterus und der Vagina. Zbl. Gyn., 1934, 58: 2170-88.—

London, B. Ueber Sarkome des weiblichen Genitale. Mschr. Geburtsh. Gyn., 1931, 89: 194-209.—Orlova, R. S. Etudes cliniques et anatomo-pathologiques du sarcome de l'appareil génital de la femme. Gyn. obst., Par., 1932, 25: 35-52.—Szenwicz, W. [Sarcomatous foci in a fibroma] Gyn. polska, 1939, 18: 98-103.

— Statics.

See also subheadings Prolapse; also Pelvis; Perineum; Uterus.

Bohnen, P. Untersuchungen zur Statik der weiblichen Geschlechtsorgane. Arch. Gyn., Berl., 1927, 132: 8-10 [Discussion] 16-9.—Jaschke, R. T. von. Stütz- und Haftapparat des weiblichen Genitales. Zschr. ges. Anat., 1. Abt., 1931, 94: 373-80.—Loreti, F. Sull'apparato di fissazione del pudendo femminile. Ricer. morf., 1931, 11: 129-48.

— Surgery.

See also Gynecology, surgical.

Cermenati, A. Chirurgia dei genitali femminili. p.647-782. 8° Roma, 1934.

In Manuale di chir. (Alessandri) Roma, 1934, 2: pt 2.

Proust, R., & Charrier, J. Chirurgie de l'appareil génital de la femme. 5. éd. 300p. 8° Par., 1922. Also 6. éd. 312p. 1927.

Reifferscheid, K. Operationen an den weiblichen Genitalien. p.897-942. 8° Jena, 1932.

In Fehler chir. oper. (Stich & Makkas) 2. Aufl., Jena, 1932.

Wagner, G. A. Die Eingriffe an den weiblichen Geschlechtsorganen. p.169-388. 4° Berl., 1933.

In Allg. & spez. chir. Operationslehre (M. Kirschner) Berl., 1933, 5: 1. T.

Zimmer, G. *Chemische Ausschaltung des Sympathicus an den Genitalorganen. 19p. 8° Bresl., 1931.

Bauer, O. Postoperative Erkrankungen des Harntraktes nach gynäkologischen Operationen. Deut. med. Wschr., 1938, 64: 1472-7.—Chevrie, L. Conservation des ovaires et conservation de l'utérus. Mém. Acad. chir., Par., 1938, 64: 702.—Janisch-Rasković, V. Beitrag zur Anästhesiefage bei kleinen Eingriffen am weiblichen Genitale. Münch. med. Wschr., 1935, 82: 1195.—Kraatz, Zur Differentialdiagnose postoperativer Erscheinungen nach gynäkologischen Eingriffen. Zschr. Geburtsh. Gyn., 1938-39, 118: [Discussion] 338.—Mandelstamm, A. Reinheitsgrad der Scheide, Virulenz der Cervixkeime und postoperative Verlauf. Zbl. Gyn., 1927, 51: 1271-7.—Mikulicz-Radecki, F. von. Die wichtigsten Operationen an den weiblichen Geschlechtsorganen. In Chir. Operat. (Bier, Braun, Kümmler) 1933, 4: 448-517.—Murray, E., & Herrberger, K. Ueber den funktionellen Zustand der Scheidenschleimhaut nach operativen Eingriffen am Genitale. Arch. Gyn., Berl., 1938, 167: 167-88.—Romaniello, G. Contributo alla terapia dei dolori lombari degli operati. Atti Accad. fisiocr. Siena, 1938, 11. ser., 6: 15.—Worrall, R. Some plastic operations on the female genital tract. J. Coll. Surgeons Australasia, 1928, 1: 85-94.

— Tumor.

See also subheadings Cancer; Cyst; Endometriosis; Sarcoma.

Abruzzese, G. La predisposizione costituzionale ai tumori degli organi genitali nella donna. 115p. 8° Bologna, 1934.

Also Riv. ital. gin., 1934, 17: Suppl., 1-115.

Andreas, H. *Die Blutkörperchensenkungs-geschwindigkeit in bezug auf gynäkologische Tumoren (Neubildungen) [Jena] 27p. 21cm. Borna-Lpz., 1938.

Duderstadt, M. H. *Bericht über 16 in der Gravidität operierte Genitaltumoren. 46p. 8° Gött., 1932.

Eyer, P. G. *Etude sur les tumeurs du vagin et de l'utérus chez la vache [Alfort] 73p. 8° Par., 1929.

Lachmann, L. *Genitaltumoren und Schwangerschaft [Heidelberg] 28p. 21½cm. Würzb., 1938.

Marquardt, E. *Beitrag zur Differentialdiagnose zwischen Tumoren der weiblichen Genitalien und benachbarter Bauchorgane. 24p. 8° [Berl.] 1935.

Matzdorff, K. *Worin kann die spätauf-tretende Operationsnotwendigkeit vorher be-strahlter gynäkologischer Tumoren begründet sein? [Breslau] 20p. 8° Liegnitz, 1926.

Meyer, R. Die Pathologie der Bindegewebs-geschwülste und Mischgeschwülste. p.211-853. 4° Berl., 1930.

In Handb. Gyn. (J. Veit & W. Stöckel) 3. Aufl., Berl., 1930, 6: 1. Hälfte.

Rosenbaum, J. *Tumorbildung am weib-lichen Genitaltraktus nach Röntgenbestrahlung. 25p. 8° Bresl., 1933.

Ungewitter, P. *Harntrakt und Genital-tumoren. 32p. 8° Münch., 1934.

Abruzzese, G. Malattie generali e tumori dei genitali femminili. Arch. ostet. gin., 1933, 2. ser., 20: 396-9.

Ricerche sulla eredità neoplastica in ginecologia. Ibid., 1934, 2. ser., 21: 212-7.—Bentivoglio, F. Il ricambio dell'acido urico nelle pazienti affette da neoplasie dell'apparato genitale, sottoposte a curieterapie. Fol. gyn., Genova, 1936, 33: 619-44.—Brovkin, D. P., & Shershun, V. M. [Some blood ferments in malignant and nonmalignant tumors of the genital sphere in women] J. akush., 1930, 41: 143-9.—Buzzi, B. Disfunzioni ovariche, ipoplasia ed iperinvolutione nei loro rapporti coi tumori dell'apparato sessuale femminile. Fol. gyn., Genova, 1933, 29: 339-452, 8 pl.—Caffier, P. Ueber Tumorzidivopera-tionen. Zschr. Geburtsh. Gyn., 1933, 105: 93-113.—Cannon, D. J. The treatment of cervical and broad ligament fibroids. Irish J. M. Sc., 1935, 6. ser., 518-21.—Capaldi, B. Contributo alla esatta dosimetria mediante un nuovo dispositivo per la misura della distanza tubo-tumore e per la guida del raggio centrale sui tumori della sfera genitale femminile. Arch. radiol., Nap., 1933, 9: 353-60.—Castagna, P. Ricerche istochimiche sul contenuto in glutazione nei tumori della sfera genitale femminile, e considerazioni sul suo significato funzionale (contributo allo studio del metabolismo della cellula neoplastica) Arch. ostet. gin., 1934, 2. ser., 21: 224-35.—Cordua. Psammom-körnerbildung im weiblichen Genitale. Münch. med. Wschr., 1926, 73: 549.—Corrigan, S. H. A case of lipoma pendulum. Canad. M. Ass. J., 1935, 33: 185.—Counsellor, V. S. Discussion of paper by Drs Harold L. Morris and Valeria R. Juresek, involvement of the upper urinary tract associated with uterine and ovarian tumors. Tr. North Centr. Am. Urol. Ass., 1936, 161.—Cramarossa, V. Contributo allo studio dei tumori dell'apparato genitale femminile nella infanzia e nella adoles-cenza. Riv. ital. gin., 1935-36, 18: 194-214.—Crispolti, E. Il trattamento prolungato con follicolina nel topolino bianco, in rapporto allo sviluppo dei tumori genitali. Ibid., 1936-37, 19: 567-78.—Defendi, S. La curva aminocidemia nei tumori dell'utero e dell'ovaio. Fol. demogr. gyn., Genova, 1938, 35: 393-414, 2 gr.—Delannoy, E., & Demarez, R. Les tumeurs de l'appareil génital interne chez la fillette impubère. Echo méd. nord, 1939, 3. ser., 10: 479; 509.—Dellepiane, G. Metabolismo basale nel campo ginecologico; metabolismo basale nelle neoplasie benigne e maligne dell'apparato genitale. Boll. Soc. ital. biol. sper., 1929, 4: 115-8.—Del Santo, R. Note ed osservazioni su una centuria di interventi chirurgici per tumori preventivi dei genitali interni femminili. Riv. ostet. gin., 1937, 19: 142: 178.—Dóczy, G. [Multiple symmetrical circumscribed fibroma of the genital organs in women] Orv. hetil., 1927, 71: 319.—Emanuel, A. A. Papilomas de los genitales femininos; su tratamiento por diatermocoagulación. Sem. méd., B. Air., 1936, 43: pt 2, 1492.—Eufinger, H. Untersuchungen über die Druckverhältnisse in Blase, Ureter und Nierenbecken bei Genitaltumoren und während der Schwangerschaft. Arch. Gyn., Berl., 1933-34, 156: 377-81.—Fornero, A. Su la frequenza dei tumori della sfera genitale nella Clinica di Cagliari. Rass. ostet., 1936, 45: 283-330.—Frankl, O. Unser Tumormaterial vor und nach dem Kriege. Mschr. Geburtsh. Gyn., 1931, 89: 315-29.—Gatter, G. Zwei Fälle von seltenen Geschwülsten am äusseren Genitale. Zbl. Gyn., 1926, 50: 2769-71.—Gentil, F. Noções sobre neoplasias genitais. Arq. obst. gin., 1934, 1: 203-12.—Greil, A. Gynäkologische Gewächsforschung. Zbl. Gyn., 1925, 49: 2595-607.—Gynecologic tumors, report of the Washington state medical society. Bull. Am. Soc. Cancer, 1934, 16: 4-6.—Hollstein, K. Gleichzeitiges Vorkommen von drei verschiedenen Tumoren am weiblichen Genitale. Zbl. Gyn., 1938, 62: 1834.—Kiess, O. Eine eigen-artige Form von Hauttumoren in der weiblichen Genitalregion (Angiofibroma circumscriptum symmetricum multiplex) Derm. Wschr., 1926, 82: 733-6.—Kimura, S. The relationship of various kinds of tumors complicated in the female genital organs; a very rare instance of complication, and statistical observations. Jap. J. Obst., 1930, 13: 115-27.—Kulikowska, L. Trois cas de fibrome à localisation rare. Bull. Soc. obst. gyn. Paris, 1936, 25: 335.—& Hoerner. Coexistence chez une même malade de 3 tumeurs malignes histologiquement différentes. Ibid., 1934, 23: 662-5.—Laudaio, E. Contributo allo studio dei tumori dei genitali esterni. Monit. ostet. gin., 1939, 11: 321-34.—Magnani, L. La funzionalità epatica nei tumori dell'utero e dell'ovaio. Riv. ital. gin., 1929-30, 9: 297-347.—Marchese, E. La reazione di Kopaczewski in ginecologia. Fol. gyn., Genova, 1935, 32: 389-409.—Mascia, G. Contributo casistico ai tumori multipli addominali con speciale riguardo alla sfera genitale femminile. Rass. ostet., 1935, 44: 636-41.—

Mathieu, A. Lipiodol as a diagnostic aid in fibromata of the female genital tract. *Am. J. Surg.*, 1929, n. ser., 6: 720-4.—**Micale, G.** Polipeptidemia ed indice di desaminazione nei soggetti affetti da neoplasie genitali. *Riv. ital. gin.*, 1938, 21: 440-60.—**Migliavacca, A.** Tre casi di aplasia dell'ovaio sinistro associata a tumori genitali osservati simultaneamente. *Clin. ostet.*, 1939, 41: 2-16.—**Morris, H. L., & Juracek, V. R.** Involvement of the upper part of the urinary tract associated with uterine and ovarian tumors. *Tr. North Centr. Am. Urol. Ass.*, 1936, 118-23.—**Neumann, H. O.** Beiträge zur Kenntnis seltener Blastome im Bereich der weiblichen Beckenorgane. *Arch. Gyn., Berl.*, 1927-28, 131: 574-87.—**Pavlovsky, A. J., Giannullo, E., & Velazco Suarez, C.** Tumores poco comunes de la vulva y la vagina. *Bol. Soc. obst. gin. B. Aires*, 1928, 7: 55-75.—**Petit-Dutailles, P.** Radiothérapie, chirurgie et radiochirurgie des épithéliomes du tractus génital, des fibromes utérins et des troubles crypto-lésionnels (dits purement fonctionnels). In *Et. gyn. clin. opérat.*, Par., 1926, fasc. 2, 1-103.—**Pinto, P.** Le neoplasie nei genitali interni femminili malconformati. *Arch. ostet. gin.*, 1933, 2. ser., 20: 760-3.—**Polidori, A.** Un caso di granuloma plasmacellulare degli organi genitali esterni femminili. *Arch. ital. chir.*, 1929, 24: 202-12.—**Prestini, O.** Tumores del aparato genital. *Dia. méd.*, B. Air., 1935, 7: 1103.—**Reček, V.** [Rare gynecological tumors] *Cas. lek. česk.*, 1935, 74: 405-8.—**Rehborn, E.** Ueber die Entstehung der Tumoren der weiblichen Geschlechtsorgane. *Schweiz. med. Wschr.*, 1926, 56: 964. — Die entwicklungsgeschichtliche Bedeutung des primären Vorderdarmes für die Entstehung der Mischtumoren der weiblichen Geschlechtsorgane. *Frankf. Zschr. Path.*, 1926, 34: 368-90.—**Remmels, R.** [Torsion of pedicled tumors (ovarian fibromas, uterine myomas etc.)] *Ned. tschr. geneesk.*, 1927, 71: 1547-63. — [Frequency of tumors of the uterus and Fallopian tubes in various races] *Geneesk. tschr. Ned. Indië*, 1935, 75: 231-4.—**Richter, J.** Zur Kenntnis seltener Blastome des weiblichen Genitales. *Arch. Gyn., Berl.*, 1929, 136: 610-22.—**Sassi, R.** Sul comportamento della reazione di Friedmann, nei tumori della sfera genitale femminile. *Clin. ostet.*, 1934, 36: 541-7.—**Scherbak, L.** [Tumors of the external sexual organs] *Bratisl. lek. listy*, 1935, 15: 456-60.—**Schleyer, E.** Ueber ein neues Symptom zur Differentialdiagnose zwischen entzündlichen und nichtentzündlichen Genitaltumoren, besonders der linken und retrouterinen Seite. *Zbl. Gyn.*, 1937, 61: 1176-81.—**Schmidt, K.** Ueber histologische Untersuchungen von Douglas-Punktaten und ihre Bedeutung für die Geschwulstdiagnose. *Arch. Gyn., Berl.*, 1939, 168: 359-67.—**Schulze, E.** Naturheilkunde und Geschwulst vom Standpunkt des Frauenarztes. *Zbl. Gyn.*, 1938, 62: 2223.—**Sodano, A.** Sul contenuto in fosforo in alcuni tumori della sfera genitale femminile. *Arch. ostet. gin.*, 1934, 2. ser., 21: 393-8.—**Stankuš, K.** [Case of uterine cyst, internal and external adenomyosis and fibroma of the vagina] *Bratisl. lek. listy*, 1929, 9: 252-5.—**Stübler, E.** Die Beziehungen zwischen Uterus- und Ovarialtumoren und Schwangerschaft, Geburt und Wochenbett. *Tungchi med. Mschr.*, 1926-27, 2: 386-400.—**Szathmáry, Z.** [Rare cases of tumors of the genital organs in women] *Orv. hetil.*, 1928, 72: 699-702.—**Tauber, R.** Ein Melanosarkom der Vulva und ein Hamartoma angiofibrosus des Uterus. *Mscr. Geburtsh. Gyn.*, 1925, 71: 95-100.—**Thies, J., & Liebe, G.** Interferometrische Diagnose von Genitaltumoren. *Arch. Gyn., Berl.*, 1929, 137: 1027-31 [Discussion] 1044-7.—**Titone, M.** I lipiodi disponibili del siero in rapporto all'ablazione chirurgica e al trattamento radium-roentgenoterapico nei neoplasmi della sfera genitale femminile. *Minerva med.*, Tor., 1936, 27: pt 2, 271-3.—**Tonkes, E.** [Tumors of the genital organs in women in relation to other organs] *Ned. tschr. verlosk.*, 1932-33, 35: 278-301.—**Ulezko-Stroganova, K. P.** [Combined tumors of the sexual sphere in women] *Akush. gin.*, 1939, No. 4, 10-2, pl.—**Volkmann, K.** Serologische Spezifität und Diagnostik genitaler Tumoren der Frau. *Klin. Wschr.*, 1926, 5: 837-9.—**Wieloch, J.** Gewebspunktion zur Diagnostik inoperabler Tumoren. *Zbl. Gyn.*, 1927, 51: 2656-9.

Ulcer.

Burch, J. C. Granulomatous and ulcerative lesions of the female genitalia. *South. M. J.*, 1930, 23: 777-80.—**Couvert, C.** Su due casi di ulcerazioni acute non veneree dei genitali femminili. *Boll. Sez. reg. Soc. ital. derm.*, 1936, 77: Suppl., 250.—**Flarer, F.** Contributo alla conoscenza delle ulcerazioni acute non veneree dei genitali esterni femminili. *Gior. ital. derm. sif.*, 1927, 68: 1042-54, 2 pl.—**Manganotti, G.** Sulle ulcerazioni acute non veneree dei genitali femminili. *Dermosifilograf.*, 1936, 11: 269-326.—**Pautrier, L. M.** Lésions vulvaires et vaginales caractérisées par un processus atrophique avec production d'ulcérations multiples, de diagnostic indéterminé. *Bull. Soc. fr. derm. syph.*, 1930, 37: Suppl., 1229-32.

in animals.

DOHM, H. [F.] *Anatomische Unterschiede an den Geschlechtsorganen von Kalb und Kuh. 47p. 8°. Lpz., 1936.

Alders, N. Ueber die morphologische und funktionelle Resistenz der weiblichen Genitalien von Nagetieren gegen Luftmangel. *Zschr. Geburtsh. Gyn.*, 1930, 97: 194-9.—**Ashley-Montagu, M. F.** Note on the external genitalia in 3

female Old World primates. *Anat. Rec.*, 1937, 69: 389-405.—**Deakin, A.** Cases of extreme sexual infantilism in the sow. *Ibid.*, 1932, 51: 361-71.—**Dempsey, E. W.** The structure of the reproductive tract in the female gibbon. *Am. J. Anat.*, 1940, 67: 229-53, 4 pl.—**Evans, L. T., & Clapp, M. L.** The effects of ovarian hormones and seasons on *Anolis carolinensis*; the genital system. *Anat. Rec.*, 1940, 77: 57-75, 3 pl.—**Female** reproductive organs of the cat. *Vet. Med., Chic.*, 1937, 32: 499.—**Forbes, T. R.** Studies on the reproductive system of the alligator; further observations on heterosexual structures in the female alligator. *Anat. Rec.*, 1940, 77: 343-65, 3 pl.—**Landau, R.** Der ovariale und tubale Abschnitt des Genitaltrakts beim nicht-graviden und beim frühgraviden Hemientetes-Weibchen. *Biomorphosis, Basel*, 1938, 1: 228-64.—**Lehmann, J.** Die Paravaginaldrüse von Hemientetes. *Ibid.*, 202-27.—**Nicol, T.** The female reproductive system in the guinea-pig; intravital staining; fat production; influence of hormones. *Tr. R. Soc. Edinburgh*, 1934-35, 58: 449-86, 6 pl.—**Rabes, I.** Untersuchungen über die weiblichen Geschlechtsorgane von Apanteles, mit besonderer Berücksichtigung der accessorischen Kerne. *Zschr. Zellforsch.*, 1935-36, 23: 701-36.—**Reeder, E. M.** Cytology of the reproductive tract of the female bat, *Myotis lucifugus lucifugus*. *J. Morph.*, 1939, 64: 431-53, 2 pl.—**Rietschel, P. E.** Zur Morphologie und Histologie der Genitaliausführungsgänge im Individualeklus der weissen Maus. *Zschr. Wiss. Zool.*, 1929, 135: 428-94, pl.—**Rojas, P., & Robertis, E. de.** Sobre la morfología y organización de los órganos genitales femeninos de algunos Poeciliidae, (peces). *Prensa méd. argent.*, 1935, 22: 893-902.—**Seiferle, E.** Ueber Art- und Altersmerkmale der weiblichen Geschlechtsorgane unserer Haussäugetiere; Pferd, Rind, Kalb, Schaf, Ziege, Kaninchen, Meerschweinchen, Schwein, Hund und Katze. *Zschr. ges. Anat.*, 1. Abt., 1933, 101: 1-80.—**Slifer, E. H.** The internal genitalia of female Acridinae, Oedipodinae and Pauliniinae (Orthoptera, Acrididae). *J. Morph.*, 1939, 65: 437-69, 7 pl.—**The internal genitalia of female Thrinchinae, Batrachotetriginiae, Parnaphaginae and Pyrgomorphinae** (Orthoptera, Acrididae). *Ibid.*, 1940, 66: 175-95, 5 pl.—**The internal genitalia of female Ommexechinae and Cyrtacanthacridinae**; Orthoptera, Acrididae. *Ibid.*, 67: 199-239, 12 pl.—**Sokolska, J.** Etude du chondriome et du vacuome des cellules sexuelles femelles de *Liobunum rupestre* Herbst (Opiliones) après coloration vitale. *C. rend. Soc. biol.*, 1931, 108: 1068-70.—**Wislocki, G. B., & Dempsey, E. W.** Remarks on the lymphatics of the reproductive tract of the female rhesus monkey (*Macaca mulatta*). *Anat. Rec.*, 1939, 75: 341-63, pl.

GENITALS [male]

See also **Genitals; Genito-urinary system [male]; Gonad; Perineum**; also under names of parts of male genital organs as **Cowper's gland; Cremaster; Ejaculatory duct; Epididymis; Penis, &c.**

HOLLICK, F. Male generative organs in health and disease; being a complete practical treatise on the anatomy and physiology of the male system [etc.] 200. ed. 466p. 16°. N. Y., 1877.

STIEVE, H. Harn- und Geschlechtsapparat. 2. Teil: Männliche Genitalorgane. 399p. 8°. Berl., 1930.

Asher, L., & Klein, O. Der Einfluss der Hyperinterrenalisation auf die Entwicklung der männlichen Geschlechtsorgane. *Klin. Wschr.*, 1931, 10: 1076.—**Benoit, J.** Relation between thyroid and growth of testes and penis when stimulated by electric light. *Proc. Soc. Exp. Biol.*, N. Y., 1937, 36: 782-4.—**Engle, E. T.** The response of the male genital system to treatment with urine from pregnant women and from men. *Anat. Rec.*, 1929, 43: 187-95. — Male reproductive system. In *Probl. ageing* (E. V. Cowdry) Balt., 1939, 434-58.—**Lower, W. E.** The endocrine influence on the male sex organs. *N. England J. M.*, 1933, 208: 878-86.—**Maruyama, I., & Ishikawa, N.** Ueber den Einfluss der Cholsäurederivate auf die Entwicklung der Genitalien von männlichen infantilen Tieren. *Okayama igakkai zasshi*, 1937, 49: 279.—**Moebius, H.** Ueber M-Syndrome im Phänotyp anthropologischer Rassen. *Zschr. menschl. Vererb.*, 1936, 19: 667-9.—**Moore, C. R.** The biology of the mammalian testis and scrotum. *Q. Rev. Biol.*, 1926, 1: 4-50.—**Ottaviani, G.** Ricerche comparative su i tronchi collettori linfatici degli organi genitali maschili e ricerche comparative su i vasi linfatici della tunica albuginea e del testicolo dei mammiferi. *Arch. ital. anat.*, 1931-32, 29: 16-47.

Abnormity.

SELLIER, L. *Anomalies des organes génitaux des génisses jumelles de mâles. 50p. 8°. Lyon, 1936.

Folkers, L. M. Developmental anomaly of the male genitalia. *J. Iowa M. Soc.*, 1936, 26: 681.—**Fontes, V.** Notas sobre um caso de anomalia dos órgãos sexuais externos. *Arq. anat.* (1926) 1927, 10: 303-14.—**Junghanns, H.** Gesetzlich

angeordnete Unfruchtbarmachung bei Fehlen eines Hodens und bei Verlagerung der Samenwege. Chirurg, 1936, 8: 841-3.—**Keiffer**, A. Propos de quelques malformations congénitales. Bull. Soc. anthrop. Bruxelles, 1907, 26: 107-9.

Cancer.

Dambin, L. Cancer total des organes génitaux externes de l'homme avec destruction complète de la verge. Bordeaux chir., 1936, 7: 220-2. Also Arch. mal. reins, 1936-37, 10: 200-3.—**Hoffman, F. L.** Cancer of the male generative organs. N. England J. M., 1933, 209: 1093-6.—**La Torre, F. A. de.** Cáncer genital en el hombre. Crón. méd., Lima, 1933, 50: 303-7.—**Montpellier, Méchin & Laffargue.** Un cas de cancer professionnel rare chez l'indigène algérien. Ann. anat. path., Par., 1939, 16: 555-7.—**Noguer-More, S.** Maladie de Paget des bourses, du fourreau de la verge et du pubis. Bull. Soc. fr. derm. syph., 1935, 42: 1649-53.—**Ockerblad, N. F.** Malignancies of the male reproductive organs. Internat. Clin., 1939, n. ser., 2: 169-79.

Disease.

CHIARI, H., FAHR, T. [et al.] Harnorgane; männliche Geschlechtsorgane. 3. Teil: Männliche Geschlechtsorgane. 913p. 8°. Berl., 1931.
JEANBRAU, E. Appareil génital de l'homme. p. 1-433. 4° Par., 1938.

In Précis path. chir. (P. Begouin, H. Bourgeois [et al.]) 6. éd., Par., 1938, 5:

PATEL, J. Maladies de l'appareil génital de l'homme. p. 327-96. 8° Par., 1937.

In Précis diagn. chir. (Léonormant, C.) Par., 1937, 2:

Baker, T. The value of vas injection in chronic genital infections based upon a series of 75 cases. J. Urol., Balt., 1928, 20: 237-44.—**Barrington, F. J. F.** Testis and cord diseases. In Brit. Encycl. M. Pract. (Rolleston) 1939, 11: 656-70.—**Consiglio, V.** Sulle sindromi addominali acute riflesse nei processi morbosi dei genitali maschili. Ann. ital. chir., 1936, 15: 273-84.—**Gibson, N. M.** Observations on the flora of the male genital tract in disease. Med. J. Australia, 1928, 2: 433-6.—**Gilmour, J. R.** Intracutaneous inclusions in the epithelium of the human male genital tract. Lancet, Lond., 1937, 1: 373-5.—**Maassland, J. H.** [Certain unusual lesions of the external male sexual organs.] Geneesk. tchr. Ned. Indië, 1940, 80: 1659-61.—**Oberdorfer, S.** Ungeklärtes aus dem Gebiet der Physiologie und Pathologie des männlichen Genitalapparates. Jahrbuch, ärztl. Fortbild., 1930, 21: 19-29.—**Palugay, J.** Nouvelles sur Indikation und Technik der Röntgenbestrahlung bei Erkrankungen des männlichen Genitaltraktes. Radiol. Rdsch., 1936-37, 5: 368-81.—**Parola, G.** Calcificazioni delle vie genitali maschili. Riv. osp., 1940, 30: 61-8, pl.—**Ray, P. N.** Filariid affections of the male genital tracts. Ind. M. Gaz., 1934, 69: 554-8, pl.—**Walker, K. M.** Diseases of the male external genitalia. Practitioner, Lond., 1936, 137: 864-72.—**Zavala Sáenz, A.** Paquidermis de genitales externos masculinos. Sem. méd., B. Air., 1930, 37: 39-47.

Dystrophy, hypoplasia, and infantilism.

See also Dwarfism, Infantilism; Dystrophy [adiposogenital] Testis, &c.

RAOUL, L. *L'hormone mâle dans le traitement de l'hypoplasie génitale et des troubles associés chez le jeune garçon. 60p. 25cm. Bord., 1938.

Dorff, G. B. The treatment with gonadotropic hormone (anterior pituitary-like) of nonadipose boys showing genital dystrophy. J. Pediat., S. Louis, 1937, 10: 517-28.—**Antihormone studies in boys treated with anterior pituitary-like hormone for genital underdevelopment.** Endocrinology, 1938, 22: 669-73.—**Fossati, V., & Boccia, D.** Distrofias genitales en el hombre. Rev. sud. amer. endocr., B. Air., 1927, 10: 519-64.—**Hynie, J.** [Defective sexual development in men] Cesk. derm., 1937, 17: 223-46, pl.—**Lawrence, C. H., & Harrison, A. M.** Use of the gonadotropic hormone of pregnancy urine in the treatment of male sexual underdevelopment. N. England J. M., 1937, 217: 89-94.—**Magliano, G.** Contributo alla diagnosi differenziale tra ipogonitismo maschile primario ed ipogonitismo secondario. Gazz. internaz. med. chir., 1932, 40: 484.—**Rubinstein, H. S.** Treatment of genital hypoplasia in the male. Endocrinology, 1938, 22: 243-52.—**Sexton, D. L.** Treatment of sexual underdevelopment in the human male with the anterior pituitary-like hormone of urine of pregnancy. Ibid., 1934, 18: 47-58.

Elephantiasis.

Bergsma, S. Elephantiasis of the male external genitalia; a modification of the usual incision in the operation for elephantiasis of scrotum and penis. Am. J. Trop. M., 1930, 10: 199-206.—**Botto-Micra, A.** Contributo allo studio dell'elefantiasi del pene e dello scroto. Gior. ital. mal. esot., 1937, 10: 206-13.—**Casazza, R.** Forma elefantiasica delle tuniche del pene e dello scroto. Dermosifilograf., 1930, 5: 361-72.—

Davis, D. M. The surgical treatment of genital elephantiasis in the male. Ann. Surg., 1930, 92: 400-4.—**Dunashev, N. V.** [Elephantiasis of the scrotum and penis] Urologia, Moskva, 1938, 15: No. 3-4, 95-9.—**Gohrbandt, P.** Elephantiasis der männlichen äusseren Geschlechtsteile. Arch. klin. Chir., Berl., 1926, 141: 44-50.—**Margarot, J., Rimbaud, P., & Ravoire, J.** Elephantiasis des organes génitaux chez un malade atteint d'une adénopathie chancreuse ancienne bilatérale, à l'exclusion de tout signe de maladie de Nicolas-Favre. Arch. Soc. sc. méd. biol. Montpellier, 1939, 20: 183-6.—**Maron, V.** Estado elefantiasico do escroto e do penis. Ann. Soc. med. cir. Itabuna, 1938-39, 125-38, 5 pl.—**Milligan, E. T. C.** Elephantiasis of the penis and scrotum due to stricture of the urethra and fistula. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Urol., 66.—**Nägelsbach, E.** Die Operation der Elephantiasis scroti et penis. Arch. Schiffs Tropenhyg., 1927, 31: 282-91.—**Netherton, E. W., & Curtis, H. C.** Elephantiasis of penis and scrotum; congenital hemolytic jaundice; cirrhosis of liver. Arch. Derm. Syph., Chic., 1939, 39: 166-8.—**Stenzel, K. G.** Beitrag zur Elephantiasis des männlichen Genitale. Derm. Wschr., 1931, 93: 1505-8.—**Strandberg, J.** A case of elephantiasis penis et scroti. Acta derm. vener., Stockh., 1936, 17: 468-71.—**Strunnikov, A. N.** [A case of sporadic elephantiasis of the external genital organs in a man] Kuban. nauch. med. J., 1928, No. 8, 169-82.—**Zschau, H.** Angeborene Elephantiasis penis et scroti. Deut. Zschr. Chir., 1935, 245: 312-5.

Embryology.

CAMPBELL, M. F. The male reproductive system: embryology of the penis, urethra and scrotum. 52p. 8°. Hagerstown, Md., 1937.

Dantchakov, V. Sur l'édification des glandes annexes du tractus génital dans les free-martins et sur les facteurs formatifs dans l'histogenèse sexuelle mâle. C. rend. Soc. biol., 1937, 124: 407-11.—**Else, F. L.** The developmental anatomy of male genitalia in Melanophyl differentialis (Locustidae, (Acrididae) Orthoptera) J. Morph. Physiol., 1934, 55: 577-609.—**Klein, O.** Der Einfluss der Nebennierenrinde auf die Entwicklung der männlichen Geschlechtsorgane. Endokrinologie, 1931, 9: 401-13.—**Risley, P. L.** The activity of the coelomic (germinal) epithelium of the male musk turtle, Sternotherus odoratus (Latreille) J. Morph. Physiol., 1934, 56: 59-94, 3 pl.—**Schulte, P. G.** Ueber die Entwicklung der akzessorischen Geschlechtsdrüsen beim Kaninchen. Zschr. mikr. anat. Forsch., 1931, 25: 621-73.—**Siddiqi, M. A. H.** The development of the penile urethra and the homology of Cowper's gland of male spermophile (Citellus tridecemlineatus) with a note on the prostatic utricle. J. Anat., Lond., 1937-38, 72: 109-15, pl.

Examination.

See also subheading Radiography.

Leibhold, E. Untersuchung von Harnröhre und Skrotum mittels transparenten Lichts. Derm. Wschr., 1931, 92: 809.—**Phélip, L.** Endoscopie dans les troubles génitaux. J. urol. méd., Par., 1931, 31: 488-90.—**Puhl, H.** Fortschritte der Röntgenologie und Endoskopie der Harnröhre und des männlichen Genitale. Zbl. Chir., 1930, 57: 2552-73, 2 pl.—**Valdoni, P.** Un nuovo mezzo di diagnosi nelle affezioni degli organi genitali maschili; il pneumocele. Bull. Accad. med. Roma, 1927, 53: 120-6. Also Rev. cir., B. Aires, 1930, 9: 21-7.

Gangrene, and necrosis.

Ascoli, R. Di una non frequente forma infiammatoria a carico dei genitali maschili; la cosiddetta gangrena spontanea dei genitali. Arch. ital. urol., 1938, 15: 565-72.—**Ciani, M.** Gangrena acuta dei genitali seguita da morte in un bambino di 27 giorni. Dermosifilograf., 1936, 11: 358-66.—**Coussa.** Gangrène spontanée des organes génitaux externes à évolution favorable. Marseille méd., 1927, 64: 392.—**Levi, O.** Gangrena fulminante dei genitali in un neonato. Gior. ital. derm. sif., 1931, 72: suppl., 290, pl.—**Louste & Pinoche.** Deux cas de gangrène génitale. Bull. Soc. fr. derm. syph., 1929, 36: 382-6.—**Manheim, A.** [Gangrene of scrotum and penis] Vrach. gaz., 1927, 31: 1180-3.—**Moorhead, S. W.** Two cases of genital gangrene (penile and scrotal) J. Urol., Balt., 1929, 22: 426-31.—**Petges, A., Barthélémy [et al.]** Sur un cas de gangrène foudroyante spontanée des organes génitaux; guérison; présentation du malade. Bordeaux chir., 1932, 3: 348-51.—**Rehren, W. von.** A case of angioanalytic cold gangrene of the male sexual organs. Urol. Cut. Rev., 1930, 34: 294-6.—**Shafiroff, B. G. P.** Gangrene of the scrotum and penis. Mil. Surgeon, 1934, 74: 133. Also repr.—**Soli, D.** Su di un caso di gangrena dei genitali maschili. Arch. ital. derm. sif., 1931-32, 7: 47-56.—**Teltscher, E.** Spontangangrän des äusseren Genitales. Wien. klin. Wschr., 1926, 39: 1177-9.

Histology.

Brack, E. Ueber die intrakanalikulären Riesenellen der männlichen Genitalwege. Zbl. allg. Path., 1930, 48: 241-4.—**De Gaetani, G.** Sulle cellule giganti intracanalicolari delle vie spermatiche. Pathologica, Genova, 1932, 24: 288-93, pl.—**Matzdorff, F.** Die histologischen Untersuchungsmethoden für die männlichen Geschlechtsorgane. In Handb. biol.

Arbeitsmeth. (Abderhalden) 1935, 8: pt 1, 1541-56.—**Shio-sawa, Z.** Ueber eine besondere Zellanhäufung im Gewebe der männlichen Geschlechtsorgane der Tiere. Tr. Jap. Path. Soc., 1929, 19: 420-8. Also Virchows Arch., 1929, 273: 531-40.

Infection [and inflammation]

See also names of specific infections as **Gonorrhea; Syphilis; Tuberculosis, &c.**

GAUDOIN, J. Contribution au traitement des orché-épididymites et prostatites (traitement par les injections intra-veineuses de carbone animal.) 32 p. 8° Par., 1935.

PELOUZE, P. S. Infections of the urethra and prostate other than tuberculosis. p.247-318. 8° Phila., 1936.

In Mod. urol. (Cabot, H.) 3. ed., Phila., 1936, 1:

Beach, B. A., McCullough, E. C., & Humphrey, G. C. Genital diseases other than brucellosis in 2 bulls. Vet. Med., Chic., 1933, 28: 194-6.—**Chauvin, E., & Pieri, J.** Les localisations génitales du colibacille chez l'homme. Arch. fr. belg. chir., 1933-34, 34: 296-313. Also Gaz. hôp., 1934, 107: 1437. Also Presse méd., 1934, 42: 1723.—**Derow, D.** Treatment of male genitals by short wave diathermy; report on new technic with special electrodes. Arch. Phys. Ther., 1938, 19: 353-9.—**Marianchik, L. P.** [Complications and sequels of gummatus affections of the male genital organs] Vest. khir., 1929, 17: 152-7.—**Radaeli, G.** Contributo allo studio dei processi infiammatori acuti non gonococci dei genitali maschili; uretrite streptococcica; orchiepididimiti da Bact. coli. Dermosiflografo, 1935, 10: 154-70.—**Thomas, G. J.** Chronic infections of the male genital tract. J. Med., Cincin., 1937-38, 18: 550-2.

Injury [including deformation, and mutilation]

See also **Castration; Coitus, Impotence, &c.**

REDING, E. VON. *Ueber männliche Genitalverletzungen mit besonderer Berücksichtigung der männlichen Genitalerkrankungen in ihrer Beziehung zu einem Trauma (538 Fälle aus den Akten der Schweizerischen Unfallversicherungsanstalt in Luzern, Jahrgang 1920, 1921, 1922) 46p. 8° [Zür.] 1927.

Farrington, P. R. Accidental electrocoagulation of the male genitalia. J. Am. M. Ass., 1930, 94: 792.—**Gilterson, A. B.** [Cases of injuries of the sexual organs in men] Sovet. vrach. gaz., 1932, 36: 695.—**Harkness, R. B.** Accidental injuries to the external genitals of the male. J. Florida M. Ass., 1928-29, 15: 198.—**Jorge, J. M., & Nudelman, S. L.** Emasculación traumática; consideraciones médico-legales. Rev. As. méd. argent., 1934, 48: 428-35.—**Kantor, A.** Traumatischer Verlust der Haut der männlichen Genitalien; Schindung der Genitalien. Chirurg, 1936, 8: 972-4.—**O'Donoghue, J. G.** Unusual deformity of the genitalia. Proc. R. Soc. M., Lond., 1936-37, 30: 1193.—**Pels Leusden.** Chirurgische Erkrankungen und Verletzungen der männlichen Geschlechtsorgane. In Diagn. & ther. Irrtüm., 1925, H. 10, 103-30.—**Placitelli, G.** Asportazione totale traumatica della cute dei genitali esterni maschili per incidente sul lavoro; plastica. Arch. ital. urol., 1938, 15: 423-8.—**Rojas, N., & Castro, E. A.** Emasculación por herida de bala. Rev. As. méd. argent., 1936, 50: 1617-22.—**Scheele, K.** Männliche Geschlechtsorgane. In Handb. ges. Unfallf. (F. König & G. Magnus) Stuttg., 1934, 4: 632-42.

Innervation.

Bacq, Z. M., Brouha, L., & Desclin, L. Contribution à l'étude du système nerveux sympathique des organes génitaux, chez le cobaye mâle. C. rend. Soc. biol., 1931, 108: 1169-72.—**Laiguel-Lavastine.** Le sympathique en andrologie. Ann. méd. psychol., Par., 1933, 91: 537-64.—**Lambertini, G.** Osservazioni istologiche sui corpuscoli nervosi nei genitali maschili dei bambini fino al decimo anno di età. Bull. Soc. ital. biol. sper., 1934, 23: 1294-7, pl. Also Gior. psichiat., 1934, 62: 4-11, pl.—**Pasqualino, A.** Sulla presenza di anse di innervazione nello studio delle espansioni genitali di cavallo. Boll. Soc. ital. biol. sper., 1936, 11: 297-9, pl. — Studio sulle espansioni nervose periferiche nei genitali esterni del cavallo. Arch. ital. anat., 1937, 38: 543-71.—**Semans, J. H., & Langworthy, O. R.** Observations on the neurophysiology of sexual function in the male cat. J. Urol., Balt., 1938, 40: 836-46.—**Tamura, S.** Histologische Untersuchungen der feineren Nervenverteilung in den männlichen Geschlechtsorganen. Tr. Jap. Path. Soc., 1925, 15: 69. Also Acta derm., Kioto, 1928, 11: 448-62, 9 pl. — An experimental study of fine nerve fibres in the pigeon testicle and epididymis. Ibid., 12: 181-8, pl.

Motility, and muscles.

Bacq, Z. M. Action des ions potassium et calcium, de l'adrénaline et de l'acétylcholine sur la musculature lisse du

tractus génital du cobaye mâle. C. rend. Soc. biol., 1932, 111: 644.—**Del Carpio, I., & Marchi, C.** La motilità della muscolatura liscia degli organi genitali esterni maschili studiata col metodo grafico. Boll. Soc. ital. biol. sper., 1938, 13: 32.—**Martins, T., & Valle, J. R.** Endocrine control of the motility of the male accessory genital organs. Endocrinology, 1939, 25: 80-90. — & **Porto, A.** Efeitos da pituitrina, da pitocina e da pitressina sobre a musculatura lisa genital masculina. An. Fac. med., Montev., 1940, 25: 659-64.

Radiography.

See also subheading Examination.

Dobrzaniecki, W. Radiographie et radiodiagnostic des voies génitales masculines (vaso-épididymo-vésiculographie) J. chir., Par., 1933, 42: 843-61.—**Dressler, L.** Neuere Untersuchungen zur röntgenologischen Darstellung der männlichen Harnröhre, Prostata und Samenblase. Fortsch. Röntgenstrahl., 1929, 39: 872-82.—**Ledoux-Lebard, R., Garcia-Calderon, J., & Petetin, J.** L'exploration radiologique de l'urèthre masculin (urethrographie) et de la prostate. J. radiol. électr., 1931, 15: 473-90.—**Wideröe, S.** Urethrography and prostatography. Acta radiol., Stockh., 1927, 8: 563-70, 5 pl.

Surgery.

See also **Urology, surgical.**

DEMEL, R. Chirurgie des Hodens und des Samenstranges. 422p. 8° Stuttg., 1926.

Capelle, W. Operationen an den männlichen Genitalien. In Fehler chir. Oper. (Stich & Makkas), 2. Aufl., Jena, 1932, 883-96.—**Everidge, J.** Operations on the penis and testicle. In Mod. oper. surg. (Turner, G. G.) Lond., 1934, 2: 846-66.—**Felix, W.** Die Operationen an den männlichen Geschlechtsorganen. In Chir. Oper. (Bier, Braun, Kämmer) 1933, 4: 413-47.—**Vermooten, V.** Surgery of the male genitalia. In Pract. Libr. M. & S. (Appleton) 1933, 4: 1043-74.

Tumor.

See also subheading Cancer.

Bolcek, L. [Tumors of the sexual organs in men] Bratisl. lek. listy, 1939, 19: 315-35.—**Ohno, T.** Ueber die kongenitalen Zysten an den äusseren Genitalien des Mannes. Jap. Zschr. Derm. Urol., 1923, 23: 1-38, 6 pl.—**Pawlowski, E.** Ueber Phlebektasien und Hämangiome der äusseren männlichen Geschlechtsorgane. Derm. Wschr., 1932, 95: 1821-6.—**Rubashev, S. M.** [Tumors of the genital organs in man] Vest. khir., 1926, 5: pt 13, 132-8. Also Klin. med., Moskva, 1927, 5: 588-94.

Ulcer.

See also **Chancroid; Syphilis, &c.**

Díaz-Jiménez y Martínez, M. Consideraciones al diagnóstico de toda clase de ulceración genital. Rev. españ. med. cir. guerra, 1940, 4: 109-16.—**Gougerot, H.** Diagnostic des ulcérations génitales chez l'homme. Rev. gén. clin. théor., 1935, 49: 849-55.—**Riccio, F.** Ulcerazioni non veneree dei genitali maschili. Rinasc. med., 1936, 13: 714.—**Venturi, T.** Contributo alla conoscenza delle ulcerazioni non veneree dei genitali maschili. Dermosiflografo, 1936, 11: 377-402.

in animals.

See also under names of animals.

SNODGRASS, R. E. Morphology of the insect abdomen; the male genitalia (including arthropods other than insects) 96p. 8° Wash., 1936.

— The male genitalia of orthopteroid insects. 107p. 8° Wash., 1937.

Chase, E. B. The reproductive system of the male opossum, Didelphis virginiana Kerr and its experimental modification. J. Morph., 1939, 65: 215-39, pl.—**Dathe, H.** Ueber den Bau des männlichen Kopulationsorganes beim Meerschweinchen und anderen hystricomorphen Nagetieren. Morph. Jahrb., 1937, 80: 1-65.—**Del Castillo, E. B., & Pinto, A.** Variaciones estacionales del peso del testículo y de la próstata de la rata blanca. Rev. Soc. argent. biol., 1939, 15: 463-9.—**Engle, E. T.** The genital organs of the male gibbon bobby (Hylobates lar). In Rep. Penrose Res. Lab., 1938, 23-6.—**Fontaine, M.** Sur la maturation complète des organes génitaux de l'anguille mâle et l'émission spontanée de ses produits sexuels. C. rend. Acad. sc., 1936, 202: 1312-4.—**Gray, J. C.** The anatomy of the male genital ducts in the fowl. J. Morph., 1936-37, 60: 393-8, 4 pl.—**Hennig, W.** Der männliche Kopulationsapparat der Dipteren; Psychodidae und Asilidae. Zool. Anz., 1936, 114: 117-86.—**Henri-Heldt, J.** L'appareil génital mâle des crevettes nordafricaines de la famille des Penaeidea. C. rend. Acad. sc., 1932, 195: 1325-7.—**Lawlah, J. W.** Studies on the physiology of the accessory glands of reproduction of the male guinea-pig. Anat. Rec., 1930-31, 45: 163-71, 2 pl.—**Rauther, M.** Ueber den männlichen Genitalapparat von Solenodon paradoxus Brandt (Mammalia, Insectivora) Zool. Anz., 1938, 123: 65-78.—**Stefanelli, A.** Sulla presenza di organi copulatori erettili nel protodeum di gallo domestico. Monit. zool. ital., 1936, 47: 78-82, pl.—**Stern, C., & Hadorn, E.** The relation

between the color of testes and vasa efferentia in *Drosophila*. Genetics, 1939, 24: 162-79.—**Turchini, J., & Poisson, R.** Les voies génitales mâles des céphalopodes; anatomie microscopique du canal génital mâle de poulpe (*Octopus vulgaris* Lam.) Bull. Soc. zool. France, 1924, 49: 534-44.

GENITO-URINARY system.

See also **Genitals; Urinary organs**; also names of **genital and urinary organs**.

BAUER, H. *Das Glykogen in den Plattenepithelien der Harn- und Geschlechtswege, und seine forensische Bedeutung, untersucht an menschlichem und tierischem Material. 16p. 8°. Würzb., 1937.

PETER, K. Urogenitalapparat; Apparatus urogenitalis. p.1-113. 8°. Münch., 1927.

In Handb. Anat. Kind. (K. Peter) Münch., 1927, 2:

Keyes, E. L. The genitourinary system. Med. J. & Rec., 1925, 122: 466-8.—**MacKenzie, D. W., & Wallace, A. B.** The lymphatics of the lower urinary and genital tracts, an experimental study, with special reference to renal infections. Tr. Am. Ass. Genitourin. Surgeons, 1935, 28: 345-68.—**Parker, A. E.** Studies on the main posterior lymph channels of the abdomen and their connections with the lymphatics of the genito-urinary system. Am. J. Anat., 1935, 56: 409-43.—**Randall, A., & Muschat, M.** Hydrogen ion studies on various secretions of the uro-genital apparatus. J. Urol., Balt., 1926, 16: 515-28.

— Abnormality.

Abbott, A. C. Anomalies of the genito-urinary tract. Canad. M. Ass. J., 1930, 23: 217-26.—**Alexiev, S. M.** [Origin of anomaly in uro-genital system] Vest. khir., 1926, 8: No. 22, 115-24.—**Appelbach, C. W.** Arrested development of the primary excretory duct. Tr. Chicago Path. Soc., 1934, 14: 172.—**Barclay, I. B., & Baird, J. B.** The incidence of congenital abnormalities in the genito-urinary tract as seen in 500 consecutive intravenous pyelographies. Lancet, Lond., 1935, 2: 1169-72.—**Britt, O. W.** Genito-urinary anomalies. Illinois M. J., 1931, 59: 108-12.—**Cioni, C.** Anomalie genito-urinarie in un caso di malformazioni multiple. Arch. ital. anat. pat., 1936, 7: scritti, 499-51.—**Doherty, W. D.** Urogenital organs, abnormalities. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, 12: 401-9.—**Evans, P. R.** (for Sheldon, W.) Specimen of congenital genito-urinary abnormalities with suprarenal enlargement. Proc. R. Soc. M., Lond., 1936-37, 30: 1190-2.—**Gruber, G. B.** Blasenektomie, Kloakenangsrrest, perineale Schwanzdarmhernie und Scheinverdoppelung der äusseren Geschlechtsstelle, ein Beitrag zur Lehre von den Missbildungen des kaudalen Rumpfes. Beitr. path. Anat., 1931, 87: 455-65.—**Grünwald, P.** Entwicklungsmechanische Untersuchungen über die Genese einiger Fehlbildungen des Urogenitalsystems. Ibid., 1937-38, 100: 309-22.—**Hain, A. M., & Robertson, E. M.** Congenital urogenital anomalies in rats, including unilateral renal agenesis. J. Anat., Lond., 1935-36, 70: 566-76.—**—** Congenital urogenital anomalies in rats including unilateral renal agenesis; further data in support of their inheritance. Ibid., 1937-38, 72: 83-100, ch.—**Hernández Cárdenas, O.** Malformación congénita de los órganos genito-urinario y de la pelvis. An. clin. Hosp. Juárez, Méx., 1931, 1: 258-64.—**Krediet, G., & Schultze, W. H.** Der Zusammenhang zwischen der Agenesie einer Niere, der gehemmten Entwicklung des Genitalapparates und dem Fehlen des hinteren Beines an derselben Seite; zugleich ein Beitrag zur Kenntnis des Lenden- und Sakralmarkes beim Schafe. Frankf. Zschr. Path., 1925, 33: 165-87.—**Lentze, F. A.** Verwickelte Missbildungen der Harngeschlechtsorgane. Virchows Arch., 1929, 272: 279-94.—**Lower, W. E.** Clinical significance of congenital deformities of the genito-urinary tract. South. M. J., 1929, 22: 284-9.—**—** The surgical treatment of certain anomalies of the genito-urinary tract. Proc. Interst. Postgrad. M. Ass. N. America (1929) 1930, 5: 219-22.—**Maisonnet.** A propos de l'indemnité des blessés présentant une malformation congénitale de l'appareil urogénital, révélée par un traumatisme. Bull. Soc. fr. urol., 1935, 28-32. Also J. urol. méd., Par., 1935, 39: 229-33.—**Matsukuma, K.** Ueber einen Fall von hochgradiger Missbildung der Urogenitalorgane mit symmetrischer Polydaktylie bei einem Säugling; zugleich ein Beitrag zur Kenntnis der kombinierten Missbildung. Taiwan igakkai zasshi, 1940, 39: 468.—**Mayo, C. H.** Developmental anomalies, especially of the genito-urinary tract. Tr. N. Hampshire M. Soc., 1926, 135: 106-16, 4 pl.—**—** Contributing causes of genitourinary anomalies. Tr. South. Surg. Ass., 1928, 41: 126-33. Also Surg. Gyn. Obst., 1929, 48: 367-71.—**Neuswanger, C. H.** Urogenital deformities. J. Connecticut M. Soc., 1939, 3: 492.—**Ohlmacher, A. P.** Dystopic maldevelopment of genito-urinary system; case report. J. Michigan M. Soc., 1937, 36: 550-3.—**Potter, A. H.** Ectopia vesicae, imperforate rectum and anus, true hermaphroditism and other anomalies. Am. J. Surg., 1936, 31: 172-8.—**Shackelford, R. T.** Left urogenital maldevelopment. Ibid., 1937, 35: 117-20.—**Sorrentino, B.** Su rarissima malformazione dell'apparato uro-genitale. Arch. ital. urol., 1933-34, 10: 163-70.—**Szantroch, Z.** Un cas de malformations congénitales de l'intestin postérieur et de l'appareil uro-génital, attribuables à la rupture de la paroi

ventrale du sinus intestinal postérieur. Arch. anat., Strasb., 1930-31, 11: 155-83.—**Thompson, A. R.** Congenital deformities of the lower urinary tract and the genital organs. Guy's Hosp. Rep., Lond., 1929, 79: 424-36.—**Toback, A.** Ueber Kloakenmissbildungen. Virchows Arch., 1927, 265: 354-65.—**Walters, W.** The surgical treatment of some congenital abnormalities of the genito-urinary tract. Proc. Interst. Postgrad. M. Ass. N. America (1930) 1931, 6: 515-8. Also Ann. Surg., 1931, 93: 862-7. Also Minnesota M., 1933, 16: 260-3.—**—** Uretersigmoidal transplantation and other plastic procedures for congenital abnormalities of the genito-urinary tract. Urol. Cut. Rev., 1935, 39: 73-6.—**Wershub, L. F.** Interpretation of congenital anomalies of the genito-urinary tract with a study of 500 routine autopsies and 150 cadaver dissections. Hahnemann. Month., 1935, 70: 174-82.—**Young, H. H.** The abnormalities and plastic surgery of the lower urogenital tract. J. Urol., Balt., 1936, 35: 417-80.

— Cancer.

VARGAS ZALAZAR, R. *Cáncer en las vías genito-urinarias; su tratamiento por la curie y radioterapia profunda [Univ. Chile] 96p. 8°. Santiago, 1928.

Ajamil, L. F. Cáncer del tractus genitourinario. Bol. Liga cáncer, Habana, 1932, 7: 336-50. Also In Diagn. trat. cáncer (Liga c. Cáncer) Habana, 1932, 235-49.—**Baker, W. W.** Survey of the malignancies of the genito-urinary tract. Pennsylvania M. J., 1937-38, 41: 709-14.—**Bugbee, H. G.** Surgery of genito-urinary malignant tumors. J. Am. M. Ass., 1939, 112: 298-301.—**Burford, G. E.** Cancer of the genito-urinary tract. South. M. J., 1936, 29: 65-8.—**Burns, E.** Malignancies of kidneys, bladder and prostate. N. Orleans M. & S. J., 1937-38, 30: 591-3.—**Campbell, M. F.** Primary malignant tumors of the urogenital tract in infants and children. J. Am. M. Ass., 1937, 109: 1606-12. Also repr.—**Davidson, O. W.** Malignancies of the genito-urinary tract. Month. Bull. Kansas City Clin. Soc., 1935, 11: 3-9.—**Dean, A. L., jr.** Early symptoms and diagnosis of cancer of the genitourinary organs. Am. J. Surg., 1930, n. ser., 8: 988-94.—**—** Cancers of the genitourinary organs in children. J. Pediat., S. Louis, 1939, 15: 340-53.—**Fruchaud, H.** De l'utilisation des radiations dans les cancers de la vessie et de la prostate. J. urol. méd., Par., 1935, 39: 97-118.—**Graves, R. C.** Malignant disease of the genito-urinary system. N. England J. M., 1929, 102: 1273-6.—**—** & **Kickham, J. E.** Cancer of the genito-urinary organs. Am. J. Cancer, 1934, 21: 651-7.—**Hess, E.** Genito-urinary malignancy. Urol. Cut. Rev., 1935, 39: 791-7.—**Hinman, F.** Cancer of the urogenital tract. J. Mount Sinai Hosp. N. York, 1937-38, 4: 627-41.—**Ilyés, G.** [Operative results in cancer of kidney, bladder and prostate] Orv. hetil., 1935, 79: 255-8. Also Verh. ungar. ärztl. Ges., 1935, 7: 21. Also Zschr. urol. Chir., 1935-36, 41: 123-32.—**Kretschmer, H. L.** Carcinoma of the genito-urinary tract; 5 year cures. Surg. Gyn. Obst., 1934, 58: 460.—**Morson, A. C.** The radium treatment of genito-urinary cancer. Brit. M. J., 1930, 2: 953-5.—**Nisbet, A. T.** Deep roentgen therapy of carcinoma of the bladder and prostate. Am. J. Roentg., 1935, 33: 807-9.—**Scotson, F. H.** Malignant tumors of the kidney and testis. Brit. M. J., 1934, 1: 1026.—**Smith, G. G.** Carcinoma of the genito-urinary tract. N. England J. M., 1929, 201: 1277-80.—**Trogu, G.** Tumori maligni della vescica e della prostata. Rass. med. sarda, 1937, 39: 1-11.—**Vignal.** Radiothérapie des tumeurs malignes des organes genito-urinaires. Hôpital, Par., 1927, 15: 490-3.—**Walther, H. W. E.** End-results in genito-urinary cancer. J. Urol., Balt., 1927, 17: 179-97.—**Welch, C. E., & Nathanson, I. T.** Life expectancy and incidence of malignant disease; carcinoma of the genito-urinary tract. Am. J. Cancer, 1937, 31: 586-97.—**Willan, R. J.** Cancer of the genito-urinary tract. Practitioner, Lond., 1939, 143: 78-90.—**Wirth, J. E.** Carcinoma of the urinary bladder, cervix uteri and prostate treated by supervoltage roentgen rays; supplementary report. Am. J. Roentg., 1938, 40: 715-22.—**—** Informe suplementario sobre el tratamiento por rayos roentgen de alta tensión del carcinoma de la vejiga urinaria, el cuello uterino, y la prostata. Rev. radiol. fisioter., Chic., 1938, 5: 18.—**Young, H. H., & Waters, C. A.** Deep Roentgen-ray and radium therapy in malignant disease of the genitourinary tract. Am. J. Surg., 1927, n. ser., 2: 101-25.

— Disease.

BERGER, H. I. Diagnosis of genito-urinary diseases and urinalysis. 100p. 8°. S. Louis, 1934.

COLONNA, G. Le malattie chirurgiche del sistema uro-genitale ad uso degli studenti e dei medici pratici. 477p. 8°. Milano, 1926.

DODSON, A. I. Synopsis of genitourinary diseases. 275p. 8°. S. Louis, 1934. Also 2. ed. 294p. 1937.

HELMHOLZ, H. F., & AMBERG, S. Diseases of the genito-urinary system in infancy and childhood. 239p. 8°. N. Y., 1930.

HERTZLER, A. E. Surgical pathology of the genito-urinary organs. 286p. 8°. Phila., [1931]

KEYES, E. L., & KEYES, E. L., jr. The surgical diseases of the genito-urinary organs. 827p. 8°. N. Y., 1904.

WILSON, J. R., CLAUSEN, S. W. [et al.] Diseases of the genito-urinary tract. p.561-613. 8°. N. Y., 1935.

In Pract. Libr. M. & S. (Appleton) 1935, 7:

Bandler, C. G., Killian, J. A., & Johnston, M. B. Chemical blood changes produced by obstructive lesions of the urogenital tract. *Am. J. Surg.*, 1928, n. ser., 5: 440.—Beer, E. Abdominal symptoms produced by disease in the urogenital tract. *Surg. Gyn. Obst.*, 1936, 63: 315-7.—Blaustein, N. Angio-neurotic edema of entire genito-urinary system. *J. Urol.*, Balt., 1926, 16: 379-90. — Acute abdominal diseases with genito-urinary symptoms and genito-urinary diseases with acute abdominal symptoms. *Urol. Cut. Rev.*, 1934, 38: 103-5.—Bloch, L. Gastro-intestinal manifestations of diseases of the genito-urinary tract. *Ibid.*, 1940, 44: 25-9.—Blum, V. Die Unterscheidung intraabdomineller von urogenitalen Erkrankungen. *Mitt. Volksgesundh. Wien*, 1929, Aertzt. Prax., 77. Also *Wien. klin. Wschr.*, 1929, 42: 149-51.—Cowles, A. G. Emotional and psychic factors in genito-urinary diseases. *Texas J. M.*, 1932, 27: 731.—Davis, D. M. Allergy in relation to the urogenital tract. *Southwest. J. M. & S.*, 1934, 18: 9-12.—Dorsey, T. M. The importance of genito-urinary symptoms. *Urol. Cut. Rev.*, 1926, 30: 459-63.—Dózsai, J. A húgyvírszervek betegségeinek diagnosztikája. In *Klin. diagn.* (V. Müller) Budapest, 1937, 1: 850-75.—Engel, W. J. Gastro-intestinal symptoms of lesions in the genito-urinary tract. *Cleveland Clin. Q.*, 1937, 4: 254-60.—Evans, J. L. Importance of genito-urinary impairments in life insurance selection covering papilloma, prostatitis, cystitis and kidney stones. *Med. Insur.*, 1926, 42: 138-43.—Feggetter, G. Y. Anomalous symptoms in some genito-urinary conditions. *Proc. R. Soc. M.*, Lond., 1937-38, 31: 1069-73.—Goeltz, F. A. Allergy in relation to diseases of the urogenital tract. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 6-8. Also *J. Urol.*, Balt., 1937, 37: 60-2.—Grieder, H. Krankheiten des Urogenitalapparates bei unseren Pelztieren. *Schweiz. Arch. Tierh.*, 1937, 79: 563-70.—Haines, C., & Beck, W. Calcification of the genito-urinary tract; a case report. *Bull. Guthrie Clin.*, 1932, 2: 74.—Haines, C. N., & Lynch, J. C. Differential considerations of the abdominal manifestations of genito-urinary disease. *Ibid.*, 23-7.—Halfman, W. E. Important factors which enter into the diagnosis of diseases of the genito-urinary tract. *Collect. Papers N. York Homeop. M. Coll.*, 1935, 1: 291-8.—Hartsock, C. L. The symptomatic mimicry of gastro-intestinal diseases by lesions of the genito-urinary tract. *South. M. J.*, 1936, 29: 566-71.—Hencz, L. [Purpura of the urogenital tract] *Gyógyászat*, 1932, 72: 225-9.—Hermann, E. Az urogenitalis szervek ideges vonatkozású megbetegedéseinek diagnosztikája. In *Klin. diagn.* (V. Müller) Budapest, 1937, 1: 876-81.—Higgins, C. C. Gastro-intestinal disturbances associated with diseases of the genito-urinary tract. *Surg. Clin. N. America*, 1936, 16: 1041-9.—Higgins, T. T., Nabarro, D., & Payne, W. W. Genito-urinary disease. *Practitioner*, Lond., 1939, 142: 437-52.—Hogge, A. Les barrières défensives des appareils urinaire et génital contre les ennemis du dehors. *Arch. fr. belg. chir.*, 1928, 31: 675-81. Also *Liège méd.*, 1933, 26: 189-200.—Horder, T., Nelson, H. P. [et al.] Coliform infections of the genito-urinary tract. *Lancet*, Lond., 1930, 1: 688-90.—Kennedy, F., & Wortis, S. B. The effects of some nervous system lesions on genito-urinary mechanisms. *J. Urol.*, Balt., 1936, 36: 255-60.—Kröber, F. Ueber ein eigenartiges Krankheitsbild bei afrikanischen Eingeborenen am Viktoriasee. *Arch. Schiffs Tropenhyg.*, 1933, 37: 484-96.—Levy, S. Klinischer Beitrag zu den Urogenitalerkrankungen im Säuglingsalter; über die Häufigkeit eines Urinbefundes im Säuglingsalter. *Zschr. Kinderh.*, 1927, 43: 516-24.—Lower, W. E. Genito-urinary conditions. *Proc. Interst. Postgrad. M. Ass. N. America* (1930) 1931, 6: 147-51, 3 pl. — Gastro-intestinal disturbances associated with diseases of the genito-urinary tract. *Ibid.*, 1933, 410. Also *Surg. Clin. N. America*, 1935, 15: 823-9. — Factors to be considered in the diagnosis of diseases of the genito-urinary tract. *Proc. Interst. Postgrad. M. Ass. N. America*, 1937, 269-74.—McClelland, J. C. The significance of genito-urinary pain. *Canad. M. Ass. J.*, 1927, 17: 185-7.—MacKenzie, D. W., & Seng, M. I. Study of cause of death in genito-urinary disease; a preliminary report. *J. Urol.*, Balt., 1933, 29: 321-35.—Maggiore, S. Malattie dell'apparato urogenitale. In *Manuale pediat.* (Frontali, G.) Tor., 1936, 1: 549-90.—Marquardt, C. R. Blastomycosis of the genito-urinary tract. *Tr. North Centr. Am. Urol. Ass.*, 1935, 41-3. Also *J. Urol.*, Balt., 1936, 35: 531-3.—Milks, H. J. Some diseases of the genito-urinary system. *Cornell Vet.*, 1939, 29: 105-14.—Morton, H. M. Cases of interest in the genito-urinary service of St Peters Hospital. *Med. Times, N. Y.*, 1927, 55: 123-5.—Nitschke, A. Harn und Geschlechtsorgane. *Mscr. Kinderh.*, 1937, 70: 145-50.—Pelouze, P. S. Psychogenic sensory and functional urogenital symptoms. *Med. Clin. N. America*, 1937, 21: 1177-83.—Potel, G. Les troubles génito-urinaires dans les petites hypertensions portales. *J. urol. méd.*, Par., 1926, 21: 193-202.—Riches, E. W. Genito-urinary diseases. *Practitioner*, Lond., 1939, 143: 528-38.—

Salleras Pages, J. Cuadros sinópticos de semeiología genito-urinary. *Rev. Círc. méd. argent.*, 1928, 28: 1930-9.—Sánchez Covisa, I. Ifidatidosis genito-urinary. *Urol. clín. Hosp. provinc. Madrid*, 1931, 2: 271-87, pl.—Sandrey, J. Calcification of the genito-urinary organs. *Proc. R. Soc. M.*, Lond., 1937-38, 31: 749-54, 4 pl.—Seng, M. I. The significance of backache in genito-urinary disease. *Canad. M. Ass. J.*, 1933, 28: 283-5.—Spence, J. C. Diseases of the genito-urinary system. In *Dis. Child.* (Thursfield & Paterson) Lond., 1934, 599-630.—Thomas, T. S. Preclinical signs and symptoms of disease of the genito-urinary system. *J. M. Soc. N. Jersey*, 1926, 23: 215-21.—Thompson, A. R. The nature of badly functioning kidneys and their relation to the urogenital column of cellular tissue. *Guy's Hosp. Rep.*, Lond., 1938, 88: 403-17.—Tuason, M. N. The genito-urinary patient and the hospital. *J. Philippine Islands M. Ass.*, 1927, 7: 159-62.—Walker, K. Urogenital diseases, non-venereal. In *Brit. Encycl. M. Pract.* (Rolleston, H.) 1939, Surveys, 157-9.—Young, H. M. Early symptoms of genito-urinary disease. *J. Missouri M. Ass.*, 1938, 35: 310-5.

— Disease: Treatment.

See also Urology, Therapeutics.

[MERCK & Co.] Oral and local Pyridium therapy in the treatment of genito-urinary diseases. 38p. 8°. [Rahway, N. J. 1935]

Alkiewicz, T. [Roentgen therapy in affections of the urogenital tract] *Polski przegl. radiol.*, 1935-36, 10-11: 283-9.—Barnes, R. W. Treatment of urogenital diseases with physiotherapy. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 273-7.—Beyran, Formules employées dans le traitement des maladies des organes génito-urinaires. *J. chim. méd.*, Par., 1865, 5. ser., 1: 341.—Blech, G. M. Evaluation of electrosurgery in genito-urinary diseases. *Urol. Cut. Rev.*, 1938, 42: 253-6.—Bradley, J. D. Genito-urinary diseases in general practice. *Nebraska M. J.*, 1940, 25: 17-9.—Cary, F. S. Control of urogenital spasm. *Urol. Cut. Rev.*, 1936, 40: 569-71.—Clark, A. L., & Bigsby, F. L., jr. The dietary treatment of urogenital diseases. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 185-93. Also *J. Urol.*, Balt., 1937, 37: 239-47.—Colaneri, X. La vaccination buccale pour le syndrome entéro-uro-génital. *J. méd. Paris*, 1929, 48: 617.—Corbus, B. C. Intradermal immunization in genito-urinary diseases. *J. Urol.*, Balt., 1931, 26: 727-45.—Cumberbatch, E. P. Diathermy in diseases of the genito-urinary organs. *Med. J. & Rec.*, 1931, 134: 288-90.—Eblinger, Zur Kamilloscötherapie der Urogenitalleiden. *Med. Klin.*, Berl., 1930, 26: 1413.—Farman, F. Non-surgical treatment of urogenital disease. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 278-82.—Fleischman, A. G. Present status of electrosurgery and diathermy in the treatment of diseases of the genito-urinary tract. *Am. J. Surg.*, 1930, n. ser., 10: 116-21. Also repr.—Goerner, A., & Haley, F. L. Demonstration of penetration of an antiseptic dye into the tissues of the genito-urinary tract. *J. Lab. Clin. M.*, 1934, 19: 735-7.—Graves, R. C. The present value of diathermy in urogenital diseases. *Am. J. Surg.*, 1927, n. ser., 2: 327-33.—Herring, J. B. Heat in the treatment of chronic urogenital diseases. *Tr. West. Soc. Am. Urol. Ass.*, 1939, 8: 179.—Johnson, H. McC. Histaminase and histamin desensitization in genito-urinary allergy. *J. Urol.*, Balt., 1940, 43: 891-905. — The influence of the endocrines, nutrition and infections in the management of genito-urinary diseases. *Urol. Cut. Rev.*, 1940, 44: 150-60.—Kieckham, C. J. E. The need for co-operation between genito-urinary and orthopedic surgeons. *N. England J. M.*, 1939, 221: 456-61.—Kleinschmidt, O. Ambulante Behandlung von Erkrankungen des Urogenitalsystems. *Deut. med. Wschr.*, 1931, 57: 1708-11.—Kovacs, R. Physical therapy in disorders of the genito-urinary tract. *Urol. Cut. Rev.*, 1938, 42: 237-40.—Lubash, S. Direct application of the ultraviolet ray to the genito-urinary system. *Am. J. Surg.*, 1933, 20: 153-6. Also *J. Urol.*, Balt., 1933, 30: 231-8.—Lucas, S. Treatment of some genito-urinary and gynecologic conditions with α -butyl-oxyphenolacetic acid diethylethylenediamide. *N. York Physician*, 1938, 11: No. 3. 20.—O'Connor, V. J. Discussion on diathermy in genito-urinary diseases. *Illinois M. J.*, 1926, 49: 123.—Orton, G. H. X-ray treatment of diseases of the genito-urinary system. *Brit. M. J.*, 1934, 2: 343-6.—Phillips, A. A. The prophylaxis of genito-urinary diseases. *J. Nat. M. Ass.*, 1938, 30: 65.—Reeves, R. S. Modern dietetics in disorders of the kidney and genito-urinary tract. *Pennsylvania M. J.*, 1936-37, 40: 10-4.—Remington, G. A. Physiotherapy in genito-urinary diseases. *Med. Stand.*, 1925, 48: No. 12, 17-21. Also *Am. J. Phys. Ther.*, 1925-26, 2: 307-12.—Roucaurol. Des précautions à prendre pour éviter tout accident dans les applications de diathermie uro-génitales. *J. radiol. électr.*, 1934, 18: 328-30.—Rubley, S. J. The use of diathermy in genito-urinary conditions. *Am. J. Phys. Ther.*, 1925-26, 2: 507.—Smith, G. G. Roentgen ray and radium therapy in diseases of the genito-urinary tract. *N. York State J. M.*, 1936, 36: 717-21.—Spaulding, R. H. A new method of treating genito-urinary diseases in small animals. *Vet. Med.*, Chic., 1933, 28: 452-7.—Trifu, V. [Treatment of diseases of urogenital origin] *România med.*, 1928, 6: 180.—Turrell, W. J. Electrotherapy in the treatment of diseases of the genito-urinary system. *Brit. M. J.*, 1934, 2: 160-2.—Wesson, M. B., Albert, R. H., & Curia, G. The relief of genito-urinary disorders by dental operations. *Contact Point*, 1939-40, 17: 137-46.—Wheeler, R. Diseases of the genito-urinary tract.

Pract. Libr. M. & S. (Appleton) N. Y., 1935, 8: 869-907.—**Wolny, F.** [Therapeutic problems in diseases of the urogenital organs] Cas. l k.  esk., 1930, 69: 1107.

Embryology.

Brown, A. L. An analysis of the developing metanephros in mouse embryos with abnormal kidneys. Am. J. Anat., 1931, 47: 117-58, 6 pl.—**Dalcq, A.** Sur l'existence de foyers pr n phr tiques au stade blastula chez le discoglosse. Bull. Acad. m d. Belgique, 1936, 6. ser., 1: 495-507.—**Fleischmann, A.** Die Harnkeim-(Urogenital-) Gegend der Nabeltiere (Amniota) Zschr. ges. Anat., 1. Abt., 1928, 88: 179.—**Gr nwald, P.** Zur Entwicklungsmechanik des Urogenitalsystems beim Huhn. Arch. Entw. mech., 1937, 136: 786-813.—**McCrary, E., jr.** The development and fate of the urogenital sinus in the opossum, Didelphys virginiana. J. Morph., 1940, 66: 131-54.—**Marcus, H.** Ueber die Keimbahn, Keimdr sen, Fettk rper und Urogenitalverbindung bei Hypogeophis. Biomorphosis, Basel, 1938-39, 1: 355-84.—**Maschkowzew, A.** Zur Phylogenie des Urogenitalsystems der Wirbeltiere auf Grund der Entwicklung des Mesoderms, des Pronephros, der An loffnung und der Abdominalporen bei Acipenser stellatus [in Acipenser stellatus] Zool. Jahrb., Abt. Anat., 1926, 48: 201; 457. Entfernung, Transplantation und Entwicklung der Keimanlage des Pronephros in vitro bei Siredon pisciformis und Rana temporaria; zum Korrelationsproblem in der Entwicklung des Urogenitalsystems der Craniata. Ibid., 1934-35, 54: 1-40.—**Meyer, A.** Die Entwicklung der Nephridien und Gonoblasten bei Tubifex rivulorum Lam. nebst Bemerkungen zum nat rlichen System der Oligochaeten. Zschr. wiss. Zool., 1929, 133: 517-62.—**Schwarz, F.** Die Harnkeim-(Urogenital-) Gegend der Nabeltiere (Amniota) die Entwicklung des Harnkeimwerkes (Urogenitalia) beim Maulwurf (Talpa europaea) Zschr. ges. Anat., 1. Abt., 1928, 88: 181-222.—**Seevers, C. H.** Potencies of the end bud and other caudal levels of the early chick embryo, with special reference to the origin of the metanephros. Anat. Rec., 1932, 54: 217-46.

Fistula.

Koenig, R. *Ueber Urogenitalfisteln; ein Bericht  ber das Krankengut der M nchener Universit ts-Frauenklinik in den Jahren 1920-34 [M nchen] 19p. 8 . W rzbg., 1937.

M ller, H. *Ueber die Prognose nicht-operierter Uro-Genital-Fisteln [Marburg] 59p. 8 . Dortmund-H rde [1933]

Foreign body.

Irwin, R. The diagnosis and treatment of traumatism and foreign bodies in the urogenital tract. Wisconsin M. J., 1937, 36: 182-6.—**Rosenblum, P., & Jones, A. E.** Foreign bodies in the urogenital tract of children. J. Pediat., S. Louis, 1938, 12: 769-71.

Hemorrhage.

See also **Hematuria**; also under names of primary diseases as **Nephritis**; **Tuberculosis**, &c.

Bennardi, A. M. Bleeding from the genitourinary tract. Clin. M. & S., 1927, 34: 768-71.—**Kiell thner.** Blutungen aus dem Urogenitalsystem. M nch. med. Wschr., 1933, 80: 1693-5.—**Morsion, A. C.** The relationship between genitourinary haemorrhage and diseases of the vascular system. Proc. R. Soc. M., Lond., 1933, 27: Sect. Urol., 87-94, pl.—**Zachariae, G.** Ueber die Behandlung von Blutungen der Sexual- und Harnorgane vom Standpunkt des Internisten. Fortsch. Med., 1936, 54: 321-3.

Infection [and inflammation]

Babok, A. *Emploi du s rum antigangr neux de l'Institut Pasteur dans les infections g nito-urinaires de l'homme et de la femme. 79p. 8 . Par., 1934.

Viala, M. *Etude des infections g nito-urinaires   pneumo-bacilles de Friedl nder. 100p. 8 . Par., 1933.

Abt, I. A. Diagnosis and treatment of infection of the urogenital tract in childhood. Illinois M. J., 1934, 66: 521-5.—**Allen, F. R. W. K., Sharma, G. L.** [et al.] The failure of sulphanilamide therapy in the treatment of coliform and gonococcal infections of the genito-urinary tract. Ind. M. Gaz., 1939, 74: 209.—**Andrews, T. A.** Staphylococcal infections of the genito-urinary tract. Med. Rec., Houston, 1939, 33: 866-8.—**Ballenger, E. G., Elder, O. F., & Coleman, R. C., jr.** Hindering factors in the treatment of genito-urinary infections. Mississippi Doctor, 1939-40, 17: 361-4.—**Beisler, S. A., & Jern, H. Z.** Bacteriophage therapy of genito-urinary tract infections. Surg. Clin. N. America, 1940, 20: 475-81.—**Bergey, D. H., & Rosenberger, R. C.** Infections of the genito-urinary tract. Cyelop. M. (Piersol-Bortz) Phila., 1939, 2: 42-4.—**Berry, N. E.** Sulphanilamide in genito-urinary infections. Canad. M. Ass. J., 1938, 39: 65.—**Casals Ariet, J., &**

Massons, J. M. Contribuci n al estudio del foco pr stato-vesicular. Rev. m d. Barcelona, 1936, 25: 341-50.—**Castellana, A., & Adragna, N.** Chemio-immunoterapia di alcune affezioni infiammatorie dell'apparato genito-urinario con calcio ad alte dosi associato ai vaccini. Riv. san. sicil., 1932, 20: 999-1007.—**Cattell, McK., Modell, W.** [et al.] Conferences on therapy; treatment of infections of the genito-urinary tract. J. Am. M. Ass., 1939, 112: 1584-90.—**Chatterji, K. K.** Infection of the uro-genital tract in children. Ind. J. Pediat., 1939, 6: 149-57.—**Clark, A. L., & Branham, D. W.** Sulfanilamide in the treatment of genito-urinary infections. South. M. J., 1938, 31: 387-91.—**Cokkinis, A. J.** Sulphonamide chemotherapy in genito-urinary (non-gonococcal) infections. Brit. M. J., 1938, 1: 1151-5.—**Coutts, W. E.** Infecciones g nito-uritarias y su tratamiento por derivados de la sulfanilamida. Rev. med. aliment., Santiago, 1937-39, 3: 143-8.—**Culver, H.** The importance of the streptococcus in genito-urinary diseases. J. Am. M. Ass., 1934, 103: 637-9.—**Cumming, R. E.** The relationship of the reticulo-endothelial system to urogenital infections. Tr. North Centr. Am. Urol. Ass., 1935, 50-5. Also J. Urol., Balt., 1936, 35: 540-5.—**Chittenden, G. E.** The immune response in urogenital infections. Tr. West. Soc. Am. Urol. Ass., 1936, 5: 172-84. Also J. Urol., Balt., 1937, 37: 226-38.—**Davis, E.** Sulfanilamide in treatment of infections of the genito-urinary tract. Nebraska M. J., 1940, 25: 93.—**Durand.** Un an de chimioth rapie. Bull. Soc. fr. derm. syph., 1939, 46: 458-60.—**Ewell, G. H.** Metastatic infections of the genito-urinary tract. Wisconsin M. J., 1936, 35: 91-5.—**Fain, A. E.** [Treatment of non-gonorrheal urethritis and trichomonas vaginitis with the preparation chloracidel] Sovet. vrach. J., 1938, 42: 925-32.—**Franceschi, E.** Le infezioni genitourinarie de bacillo de Friedl nder. Prat. chir., Arezzo, 1933-35, 4: 216-43.—**Gallizia, F.** Chemioterapia associata acridino-sulfopiridinica nelle infezioni genito-urinarie. Med. sper., Tor., 1940, 6: 99-112.—**Garofalo, F.** Alcuni reperti batteriologici poco frequenti in affezioni dell'apparato genito-urinario. Rinasce. med., 1932, 9: 201.—**Germain, A., & Maudet, J.** Septico-py h mie   pneumobacille de Friedl nder   localisation g nito-urinaire initiale et   essais multiples. Bull. Soc. m d. h p. Paris, 3. ser., 52: 1253-9.—**Heckel, N. J., Jensen, L. B., & Wood, I. H.** A study of dissociating streptococci and their electrical charges in infections of the genito-urinary tract. J. Urol. Balt., 1935, 33: 284-302.—**Streptococcal infections of the genito-urinary system.** Urol. Cut. Rev., 1936, 40: 565-9.—**Hess, E.** Focal infection and its relationship to non-surgical disease of the genito-urinary tract. Ibid., 1926, 30: 21-3.—**Hill, J. H., Seidman, L. R.** [et al.] A preliminary study of 200 gram-negative bacilli isolated from cases of genito-urinary infection. J. Bact., Balt., 1927, 13: 6; 1929, 17: 205.—**Horder, T.** Discussion on coliform infections of the genito-urinary tract. Tr. M. Soc. London, 1930, 53: 251-66.—**Nelson, H. P.** [et al.] Coliform infections of the genito-urinary tract. Brit. M. J., 1930, 1: 650-2.—**Laepfle, H.** Die Schmerzbek mpfung bei entz ndlichen Erkrankungen des Urogenitaltrakts mit Leukotropin. M nch. med. Wschr., 1933, 80: 1593.—**Landivar, R.** Colibacillosis genitourinaria. Sem. m d. B. Air., 1936, 43: pt 2, 1625-9.—**L vy-Bruhl, M., & Viala, M.** Sur les infections g nito-urinaires   pneumobacille de Friedl nder. J. urol. m d., Par., 1935, 39: 193-9.—**Lubowe, I. I.** The treatment of genitourinary infections: the use of an azo dye, picochrome. Med. Rec., N. Y., 1936, 144: 513-15. Also repr.—**McCarthy, J. F., & Ritter, J. S.** Newer concepts and methods of procedure in the management of infections of the genito-urinary tract. Proc. Interst. Postgrad. M. Ass. N. America, 1933, 302-7.—**Bacteriophage in genito-urinary tract infections.** Tr. Am. Ass. Genitourin. Surg., 1933, 26: 123-33. Also repr.—**McMartin, C., Schmitz, W. H., & McMartin, W. J.** Use of sulfanilamide in genito-urinary infections. J. Urol., Balt., 1938, 40: 233-8.—**Masciotra, A. A.** Los esfuerzos violentos y los procesos inflamatorios de los  rganos g nito-uritarios (estudio pericial) Sem. m d. B. Air., 1926, 33: 515-7.—**Nerb, L.** The use of bacterial filtrates (antiviruses) in genitourinary infection. Am. J. Surg., 1933, 19: 511-4. Also repr.—**Osborn, A. L.** Genito-urinary infections. J. Missouri M. Ass., 1935, 32: 444-8.—**R sk l, D.** [Focal infection in urogenital diseases] Gy gy sz t, 1935, 75: 419-21.—**Rodr guez Molina, L. F., & Ajamil, L. F.** Mercurocromo en soluci n glucosada en las infecciones del aparato g nito-urinario. Rev. m d. cubana, 1927, 38: 117-25.—**Rougayrol, P. E.** La D'arsonvalisation directe (diathermie) dans les infections des organes g nito-urinaires. J. radiol.  lectr., 1933, 17: 575-80.—**Sandholzer, L. A.** Cultural characteristics of aerobic gram-negative bacilli isolated from genito-urinary infections. J. Bact., Balt., 1936, 31: 39.—**Scott, W. W.** A bacteriological and clinical study of bacillary infections of the urogenital tract. J. Urol., Balt., 1939, 42: 183-96.—**Schultz, E. W.** Bacteriophage as a therapeutic agent in genito-urinary infections. California West. M., 1932, 36: 33; 91.—**Sheldon, W.** Genito-urinary infection in childhood. Brit. M. J., 1939, 2: 551-5.—**Shivers, C. H. de T., & Cooney, C. J.** The value of metapen in the treatment of genito-urinary infections. A. M. Soc. N. Jersey, 1935, 32: 264-75.—**Stadnichenko, A. M. S.** Thirty strains of gram-positive cocci isolated from cases of genito-urinary infections. J. Bact., Balt., 1929, 17: 303-13.—**Sutton, M. G.** Non-venereal infections of the genito-urinary organs. Med. J. Australia, 1939, 1: 642-54.—**T rkel, E.** Ueber die desinfizierende Therapie bei fieberhaften Erkrankungen des Urogenitaltrakts mit besonderer Ber cksichtigung des Argotropins. Wien. klin.

Wschr., 1938, 51: 1236-9.—**Van Valkenburg, F. W.** The treatment of genito-urinary infections. *J. Lancet*, 1936, 56: 340.—**Vest, S. A., Harrill, H., & Colston, J. A. C.** The use of sulfailamide in urogenital infections. *J. Urol.*, 1938, 39: 198-221.—**Wesson, M. B.** Infections of the genito-urinary tract. *California West. M.*, 1933, 39: 113-8. Also repr.—**Young, H. H., Colston, J. A. C., & Hill, J. H.** Infections in the genito-urinary tract, and complications; further advances in the treatment. *J. Am. M. Ass.*, 1932, 98: 715-22. Also repr.—**Young, H. H., & Waters, C. A.** Urogenital infections and infestations. *Ann. Roentg.*, 1928, 7: 243-71.

Injury.

THOMSON-WALKER, J. Surgical diseases and injuries of the genito-urinary organs. 2. ed. 974p. 8°. Balt., 1936.

Beach, E. W. Common traumatic injuries of the genito-urinary tract. *Med. Rec.*, N. Y., 1939, 149: 117-22.—**Corcoran, W. J.** Intravenous urography in injuries to the genito-urinary tract. *Radiology*, 1935, 25: 231-5.—**Fraser, A. J.** Industrial trauma as a factor in disease of the lower genito-urinary tract. *Internat. Clin.*, 1928, 38, ser., 2: 70-83.—**Hellström, J.** [Gunshot injuries of the urogenital organs during war] *Nord. med.*, 1939, 2: 1547-50.—**Kaufmann, C.** Die Verletzungen der Harn- und Geschlechtsorgane. In his *Handb. Unfallmed.*, 5. Aufl., Stuttg., 1932, 1: 482-96.—**McKenna, C. M.** Traumatic lesions of the urogenital tract. *J. Urol.*, Balt., 1932, 27: 95-101. ——— Diagnosis and management of traumatic lesions of genito-urinary tract. *Internat. J. M. & S.*, 1934, 47: 69. ——— Routine use of neoskiodan in suspected injuries to the genito-urinary tract. *J. Am. M. Ass.*, 1934, 102: 599-602.—**Morris, H. L., & Brunton, J. F.** Accidents sustained by the genito-urinary system during operative procedures. *Urol. Cut. Rev.*, 1933, 37: 145-55.—**Neligan, G. E.** War injuries to the genito-urinary tract. *Brit. M. J.*, 1939, 2: 291-3.—**Posner, C.** Verletzungen der Harn- und Geschlechtsorgane im Kriege. *Behandl. Kriegsverletz. Kriegskrankh.* in d. *Heimatl.*, 1915, T. 1, 233-50.

Innervation.

Bacq, Z. M. L'innervation des organes génitaux et urinaires. *Liège méd.*, 1936, 29: 461; 524; 552.—**Gruber, C. M.** The autonomic innervation of the genito-urinary system. *Physiol. Rev.*, 1933, 13: 497-609.

Radiography.

See also **Pyelography; Urology.**

Koenig, E. C. X-ray assistance in solving genito-urinary problems. *Radiology*, 1927, 9: 104-8.—**McCarthy, J. F., & Ritter, J. S.** Roentgenographic delineation of the urogenital tract. *South. Surgeon*, 1932, 1: 70-3.—**Ritchie, W. L.** X-ray diagnosis of the genito-urinary tract. *Canad. M. Ass. J.*, 1932, 26: 435-7.—**Vickery, E. A., & Chesley, H. O.** Iopax in the diagnosis of the diseases of the genito-urinary tract. *N. England J. M.*, 1932, 206: 220-2.—**Young, H. H., & Waters, C. A.** Combined roentgenological and urological study of the genito-urinary tract. *Ann. Roentg.*, 1928, 7: 1-51.

Surgery.

See also **Urology, surgical.**

BAILEY, N., & MATHESON, N. M. Recent advances in genito-urinary surgery. 213p. 8°. Lond., 1936.

COYTE, R. Surgery of the genito-urinary tract. 127p. 8°. Lond. [1932]

DUVAL, P., & GATELLIER, J. Chirurgie de l'appareil urinaire et de l'appareil génital de l'homme. 7. éd. 284p. 8°. Par., 1929.

KRETSCHMER, H. L. Surgery of the genito-urinary tract. 52p. 8°. Hagerstown, 1937.

In *Pract. Pediat.* (Brennemann, J.) Hagerstown, 1937, 3: chap. 32.

MEDICAL OUTLINE PUBLISHERS. Outline of genito-urinary surgery. 49p. 4°. Chic., 1935.

Boyd, M. L. Blood transfusion in genito-urinary surgery. *J. Urol.*, Balt., 1925, 14: 253-9.—**Cabot, H., & Emmett, J. L.** Recent trends in genito-urinary surgery. *Surg. Clin. N. America*, 1938, 18: 1027-39.—**Clark, J. B.** Gentleness in genito-urinary surgery. *J. Am. M. Ass.*, 1926, 86: 1189.—**Doherty, W. D.** Surgical emergencies in the genito-urinary system. *Practitioner*, Lond., 1938, 140: 461-8.—**Genito-urinary (A)** surgeon. *Lancet*, Lond., 1937, 2: 927; 1043.—**Ghose, A. C.** The significance of the blood cholesterol in the surgery of the genito-urinary system. *Ind. J. M. Res.*, 1933, 20: 839-94.—**Goldhahn, R.** Eingriffe an den Harn- und Geschlechtsorganen. *Deut. med. Wschr.*, 1937, 63: 1735-7.—**Hamer, H. G.** Sodium amylal anaesthesia in genito-urinary surgery. *Indianapolis M. J.*, 1929, 32: 200.—**Harnett, W. L.** Some modern methods in genito-urinary surgery. *Calcutta M. J.*, 1925-26, 21: 85-99.—**Harris, T. A. B.** Anaesthesia in genito-urinary surgery. *Brit. J. Anaesth.*, 1938-39, 16: 128-40.—**Keyes, E. L.** Electrosur-

gery in diseases of the genito-urinary system. *Surg. Gyn. Obst.*, 1931, 52: 515.—**Lower, W. E.** Anesthesia in genito-urinary operations. *Tr. Am. Surg. Ass.*, 1927, 45: 64-9. Also *Ann. Surg.*, 1927, 86: 263-72.—**Sisk, I. R.** Postoperative treatment in genito-urinary surgery. *Tr. Physicians Mayo Clin.* (1926) 1927, 7: 302-6.—**Tyler, E. A.** Anesthesia in genito-urinary surgery. *Hahneman. Month.*, 1934, 69: 463-5.

Tumor.

See also subheading **Cancer.**

Barringer, B. S. Radium therapy of tumors of the genito-urinary tract. *Am. J. Surg.*, 1931, n. ser., 12: 243-8.—**Dean, A. L.** Treatment of tumors of the genito-urinary organs. *Surg. Clin. N. America*, 1940, 20: 409-18.—**Ferguson, R. S.** Results of treatment of the genito-urinary tumors by roentgen rays. *J. Urol.*, Balt., 1937, 37: 823-31.—**Grant, F. C.** Cordotomy for relief of pain in the genito-urinary tract. *Ibid.*, 1931, 25: 551-8.—**Hansmann, G. H., & Budd, J. W.** Massive unattached retroperitoneal tumors; an explanation of unattached retroperitoneal tumors based on remnants of the embryonic urogenital apparatus. *J. Am. M. Ass.*, 1931, 98: 6-10.—**Lower, W. E.** Clinical aspects of genito-urinary tumors. *Radiology*, 1930, 15: 544-6.—**Portmann, U. V.** Radiation therapy of tumors of the genito-urinary tract. *Ibid.*, 542.—**Young, H. H., & Waters, C. A.** Tumors of the urogenital tract. *Ann. Roentg.*, 1928, 7: 414-63.

in animals.

REYDELLET, M. *L'examen radiologique de l'appareil génito-urinaire chez les carnivores domestiques [Alfort] 73p. 8°. Par., 1933.

Baumont, J. de. La différenciation sexuelle dans l'appareil uro-génital du triton et son déterminisme. *Arch. Entwicel.*, 1933, 129: 120-78.—**Bhaduri, J. L., & Banerjee, A. K.** Observations on the Wolffian and Mullerian ducts of the common Indian toad *Bufo melanostictus* Schneider. *Jena. Zschr. Naturwiss.*, 1939, 73: 28-36, pl.—**Hudson, H. B.** The urogenital system of the vermilion spotted newt, *Triturus viridescens*. *Abstr. Theses Univ. Pittsburgh*, 1930, 6: 296.—**Koch, M.** Ueber das Urogenitalsystem der Bufoniden, in besonderen über die Histologie des Bidderschen Organs. *Jena. Zschr. Naturwiss.*, 1933-34, 68: 499-612, pl.—**Pfeiffer, C. A.** The anatomy and blood supply of the urogenital system of *Lepidosteus platystomus* Rafinesque. *J. Morph. Physiol.*, 1933, 54: 459-75.—**Raynaud, A.** Particularités histologiques de la région uro-génitale des souris nouveau-nées des deux sexes. *C. rend. Soc. biol.*, 1939, 131: 10-3.—**Rodgers, L. T., & Risley, P. L.** Sexual differentiation of urogenital ducts of *Amblystoma tigrinum*. *J. Morph.*, 1938, 63: 119-41, pl.

GENITO-URINARY system [female]

See also **Genitals [female]**

MÖLLENDORFF, W. VON, & SCHRÖDER, R. Harn- und Geschlechtsapparat. 1. Teil: Exkretions-apparat und weibliche Genitalorgane, 574p. 8°. Berl., 1930.

Jung, M. Harnleiter, Nierenbecken und weibliches Genitale. *Med. Welt*, 1932, 6: 407-10.—**Kreutzer, H. H.** [Remains of the urogenital connection in female suckling animals] *Ned. tschr. geneesk.*, 1937, 81: 3758-60.—**Sandys, O. C., & Zuckerman, S.** Observations on the cervix uteri and the urethra of monkeys. *J. Anat.*, Lond., 1937-38, 72: 352-7, pl.

Abnormality.

See also **Cloaca.**

GARKISCH, E. H. *Ein Fall von totaler rechtsseitiger Aplasie des weiblichen Urogenitaltracts [Breslau] 18p. 21cm. Würzb., 1937.

HEFTI, F. *Ueber Missbildungen der weiblichen Genitalorgane bei Aplasie der einen und Dystopie der andern Niere [Zürich] 23p. 8°. Brugg, 1925.

Carlioni, E. Ancora un caso di gravidanza in donna con agenesia vaginale e sbocco del collo uterino nel canale uretrale. *Rass. ostet.*, 1939, 48: 199-210.—**Cseh, I.** Ueber eine doppel-seitige komplizierte Entwicklungsstörung des weiblichen Urogenitalapparates. *Frankf. Zschr. Path.*, 1935, 48: 117-27.—**Fournier, R.** Hématocolpos par imperforation de l'hymen; utérus bicorné unil-cervical avec imperforation de la corne droite; hémato-mètre et annexes droites rudimentaires; absence totale du rein gauche. *Bull. Soc. obst. gyn. Paris*, 1937, 26: 682. Also *Gynécologie*, 1937, 36: 622-31.—**Gelderen, C. van.** Agenesia renis, Uterus bicornis duplex, Vagina septa resp. subseptata. *Beitr. path. Anat.*, 1928, 81: 213-20.—**Huber, H.** Fehlen der linken Niere bei gleichzeitigen Fehlen der linken Adnexe. *Zbl. Gyn.*, 1937, 61: 1229-33.—**Josifov, G. M.** [Rare case of inherited absence of both kidneys, uterus, vagina and rectum, with undeveloped sexual organs] *Vrach. delo*, 1926, 9: 111.—**Kernwein, G. A.** Combined congenital exstrophy of the female urinary bladder and cloaca. *Tr. Chicago Path. Soc.*, 1932, 14: 4-9. Also *Arch. Path.*, Chic., 1932, 13:

926-30.—**Leone, A.** Su di un caso di estrofia vescicale e uterina di origine congenita. *Med. inf.*, Roma, 1935, 6: 195-200.—**McKelvey, J. L., & Baxter, J. S.** Abnormal development of the vagina and genitourinary tract. *Am. J. Obst.*, 1935, 29: 267-71.—**MacKenzie, K.** Absence of uterus and vagina; single ectopic kidney; malformation of thumbs. *Austral. N. Zealand J. Surg.*, 1934-35, 4: 177.—**Magid, M.** Zur Frage der Missbildungen des Urogenitalsystems. *Mtschr. Geburtsh. Gyn.*, 1929, 83: 63-8.—**Markus, E.** Gynäkologische Fehldiagnosen bei Nierendystopie und Genitalmissbildung. *Zbl. Gyn.*, 1931, 55: 1031-5.—**Martines, S.** Il valore del coefficiente d'imperfezione ureogenetica di Maillard durante la gravidanza, il parto ed il puerperio normale e patologico. *Riv. ital. gin.*, 1937, 20: 544-72.—**Mraz, J. Z.** A case of congenital urinary incontinence with patent urachus, double uterus and double vagina. *J. Urol. Balt.*, 1927, 17: 513.—**Nelson, A. W.** Congenital absence of uterus, right kidney and ureter, plus tumor in the bladder. *Urol. Cut. Rev.*, 1928, 32: 644.—**Neumann, H. O.** Aplasia einer Niere mit gleichzeitiger Missbildung der inneren weiblichen Genitalorgane; Beitrag zur Morphologie der Missbildungen. *Zbl. Gyn.*, 1927, 51: 849-51.—**Nevnyy, H.** Ueber Missbildungen der Urogenitalorgane. *Ibid.*, 1938, 62: 2131-42.—**Newell, J. L.** A case of multiple congenital anomalies of the Müllerian and genito-urinary systems with absence of the coccyx. *N. England J. M.*, 1934, 210: 1217.—**Otero, A.** Dos casos interesantes de anomalías congénitas genitourinarias en la mujer. *Ars medica, Barcel.*, 1933, 9: 175-80.—**Plate.** [Pathologico-anatomical curiosities]. *Ned. tschr. geneesk.*, 1934, 78: 2816.—**Pulvermacher, D.** Ueber einen ausserordentlichen Fall von Atresie und Umlagerung sämtlicher innerer und äusserer Organe des Urogenito-rektalgebietes. *Zbl. Gyn.*, 1926, 50: 2719-27.—**Reyes, F.** Un caso de útero intravescial, ausencia de vagina y trasposición del cabo proximal de la uretra. *Gac. méd. México*, 1929, 60: 66-71.—**Roller, C. S.** Intra-vesical external os uteri; a case of congenital absence of the vagina with external os of menstruating uterus opening into the bladder just below and internal to the right ureteral orifice. *Urol. Cut. Rev.*, 1934, 38: 730.—**Saitzeva, P. V.** [Vaginal aplasia, rudimentary uterus and tubes, aplasia of left kidney and displacement of right kidney, artificial vagina from intestine]. *Klin. J. Saratov.*, 1928, 5: 573-5.—**Schubert, G.** Persistenz eines röhrenförmigen Sinus urogenitalis (mein 30. Fall von Scheidenbildung aus dem Mastdarm). *Arch. Gyn.*, Berl., 1930, 141: 228-36, 2 pl.—**Shumacker, H. B., jr.** Congenital anomalies of the genitalia associated with unilateral renal agenesis; with particular reference to true unicornuate uterus; report of cases and review of the literature. *Arch. Surg.*, 1938, 37: 586-602.—**Szendi, B.** Ueber die Fehlbildungen der Harn- und Geschlechtsorgane. *Zbl. Gyn.*, 1937, 61: 1234-49.—**Talamo, P.** Considerazioni su di un caso di estrofia della vescica accompagnato a malformazioni dei genitali. *Clin. ostet.*, 1936, 38: 516-20.—**Vila, E. L., & García, E. J.** Sobre algunas malformaciones genitourinarias. *Bol. Soc. obst. gin. B. Aires*, 1929, 8: 398-412.—**Walter, A. W., & Krasnoselsky, M. W.** Zur Kenntnis der Anomalien des weiblichen Geschlechtsapparates bei einseitigem angeborenem Nierenmangel. *Zschr. urol. Chir.*, 1928, 25: 424-41.—**Word, B.** Congenital absence of uterus and vagina and associated with ectopic horseshow kidney. *Mississippi Doctor*, 1938-39, 16: No. 4, 13-6.

Cancer.

REIPRICH, A. *Dauerresultate bei Vulva- und Urethrakarcinom der Universitäts-Frauenklinik Königsberg i. Pr. in den Jahren 1910-30 [Königsberg i. Pr.] 37p. 8°. Borna-Lpz., 1934.

Bowing, H. H. Primary carcinoma of the female external genito-urinary organs treated with radium and roentgen rays. *Radiology*, 1931, 17: 215-27.—**Delparte, F., & Cahen, J.** Contribution à l'étude du traitement radiochirurgical des épithéliomas de la vulve et de l'urètre. *J. chir., Par.*, 1933, 41: 861-91.—**Hoed, D. den** [Treatment of cancer of vagina, urethra and vulva]. *Ned. tschr. geneesk.*, 1931, 75: pt 3, 4291-4. — Results obtained in the treatment of malignant tumours of the vagina, vulva and urethra. *Acta radiol.*, Stockh., 1936, 17: 569-78.—**Kirchhoff, H., & Eirund, A.** Ueber Vulva- und Urethrakarzinome. *Strahlentherapie*, 1932, 44: 335-48.—**Taussig, F. J.** Primary cancer of the vulva vagina and female urethra: 5-year results. *Surg. Gyn. Obst.*, 1935, 60: 477.

Disease.

ABB, J. *Bericht über die gynäkologisch-urologischen Erkrankungen in den Jahren 1931 und 1932 an der Würzburger Universitäts-Frauenklinik [Würzburg] 29p. 8°. Münch., 1935.

HENKEL. Krankheiten der äusseren Geschlechtsteile und der Vagina, der weiblichen Blase, des Harnleiters und der Harnröhre; Gonorrhoe, Syphilis und Tuberkulose der weiblichen Geschlechtsorgane. 95p. 8°. Lpz., 1921.

In *Diagn. & ther. Irrtüm.*, Frauenheilk. (Abt. Gynäk.) Lpz., 1921, H. 1.

Atabekov, D. N. [Female urinary and genital tracts and their correlation in pathological processes]. *J. akush.*, 1929, 40: 336-43.—**Dalsace, R.** Les troubles uréthro-vésicaux chez la femme dans les maladies de l'appareil génital. *J. méd. chir., Par.*, 1936, 107: 429-35.—**Fain, L.** [Diseases of urogenital organs, due to paratyphoid bacilli]. *Russ. klin.*, 1928, 9: No. 45, 77-104.—**Hannes, W.** Behandlung der wichtigsten Störungen der Harnwege und des Mastdarms bei Erkrankungen der weiblichen Genitale. *Fortsch. Ther.*, 1934, 10: 385-94.—**Jumpertz Loeb, L.** [From the gynecological practice]. *Geneesk. gids*, 1938, 16: 777-81.—**Küstner, H.** Urologische Erkrankungen unter dem Bilde gynäkologischer Leiden. *Zbl. Gyn.*, 1930, 54: 2521-6.—**Nelson, H. M.** Genito-urinary trauma in gynecological surgery. *Urol. Cut. Rev.*, 1938, 42: 801-3.—**Saujeon.** Troubles uro-génitaux guéris par l'émétine; origine ambiennne vraisemblable. *Bull. Soc. path. exot.*, Par., 1928, 21: 883.—**Shimshelovich, B. I.** [Principles in application of therapeutic physical culture in treatment of urogenital affections]. *Akush. gin.*, 1939, No. 10, 28-30.—**Stein, A., & Rodgers, M.** The influence of gynecological conditions on the genito-urinary tract as shown by simultaneous injections of skiodan or uroselectan (intravenously) and lipidol; a preliminary report. *Surg. Gyn. Obst.*, 1932, 55: 490-3.—**Warner, H.** Parametritis und Nierenleiden. *Deut. Zschr. Chir.*, 1927, 206: 350-62. — Laktinpräparate bei Erkrankungen des weiblichen Urogenitaltrakts. *Deut. med. Wschr.*, 1928, 54: 1205.—**Wharton, L. R.** A suggested anatomic explanation of the radiation of pain and gastro-intestinal reflexes in genito-urinary disease in women. *Tr. Am. Gastroenter. Ass.*, 1933, 36, meet., 257-63.

Examination.

Eldering, B. Ueber die Röntgendarstellung des weiblichen Urogenitaltrakts. *Röntgenpraxis*, 1930, 2: 74-84.—**Kahn, I. W., & Walker, R. B.** The importance of the urologic investigations in gynecologic patients. *Am. J. Obst.*, 1930, 20: 683-7.—**Kleine, H. O.** Röntgenbilder als diagnostische Hilfsmittel bei gynäkologischen und gynäkologisch-urologischen Erkrankungen. *Arch. Gyn.*, Berl., 1932, 149: 347-67.—**Palmer.** Etude de la pression au cours de 40 utéropyléographies rétrogrades chez la femme. *Bull. Soc. obst. gyn. Paris*, 1937, 26: 43-5.—**Steinhardt, E. C., & Brown, S.** Uterocystography. *Am. J. Obst.*, 1929, 18: 259.

Fistula.

Abadie, J. Fistules vésico-génitales opérées par voies abdominale, vésicale, vaginale; indications respectives. *Bull. Soc. nat. chir., Par.*, 1927, 53: 581-3.—**Bertner, E. W.** Vesicovaginal, urethrovaginal and vesico-uterine fistulas. *Texas J. M.*, 1936-37, 32: 597-603.—**Buiko, P. M.** [Operative treatment of fistulas and defects of the urogenital tract in women by means of the placental tissue]. *Radianska med.*, 1939, 4: No. 10, 74.—**Constantinesco, M., & Petrosanu, I.** Fistule vésico-utéro-vaginale opérée par voie vésicale. *Rev. chir., Bucur.*, 1937, 40: 270.—**Dodd, H.** Bilateral transplantation of ureters and colostomy for vesico-vaginal and vesicorectal fistulae. *Proc. R. Soc. M., Lond.*, 1932, 25: 1679-82.—**Fornero, A.** Trattamento di alcuni casi di fistole vescicali con qualche variante ai dettami dello Sfameni Speciale riguardo ad un'estesa fistola uretro-vesico-vaginale con inversione vescicale, datante da 18 anni e guarita con l'intervento. *Arch. ostet. gin.*, 1930, 2. ser., 17: 185-97.—**Freund, R.** Die neue Blasen- sowie Mastdarm-Scheidenfistelplastik à la Bassini. *Zbl. Gyn.*, 1928, 52: 1546-50.—**Litwak, M. J.** Zur Therapie der Fistula vesico-cervicalis bei Fehlen des Corpus uteri. *Ibid.*, 1933, 57: 1753-5.—**Lower, W. E.** Vesicovaginal and rectovesical fistulae, with report of a case of congenital rectovesical fistula. *Tr. Am. Ass. Genitourin. Surg.*, 1930, 23: 177-82.—**Luchese, G.** Fistole tubo-vesicali ed uretero-tubulariche tubercolari sperimentali (considerate soprattutto dal punto di vista urologico). *Arch. ital. urol.*, 1933-34, 10: 477-93.—**Mazhbis, A. M.** [Operative method of treatment of urogenital fistulas in women]. *Sovet. med.*, 1938, No. 21, 20-2.—**Michadovski, E.** Kombinierte Harnblasenscheiden- und Harnleiterscheidenfistel. *Zschr. Urol.*, 1938, 32: 680-2.—**Neves, J. O.** Fistulas uro-génitales, a propósito de 49 casos tratados durante os annos de 1935, 1936 e 1937. *Rev. gyn. obst.*, Rio, 1938, 32: 333-43. — Fistulas uro-génitales; a propósito da operação de Coffey-Mayo. *Ibid.*, 1940, 34: pt 1, 166-71.—**Rubkevich, S. I.** [Results of operative treatment of uro-genital fistulas in women]. *Akush. gin.*, 1938, No. 1, 103.—**Saenger.** Ueber die Operation und Nachbehandlung von Blasencheiden- und Blasenervixfisteln. *Arch. Gyn.*, Berl., 1929, 137: 921-4 [Discussion] 929-36.—**Schmitz, E. F.** Bladder fistulae in gynecology and obstetrics. *Surg. Clin. N. America*, 1925, 5: 1345-64.—**Strempe, A.** Cervix-Blasenfistel, operiert nach O. Küstner, mit nachfolgenden 4 spontanen Geburten. *Zbl. Gyn.*, 1936, 60: 211.

Foreign body.

Cherlok, R. Les corps étrangers dans les organes uro-génitaux de la femme. *Gyn. obst.*, Par., 1929, 19: 465-76.—**Luccioni, C.** Singolari vicende di vari corpi estranei introdotti in vescica e in vagina. *Arch. ital. urol.*, 1939, 16: 268-75.—**Pizzoglio, E.** Alcune considerazioni sopra un caso di presenza di corpi estranei (forcine da capelli) in vescica e in vagina. *Boll. spec. med. chir.*, 1928, 2: 18-23, pl.

— Infection [and inflammation]

KIDD, F. S., & SIMPSON, A. M. Common infections of the female urethra and cervix. 191p. 8° Lond. [1924] ALSO 2. ed. 197p. 1929.

Janů, M. [Effect of inflammation of internal genital organs on the upper urinary tract in women] Sborn. lékař., 1932, 33: 193-269, 29 pl.—Pellegrini, F. La flora batterica nelle infezioni genito-urinarie della donna e di un nuovo ed efficace mezzo di cura. Riv. ostet. gin., 1929, 11: 14-41. Tagliaferro, P. Sulle compromissioni anatomiche e funzionali degli ureteri nei processi infiammatori del genitale muliebre. Ann. ostet. gin., 1934, 56: 399-418.—Tropea-Mandalari, U. Ricerche cliniche sul trattamento immunitario locale nei processi infiammatori dell'apparato uro-genitale femminile. Ibid., 1927, 49: 959-74.

— Tumor.

Brady, L. An adenomyoma of the vesico-vaginal septum and a supernumerary ovary. Johns Hopkins Hosp. Bull., 1925, 36: 266-79.—Brakemann. Harntrakt und Genitaltumoren. Arch. Gyn., Berl., 1930-31, 144: 581 [Discussion] 584-6.—Hoed, D. den [Vaginal- and urethral tumors] Ned. tschr. geneesk., 1937, 81: 438-41.

GENITO-URINARY system [male]

See also Genitals [male]

OEHMKE, P. *Zur Kenntnis einiger anatomischer und physiologischer Besonderheiten am äusseren Urogenitalapparat der männlichen Schweine, mit besonderer Berücksichtigung des Präputialbeutels derselben [Basel] 48p. 8° Berl., 1897.

Des Abbayes, H. Quelques détails anatomiques sur l'appareil uro-génital mâle des tritons. C. rend. Soc. biol., 1932, 111: 684-6.—Fordham, M. G. C. The anatomy of the urogenital organs of the male Myrmecobius fasciatus. J. Morph., 1928-29, 46: 563-75, 4 pl.—Hasumi, S. Anatomische Untersuchungen über das Lymphgefässsystem des männlichen Urogenitalsystems. Jap. J. M. Sc., 1929-30, 2: Tr. Anat., 159-86.—Kleinschmidt, A. Ein Beitrag zur stufenweisen zeitlichen Entwicklung des Urogenitalapparates des männlichen Teichmolyches (Triton vulgaris L.) bis zur ersten Geschlechtsreife. Zschr. mikr. anat. Forsch., 1934, 36: 334-77.—Mitchell, G. A. G. The innervation of the kidney, ureter, testicle and epididymis. J. Anat., Lond., 1935-36, 70: 10-32, 8 pl.—Petit, G. Recherches anatomiques sur l'appareil génito-urinaire mâle des siréniens. Arch. morph. gén., Par., 1925, 1-326.—Schulte, T. L. The genito-urinary system of the Elephas indicus male. Am. J. Anat., 1937, 61: 131-54, 2 pl.—Stöhr, P., jr. Ueber die Innervation der Harnblase und der Samenblase beim Menschen; zugleich ein Beitrag über die Beziehung zwischen Nerv und glatter Muskulatur. Zschr. ges. Anat., 1. Abt., 1926, 78: 555-84.—Tarozzi, G., & Gardini, G. F. Osservazioni anatomiche sull'apparato gangliare ipogastrico del piccolo bacino nel bambino e nella vita embrionale specialmente considerato nei suoi rapporti colle vie genito-urinarie. Arch. ital. urol., 1934-35, 11: 555-630.

— Cancer.

Anderson, R. L. Precancerous lesions of the bladder and prostate gland; position of the bladder and prostate in the cancer problem. Pennsylvania M. J., 1928-29, 32: 397-9.—Barringer, B. S. Extension of life in genito-urinary carcinoma, bladder, prostate, penis, testicle. Month. Bull. Kansas City Clin. Soc., 1925-26, 2: No. 11, 1-3. Also J. Urol., Balt., 1927, 17: 199-204. — The past and present in genitourinary carcinoma; bladder, prostate, testicle, penis. Am. J. Surg., 1934, n. ser., 23: 438-41. Also repr.—Davis, D. M. Radium treatment of carcinoma of the prostate and bladder. Southwest J. M. & S., 1933, 17: 91-4.—Dean, A. L., jr. Inoperable cancers of the bladder, prostate, and testis treated with irradiation. Surg. Clin. N. America, 1933, 13: 478-82.—Harrison, F. G. End results of carcinoma of bladder and prostate gland. Pennsylvania M. J., 1928-29, 32: 407-12.—Henry, S. A., Kennaway, N. M., & Kennaway, E. L. The incidence of cancer of the bladder and prostate in certain occupations. J. Hyg., Camb., 1931 31: 125-37.—Kaplan, I. I. Radioterapia de los tumores malignos de la vejiga y de la próstata. Rev. As. méd. mex., 1931-32, 8: 9. Also Urol. Cut. Rev., 1932, 36: 40-2.—Kaufman, L. R. Tumors of the bladder and prostate with special reference to cancer. Surg. Clin. N. America, 1929 10: 701-31.—Levin, I. Radium therapy in cancer of the prostate and the bladder. Mississippi Valley M. J., 1939, 61: 45-9.—Lownes, J. B. The symptomatology and differential diagnosis of malignant growths of the urinary bladder and prostate gland. Pennsylvania M. J., 1928-29, 32: 400-2.—Mendonça, J. de. Como fazer o diagnóstico precoce dos cânceres do aparelho genito-urinário masculino? Arch. brasil. med., 1929, 19: 69-73.—Walters, W. Malignant lesions of the kidneys, bladder, prostate gland and testes. Minnesota M., 1930, 13: 808-14.—Ward, R. O. Diagnosis of malignant disease of the urinary system and male genital organs. In Early diagn. malign. dis. (Donaldson M., Cade, S.) Lond., 1936, 119-37.—Young, H. H. Malignant tumors of the bladder and prostate. Am. J. Surg., 1929 n. ser., 6: 667-78.

— Disease.

AINSWORTH-DAVIS, J. C. Urinary system and male genital organs. p.2663-3096. 8° N. Y., 1936.

In Postgrad. Surg. (Maingot, R.) N. Y., 1936 2:

LE FUR, R. Maladies des organes génito-urinaires de l'homme. 8. éd. 339p. 8° Par., 1923.

Bianchini, A. La röntgentherapie e la radiumterapia nelle affezioni dell'apparato uro-genitale maschile. Arch. radiol., Nap., 1938, 14: 30-68.—Cumming, R. Adnexal disease in the male as related to pathology of kidney and ureter. Urol. Cut. Rev., 1936, 40: 379-85.—Genito-urinary injuries in war. Brit. M. J., 1939, 2: 1162.—Heckenbach, W. Die Auswirkung der chronisch-entzündlichen Erkrankungen der männlichen Adnexe auf die oberen Harnwege. Zschr. urol. Chir., 1929 26: 447-87.—Leue. Doppelseitiger Binneneiter mit Verlagerung von Nieren und Hoden. Berl. tierärztl. Wschr., 1933, 49: 102.—Lipschütz, A. Ueber eine Missbildung am Urogenitalsystem des männlichen Meerschweinchens. Virchows Arch. 1930, 276: 674.—Mark, E. G. What the general practitioner should know about the prostate and bladder. Month. Bull. Kansas City Clin. Soc., 1935, 11: No. 6, 8; 13.—Mühsam, E. Chirurgie der Nieren, Harnleiter, Blase und Vorsteherdrüse. Zbl. Chir., 1933 60: 509-19.—Sinkov, S. J. Obstructive lesions of the genito-urinary tract: mechanical obstruction, an important factor in urological diagnosis and therapy. Bull. Fulton Co. M. Soc., 1936, 10: No. 23, 6.—Williams, B. G. R. Chronic infections of the kidneys, prostate gland, and bladder; reasons for failure in nonsurgical treatment. Med. World, 1940, 58: 243.

— Examination.

MARSHALL, C. J., & SHANKS, S. C. Urinary and male genital tract [X-ray diagnosis] p. 483-578. 8° Lond. 1938.

In Textb. X-ray Diagn. (Shanks, S. C., et al.) Lond., 1938, 1:

Chevassu, M. L'intérêt primordial de l'uréthro-prostographie. P. verb. Congr. fr. chir., 1936, 45: 495-500.—Ovnatanian, K. T., & Shtuss, K. T. [Urethrocytoprotopography] Vest. rentg., 1936, 16: 87-99.—Schnelle, G. B. Veterinary radiography, the bladder and prostate gland. North Am. Vet., 1940 21: 222-7.—Seki, M., & Mukohata, J. Bestimmung des Isoelektrischen Punktes der Gewebelemente auf färberischen Wege; an Epithellen der männlichen Urogenitalorgane. Okajimas fol. anat., 1940, 19: 117-20.

— Infection [and inflammation]

Fish, G. W. Metastatic abscesses of the genito-urinary tract; report of a case requiring a complete nephrectomy, 2 nephrotomies and drainage of prostatic and peri-urethral abscesses, with recovery. J. Urol., Balt., 1930, 24: 665-7.—Horder. Focal sepsis in the male uro-genital tract. Postgrad. M. J., Lond., 1940, 16: 61.—Murray, E. G. D. Meningococcus infections of the male urogenital tract and the liability to confusion with gonococcus infection. Urol. Cut. Rev., 1939 43: 739-41.—Salleras, J. Tratamiento de las infecciones agudas de la uretra, próstata y órganos genitales. Sem. méd., B. Air., 1932, 39: pt 2, 1172-7.—Wolbarsht, A. L. A comparative study of clinical dysfunction and urethroscopic pathology involving the lower urogenital tract in the male. Internat. J. Surg., 1929, 42: 15-22. Also repr.—Young, J. C. Foci of infection in upper genito-urinary diseases. Urol. Cut. Rev., 1936, 40: 800-2.

— Tumor.

See also subheading Cancer.

Heusch, K. Die Geschwülste der Harngeschlechtsanlage beim Manne. In Neuere Erg. Krebskrankh. (C. Adam & Auler) Lpz., 1937, 291-6.—Oppenheimer, R. Kommen Geschwülste der hinteren Harnröhre und Prostata besonders häufig bei Arbeitern chemischer Betriebe vor? Deut. med. Wschr., 1926, 52: 1342.—Scholl, A. J. Histology and mortality in tumors of the prostate, bladder, and kidney. California West. M., 1927, 26: 185-9. — & Verbrugge, J. Rapports entre les caractères histologiques et la mortalité post-opératoire des tumeurs de la prostate, de la vessie et du rein. J. urol. méd., Par., 1926, 22: 379-89.

GENIUS.

See also Child, gifted and superior; Education; Scientist; Talent; also names of genial men as Beethoven; Hugo; Maupassant; Van Gogh; Voltaire, &c.

HIRSCH, N. D. M. Genius and creative intelligence. 339p. 8° Cambr., Mass., 1931.

JACOBSON, A. C. Genius; some revelations. 160p. 8° N. Y. [1926]

KRETSCHMER, E. Geniale Menschen. 253p. 8° Berl., 1929.

— The same. The psychology of men of genius. Transl. by R. B. Cattell. 256p. 8° Lond., 1931.

LUDWIG, E. Genie und Charakter; zwanzig männliche Bildnisse. 286p. 8° Berl., 1926.

M., A. H. H. Where we get our best men; some statistics showing their nationalities, counties, towns, schools, universities, and other antecedents: 1837-1897. 49p. 8° Lond., 1900. In *Papers Anthropol.* (F. L. Hoffman)

Austin, M. Genius, talent, and intelligence. *Forum*, N. Y., 1928, 80: 178-86.—Bond, E. D. To a graduating class of geniuses. *Ment. Hyg.*, Alb., 1929, 13: 520-8.—Boschi, G. Ancora sulla natura e la portata sociale del genio. *Rinasc. med.*, 1938, 15: 449.—De Boda, S. L'uomo di genio come problema psicologico. *Riv. psicol.*, 1936, 32: 234-50.—Ernest, G. Das Schöpferische und das Unbewusste. *Med. Welt*, 1935, 9: 916-9.—Haick, E. F. Juan Huarte: iniciador del estudio de la individualidad; la obra de Huarte: Examen de ingenios. *Rev. crim.*, B. Air., 1933, 20: 389-405.—Harrison, W. F. Medical genius and contemporary criticism. *Ann. Int. M.*, 1929-30, 3: 928-42.—Heuyer, G. La psychologie des hommes de génie. *Rev. crit. path.*, Par., 1930, 1: 299-304.—Hoesch-Ernst, L. Das jugendliche Genie: anthropologisch-psychologische Studie. *Rapp. Congr. internat. psychol.* (1909) 1910, 6. Congr., 674-84.—Jacobson, A. C. Possible clues to the nature of genius. *N. York M. J.*, 1917, 105: 152. Also repr.—Katz, R. The inventive genius of the child. *J. Genet. Psychol.*, 1932, 41: 369-79.—Kretschmer, E. The breeding of the mental endowments of genius. *Psychiat. Q.*, 1930, 4: 74-80.—Lucka, E. Genius. *Zschr. Menschenk.*, 1933, 9: 127-37.—Magri, F. Biopsicologia del genio politico. *Gior. clin. med.*, 1937, 18: 1277-86.—Mandolini, H. Genio y fatiga. *Rev. crim.*, B. Air., 1931, 18: 17-21. ——— *Psicologia del genio incompleto*. Ibid., 1932, 19: 601-8. ——— *Temperamento, constitución y genio artístico*. Ibid., 1934, 21: 34-40.—Miles, C. C., & Wolfe, L. S. Childhood physical and mental health records of historical geniuses. *Psychol. Monogr.*, 1936, 47: No. 2, 390-400.—Mjœen, J. A. Genius as a biological problem. *Eugen. Rev.*, Lond., 1925-26, 17: 242-57.—Mudge, E. L. An adolescent genius. *Pedag. Semin.*, Worcester, 1921, 28: 78-82.—Pfeifer, R. A. Genie und Talent in biologischer Hinsicht. *Schweiz. Arch. Neur. Psychiat.*, 1933, 32: 92-4.—Popenoe, P. The childhood of genius (a review). *J. Hered.*, 1927, 18: 145-51.—Robinson, L. G. La genèse du génie. *C. rend. Congr. allém. neur. France* (1907) 1908, 17. Congr., 288.—Rockwell, J. G. Genius and the I. *Q. Psychol. Rev.*, 1927, 34: 377-84.—Schaffer, K. Einiges über das Gehirn der Hochtalente. *Schweiz. Arch. Neur. Psychiat.*, 1939, 44: 347-52.—Starobinski, A. Un nouvelle conception du génie et du talent. *Ann. méd. psychol.*, Par., 1927, 85: pt 2, 229-33.—Terman, L. M. Genius and stupidity; a study of some of the intellectual processes of 7 bright and 7 stupid boys. *Pedag. Semin.*, Worcester, 1906, 13: 307-73. ——— *Psychological approaches to the biography of genius*. *Science*, 1940, 92: 293-301.—Weinstein, A. Genius; a review of the promise of youth—a progress report of 1,000 gifted children. *J. Hered.*, 1933, 24: 417-24.—Weyr, H. Grosse Männer. *Internat. Zschr. Individpsychol.*, 1932, 10: 216-32.—White, R. K. The versatility of genius. *J. Social Psychol.*, 1931, 2: 460-89.—Young, K. Genius, what is it? can it be anticipated? *Pedag. Semin.*, Worcester, 1923, 30: 172-6.

— Heredity.

GENETIC STUDIES OF GENIUS. 2v. 648p.; 842p. 8° Stanford Univ., Calif., 1925-26.

Becker, W. H. Das Alter des Vaters bei der Geburt des Genies. *Deut. Aerzte Ztg*, 1933, 8: No. 382. ——— Die Abstammung des Genies, verglichen mit Normalzahlen. Ibid., No. 399. ——— Ueber die Lebensalter der Eltern bei der Geburt eines Genialen und den Wert der Erstgeburt. *Zschr. ges. Neur. Psychiat.*, 1933, 148: 808-13.—Behr-Pinnow, C. von. Vererbung bei Jacob Burckhardt. *Arch. Julius Klaus Stift.* 1934, 9: 1-47. ——— Die Vererbung bei den Dichtern A. Bitzius, C. F. Meyer und G. Keller. Ibid., 1935, 1: 237-312.—Bretschneider, F. Gemeinsame Ahnen grosser Männer. *Volk & Rasse*, 1935, 10: 348-51.—Gun, W. T. J. The kin of genius; a study of the families of great men. *Eugen. Rev.*, Lond., 1928-29, 20: 245-52. ——— The kin of genius; the size of their own and their parents' families. Ibid., 1930-31, 22: 253-62.—Kloos, G. Die Vererbung hoher Begabungen. *Fortsch. Erbpäth.*, 1938, 2: 263-80.—Leven. Die Mütter in der Erbologie grosser Männer. *Deut. med. Wschr.*, 1928, 54: 199.—Willoughby, R. R. Genetic conditions for the rise of genius. *Pedag. Semin.*, Worcester, 1927, 34: 583-90.

— Pathology.

See also **Psychosis**.

AZIZI, P. *La puissance créatrice de la maladie. 88p. 8° Par., 1935.

BAISCH, H. Wahrsinn oder Wahnsinn des Genius? Sinn und Grenzen der pathographischen und psychographischen Methodik in der Anthro-

pologie des Genius. 91p. 23½cm. Lpz., 1939. BELLIÈRE, R. *Paralysie générale et génie. 63p. 8° Par., 1932.

LANGE-EICHBAUM, W. Genie; Irrsinn und Ruhm. 498p. 8° Münch., 1928.

MARKS, J. A. Genius and disaster; studies in drugs and genius. 185p. 8° N. Y., 1925.

Bernardi, R. Il limite tra pazzia e genio. *Cervello*, 1937, 16: 1-30.—Braun, A. Die Krankheit der Genies. *Zschr. ärztl. Fortbild.*, 1936, 33: 413.—Desfosses, P. Quelques réflexions sur les maladies et le génie littéraire. *Presse méd.*, 1934, 42: 1204.—East, E. M. Insanity and genius. *J. Hered.*, 1938, 29: 275-9.—Ernest, G. Friedrich Chopin; Genie und Krankheit. *Med. Welt*, 1930, 4: 723-5.—Friedländer, A. A. Biologie und Psychopathologie des Genies. *Umschau*, 1925, 29: 905.—Hart, H. H. The unhappiness of genius. *J. Nerv. Ment. Dis.*, 1934, 80: 410; 557.—Herrligkoffer, C. B. Hyliker, Psychopathen, Pneumatiker. *Hippokrates*, Stuttg., 1935, 6: 881-92.—Hildebrandt, K. Psychiatrische Kritik der schöpferischen Leistungen und der Begriff des Normal-Pathologischen. *Zschr. ges. Neur. Psychiat.*, 1931, 132: 792-805.—Hinrichsen, O. Wert, Erleben und Genie, Irrsinn. Ibid., 1928, 115: 735-67. ——— Menschliches Schöpfertum und Geisteskrankheit. *Umschau*, 1935, 39: 871-3. ——— Genie, Irrsinn und Ruhm und Genie und Irrsinn im ungarischen Geistesleben. *Schweiz. med. Wschr.*, 1936, 66: 551-3. ——— Hochbegabung, Erfolg und psychische Krankheit. *Psychiat. neur. Wschr.*, 1939, 41: 225; 239.—Karnosh, L. J. The insanities of famous men. *J. Indiana M. Ass.*, 1936, 29: 1-8.—Kloos, G. Zur psychiatrischen Kritik schöpferischer Leistungen. *Zschr. ges. Neur. Psychiat.*, 1931, 132: 362-72.—Lange, W. Das Problem Genie und Irrsinn. *Zbl. ges. Neur. Psychiat.*, 1928, 49: 1; 105; 193.—Lange-Eichbaum, W. Genie und Pathographie. *Zschr. ges. Neur. Psychiat.*, 1930, 127: 684-96.—Magri, F. Patologia e genialità. *Rass. stud. psichiat.*, 1936, 25: 955-64.—Mandolini, H. La disgregación del genio. *Rev. crim.*, B. Air., 1929, 16: 645-50.—Meinertz, J. Genie, Irrsinn und Ruhm. *Zbl. Psychother.*, 1938, 10: 45-9.—Middleton, W. C. The propensity of genius to solitude. *J. Abnorm. Psychol.*, 1935-36, 30: 325-32.—Regnault, F. Des infirmités des organes des sens dans la production des œuvres de génie. *Bull. Soc. anthrop. Paris*, 1928, 7. ser., 9: 79-89.—Schaffer, K. Zum Problem Psychopathie und Genie. *Arch. Psychiat.*, Berl., 1931, 93: 337-42.—Schulhof, F. Genie und Irrsinn. *Zschr. ges. Neur. Psychiat.*, 1929, 120: 754-73.—Smith, S. S., & Isotoff, A. The abnormal from within: Dostoevsky. *Psychoanal. Rev.*, 1935, 22: 361-91.—Szirmzy, H. Genie, Irrsinn und Ruhm in ungarischer Ergänzung. *Zschr. ges. Neur. Psychiat.*, 1930, 126: 425-32.—Witty, P. A., & Lehman, H. C. Nervous instability and genius; poetry and fiction. *J. Abnorm. Psychol.*, 1929-30, 24: 77-90. ——— Nervous instability and genius; some conflicting opinions. Ibid., 486-97.

GENIUS epidemicus.

See under **Epidemic**.

GENNER, Viggio. By-effects in salvarsan therapy and their prevention; with special reference to the liver function. 360p. roy. 8° Kbh., Levin & Munksgaard, 1936.

GENNERICH, Hildegard [Gisela] 1912- *Die Blutgruppenspezifität der Thrombozyten [Berlin] 20p. 23cm. Charlottenb., K. & R. Hoffmann, 1938.

GENNERICH, Kurt, 1910- *Ueber die pathologische Bedeutung und über die Beziehung der Diploevenen zum Kopftrauma und zu dessen Folgen [Kiel] 20p. 22½cm. Hamb., A. Preilipper, 1937.

GENNES, Lucien de, 1892- See Lesné, Edmond, & Gennes, Lucien de. Le rachitisme et la tétanie. 175p. 12° Par., 1932.

GENOBLAST.

See **Ovum**.

GENOTROPISM [sex attraction]

See also **Coitus**, **Pairing seasons**; **Eroticism**; **Fetishism**; **Libido**; **Marriage**.

TALMEY, B. S. Love; a treatise on the science of sex-attraction. 10. ed. 500p. 8° N. Y., 1937.

Baber, R. E. Some mate selection standards of college students and their parents. *J. Social Hyg.*, 1936, 22: 115-25.—Blüher, H. Ueber Gattenwahl und Ehe. *Imago*, Wien, 1913, 2: 477-98.—Bukofzer, E. Suggestion und Sexualität. *Arch. Frauenk.*, 1924, 10: 52-9.—Cinat-Tomson, H. Die geschlechtliche Zuchtwahl beim Wellensittich (*Melopsittacus undulatus* Shaw) *Biol. Zbl.*, 1926, 46: 543-52.—Ehrenfels, C. von.

Zuchtwahl und Monogamie. *Polit. anthrop. Rev.*, 1902, 1: 611; 689.—**Grotans, A.** Das Manometerprinzip der geschlechtlichen Zuchtwahl. *Umschau*, 1939, 43: 1029-31.—**Hagen, W.** Das Problem der Gattenwahl. *Zschr. Sexwiss.*, 1926-27, 13: 297; 331.—**Hedenkamp, R.** Wanderung und Auslese in Bauern- und Gutsdörfern Mecklenburgs. *Arch. Rassenb.*, 1936, 30: 477-96.—**Hirschfeld, M.** Metatropismus. *Zschr. Sexwiss.*, 1917-18, 4: 280; 295; 343.—**Hofstätter, R.** Ähnlichkeit, Gattenwahl und Ehe. *Ibid.*, 1929, 16: 242-58.—**Huxley, J. S.** The courtship-habits of the great crested grebe (*Podiceps cristatus*) with an addition to the theory of sexual selection. *Proc. Zool. Soc. London*, 1914, 35: 491-562, 2 pl.—The present standing of the theory of sexual selection. In *Evolution* (DeBeer, G. R.) *Oxf.*, 1938, 11-42.—**Keller, D. H.** Little husbands and big wives. *Sexology*, 1934-35, 2: 456-8.—**Kirkpatrick, C. A.** A statistical investigation of the psycho-analytic theory of mate selection. *J. Abnorm. Psychol.*, 1937, 32: 427-30.—**Laloy, L.** La sélection sexuelle. *Biologica, Par.*, 1911, 1: 10-4. Also *Rev. méd. Normandie*, 1911, 11-7.—**Landau, G.** Indagini biometriche sull'attrazione matrimoniale in alcuni caratteri della testa di coniugi cagliaritari. *Boll. Soc. ital. biol. sper.*, 1938, 13: 941-3.—**Marvin, D. M.** Occupational propinquity as a factor in marriage selection. *Pub. Am. Statist. Ass.*, 1918, n. ser., 16: 131-51, ch.—**Müller-Freienfels, R.** Zur Psychologie der erotischen Selektion. *Zschr. Sexwiss.*, 1928, 15: 81-103.—**Nicolaeff, L.** Les corrélations entre les caractères morphologiques des époux. *Anthropologie, Par.*, 1931-32, 41: 75-93.—**Noble, G. K.** Sexual selection among fishes. *Biol. Rev. Cambridge Philos. Soc.*, 1938, 13: 133-58.—**Rensch, B.** Schwingenfarbung schillernder Vögel und geschlechtliche Zuchtwahl. *Zool. Anz.*, 1927, 70: 93-9.—**Santanelli, E.** Die Gattenwahl. *Rass. stud. sess.*, 1924, 4: 261-8.—**Schiller, B. A.** A quantitative analysis of marriage selection in a small group. *J. Social Psychol.*, 1932, 3: 297-319.—**Snow, E. C.** Selection and assortative mating. *Brit. M. J.*, 1912, 1: 836.—**Southwick, W. E.** Selective mating as a factor in socioeconomic inferiority; a study of 3,296 persons related by blood or marriage to one institutionally individual. *Ment. Hyg.*, Alb., 1939, 23: 620-40.—**Stolyhwo, E.** Das Problem der geschlechtlichen Auslese und der Ähnlichkeitskoeffizient bei den Gatten. *Mitt. Anthrop. Ges. Wien*, 1927, 57: 63.—**Sturtevant, A. H.** Experiments on sex recognition and the problem of sexual selection in *Drosophila*. *J. Animal Behav.*, 1915, 5: 351-66.—**Szondi, L.** Contributions to fate analysis: an attempt at a theory of choice in love. *Acta psychol.*, Hague, 1937, 3: 1-80, 7 ch.—**Thomson, J. A.** On sexual selection. *Scientia, Bologna*, 1918, 2, ser., 24: 22-32.—**Tomici, L.** L'affinità costituzionale come fattore di attrazione somatica; correlazione tra gli indici costituzionali dei coniugi sassaresi. *Boll. Soc. ital. biol. sper.*, 1936, 11: 408.—Correlazione antropometrica nei coniugi sassaresi. *Ibid.*, 410.—**Weber.** Ueber die Bedeutung der Suggestion und andere psychische Momente im Sexualleben [Ref.] *Arch. Frauenk.*, 1914, 1: 257.—**Wile, I. S.** Love at first sight as manifest in *The Tempest*. *Am. J. Orthopsychiat.*, 1938, 8: 341-56.—**Wohl, H. A.** Some problems dealing with mating in *Drosophila melanogaster*. *J. Comp. Psychol.*, 1934, 17: 67-71.—**Wülker, H.** Die Wirkung der städtischen Arbeitsstellung auf Auslese, Gattenwahl und Familie. *Volk & Rasse*, 1936, 11: 199-211.

GENOTYPE.

See also **Constitution, Genotype; Gen; Heredity; Phenotype.**

NÉRON, M. L. La première empreinte. 178p. 12° *Par.* [1928]

TÜNGLER, H. *Sind unter den lebenden Nachfahren zweier Voreltern noch körperliche Gemeinsamkeiten festzustellen, die auf ein Vorwiegen der Erbmasse eines Stammelements schließen lassen? [Jena] 16p. 8° Lützen, 1934.

Balthasar, K. Vererbung und Schicksal. *Deut. med. Wschr.*, 1935, 61: 2051-5.—**Blaringhem, L.** L'espèce élémentaire et l'individualité. *Presse méd.*, 1937, 45: 1685-7.—**Breider, H.** Die Wirkung einer Erbanlage im arteilgenen und artfremden Erbgut. *Deut. med. Wschr.*, 1939, 65: 254-6.

Die Erbanlagen nach Rassen- und Artkreuzung *Umschau*, 1939, 43: 123-6.—**Christie, W., & Gran, H. H.** Die Einwirkung verschiedener Klimaverhältnisse auf reine Linien von Hafer und Gerste. *Hereditas*, Lund, 1926, 8: 207-28.—**Conrad, K.** Zum Begriff der Erbanlage und ihrer quantitativen Stufung. *Allg. Zschr. Psychiat.*, 1939, 112: 126-37.—**Cook, O. F.** Mendelism and other methods of descent. *Proc. Washington Acad. Sc.*, 1907, 9: 189-240.—**Correns, C.** Merkmal und Erbanlage (*Ipomoea imperialis* reduplicata) *Naturwissenschaften*, 1926, 14: 431.—**Frateur, J. L.** Le caractère héréditaire. *Bull. Acad. méd. Belgique*, 1938, 6. sér., 3: 116-31.—**Goldschmidt, R.** Gen und Ausseneigenschaft (Untersuchungen an *Drosophila*) *Zschr. indukt. Abstamm.*, 1935, 69: 38; 70.—**Gottschewski, G.** Untersuchungen an *Drosophila melanogaster* über die Umstimmbarkeit des Phänotypus und Genotypus durch Temperatureinflüsse. *Ibid.*, 1934, 67: 477-528.—**Gr.** Erbbild vom Menschen. *Med. Klin.*, Berl., 1939, 35: 1240.—**Harms, J. W.** Die Realisation von Genen und die konsekutive Adaption. *Deut. med. Wschr.*, 1927, 53: 1709. Also *Klin. Wschr.*, 1927, 6: 2068. — Die Realisation von

Genen und die consecutive Adaption; *Birgus latro* L. als Landkrebs und seine Beziehungen zu den Coenobiten. *Zschr. wiss. Zool.*, 1931-32, 140: 167-290, 3 pl.—**Hertwig, G.** Kern- und Zellgrößenunterschiede der Eltern als Ursache des verschiedenen Ausfalls reziproker Krötenkreuzungen. *Zschr. ges. Anat.*, 1. Abt., 1930, 92: 718-39.—**Hofmeier, K.** Erbanlagen und Erziehung. *Mshr. Kinderh.*, 1937, 68: 82-6.—**Hogben, L.** The detection of linkage in human families; both heterozygous genotypes indeterminate. *Proc. R. Soc., Lond.*, 1934, ser. B, 114: 340; 353.—**Jones, W. A.** Hereditary traits and their relation to the history of the individual. *J. Lancet*, 1926, 46: 9-13.—**Just, G.** Die Entstehung neuer Erbanlagen; eine kritische Uebersicht über neuere Untersuchungen. *Erg. ges. Med.*, 1926, 9: 475-504.—**Kimball, R. F.** A delayed change of phenotype following a change of genotype in *Paramecium aurelia*. *Genetics*, 1939, 24: 49-58.—**Koboziev, N.** Sur l'homogénéité de la constitution génétique de souris anoures proprement dites, issues de parents anoures ou brachyours. *C. rend. Soc. biol.*, 1934, 115: 607.—**Lush, J. L.** Percentage of blood and Mendelism, value of fractions of blood as an index of the genetic constitution of an animal. *J. Hered.*, 1927, 18: 351-67.—**Roesler, G.** Ueber biologisches und traditionelles Erbgut. *Deut. med. Wschr.*, 1934, 60: 92.—Ueberlieferung als Erbgut. *Umschau*, 1934, 38: 281.—**Rosinger, K. E., & Rosinger, A. von P.** The number and mendelian ratios of phenotypes and genotypes. *Q. Rev. Biol.*, 1938, 13: 65-73.—**Sartori, P.** Erbliche Familienkennzeichen im Volksglauben. *Volk & Rasse*, 1932, 7: 106-10.—**Seidel, F.** Die Determinierung der Keimanlage bei Insekten. *Biol. Zbl.*, 1929, 49: 576-607.—**Udin, T. I.** [The constitution and genetics] *Sovet. klin.*, 1934, 20: 868-73.—**Wettstein, F. von.** Ueber plasmatische Vererbung, sowie Plasma- und Genwirkung. *Nachr. Ges. Wiss. Göttingen, math. phys. Kl.*, 1926-27, 250-81.—**Wilczyński, J.** Some new generalisations of genotypical formulae for Mendelian expectations. *Biol. gen., Wien*, 1938-39, 14: 47-54.

Epigenotype.

See also **Embryology, Organizer.**

Buchinger, A. Die Zusammenhänge zwischen Saugkraft und plasmatischer Vererbung. *Genetica, Gravenh.*, 1930, 12: 539-61.—**Enriques, P.** Nucleo e citoplasma nell'eredità: un equivoco tradizionale. *Arch. zool. ital.*, 1931, 15: pt 2, 259-66.—**Goldschmidt, R.** Protoplasmatische Vererbung. *Scientia, Bologna*, 1933, 53: 94-9.—The influence of the cytoplasm upon gene-controlled heredity. *Am. Natur.*, 1934, 68: 5-23.—**Hance, R. T.** Parental chromosome dimensions in *Ascaris*: a study of the effect of cellular environment on chromosome size. *J. Morph.*, 1927, 44: 117-25.—**Harder, R.** Die Rolle des Zellplasmas bei der Übertragung von Eigenschaften. *Med. Welt*, 1928, 2: 1485-7.—Vererbung von Anlagen durch das Zellplasma. *Ibid.*, 1929.—**Hersh, A. H.** Organic correlation and its modification in the bar series of *Drosophila*. *J. Exp. Zool.*, 1928, 50: 239-55.—**Höner, E.** Das genotypische Milieu in seiner Wirkung auf einige Glieder der dumpy-Allelen-Serie bei *Drosophila melanogaster*. *Zschr. indukt. Abstamm.*, 1939, 77: 501-15.—**Michaelis, P.** Ueber den Einfluss von Kern und Plasma auf die Vererbung. *Biol. Zbl.*, 1929, 49: 302-16.—**Morgan, T. H.** The masking of a Mendelian result by the influence of the environment [Abstr.] *Proc. Soc. Exp. Biol.*, N. Y., 1911-12, 9: 73.—**Müller, R.** Symbiose von Chromatophoren im Eiplasma; Vererbung von Erbanlagen durch das Zellplasma. *Med. Welt*, 1928, 2: 1594.—**Pierantoni, U.** Inclusi plasmatici, eredità e specificità. *Arch. zool. ital.*, 1931, 15: pt 2, 445-55.—**Samaraev, V. N., & Markelova, I. V.** Morphogenetic interaction of the parts of the body of Hydra; interaction of bud and the adjacent fragment of the budding zone. *Bull. biol. méd. exp. URSS*, 1939, 7: 39-41.—**Schlösser, L. A.** Beitrag zu einer physiologischen Theorie der plasmatischen Vererbung. *Zschr. indukt. Abstamm.*, 1935, 69: 159-92.—**Sirks, M. J.** Plasmatic inheritance. *Rep. Brit. Ass. Advance. Sc.*, 1937, 107: 421.—**Vandel, A.** L'épigénèse physiologique. *Rev. gén. sc. pur.*, 1939, 50: 61-6.

GENOVA, Italy. Clinica ostetrica.

See *Folia gynaecologica.*

GENOVA, Italy. Istituto di clinica medica della R. Università di Genova. Monografie medico-chirurgiche d'attualità.

See under **Frugoni, C.**

GENOVA, Italy. Ufficio municipale di statistica. Genova statistica. Genova, v.8-13, 1930-35.

GENOVA, Italy.

Portigliotti, G. Storia della medicina a Genova: la chiesa di S. Cosimo. *Illust. med. ital.*, Genova, 1923, 5: 78-81.

GENOVESI, Brandino Francisco. *O peso e as dimensões do feto a termo para fins medicolegais (contribuição ao seu estudo em São Paulo) 72p. ch. 8° S. Paulo, 1928.

GENSCHER [Johannes] Walter. 1912-

*Ueber einen Fall von angeborener Hüftbeugekontraktur [Leipzig] 27p. 23½cm. [Zeulenroda, A. Oberreuter, 1937]

GENSLER, Hellmuth [Louis Leonhard] 1911—
*Ueber die angeborenen Grundlagen der
habituellen Schulterverrenkung. 23p. 21cm.
Tüb., A. Becht, 1938.

GENSLER-KOCH, Constantia, 1896—
*Studie zur Prüfung der medizinisch verwen-
deten Teere [Zürich] 129p. 8°. Weida, Thomas
& Hubert, 1930.

GENSOUL, Joseph, 1797–1858.

Genty, M. Le centenaire de Gensoul. Progr. méd., Par.,
1927, 42: Suppl., 25–32.—**Tixier, L.** [Biography] Lyon méd.,
1927, 139: 341–58, portr.

GENSS, August, 1910— *Regionäre Ver-
schiebenheit des normalen weissen Blutbildes
[Frankfurt] 19p. 20½cm. Limburg a. d. Lahn,
1938.

GENT, University of.

See under Ghent.

GENTER, German Genrikhovich, 1881–1937.

Figurnov, K. [Obituary] Sovet. vrach. J., 1938, 42: 159,
portr.—**Shpoliarsky, G. M.**, & **Gutner, D. G.** [Obituary]
Akush. gin., 1938, 5–11, portr.

GENTH, Walter, 1907— *Verkürzung der
Geburtsdauer durch medikamentöse Wehenbe-
einflussung (über medikamentöse Geburtsbe-
schleunigung) [Heidelberg] 31p. 22cm. Berl.,
A. Gerhardt, 1936.

GENTHON, Marie Jeanne, 1909— *Con-
tribution à l'étude de la maladie de Still. 80p.
8°. Par., V. Degrange, 1937.

GENTIANACEAE.

Claus, G. Schliessbewegungen an Enzianblüten. Umschau,
1925, 29: 313.—**Grond, C.** Gentianes et gentianées. Rev.
path. comp., Par., 1924, 24: 653–5.—**Plantefol, L.** Une forme
anormale de Gentiana punctata L. C. rend. Soc. biol., 1928,
98: 559–62.—**Shcherbachev, D. M.** [Anatomical structure
of Gentiana asclepiadea L.] Farmatsia, Moskva, 1939, No. 7,
17–9.—**Vogt, O.** Der Frühlingsenzian (Gentiana verna) bei
Giessen. Ber. Oberhess. Ges. Naturheilk., naturwiss. Abt.,
1935, 16: 113–32.

— Chemistry, and pharmacology.

AHLES, I. *Beeinflusst Enzian die Anzahl
der Leukozyten und das übrige Blutbild?
[Heidelberg] 24p. 22½cm. Würzb., 1938.

Béguin, C. Essai de stabilisation des racines de gentiane
par les vapeurs d'alcool. J. pharm. chim., Par., 1930, 8. ser.,
12: 49–63. — Influence du pulpage de la racine fraîche
de gentiane sur les glucides qu'elle contient. Ibid., 213–9.—
Bridel, M., & **Desmarest, M.** Sur la préparation du gentianose
en partant d'une racine de gentiane séchée à l'air sans fermenta-
tion. Ibid., 1929, 8. ser., 9: 465–79. Also Bull. Soc. chim.
biol., Par., 1929, 9: 710–23.—**Davis, H.** A note on extract of
gentian. Q. J. Pharm., Lond., 1929, 2: 242.—**Fellenberg, T.**
von. Eine Reaktion zur Gehaltsbestimmung des Enzian-
branntweins an ätherischen Ölen. Mitt. Lebensmittelunter-
such., Bern, 1928, 19: 242–51.—**Helferich, B.** Synthese der
Gentiobiose. Naturwissenschaften, 1926, 14: 677.—**M., F.**
Les sucres de la gentiane. Ann. pharm., Louvain, 1904, 10:
107–14.—**Sternon, F.** La poudre de gentiane de la Pharma-
copée belge IV. Congr. pharm. Liège (1934) 1935, 224–32.—
Tanret, G. Composition de la racine de gentiane. Ann.
pharm., Louvain, 1905, 11: 414–7.

GENTIANOSE.

See Gentianaceae, Chemistry.

GENTIAN violet.

See also Crystal violet; Rosaniline.

Buhlig, W. H. An arrangement affording a stable aniline
gentian violet. Q. Bull. Northwest. Univ. M. School, 1910,
12: 144.—**Sharnosky, J.** A practical improvement in the
preparation of anilin-gentian-violet stain. Proc. N. York
Path. Soc., 1909–10, 9: 103–6.

— Effect, and therapeutic use.

Armangué Feliu, M. Investigaciones sobre la acción
terapéutica de los colorantes y del violeta de genciana en
particular. Ars medica, Barcel., 1929, 5: 6–14.—**Burke, V.**, &
Newton, J. L. Preparation of gentian violet solutions for intra-
venous injection. J. Am. M. Ass., 1926, 86: 529–34.—**Carrière,**
G., & **Martin.** De l'utilisation du violet de gentiane dans les
infections sanguines. Bull. Acad. méd., Par., 1932, 3. ser.,
107: 799–801.—**Cornbleet, T.** The use of gentian violet in

erosio inter-digitalis saccharomycetica. Arch. Derna. Syph.,
Chic., 1929, 20: 184.—**Donath, S.** Advantages of gentian-
violet as a local antiseptic (preliminary report) Ohio M. J.,
1929, 25: 208.—**Flornance, F. C.** The use of gentian violet
(aqueous solution) in skin diseases. Med. J. Australia, 1936,
1: 466.—**Hall, C. H.** Contribution to the clinical therapy of
gentian violet and mercurio-chrome-220 soluble used intra-
venously. West Virginia M. J., 1925, 20: 234–41.—**McFarland,**
A. R. The use of gentian violet locally in dermatologic condi-
tions. Arch. Derm. Syph., Chic., 1928, 17: 16–22.—**Oyuela,**
A. M. Tratamiento del moquillo del caballo por las inyecciones
de violeta de genciana. Rev. méd. vet., B. Air., 1939, 21:
94–8.—**Repetto, E.** Le modificazioni istologiche prodotte dalle
iniezioni endoarteriose di violetto di genciana. Policlinico,
1938, 45: sez. chir., 134–43.—**Roberts, K.** Value of methylene
blue-gentian violet 5 percent. in preoperative skin preparation.
Ann. Surg., 1929, 89: 183–90.—**Sisson, R. J.** Gentian violet
in ophthalmology. Am. J. Ophth., 1928, 3. ser., 11: 893–5.—
Stovall, W. D., **Nichols, M. S.**, & **Vincent, V.** The relative
toxicity of gentian violet for certain members of the colon
group of organisms. J. Lab. Clin. M., 1927–28, 13: 1036–40.
— The influence of P₁₁ on the selective bacteriostatic
action of gentian violet on members of the colon group of
organisms. Ibid., 1122–6.—**Sutton, R. L., jr.** Gentian violet
as a therapeutic agent; with notes on a case of gentian violet
tattoo. J. Am. M. Ass., 1938, 110: 1733–8.—**Therapeutic**
(The) value of gentian violet. Practitioner, Lond., 1938,
141: 230.—**Visher, J. W.** Gentian violet intravenously in
chorea and encephalitis; report of 4 cases. J. Nerv. Ment.
Dis., 1925, 62: 376–80.—**Wells, A. Y.**, & **Sherwood, N. P.**
Selective action of gentian violet on enzymes. J. Infect. Dis.,
1934, 55: 356–9.

GENTIL, Charles. *Contribution à l'étude
de la pathogénie des ganglions tuberculeux
d'origine dentaire. 42p. 8°. Genève, M.
Deshusses, 1929.

GENTILE, Giovanni, 1875–

Tarozzi, G. La filosofia di Giovanni Gentile e la cultura
italiana. Riv. psicol., 1921, 17: 152–66.

GENTILE da Foligno, —1348. Super
prima fen quarti canonis Avicennæ de febre et
de majoritate morbi. 182 l. fol. [Bologna,
Balthasar Aszoguidus, 1477]

— Consilium contra pestilentiam. 20 l.
4°. [Colle di Valdelsa, Bonus Callus, 1478–79]

— De proportionibus medicinarum [corr.
by Giambatt. Nicolino] p.339a–41b. 30cm.
Venezia, 1527.

In Mesue. Opera omnia, Venezia, 1527.

See also Magri, F. La neuropsichiatria di un medico del
trecento, Gentile da Foligno. Rass. stud. psichiat., 1938, 27:
1178–84.

GENTILI, Alberico, 1552–1608. Disputa-
tionum decas prima. 146p. 12°. London, Joh.
Wolfius, 1587.

GENTIOBIOSE.

See under Gentianaceae, Chemistry.

GENTIS, Gaetan, 1913— *Les psychoses
puerperales et leur traitement par la cardiazol-
thérapie. 53p. 24cm. Par., L. Cario, 1939.

GENTON, Marc Pierre, 1901— *Con-
tribution à l'étude historique de la peste dans la
région toulonnaise au XVIII^e en particulier.
54p. 8°. Par., L. Arnette, 1929.

GENTRY, Ernest R., 1884— Undulant
fever. p.799–804. 8°. N. Y., Oxford Univ.
Press, 1930.

GENTSCH, Heinrich, 1900— *Beitrag
zur Pathologie und Klinik der Oberkiefer-
adamantinome. p.312–33. 8°. Halle, 1932.

Also Arch. Ohr. & c. Heilk., 1932, 133:

GENTSCHEV, Dimitar, 1902— *Ueber
einen Fall von Schädigung der Augen mit
Facialislähmung infolge von elektrischem Schlag.
14p. 8°. Münch. [n. pub.] 1927.

GENTY, Philippe, 1908— *L'enclouage
des fractures récentes du col fémoral par voie
extra-articulaire [Paris] 136p. 8°. Tours,
Impr. Deslis S. A., 1938.

GENTY, Pierre Auguste Maurice, 1906—

*Les douleurs fulgurantes du tabes et leur traite-
ment. 79p. 8°. Par., V. Degrange, 1938.

GENTZ, Gerhard, 1912— *Was ist bisher über Missbildungen im Bereiche der Zähne und Kiefer bekannt geworden. 75p. 8°. Greifsw., H. Adler, 1938.

GENTZEN, Gustav, 1908— *Beiträge zur Frage der zentralnervösen Blutregulation. 29p. 8°. Königsb., J. Raabe, 1934.

GENTZKOW, Cleon [Joseph] 1891— See Simmons, James Stevens, & Gentzkow, Cleon J. Laboratory methods of the United States Army. 4. ed. 1091p. 8°. Phila. [1935]

GENTZSCH, Hans [Alfred] 1903— *Das Verhalten des respiratorischen Stoffwechsels nach peroraler Traubenzuckergabe bei gesunden Frauen. p.78-96. 8°. Frankf. a. M., L. Bernhardt, 1928.

Also Arch. Gyn., Berl., 1932, 150:

GENTZSCH, Herbert, 1909— *Das Kolonkarzinom bei Frauen bis zu 35 Jahren; Strahlenbehandlung und Behandlungserfolg. 20p. 8°. Münch., C. Wolf & Sohn, 1937.

GENU.

See Knee.

GENY, Roger Marc, 1913— *Essai de synthèse des acquisitions modernes sur l'anesthésie en obstétrique. 35p. 24cm. Par., Le François, 1939.

GENZ, Arthur [Fritz August] 1898— *Die Patella und ihre angeborenen und erworbenen Veränderungen [Berlin] 73p. 8°. Charlottenb., Gebr. Hoffmann, 1927.

GENZ, Gerhard, 1906— *Die Veränderungen des Blut-Calciumspiegels durch ultrakurze elektrische Wellen [Jena] 30p. tab. 8°. Halle, H. John, 1933.

GENZEL, Hermann, 1910— *Statistik über die Häufigkeit der verschiedenen Kindslagen [München] 24p. 8°. Augsb., H. Heber, 1935.

GENZEL, Julian. *Die Wandlungen der Anschauungen über Morbus Basedowii 1900-25. 20p. 8°. Basel [n. pub.] 1927.

GENZEL, Sigrid, 1912— *Das Zustandekommen azyklischer Blutungen (an Hand von über 1,000 Fällen der Jenaer Universitäts-Frauenklinik) 32p. 20½cm. Jena, Buchdr. Werkstätte, 1938.

GENZER, Irmgard [Gerda Adelheid] 1911— *Erfolge der Hormonbehandlung bei hormonaler Sterilität. 17p. 20½cm. Königsb., J. Raabe, 1937.

GEOBIOLOGY.

See also Animals; Anthropogeography; Biology; Botany; Ecology; Environment; Life, origin; Nature; Paleontology; Plant; Zoology.

ABEL, O., ARLDT, T. [et al.] Methoden der Geologie, Mineralogie, Paläobiologie und Geographie. 1048p. 8°. Berl., 1930.

ARLDT, T. Wohnstätten des Lebens. 180p. 8°. Lpz. [1910]

CLEMENTS, F. E., & CHANEY, R. W. Environment and life in the Great Plains. 53p. 8°. Wash., D. C., 1936.

NEEDHAM, J. G. The animal world; animal life of our earth. 1. trade ed. 122p. 23½cm. N. Y. [1936]

Chamberlin, T. C., & Chamberlin, R. T. Early terrestrial conditions that may have favored organic synthesis. Science, 1908, n. ser., 28: 897-911.—**Enriques, P.** Animali e piante. Arch. zool. ital., 1931, 16: 238-45.—**Halluin, M. d'.** Pourquoi la vie reste possible à la surface du globe. J. sc. méd., Lille, 1922, 40: 385; 405.—**Hooper, E. T.** Geographical variation in wood rats of the species *Neotoma fuscipes*. Univ. California Puh., 1938, 42: Zool., 213-45, 2 pl.—**Mayer, R.** Rhythmen der Gebirge und des Lebens. Med. Klin., Berl., 1934, 30: 903-6.—

Regnault, F. Population des pays granitiques et des pays calcaires. Rev. cosmhol., Nice, 1938-39, 4: 110-3.

GEOCHEMISTRY.

See Soil, Chemistry.

GEODESY.

See also Earth; Geography.

HAZARD, D. L. Results of observations made at the U. S. Coast and Geodetic Survey magnetic observatory near Tucson, Arizona, in 1919 and 1920. 98p. 8°. Wash., 1924.

UNITED STATES. DEPARTMENT OF COMMERCE. COAST AND GEODETIC SURVEY. Annual report of the director. Wash., 1927-28; 1929-30; 1930-31.

— Annual report of the superintendent. Wash., 1860-1900/01.

Incomplete.

— Special publications. Wash., No. 4, 1900; No. 7, 1901; No. 162, 1930.

Heinen, G. Bruchstück einer römischen Generalstabkarte. Umschau, 1925, 29: 802-4.—**Parkhurst, D. L.** Geodetic instruments. Bull. U. S. Nat. Res. Council., 1931, 78: 191-200.

GEO DIN.

Clutterbuck, P. W., Koerber, W., & Raistrick, H. Studies in the biochemistry of micro-organisms; the molecular constitution of geodin and erdin, 2 chlorine-containing metabolic products of *Aspergillus terreus* Thom.; the constitutional relationship of geodin and erdin. Biochem. J., Lond., 1937, 31: 1089-92.

GEO DYNAMICS.

See also Geology; Soil.

Bradley, W. H. The biography of an ancient American lake. Annual Rep. Bd. Regents Smithsonian Inst., 1937, 279-89, 4 pl.—**Prat, S.** Sédimentation des tufs et des travertins calcaires. C. rend. Soc. biol., 1927, 97: 1762-4.—**Shepard, F. P.** Origin of the Great Lakes basins. Annual Rep. Bd. Regents Smithsonian Inst., 1937, 269-77, 2 maps.—**Wallner, J.** Einführung in die Biogeodynamik mit besonderer Berücksichtigung der biologischen Betrachtungsweise geochemisch-lithogener Probleme. Zschr. ges. Naturwiss., 1938-39, 4: 249-71.—**Watts, W. W.** Form, drift, and rhythm of the continents. Annual Rep. Smithsonian Inst., 1936, 185-205.

GEOGRAPHY.

See also Balneography; Climatography; Desert; Earth; Geobiology; Geodesy; Geomedicine; Geopathology; Hydrography; Mountain; Oceanography; Sea, &c.

UNITED STATES. DEPARTMENT OF THE INTERIOR. Decisions of the United States board of geographical names; decisions rendered between July 1, 1934 and June 30, 1935. 26p. 8°. Wash., 1936.

— Decisions of the United States Board on Geographical names; decisions rendered between July 1, 1938 and June 30, 1939. 41p. 8°. Wash., 1939.

UNITED STATES. NATIONAL RESEARCH COUNCIL. DIVISION OF GEOLOGY AND GEOGRAPHY. The geography of Europe. 95p. 23½cm. N. Haven, 1918.

— Introductory meteorology. 149p. 12°. N. Haven, 1918.

Boas, F. The study of geography. In his Race Language & Cult., N. Y., 1940, 639-47.—**Creación y funcionamiento del Instituto panamericano de geografía e historia.** Bol. bibliogr. antrop. amer., Méx., 1937, 1: 5-22.—**Keefer, E. L.** Case studies of 25 maladjusted pupils in sixth grade geography. Abstr. Theses Univ. Pittsburgh, 1931, 7: 280.—**Munck, E. de.** Sur une question de géographie préhistorique. Bull. Soc. anthrop. Bruxelles, 1924, 39: 32; 167.—**Van Volsem, B.** L'enseignement de la géographie. Rev. psychol., Brux., 1912, 5: 321-53.

GEOLOGY.

See also Chronology; Cosmos; Earth; Fossil; Geodynamics; also names of minerals and waters as Bath; Coal; Fango; Hydrocarbons; Mineral water, &c.

RESSER, C. E. The Ptarmigan strata of the northern Wasatch Mountains. 72p. 8° Wash., 1939.

STARK, M. Zur Altersfrage der Erdrinde. p.61-83. 8° Prag, 1937.

UNITED STATES. DEPARTMENT OF INTERIOR. GEOLOGICAL SURVEY. Annual report of the director. Wash., v.1-6, 1880-85; v.8-10, 1887-89; v.19-21, 1898-1900.

— Bulletin. Wash., No. 377-860a, 1909-34.

— Professional papers. Wash., 1905-32.

Incomplete.

— Water supply papers. Wash., v.1, 1896-

Antoniewicz, V. Deuxième conférence de l'Association internationale pour l'étude du quaternaire européen (Leningrad, 1932). Anthropologie, Par., 1933-34, 43: 541-52.

Bickel, A. Der warme Berg, ein geologisches und balneologisches Unikum auf der Erde. Zschr. ges. phys. Ther., 1933, 45: 78-84.—Browning, W. Medical men as early American geologists. Med. Life, 1929, 36: 137-44.

— The relation of physicians to early American geology. Ann. M. Hist., 1931, n. ser., 3: 547-67.—Coopre, G. A. Studies of middle Devonian rocks in the mid-west. In Explor. Smithsonian. Inst., 1935, 9-12.—Dickey, R. M. Present trends in studies of the Michigan Huronian. Papers Michigan Acad. Sc., 1937, 23: 419-26.

Ehlers, G. M., & Radabaugh, R. E. The Rogers City limestone, a new middle Devonian formation in Michigan. Ibid., 441-6.

2 pl.—Keeck, W. G. Geophysical measurements in Livingston County, Michigan. Ibid., 463-76.—Lane, A. C. Measuring geologic time: its difficulties. Annual Rep. Bd. Regents Smithsonian. Inst., 1937, 235-34, 2 pl.—Mather, K. F. Error in geology.

In Story of human error (Jastrow, J.) N. Y., 1936, 64-85.

Merriman, J. C. The place of geology among the sciences. Science, 1929, 70: 491-3. Also In his Publ. Papers, Wash., 1938, 3: 1817-20.

Earth sciences as the background of history. Ibid., 1789-804.—Michot, P. La stratigraphie du Silurien de la bande de Sambre-et-Meuse. Mém. Acad. Belgique, Cl. sc., 1934-35, 13: 1-108, 7 ch.—Pfannkuch, F. Ueber den Wert geologischer Kenntniss für den Volksarzt. Deut. med. Wschr., 1934, 60: 1644.—Resser, C. E. Geologic studies in the Appalachian Mountains. In Explor. Smithsonian. Inst., 1935, 5-8.—Schuchert, C. Geochronology or the age of the earth on the basis of sediments and life. Bull. U. S. Nat. Res. Council, 1931, 80: 10-64.—Watts, W. W., Trueman, A. E. (et al.) Teaching of geology in schools. Rep. Brit. Ass. Advance. Sc., 1937, 107: 281-90.—Willis, B. Geologic science and practice. Bull. Nat. Res. Council. Philippines, 1937, 13: 109-15.

GEOMEDICINE.

See also Altitude; Balneography; Climatography; Climatology; Climatotherapy; Demography; Geopathology; Race; Tropical medicine, &c.

HERTEL, A. *Sinnggebung der Geomedizin. 37p. 8° Berl., 1935.

MUZZO, C. Geografia medica; primo saggio nella letteratura medica Italiana. 1212p. 18° Milano, 1922.

Eugster, J. Aufgaben und Ziele der Geomedizin; mit besonderer Berücksichtigung der Erforschung von Krankheitsursachen. Schweiz. med. Wschr., 1938, 68: 553-6.—Gabbi, U. Geografia medica. Gior. clin. med., 1932, 13: 83-6.—Garrison, F. H. Medical geography and geographic medicine. Bull. N. York Acad. M., 1932, 8: 593-8.—Kooser, J. H. Mountain medicine. J. Med., Cincin., 1934, 15: 85-8.—Markus, E. Geographische Kausalität. Acta Univ. Tartu, 1936, 30: A, No. 5, 1-202.—Mayer, J. Balneologie und klimatisch-geographische Medizin. Münch. med. Wschr., 1938, 85: 857-61.—Mujica, J. C. A. Geografia medica. Bol. san., B. Air., 1939, 3: 63-88.—Oberhammer, E. Medizinische Geographic. Petermanns Mitt., 1935, 81: 329-41.—Reed, A. C. Environmental medicine. Science, 1935, 82: 447-52.—Rimpau, W. Geomedizin als Wissenschaft. Münch. med. Wschr., 1934, 81: 940-3.—Schittenhelm, A. Geomedizinische Erkenntnisse in deutschen Landen und ihre Bedeutung für die ärztliche Praxis. Hippokrates, Stuttg., 1936, 7: 1101-12.—Zeiss, H. Der augenblickliche Stand medizinisch-geographischer Forschungen in der Sowjetunion. Münch. med. Wschr., 1931, 78: 1476-9.

GEOMETRY.

See also Mathematics.

DINGHAS, A. Beweis einer Ungleichung für konvexe Körper. 13p. 30cm. Berl., 1939.

Coolidge, J. L. The origin of analytic geometry. In Osiris, Bruges, 1936, 1: 231-50.—Loria, G. Michele Chasles e la teoria delle sezioni coniche. Ibid., 421-50.—Simons, L. G. Short stories in colonial geometry. Ibid., 584-605.

GEOPATHOLOGY.

See also Altitude, Diseases; Climate, Changes; Pathological effect; Climate, Pathology; Environment; Epidemiology; Morbidity; Mortality, &c.; also under names of diseases and geographical units.

Askanazy, M. Le sens et les buts de la pathologie géographique. Presse méd., 1938, 46: 929-31.—Bensch, R. Gibt es eine Inselkrankheit? Med. Welt, 1932, 6: 161.—Dormanns, E. Beitrag zur geographischen Pathologie. Virchows Arch., 1931, 280: 595-610.—Haberer, H. von. Verschiedenheiten gleichartiger Erkrankungen unter sozialem und geographischem Einfluss. Deut. Zschr. Chir., 1932-33, 238: 409-32.—Josselin de Jong, R. de (Development of geographical pathology) Ned. tschr. geneesk., 1934, 78: 642-54.—Lavier. La pathologie des îles Saint Pierre et Miquelon. Ann. méd. pharm. col., Par., 1933, 31: 102-6.—Modalités pathologiques spéciales à la région du Nord. Mouvement hyg., Brux., 1909, 25: 466-8.—Pentman, I. S. [Ethno-geographic factors in the light of constellation pathology] Omsky med. J., 1929, 4: 6-15.—Rabl, R. Die Bedeutung der Bevölkerungsstruktur für die geographische Pathologie. Virchows Arch., 1939, 304: 659-78.—Rezek, P. Ueber den Sinn der geographischen Pathologie. Wien. klin. Wschr., 1937, 50: 1383-9.—Rimpau, W. Zur Geschichte der Geoepidemiologie. Veröff. Volksgesundheitsdienst., 1937, 48: 269-380.—Rössle, R. Ueber geographische Pathologie. Jahrbuch. ärztl. Fortbild., 1932, 23: H. 1, 54-78.—Sitsen, A. E. Beitrag zur geographischen Pathologie. Virchows Arch., 1932, 285: 506-49.—Strode, J. E. Some recent observations in clinics of the Mainland and in England. Proc. Clinic, Honolulu, 1935, 1: No. 5, 1-7.—Tull Walsh, J. H. The geographical distribution of human diseases and their control. Tr. Soc. Trop. M. Hyg., Lond., 1918, 11: 105-23.

— Congresses, and societies.

[INTERNATIONAL] CONFÉRENCE INTERNATIONALE DE PATHOLOGIE GÉOGRAPHIQUE. 2. Conf., Utrecht, 26-28 July, 1934. Comptes rendus. 665p. 245mm. Utrecht [1936]

Askanazy, M. Die internationale Gesellschaft für geographische Pathologie. Zbl. allg. Path., 1928, 42: 55-60.—Bijl, J. P. [The 2nd Conference of the International Society for Geographic Pathology] Ned. tschr. geneesk., 1934, 78: 4111-4.—Brierly, W. B. Report on the survey of the incidence and distribution of diseases in the Western Hemisphere. Proc. Conf. Health Author. N. America, 1937, 52: 32-5.—Fischer, W. Dritte Tagung der Internationalen Gesellschaft für geographische Pathologie in Stockholm vom 5.-7. August 1937. Klin. Wschr., 1937, 16: 1259.—Hoffman, W. H. La Sociedad internacional de patología geográfica. Día méd., B. Air., 1929-30, 2: 798.—Huguénin, R. Deuxième conférence de la Société internationale de pathologie géographique. Presse méd., 1934, 42: 1586.—Meeting (The) of the international Society for Geographic Pathology, held at Utrecht, Holland, July 25 to 28, 1934. Canad. M. Ass. J., 1934, 31: 438.—Séance plénière administrative de la Société internationale de pathologie géographique. C. rend. Conf. internat. path. géogr. (1934) 1936, 2. Conf., 253-61.—Troisième Conférence de la Société de pathologie géographique. Presse méd., 1937, 45: 1487-9.

GEOPHAGY.

See also Appetite, perverted; Cachexia.

CHAPARD, A. *Les géophagies. 31p. 8° Par., 1926.

Andreichikov, S. N. [Geophagia] Sovet. psikhonevr., 1937, 13: 69-72.—Buschan, G. Vom Erdessen. Janus, Leyde, 1930, 34: 337-50.—De Toni, G. Le tappe di una diagnosi clinica; geofagia, anemia splenomegalica fibroso-congestiva bantiana. Riforma med., 1936, 52: 1083-8.—Driginkina, A. [Pathogenesis of geophagy] Vrach. delo, 1928, 11: 701-4.—Gross, L. Geophagie. Med. Welt, 1927, 1: 1580.—Mathieu, J. Notes sur la géophagie et le parasitisme intestinal à Figlig (Maroc oriental) Arch. méd. enf., 1927, 30: 591-7.—Stahl, G. Die Geophagie; mit besonderer Berücksichtigung von Südamerika. Zschr. Ethnol., 1932, 64: 346-74.—Wacker, L. Ueber die Heilwirkung der Erden und das Erdessen der Naturvölker. Münch. med. Wschr., 1935, 82: 1279-81.

GEOPHILUS.

See also Chilopoda.

Thiry, G., Richard, P., & Dombray, P. A propos d'un cas de pseudo-parasitisme de Geophilus longicornis Leach, 1814, chez l'homme. C. rend. Soc. biol., 1932, 110: 611-3.

GEOPHYSICS.

See Air; Divining rod; Earth; Earthquake; Electricity; Magnetism; Radiation, &c.

GEOPSYCHE.

See under Climate, Biological effects; Environ-
ment.

GEORG, Eugen. Der Mensch und das Geheimnis. 2. Aufl. xii, 381, 1p. 8°. Berl., Safari [1937]

GEORG, Heinz, 1900— *Der keilförmige Defekt [Frankfurt] 31p. 8°. Mainz, Laxner & Nauth, 1935.

GEORG, J. E. Eheleben und natürliche Geburtenregelung. 244p. 8°. Prag, A. O. Czerny, 1933.

GEORG, Magdalene, 1907— *Erkennung und Behandlung von Stimmstörungen nach Kehlkopfverletzungen. 28p. 23cm. Marb., H. Bauer, 1937.

GEORGE V, of England, 1865-1936.
King George V and medicine. Med. Press & Circ., Dublin, 1936, 192: 87.—Our most illustrious doctor. Brit. M. J., 1936, 1: 187-90.—The King's last illness. J. Am. M. Ass., 1936, 106: 866.

GEORGE, Ariel Wellington, 1882—, & LEONARD, R. D. The vertebrae roentgenologically considered. xxv, 256p. pl. 4°. N. Y., P. B. Hoeber, 1929.

Forms v.8, Annals of Roentg., N. Y., 1929.

GEORGE, Edgar J., 1863-1930.
Obituary. J. Am. M. Ass., 1930, 95: 1521.

GEORGE [Franz] Erich, 1898— *Die Verwertung des Roggens in ernährungsphysiologischer Hinsicht. p.381-98. 8°. [Lpz., n. pub.] 1927.

GEORGE, Hermann, 1908— *Kritischer Bericht über das Gussporzellan Neo-Eldentog [Heidelberg] 18p. 8°. Hildesheim, G. George, 1934.

GEORGE, John E. The saloon question in Chicago. p.57-110. 8°. N. Y., 1897.
Bound in Papers on the regulation of liquor traffic (F. L. Hoffman) 1848-1912.

GEORGE, O. F. Every-day medical adviser; a medical treatise designed especially for family use and general instruction in the every-day use of the art. 43p. 12°. Rutland, Vt., F. M. McLean, 1883.

GEORGE, Paul, 1895— *Le syndrome phrénico-pupillaire dans les affections pleuropulmonaires. 128p. 5 pl. 8°. Par., Jouve & cie, 1928.

GEORGE, René Jean, 1909— *Contribution à l'étude des tumeurs primitives de la vaginale testiculaire. 63p. 25cm. Bord., De Guyenne, 1937.

GEORGE, Udo [Heinz Walter] 1913— Beobachtungen an Sertolizellen im Hoden des Menschen und der Ratte. p.479-98. 23cm. Berl., 1938.

Also Zschr. mikr. anat. Forsch., 1937, 42:

GEORGE, Walter Lionel, 1882— Labour and housing at Port Sunlight. xi, 218p. front. 54 pl. plan. 12°. Lond., A. Rivers, 1909.

GEORGE, William Herbert. The scientist in action; a scientific study of his methods. 355p. illust. diags. 8°. Lond., Williams & Norgate [1936]

GEORGE Davis Bivin Foundation. Monograph.

See Bivin, G. D., & Klinger, M. P. Pseudocyesis. 265p. 23cm. Bloomington, Ind., 1937.

GEORGEL, Henri, 1909— *Le priapisme leucémique. 64p. 24cm. Par., Jouve & cie, 1938.

GEORGES, Jean, 1901— *Contribution à l'étude de la progeria. 76p. 8°. Par., Impr J. Téqui, 1927.

GEORGES, Jean Maurice, 1901— *Etude des laryngocèles; pathogénie; traitement chirurgical. 91p. 8°. Par., L. Arnette, 1930.

GEORGET, André, 1906— *Tuberculinothérapie transcutanée de l'érythème induré de Bazin. 46p. 8°. Par., Jouve & cie, 1937.

GEORGET, Pierre Jean, 1910— *L'anesthésie de la chaîne sympathique lombaire; contribution à son étude expérimentale et clinique. 91p. 25cm. Bord., Delmas, 1937.

GEORGETOWN University [District of Columbia] Catalogue of the School of Medicine, with announcements. Wash., v.27, 1875/76— Incomplete.

See also Bowen, J. G. History of Georgetown University. Phi Chi Q., Menasha, 1936, 33: 339-44.

GEORGETOWN University Hospital.
See District of Columbia.

GEORGETOWN University. Medical School [District of Columbia]

Nevils, W. C. History of the Georgetown University Medical School. Phi Chi Q., Menasha, 1936, 33: 347-54.

GEORGEVICH, Vladan, 1844-1931.

[Colonel of the sanitary service] Voj. san. glasnik, 1936, 7: 365-7, portr.

GEORGE Washington University Hospital.
See District of Columbia.

GEORGI, Felix, 1893—, & **FISCHER, O.** Humoralpathologie der Nervenkrankheiten. vii, 505p. illust. tab. 8°. Berl., J. Springer, 1935.
Forms 7. Bd, 1. Teil, Handb. Neur. (Bumke & Foerster) Berl., 1935.

GEORGI, Felix, KAFKA, V. [et al.] Körperliche Störungen. vi, 333p. roy. 8°. Berl., J. Springer, 1928.
Forms 3. Bd, T. 3, Handb. Geisteskr. (O. Bumke) Berl., 1928.

GEORGI, Walter, 1907— *Die Krankheitsverhältnisse in der allgemeinen studentischen Krankenkasse der Universität Leipzig vom Wintersemester 1918-19-Sommersemester 1930 [Leipzig] 71p. 8°. Rochlitz i. Sa., E. Vetter, 1932.

GEORGI, Walter [Kurt Heinz Albrecht] 1907— *Die Hancock'sche Operation im Vergleich zum Syme, Lignerolles-Malgaignes und Pirogoff (Amputatio subaltica osteoplastica) [Leipzig] 12p. 8°. Zeulenroda, A. Oberreuter, 1937.

[**GEORGIA, U. S. A.**] Medical Academy of Georgia [Announcement of opening, 1829] 4p. 8°. Augusta, 1829.

[**GEORGIA, U. S. A.**] Medical Association of Georgia.

Corson, E. R. The centennial anniversary of the Georgia Medical Society. 7p. 8°. Savannah, 1905.

Bunce, A. H. Notes on the history of the Medical Association of Georgia, 1920-35. J. M. Ass. Georgia, 1935, 24: 159-81. Also repr.—Constitution and by-laws of the Medical Association of Georgia. Ibid., 1938, 27: 116-22.—Directory of the Medical Association of Georgia for 1939. Ibid., 1939, 28: 490-504.—Medical Association of Georgia officers and committees, 1939-40. Ibid., 487-9.

[**GEORGIA, U. S. A.**] Medical College of Georgia. Charter, by-laws, officers, &c., of the Medical College of Georgia, 1835. 14p. 8°. Augusta, G. Robertson, 1835.

GEORGIA, U. S. A. State Board of Health. Georgia baby book. 6. ed. 96p. 8°. Atlanta, 1935.

— Annual reports. Atlanta, 1875-76; 1908; 1918—

— Biennial report. Atlanta, 1935.

— Georgia's health. Atlanta, v.14, 1934—

GEORGIA, U. S. A. University of. School of Medicine [Augusta]

GOODRICH, W. H. The history of the Medical department of the University of Georgia. 215p. 8°. Augusta, Ga. [1928]

DOUGHTY, R. G. History of the Medical Department of the University of Georgia. Ann. M. Hist., 1928, 10: 80-5.—McElroy, J. D. Historical sketch of the University of Georgia School of Medicine. Messenger, 1940, 37: 37-9.—Mettler, C. C. History of Georgia School of Medicine. Phi Chi Q., Menasha, 1937, 34: 17-29.

See also Georgia, U. S. A. Medical College of Georgia.

GEORGIA, U. S. A.

BASSETT, V. H. Two medical martyrs of Georgia 1819-20; with short accounts of the lives of Dr John A. Casey, and Dr Richard McAllister Berrien, of Savannah. 6p. port. 8°. Savannah, Ga., 1937.

Clippings from Savannah Morning News, Aug. 22, 29, and Sept. 5, 12, 1937.

KRAFFKA, J., jr. Medicine in Colonial Georgia. p. 326-44. 8° [Atlanta] 1936.

Repr. from Georgia Hist. Q., 1936, 20:

Campbell, J. L. Medical colleges and medical education in Georgia. J. M. Ass. Georgia, 1936, 25: 385-7.—Kitchens, T. N. The traffic in human life in Georgia. Tr. M. Ass. Georgia, 1909 60: 108-18.—Kraffka, J., jr. The Tory doctors of Georgia under the banishment act of 1778. Ann. M. Hist., 1938, n. ser. 10: 127-30.—Lockhart, V. D. Forty years in the study and practice of medicine in Georgia. Tr. M. Ass. Georgia, 1910, 55-63.—Mettler, C. C. Georgia degreed physicians previous to 1830. J. M. Ass. Georgia, 1939, 28: 43-7.—Strickler, C. W. Georgia's medical problems of 1940. Ibid., 1940, 29: 341.—Whittle, C. C. Public health work in the first sanitary district and some pathologic conditions among children. Ibid., 1917-18, 7: 4-9.

GEORGIADES, Dimitri, 1901—*Contribution à l'étude du syndrome connu sous le nom de diabète renal. 88p. 8° Par., Maloine, 1929.

GEORGIA Infirmary.

See Savannah, Ga. Georgia Infirmary.

GEORGIA'S health. Atlanta, Ga., v. 14, 1934—

GEORGIEV, Alexander, 1900—*Ueber die Ursache des Verbrennungstodes nebst einem Fall von Spätod, gestorben $\frac{1}{4}$ Jahre nach der Verbrennung. 28p. 8° Münch. [n. pub.] 1927.

GEORGIEV, Georgi, 1904—*Die Entwicklung der Radiumapplikationsmethoden für die Behandlung der gynäkologischen Karzinome. 31p. 8° Münch. [n. pub.] 1929.

GEORGIEV, Georgi Krestanoff, 1905—*Ueber perforierende Ulcus pepticum Bildung in mit Magenschleimhaut ausgekleideten Meckel'schen Divertikeln [München] 56p. 8° Sofia, Hudojnik, 1931.

GEORGIEV, Konstantin, 1901—*Verschiedene Komplikationen nach Ulcus ventriculi perforatum [Leipzig] 34p. 8° Lucka, R. Berger, 1927.

GEORGIEV, Naum, 1892—*Appendicitis in der Gravidität. 38p. 8° Marb., Bauer, 1928.

GEORGIEV, Panajot, 1896—*Hernia diaphragmatica. 22p. 8° Jena, G. Neuenhahn, 1933.

GEORGIEV, Peju, 1909—*Weitere Vergleiche zwischen den Breiten der Zähne bei männlichen und weiblichen Bulgaren. 39p. 8° Würzb., K. Roll, 1936.

GEORGIEV, Peter, 1903—*Zur Kenntnis der primären und sekundären Ponsblutungen. 30p. 8° Münch., J. B. Grassl, 1928.

GEORGIEV, Vassil, 1902—*Ueber das Wesen der Noma; ihre Verbreitung und Vorkommen bei inneren Erkrankungen [Berlin] 22p. 8° Charlottenb., Gebr. Hoffmann, 1928.

GEORGIEVICS, Georg von. The chemical technology of textile fibres; transl. from the German by Chas. Slater. 3 p. l. [vii]-x, 306p. illust. 8° Lond., Scott, Greenwood & Son, 1902.

GEORGIEVITZ-WEITZER, Demeter.

See Surya, G. W. [pseud.]

GEORGIEWA, Anastasia, 1898—*Stellungsanomalien und ihre schädigende Wirkung auf die Zähne. 16p. 8° Bresl., Genoss Buchdr., 1930.

GEORGIEWA, Mara, 1911—*Der Reststickstoff im Blut. 28p. 8° Münch., Bayer. Dr., 1934.

GEORGII, Hans, 1900—*Ueber die sogenannten Nabeladenome und deren Folgezustände; an Hand dreier einschlägiger Beobachtungen. 27p. 8° Tüb., E. Göbel, 1927.

GEORGII, Martha, 1902—*Ileus und Invagination im Kindesalter [München] 15p. 8° Berl., A. Radeke, 1928.

GEORGOPOULOS, Nicolas, 1899—*Contribution à l'étude de la méningite séreuse circonscrite de la fosse cérébrale postérieure. 89p. 8° Par., M. Lac, 1928.

GEORGY, Hans, 1901—*Mediane und laterale Halszysten. 34p. 8° Jena [n. pub.] 1933.

GEOTHERAPY.

See Climatotherapy.

GEOTRICHOIDES.

See also Eremascaceae.

Sartory, A., Sartory, R. [et al.] Une dermatomycose tropicale causée par un champignon levuriforme: Geotrichoides lam-barenensis. Ann. Inst. Pasteur, Par., 1936, 57: 526-44.

GEOTRICHUM.

See also Eremascaceae; also in 3. ser. Oidium.

Gougerot, H. Mycordermoses (ou Géotrichoses) In Nouv. prat. derm. (Darier, Sabouraud, et al.) Par., 1936, 2: 569-80.—Guéguen, F. Méconnaissance fréquente de l'Oidium lactis Fresenius, saprophyte facilement identifiable de l'homme et des animaux. C. rend. Soc. biol., 1913, 74: 943-5.—Linneboe, J. B., & Hastings, E. G. Ueber die symbiontischen Funktionen von Oidium lactis. Zbl. Bakt., 2. Abt., 1935-36, 93: 278-90.—Magalhães, O. Mycose pulmonar pelo Neo-geotrichum pulmoneum n. g. (O. Magalhães 1914) emend. O. Magalhães 1931. Rev. med. cir. Brasil, 1933, 41: 263-79.—Schnell, E. Die auf Produkten der Landwirtschaft und der landwirtschaftlichen Gewerbe vorkommenden Oospora (Oidium) lactis-Varietäten. Zbl. Bakt., 2. Abt., 1912, 35: 1-76, 6 pl.—Vrijman, L. H. [Geotrichum infection] Ned. tschr. geneesk., 1933, 77: 2129.

GEOTROPISM.

See also Gravity; Growth.

Bolin, L. Der Geotropismus von Psammochinus miliaris. O. F. M. Internat. Rev. Hydrob., 1926, 16: 125-9.—Buddenbrock, W. von. Geotropismus bei Tieren ohne statische Apparate. In Handb. norm. path. Physiol. (A. Bethe & G. von Bergman [et al.] Berl., 1926, 11: 1024-6.—Cooling, W. M. [Retarding influence of the longitudinal component of gravity on the geotropic reaction of roots of Pisum sativum] Versl. Akad. wet. Amsterdam, Afd. natuurk., 1927, 36: pt 2, 925-9.—Crozier, W. J. On the geotropic orientation of Helix. J. Gen. Physiol., 1934-35, 18: 659-67. — On the geotropic response in Asterina. Ibid., 729-37. — On reversal of geotropism in Asterina. Ibid., 739-42. Also repr. — & Pincus, G. The geotropic conduct of young rats. Ibid., 1926-27, 10: 257-69. — Geotropic orientation of young rats. Ibid., 519-24. — Analysis of the geotropic orientation of young rats. Ibid., 1935, 19: 211-9. Also repr.—Haas, R. H. de [Relation between the geotropic curve and elasticity of the cell-wall] Versl. Akad. wet. Amsterdam, Afd. natuurk., 1928, 37: 292-4.—Hoagland, H., & Crozier, W. J. Geotropic excitation in Helix. J. Gen. Physiol., 1931, 15: 15-28.—Hovey, H. B. The nature of the apparent geotropism of young rats. Physiol. Zool., 1928, 1: 550-60.—Jost, L. Geotropismus bei Pflanzen. In Handb. norm. path. Physiol. (A. Bethe & G. von Bergman [et al.] Berl., 1926, 11: 1015-23.—Keeble, F., Nelson, M. G., & Snow, R. The integration of plant behavior; the effect of gravity on the growth of roots. Proc. R. Soc., Lond., 1931, 108: ser. B, 360-5. — The integration of plant behavior; geotropism and growth-substance. Ibid., 537-45.—Keeler, C. E. The geotropic reaction of rootless mice in light and in darkness. J. Gen. Physiol., 1927-28, 11: 361-8.—Lataste, F. Le géotropisme des plantes, la symétrie des êtres vivants et le principe des conditions d'existence. C. reSoc.nd. biol., 1926, 94: 28-30.—Navez, A. E., & Robinson, T. W. Geotropic curvature of Avena

coleoptiles. J. Gen. Physiol., 1932, 16: 133-6.—**Piéron, H.** Sensibilité à la pesanteur, et réactions géotropiques chez les limaces; dissociation des lois d'excitation et des facteurs d'incitation réactionnelle. Ann. physiol., Par., 1928, 4: 44-63.—**Pincus, G.** Geotropic creeping of young rats. J. Gen. Physiol., 1926-27, 10: 525-32. Also repr. — & **Crozier, W. J.** On the geotropic response in young rats. Proc. Nat. Acad. Sc. U. S., 1929, 15: 581-6.—**Pranker, T. L.** Studies in the geotropism of the Pteridophyta; some effects of temperature on growth and geotropism in *Asplenium bulbiferum*. Proc. R. Soc., Lond., 1934-35, ser. B, 116: 479-93. — On rhythm in graviperception and reaction to gravity. Ibid., 1936, ser. B, 120: 126-41.—**Rose, M.** Inversion expérimentale du géotropisme de la racine principale du pois cultivé. C. rend. Soc. biol., 1930, 131: 939.—**Schneider, E.** Ueber die Gültigkeit des Sinusgesetzes für die geotropische Reizung von Avena-Koleoptilen bei kleinen Ablenkungswinkeln. Proc. Akad. wet. Amsterdam, sect. sc., 1925, 28: 426-31.—**Upton, M., & Stavsky, W. H.** The geotropic conduct of adult rats. J. Gen. Psychol., 1932, 6: 8-21.—**Weber, U.** Probleme des Geotropismus. Verh. Phys. med. Ges. Würzburg, 1926, n. F., 51: 14-7.—**Wolf, E.** Geotropism of Agriolimnax. J. Gen. Physiol., 1926-27, 10: 757-65. Also repr.

GEPPERT, Alfons, 1898- *Die Säuglings- und Kleinkinderfürsorge des Kreises Baden [Freiburg i. B.] 20p. 4 ch. 8° Karlsruhe [n. pub.] 1925.

GEPPERT, Else, 1901- *Der Wasserstoffwechsel im Klimakterium geprüft am Kauffmann'schen Diureseversuch [Frankfurt a. M.] 13p. 3 tab. 8° Karlsruhe [n. pub.] 1930.

GEPPERT, Karl, 1909- *Die Berufskrankheiten des Zahnarztes und ihre Prophylaxe. 36p. 8° Erlangen, M. Krahle, 1935.

GERAGHTY, E. Moreland 1893- See **Pope, Amy Elizabeth, & Geraghty, E. M.** Essentials of dietetics in health and disease [&c.] 3. ed. 727p. 8° N. Y., 1931.

GERAIN, André Georges, 1913- *Contribution à l'étude de l'anémie gravidique commune. 75p. 24cm. Par., Jouve, 1939.

GERALDES Leite, Joaquim José. *De cancro phagedenico e seu tratamento a proposito de dois casos observados na Clinica cirurgica da Escola medico-cirurgica de Lisboa. 61p. 8° Lisb., J. G. de Sousa Neves, 1866.

GERANIACEAE [and derivative]

See also Citral.

Gillot, P., & Parisot, A. M. Sur la composition chimique du Geranium silvaticum L. Congr. pharm. Liège (1934) 1935. 209-16.—**Sabatini, A., & Angla, B.** Contribution à la connaissance analytique des huiles essentielles; essences de géranium d'Algérie. Ann. falsif., Par., 1934, 27: No. 302. 70-81.—**Sone, Y.** Ueber die stopfende Wirkung von Geranium nepalense, Sweet., einem japanischen Volksmittel. Tohoku J. Exp. M., 1936, 29: 218-23.—**Toscano Rico, J.** Efficacité anti-helminthique du géranol. C. rend. Soc. biol., 1929. 102: 218-20.

GERANIALES.

See Euphorbiaceae; Geraniaceae; Linaceae; Myrrh; Rutaceae.

GERANT, Karl Heinz [Ernst Alwin] 1910- *Ueber die Lungenembolien und Lungeninfarkte der Medizinischen und der Chirurgischen Universitätsklinik Breslau in den Jahren 1923-33 [Breslau] 19p. 8° Liebau i. R., H. Hiltmann, 1936.

GERARD, Edmond, 1908- *L'actualité et les psychoses. 62p. 8° Par., Jouve & cie, 1935.

GERARD, Ernest, 1863-1935. See **Lenoire, Georges, & Gerard, E.** Formulaire et consultations médicales. 7. ed. 1044p. 12° Par., 1916. For biography see Bull. Acad. méd., Par., 1935, 3. ser., 114: 334 (Goris). Also J. pharm. chim., Par., 1935, 8. ser., 22: 480-6, portr. (F. Morvilles).

See also **Morvillez, Delaby, R.** [et al.] Manifestation à l'occasion du passage à l'honorariat du Professeur Ernest Gérard. Echo méd. nord, 1933, 37: 493-503.

GERARD, Henri Léon Georges, 1903- *Contribution à l'étude de la grippe cardiaque. 118p. 8° Par., G. Coquette, 1931.

GERARD, Jean, 1912- *Essai de synthèse des thérapeutiques de la névralgie sciatique essentielle. 39p. 24cm. Par., A. Lapied, 1939.

GERARD, John, 1545-1612. Herbal; the essence thereof distilled by Marcus Woodward, from the edition of Th. Johnson, 1636. xix, 303p. 8° Lond., G. Howe, 1927.

GERARD, L. A. Robert, 1904- *Les abcès du poumon guéris spontanément. 107p. 3 pl. 8° Par., M. Lac, 1933.

GERARD, Pierre, 1885- *Etude de l'action thérapeutique du formiate de thorium dans les infections intestinales. 56p. 8° Par., Jouve & cie, 1926.

GERARD, Pierre Louis, 1907- *Du traitement de la syphilis par les injections simultanées et prolongées, intramusculaires d'arsenic trivalent et de bismuth. 74p. 8° Par., M. Vigné, 1936.

GERARD, Robert, 1903- *La maladie des nouveau-nés [Alfort] 120p. 8° Par., Libr. M. Lac, 1931.

GERARD, Rolf. *Untersuchung über Grössenempfindungen bei binokularem und monokularem Sehen. 12p. 23½cm. Basel [n. pub.] 1937.

Also Zschr. Psychol. Physiol. Sinnesorg. 2. Abt., 1936-37, 67:

GERARD-MARCHANT, P. Lésions traumatiques du rachis dorso-lombaire. p.1727-82. 8° Par., 1937.

Traité chir. orthop. (Ombredanne) Par., 1937, 2:

GERASCH [Richard] Karl Oskar, 1910- *Der histologische Nachweis von Normalblei in Knochen von Haustieren [Leipzig] 11p. 8° Zeulenroda, A. Oberreuter, 1937.

GERATOLOGY.

See Age; Decadence; Growth; Involution.

GERATS, Wilhelm, 1905- *Untersuchungen über die Einwirkung von Atropin auf die Wasserabgabe bei normaler Haut. 16p. 8° Münch., Bayer, Dr, 1931.

GERAUD, Jean. De la sclérose en plaques; étude anatomo-clinique des formes aiguës; recherches expérimentales; essai thérapeutique (sérothérapie hémolytique) 2 p. l. 182p. illust. 8° Par., J. B. Baillière & Fis, 1933.

GERAUD, Louis Henri, 1909- *Une médication substitutive de l'iode le rhodanate de potassium. 56p. 8° Par., Impr. Studio, 1936.

GERAUDEL, Emile, 1873- Le mécanisme du cœur et ses anomalies; études anatomiques et électrocardiographiques. x, 285p. 8° Par., Masson & Co., 1928.

— The same. The mechanism of the heart and its anomalies; anatomical and electrocardiographic studies; transl. with an introduction by Louis Faugères Bishop. xx, 266p. 8° Lond., Baillière, Tindall & Cox, 1930.

GERBATSCH, Gerhard [Gottlob Wilhelm] 1900- *Die Notwendigkeit der Ovariectomie während der Schwangerschaft sowie ein Beitrag zu ihren Ergebnissen [Breslau] 15p. 8° Schweidnitz, R. Becker, 1925.

GERBAULET, Fritz, 1906- *In welchem Alter kommen die kongenitalen Hüftluxationen in der Berliner Orthopädischen Universitätsklinik erstmalig zur Untersuchung? [Berlin] 29p. 8° Charlottenb., Gebr. Hoffmann, 1936.

GERBER, Bruno Albert, 1907- *Ueber den Cholesteringehalt der roten Blutkörperchen beim hämolytischen Ikterus. 28p. 8° Weende, E. Pieper, 1935

GERBER, Carl W., 1910— *Zur Pathogenese der Bronchiektasen [Münster] 30p. 21cm. Berl., Neuland, 1935.

GERBER, Charles, 1865–1928. **Maurin, E.** [Nécrologie] Bull. sc. pharm., Par., 1929, 36: 414–28.

GERBER, Franz, 1909— *Zum Wesen, der Entstehung und Behandlung des chronischen Lungenabzesses [München] 38p. 8°. Würzb., R. Mayr, 1936.

GERBER, Frédéric. *Des gingivo-stomatites [Genève] 61p. 8°. Bienne, W. Gassmann, 1925.

GERBER, Hans, 1907— *Ueber einseitige (unilaterale) Dickdarmausschaltung [Berlin] 31p. 8°. Charlottenb., Gebr. Hoffmann, 1935.

GERBER, Harry Alfred, 1896— *The evaluation of the tetraiodophenolphthalein test in gall bladder pathology [Marquette Univ.] 19p. 4°. Milwaukee, 1930. Typewritten.

GERBER, Helga, 1907— *La réaction d'Aschheim-Zondek; son importance pour l'endocrinologie et le diagnostic des tumeurs. 107p. 8°. Par., Rev. Path. Comp., 1933.

GERBER, Johann [Georg] 1901— *Beitrag zur Kenntnis der Osteomyelitis der kurzen und platten Knochen: 12 Fälle von Calcaneusosteomyelitis [Leipzig] 55p. 8°. Leisnig, H. Ulrich, 1926.

GERBER, Léon, 1913— *Nos connaissances actuelles sur le centre régulateur de l'hématopoïèse. 71p. 24cm. Par., Pascal, 1940.

GERBER, Rolf [Sigurd] 1911— *Zur Vorgeschichte diabetischer Neuritiden. 40p. 22cm. Berl., R. Pfau, 1936.

GERBER, Walter, 1908— *In der Zahnheilkunde gebräuchliche Medikamente einschliesslich Zahnpflegemittel in ihren Beziehungen zu allergischen Hautreaktionen. 23p. 8°. Freib. i. B., R. Goldschagg, 1931.

GERBERGAS, David. *Fréquence des ramollissements cérébraux chez les hypertendus; contribution à l'étude des causes de l'hémiplégie. 23p. 8°. Genève, Impr. Commerce, 1930.

GERBERGAS, Zorachas. *Contribution à l'étude de la goutte; des cas de goutte traités à l'hôpital de Genève dans ces 34 dernières années. 27p. 8°. Genève, B. Schwabe & Co., 1934.

GERBER Products Co. More attractive vegetable dishes for toddlers. 22p. 8°. [Freemont, Mich., 193—]

GERBES, Werner, 1908— *Ueber die Behandlung der Blasenscheidenfisteln an der Frauenklinik der Universität Bonn in den Jahren 1915–35. 36p. 22cm. Bonn, H. Trapp, 1936.

GERBET, Michel, 1909— *Contribution à l'étude des gros reins chez l'enfant; à propos de 2 cas de sporotrichose rénale probable. 69p. 8°. Par., Vigot, frères, 1935.

GERBET-BOURGUINE, Jean, 1903— *Contribution à l'étude de l'épithélioma primitif de la trompe de Fallope. 60p. 8°. Par., A. Legrand, 1929.

GERBIER, Raoul, 1908— *Aspects cliniques des septicémies post-angineuses. 45p. 8°. Par., M. Vigné, 1936.

GERBILLIDAE.

Rall, U. M. [On the systematization of gerbils of the Volga-Ural sands (Mammalia, Gerbillidae)] Vest. mikrob., 1938–40, 17: 327–30. — [Introduction to the ecology of the gerbil, *Pallasiomys meridianus* Pall. (Mammalia, Glires) general remarks, dynamics of numbers and burrow activity] Ibid., 331–61.

GERBIS, Hermann [Ferdinand] 1883— Organisation des Rettungswesens in Fabriken

und Betrieben. 71p. pl. 8°. Berl., R. Hobbing, 1927.

Forms H. 6. Arbeit u. Gesundh. (O. Martineck)

— **KLINGE, E.** [et al.] Arbeit und Sport. 73p. 8°. Berl., J. Springer, 1931.

Forms Beiheft 21, Zbl. Gewerbehyg.

GERBIS, Hermann [Ferdinand] & KOENIG, Robert. Drucklufterkrankungen (Caissonkrankheiten) 196p. illust. diagr. 24cm. Lpz., G. Thieme, 1939.

Forms H. 35, Arbeit u. Gesundh. (O. Martineck)

GERBRACHT, Maria, 1913— *Aus den hinterlassenen Briefen des Münsteraner Arztes Christoph Ludwig Hoffmann [Münster] 75p. 21cm. Lengerich, Handelsdr., 1938.

GERBSCH, Rudolf, 1907— *Beitrag zur medikamentösen Behandlung der sogenannten Paradentose. 48p. 8°. Würzb., C. J. Becker, 1933.

GERCHATER, Gita, 1908— *Les chylothorax dans l'enfance. 70p. 8°. Par., L. Rodstein, 1937.

GERCHIK, Max. *Medizinische Erfahrungen der Amerikaner mit chemischen Kampfstoffen im Weltkrieg. 29p. 23cm. Bern, Friedli-Küng, 1939.

GERDES, Walther, 1901— *Versuch einer Wertung des klinischen und bakteriologischen Befundes von 358 Diphtheriekranken. 72p. 8°. Berl., R. Pfau, 1934.

GERDES-GOETZ [Albert Ferdinand] Thuisco, 1909— *Pseudoglioma retinae als Folge angeborener Missbildung [Heidelberg] 16p. 8°. Düsseld., G. H. Nolte, 1937.

GERDSCHIKOV, Ivan, 1904— *Ueber die Reticulozyten, deren Zahlenverhältnisse im kreisenden Blute, sowie in den blutbildenden Organen beim Meerschweinchen. 42p. 8° [Lpz., n. pub.] 1927.

GERDSEN, Gerhard, 1906— *Neurofibromatose mit Skelettveränderungen und scheinbarer Spaltbildung der Wirbelkörper [Berlin] 39p. 23½cm. Charlottenb., K. & R. Hoffmann, 1936.

GERDTS-RUPP, Elisabeth. Magische Vorstellungen und Bräuche der Araukaner im Spiegel Spanischer Quellen seit der Conquista. 167p. 23cm. Hamb., C. Behre, 1937.

GERDY, Pierre Nicolas, 1797–1856.

Genty, M. [Biography] Biogr. méd., Par., 1934, 8: No. 12, 65–80, 4 pl.

GERDY'S fracture.

See Tibia, Fracture.

GERE, Henri, 1912— *Contribution à l'étude radiographique de la lithiase sous-maxillaire; la sialographie. 55p. 25cm. Par., Vigot frères, 1938.

GERECHT, Kurt, 1909— *Ueber den Verlauf des weissen Blutbildes im Stangerbad. 17p. 22cm. Köln, J. Borowsky, 1935.

GEREMICCA, Michele, 1857–1920.

Cavara, F. [Biography] Boll. Soc. natur. Napoli, 1923, 2. ser., 14: 51–68, portr.

GERENDASI, Gerard, 1905— *Das Verhalten des schilddrüsenlosen Organismus bei der experimentellen Hydroxylaminvergiftung [Breslau] p.76–83. 8°. Berl., J. Springer, 1929.

Also Zschr. ges. exp. Med., 1929, 77:

GERENDASI, Joseph, 1907— *Der rachitische Kiefer und seine Deformierung durch die physiologische Funktion der Muskeln [Berlin] 32p. 8°. Baden, Vöhrnbach, 1933.

GERENSTEIN, G. B. Vvedenie v prakticheskuii psikhoterapii [Introduction to practi-

cal psychotherapy] 72p. 8°. Leningr., Prakt. med., 1927.

GEREST, François, 1912— *Syndromes douloureux épigastriques de l'adulte relevant d'un vice de position chronique de l'estomac; étude symptomatique, diagnostique et pathogénique. 128p. 5 pl. 25cm. Lyon, E. Vitte, 1939.

GEREWITZ, Herbert, 1909— *Untersuchungen über die Aetiologie der occipito-posterioren Lagen [Leipzig] 27p. 8°. Dortmund, Halbach, 1935.

GERFELDT, Ewald [Paul Adolf] 1891— Das Krankenhaus und seine Betriebsführung. viii, 110p. illust. 8°. Jena, G. Fischer, 1935.

— & **GERFELDT, H.** Aerztliche Berufskunde; ein Wegweiser durch das Rechts- und Wirtschaftsleben des Arztes. 109p. 8°. Berl., Deut. Ärzteschaft [1936]

GERFELDT, H.
See Gerfeldt, Ewald, & Gerfeldt, H. Aerztliche Berufskunde. 109p. 8°. Berl. [1936]

GERHARD, Hilde, 1904— *Zur Klinik des Nierenkarbunkels. 30p. 22cm. Bonn, H. Trapp, 1935.

GERHARD, Karl Ernst, 1912— *Kleine Beiträge zur Vestibularisprüfung. 32p. 8°. Würzb., Gebr. Memminger, 1936.

GERHARD, Paul, 1911— *Ueber atypische Fälle von Granuloma annulare [Marburg] 30p. 22½cm. Essen, Gemeinwohl, 1937.

GERHARD [Philipp Alfred] Erich, 1901— *Ueber die Möglichkeit einer Konzeption nach operativem Verschluss der Scheide (Mitteilung eines Falles von Schwangerschaft nach Colporrhaphia mediana) 38p. 8°. Würzb., C. J. Becker, 1927.

GERHARD, William Paul, 1854— Public comfort stations; their location, plan, construction, equipment and care; above-ground versus underground stations; financial consideration. [9]p. illust. 8°. N. Y., Civic Press [1917?]

GERHARD, William Wood, 1809-72.
Centenary of Gerhard's publication on typhus fever. Ann. M. Hist., 1937, 9: 280.—Middleton, W. S. [Biography] Ibid. 1935, 7: 1-18.—Torrey, R. G. [Biography] Month. Bull. Philadelphia Dep. Pub. Health, 1935, 8-11.

GERHARDS, Fritz, 1906— *Ueber Kalkgicht in Anlehnung an einen neuen Fall [Marburg] 36p. 8°. Walldorf, F. Lamade, 1931.

GERHARDS, Georg, 1899— *Ein Fall von Aspiration einer Zahnwurzel mit tödlichem Ausgang und seine gerichtlichen Folgen. 89p. 8°. Bonn, H. Trapp, 1926.

GERHARDS, Gustav, 1906— *Die Häufigkeit der Gonorrhoe festgestellt am Material der Ambulanz der Jahre 1927 bis 1930 [Kiel] 48p. 8°. Gütersloh, Thiele, 1933.

GERHARDS, Max, 1911— *Die Form der Hinterhörner im Luftbild der Hirnkammern. 22p. 8°. Würzb. [n. pub.] 1935.

GERHARDS, Peter, 1896— *Experimentelle Studien über den Einfluss der Thymektomie auf die Entwicklung des Hodens. 20p. 8°. Würzb., C. J. Becker, 1927.

GERHARDT, Carl Adolf Christian Jacob, 1833-1902.

Blumenfeld, F. [Biography] Zschr. Laryng., 1933, 24: 284-7.

GERHARDT, Joseph. A new method of curing diseases, immediately, simply, and radically. 16p. 8°. Wash., Buell & Blanchard, 1858.

GERHARDT, Margarethe, 1909— *Beitrag zur operativen Behandlung der spinalen Arachnitis. 59p. 8°. Bresl. [F. C. Vogel] 1936.
Also Deut. Zschr. Nerven., 1936, 140:

GERHARDT, Paul, 1898— *Ueber das Pneumothoraxexsudat; dargestellt auf Grund der vorliegenden Literatur und eigener Fälle. 13p. 8°. Königsb., J. Raabe, 1931.

GERHARDT, Paul, 1909— *Untersuchungen über die Gebissverhältnisse in Schlesien im 17. Jahrhundert [Breslau] 19p. 8°. Lengerich, Lenger. Handelsdr., 1936.

GERHARDT, Ulrich. Kloake und Begattungsorgane. p.267-350. 4°. Berl., 1933.
In Handb. vergl. Anat. (L. Bolz, E. Göppert [et al.] Berl., 1933, 6:

GERHARDT'S disease.

See Erythromelalgia.

GERHARDUS, Hermann, 1906— *Klinische und histologische Untersuchungen über die Einwirkung rein mechanischer Behandlung bei unspezifischen Gingivitis. 31p. 8°. Bonn, H. Trapp, 1932.

GERHARDY, Erich, 1901— *Ueber Ankylostomiasis mit besonderer Berücksichtigung eines Falles von Nekator Americanus. 20p. ch. 8°. Bonn, W. Werner, 1928.

GERHARTZ, Heinrich [Joseph Hubert] 1879— Multiple Sklerose und Tuberkulose. 48p. 8°. Lpz., J. A. Barth, 1935.
Forms H. 58, Tuberk. Bibl., Lpz.

GERHOLD, Hans, 1907— *Ueber die Struktur von Uterus-Myomen bei Hunden. 23p. 5 pl. 8°. Giessen [Eckoldt] 1932.

GERIATRICS.

See Age, Diseases.

GERICHTLICHE (Die) Obduktion nach den in Preussen geltenden gesetzlichen Bestimmungen und dem neuen Regulativ vom 15. November 1858; Handbuch für praktische Juristen. viii, 64p. 8°. Berl., T. C. F. Enslin, 1859.

GERICKE, Gustav Adolf, 1902— *Der Begriff Krankheit im Militär- und im Kranken- und Unfallversicherungsgesetz [Zürich] x, 81p. 8°. [Lachen, A. Kessler] 1927.

GERICKE, Hans, 1905— *Zahnfrakturen in der Alveole und ihre Heilungsmöglichkeit. 20p. 2 l. 8°. Kiel, Schmidt & Klauig, 1932.

GERICKE, Werner, 1905— *Versuch einer chirurgisch-therapeutischen Beeinflussung des künstlichen arteriellen Hochdrucks im Experiment [Berlin] 43p. 8°. Finsterwalde, R. Espenhahn, 1929.

GERIG, Hans, 1910— *Beitrag zur Histologie der sogenannten kolbenförmigen Fortsätze an der Schmelzdehtingrenze. 16p. 8°. Würzb., Pilger-Druck., 1935.

GERIG, Karl Heinz, 1912— *Physikalische und chemische Eigenschaften des Unterfütterungsmaterials Plax zur Feststellung seiner Brauchbarkeit in der zahnärztlichen Prothetik, unter besonderer Berücksichtigung seiner Verwendungsmöglichkeit zur Herstellung von Saugventilrandprothesen. 39p. pl. 22½cm. Freib. i. B., Weis, Mühlhans & Rappke, 1937.

GERIGK, Benno, 1911— *Beeinflussung von Gelbkeimen mittels Fliegenpassagen [Königsberg] 23p. 21cm. Stallupöhnen, H. Klutke, 1938.

GERIGK, Heinz, 1902— *Gefäßwandschädigung als Blutungsursache bei der Werlhof'schen Krankheit. 23p. 8°. Berl., E. Ebering, 1928.

GERIGK, Paula, 1908— *Ueber einen Fall von Zenkerscher Muskeldegeneration nach Angina und Gelenkrheumatismus. 17p. 20½cm. Königsb., J. Raabe, 1937.

GERIKE, Peter, 1713–50. *De studio novitatis in medicina. 28p. 19cm. Altdorf, M. D. Meyer [1721]

Forms No. 3 in P. v. Altdorf theses pt 1.

GERIN-JEAN, Charles Hyacinthe, 1914–

*Les crises de rétention aiguë dans les reins mobiles. 62p. 25cm. Bord., Bière, 1938.

GERING, Walter, 1906– *Ueber die zahnärztlichen Massnahmen bei der Behandlung der Mikrogenie [München] 44p. 8° Stuttg., J. Schmidt, 1932.

GERIOLA, F.

See Antognetti, L., & Geriola, F. Semeiologia ormonica, chimica e biologica. 441p. 8° Roma, 1936.

GERKE, Otto, 1878– Gasteiner Badebüchlein; eine historische-medizinische Studie. viii, 162p. illust. pl. tab. 16° Wien, W. Braumüller, 1936.

GERKEN, Else, 1907– *Beobachtungen über die Wirkung von Doryl auf den Magendarmkanal des Menschen. 15p. 23cm. Lpz., A. Edelmann, 1936.

GERKEN, Ernst, 1906– *Das Schicksal der wegen Aktinomykose behandelten Fälle [Kiel] 25p. 8° Quakenbrück, C. Trute, 1931.

GERKHARDT, Friedrich Wilhelm, 1911–

*Ueber die Geschwülste des quergestreiften Muskelgewebes mit zwei eigenen Fällen [Heidelberg] 36p. 21cm. Ochsenfurt, Fritz & Rappert, 1936.

GERLACH. Die Organisation des Luftschutzes für Lazarette (Brisanz-, Brand- und Gaswirkung) 63p. ch. 8° Berl. [n. pub.] 1934.

Forms H. 94, Veröff. Heer. San.

GERLACH, Doris, 1912– *Ueber den muskulären Schiefhals [Jena] 28p. 8° Würzb., K. Triltsch, 1935.

GERLACH, Ernst, 1906– *Experimentelle Studien über die Einwirkung von Diät auf den Heilungsverlauf von künstlich gesetzten Infektionen. 31p. 8° Rostock, Winterberg, 1931.

GERLACH, Ernst Walter Kurt, 1889– *Die Ergebnisse der blutigen Frakturbehandlung nach Lane. 28p. 8° Berl., E. Ebering, 1926.

GERLACH, F.

See Kraus, Rudolf, Gerlach, F., & Schweinberg, F. Lyssa bei Mensch und Tier. 464p. 8° Berl., 1926.

GERLACH, Friedrich, 1912– *Bleivergiftung bei Kindern [Berlin] 35p. 21cm. Lengerich, Handelsdr., 1938.

GERLACH, Fritz, 1906– *Indikationen und Ergebnisse der Zangenoperationen in der häuslichen Geburtshilfe (Jahre 1926–28 der geburtshilflichen Poliklinik der Universitäts-Frauenklinik Berlin) [Berlin] 32p. 8° Charlottenb., Gebr. Hoffmann, 1931.

GERLACH, Fritz, 1908– *Das postmortale Absinken der Blutkörperchen innerhalb der Lungen [Halle] 44p. 21cm. Jena, G. Neuenhahn, 1938.

GERLACH, Fritz, 1909– *Nierensteine und Schwangerschaft [München] 19p. 8° Bleicherode, C. Nieft, 1935.

GERLACH, Günther, 1901– *Kritische Beiträge zur Nierenfunktionsprüfung nach Pregl und von Haberer. 39p. 8° Rostock, Adlers Erben, 1928.

GERLACH, Hanns, 1906– *Experimenteller Beitrag zur Giftigkeit von Lokalanästhetika bei der Blasen- und Harnröhrenbetäubung. 28p. 8° Königsb., Ostpr. Dr. & Verl. Anst., 1933.

GERLACH, Hans, 1901– *Altersveränderungen am Zahnbein; die Kalziumverteilung

im Zahnbein und ihre Verschiebung mit zunehmendem Alter. p.481–96. 8° Kiel [n. pub.] 1929.

Also Morph. Jahrb., 1930, 65:

— Thermo-volumetrische Untersuchungen an Einbettungsmassen im zahnärztlichen Gussverfahren. 4, 78p. illust. 8° Lpz., H. Meusser, 1935.

— Der Stiftzahn; Klinik und Technik des stiftverankerten Kronenersatzes. vii, 108p. illust. 8° Lpz., H. Meusser, 1936.

— Die Unterfütterung von Kautschuk- und Metallprothesen. 89p. illust. 8° Münch., J. F. Lehmann, 1937.

— Neue deutsche Werkstoffe in der Zahnheilkunde; klinische Anwendung und technische Verarbeitung bewährter Austauschstoffe. 168p. 8° Lpz., H. Meusser, 1938.

Forms H. 35, Abb. klin. Zahnh.

GERLACH, Hans. Die Schwerhörigkeit; ihre Beurteilung und Besserung in wissenschaftlicher und allgemeinverständlicher Darstellung. viii, 121p. 14 illust. 8° Lpz., C. Kabitzsch, 1932.

GERLACH, Hans Joachim, 1912– *Ein seltener Fall angeborener multipler Missbildungen und seine Beziehung zum Gesetz zur Verhütung erbkranken Nachwuchses (Fibuladefekt, Klumpffuss, Spalthand) 23p. 8° Rostock, G. Neumann, 1936.

GERLACH, Herbert, 1902– *Der Ureter duplex [Berlin] 44p. 8° Charlottenb., Gebr. Hoffmann, 1930.

GERLACH, Joachim, 1908– *Ueber das Gehirn von Protopterus annectens; ein Beitrag zur Morphologie des Dipnoerhirnes [Breslau] p.310–407. 8° Weimar, R. Wagner Sohn, 1933.

Also Anat. Anz., 1933, 75:

GERLACH, Lydia, 1905– *Zwei Fälle von Chorio-Retinitis exsudativa Coats. 18p. 8° Kiel [n. pub.] 1930.

GERLACH, Paul, 1908– *Statistisches zur Symptomatologie des Ulcus ventriculi et duodeni. 15p. 8° Würzb., R. Mayr, 1935.

GERLACH, Richard, 1911– *Bulbocapnin und seine Anwendung in Combination mit der intravenösen Chloralhydratnarkose und der intravenösen Avertinnarkose beim Hund. 71p. 21cm. Lpz., A. Edelmann, 1936.

GERLACH, Rolf [Kurt] 1912– *Verlauf und Vorkommen der Gefässlues in München. 22p. 8° [Münch., n. pub.] 1936.

GERLACH, Walter, 1904– *Untersuchungen zur Frage der Dermatitis praecancerosa Bowen. 39p. 8° Rostock, Adler, 1932.

GERLACH, Walther, 1889–, & **GERLACH, Werner.** Die chemische Emissions-Spektralanalyse. 2. Teil: Anwendung in Medizin, Chemie, und Mineralogie. viii, 191p. illust. 8° Lpz., L. Voss, 1933.

— The same. Clinical and pathological applications of spectrum analysis, with notes on spectrography in chemistry and mineralogy, and tables for qualitative analysis, being the authorised translation of Pt 2 of Die chemische Emissionsspektralanalyse, by Joyce Hilger Twyman. 143p. illust. diagrs. 8° Lond., A. Hilger, 1934.

GERLACH, Walther, & SCHWEITZER, Eugen. Die chemische Emissions-Spektralanalyse; 1. Teil: Grundlagen und Methoden. vi, 120p. illust. 8° Lpz., L. Voss, 1930.

— The same. Foundations and methods of chemical analysis by the emission spectrum; transl. from the German. 123p. illust. diagrs. 8° Lond., A. Hilger [1930?]

GERLACH, Walther, 1910— *Die Strahlentherapie der Syringomyelie, der Tabes dorsalis und der multiplen Sklerose unter besonderer Berücksichtigung der in der chirurgischen Klinik der Universität Freiburg i. Br. bestrahlten Fälle [Freiburg] 79p. 22½cm. Berl., H. Michel, 1934.

GERLACH, Werner, 1891—
See Fischer, Walter, Gerlach, W. [et al.] Verdauungsdrüsen [&c.] 950p. 8° Berl., 1929. Also Gerlach, Walther, & Gerlach, Werner. Die chemische Emissions-Spektralanalyse. 2. Teil: Anwendung in Medizin, Chemie, und Mineralogie. 191p. 8° Lpz., 1933. ——— Clinical and pathological applications of spectrum analysis. 143p. 8° Lond., 1934.

GERLACH, Werner, 1903— *Beitrag zur Frage der Kielland-Zange unter besonderer Berücksichtigung des hohen Geradstandes [Leipzig] 51p. 8° [Zeulenroda, i. Thür., A. Oberreuter] 1931.

GERLAND [Anton Werner Ernst] 1838— Geschichte der Physik. 3 l. 356p. illust. 16° Lpz., J. J. Weber, 1892.

GERLICH, Fritz. Die stigmatisierte Therese Neumann von Konnersreuth. 2v. xvi, 323p.; xi, 405p. pl. 8° Münch., J. Kösel & F. Pustet, 1929.

GERLIER, Félix, 1840-1914.
[Biography] Brit. M. J., 1940, 2: 233.

GERLIER'S disease.

See under Vertigo.

GERLING, C. J. [pseud.] Short stature and height increase. 159p. illust. 21cm. N. Y., Harvest House, 1939.

GERLING, Friedrich, 1908— *Ueber Makrulie. p.522-39. 8° Berl [n. pub.] 1933.
Also Virchows Arch., 1933, 291:

GERLING [Hugo] Walther, 1900— *Welche Druckwerte sollen und dürfen wir bei der Pneumothorax-Therapie der Lungentuberculose anwenden? 119p. 8° Freib. i. B., K. Henn, 1926.

GERLING, Reinhold, 1863— Handbuch der hypnotischen Suggestion; Anleitung zur Erteilung von Heil- und Erziehungs-Suggestionen aus der Praxis für die Praxis. 4. Aufl., herausg. von Jacques Groll. 266p. 8° Lpz., A. Strauch [1909]

— Die Gymnastik des Willens; Praktische Anleitung zur Erhöhung der Energie und Selbstbeherrschung, Kräftigung von Gedächtnis und Arbeitslust durch Stärkung der Willenskraft ohne fremde Hilfe. 4. Aufl. [6 l.] 207p. 8° Oranienburg, W. Möller [1918]

GERLING, Werner, 1910— *Untersuchungen und statistische Feststellungen über Zahn- und Mundverhältnisse bei den höheren Knabenschulen Dortmunds. 15p. ch. 21cm. [Münster, n. pub.] 1937.

GERLINGER, Henri. Manuel des gaz de combat. viii, 74p. 8° Strasb., Libr. Mésange, 1935.

GERLINGHOFF, Dora [Dorothea] 1896— *Beiträge zur Lehre vom Epignathus [Freiburg i. B.] 17p. 8° Münch., J. F. Bergmann [1928]
Also Frankf. Zschr. Path., 1928, 36: 1-17.

GERLINGHOFF, Paula, 1901— *Osteochondritis dissecans des Kniegelenks nach Funktion [Berlin] 22p. 8° Rostock, C. Hinstorff, 1932.

GERLOCZY, Zsigmond, 1863-1937.
Grosch, K. [Obituary] Népegézségügy, 1937, 18: 877.— Melly, J. [Obituary] Orv. hetil., 1937, 81: 974.

GERLOF, Ernst, 1907— *Parotitis purulenta. 26p. 8° Kiel, H. Schmidt, 1932.

GERLOFF, Klaus, 1902— *Zur Frage der Tonsillotomie im Kindesalter; auf Grund von Nachuntersuchungen an 110 tonsillotomierten

Kindern [Königsberg] p.255-64. 8° Lpz., C. Kabitzsch, 1933.

Also Zschr. Laryng., 1933, 24:

GERMAIN, Jacques, 1912— *L'interruption volontaire du pneumothorax artificiel efficace. 75p. 8° Lyon, Bosc frères, 1936.

GERMAIN, Paul, 1910— *Treize observations d'hématome du sterno-cleidomastoïdien chez des nourrissons. 45p. pl. 25½cm. Lyon, Bosc frères, 1938.

GERMAIN, Pierre Paul Henri, 1913— *Contribution à l'étude du traitement des diarrhées infantiles par le sulfate d'hordénine. 69p. 24cm. Par., A. Lapiéd, 1939.

GERMAIN, Raymond Jean, 1906— *Etude clinique et bactériologique des pleurésies gonococciques. 60p. 8° Par., L. Arnette, 1931.

— The same. 4 p. l. 60p. 8° Par., L. Arnette, 1931.

GERMAIN, Roger, 1914— *Etude sur la protection et la récupération des denrées alimentaires en temps de guerre. 39p. 23½cm. Par., A. Lapiéd, 1939.

GERMAN, Jakob. *Untersuchungen über die Schwankungen der Wasserstoffionenkonzentration des Blutes und des Blutnatriums unter verschiedenen Bedingungen [Basel] 26p. 8° Mulhouse, A. Knecht, 1928.

GERMAN, Paul, 1915— *Contribution à l'étude des perforations utérines; une observation de perforation utérine criminelle et latente. 36p. 25½cm. Par., Vigot frères, 1939.

GERMAN Hospital.

See Philadelphia, Pa.

GERMAN Hospital and Dispensary.

See New York, N. Y.

GERMANIN.

See also under names of diseases as Dermatitis (exfoliative; herpeticiformis) Lichen; Pemphigus; Trypanisoma, &c.

Bayer (Le) 205. Rev. méd., Louvain, 1925, 26-9.—Bonsmann, M. R. Ueber Bayer 205. Deut. med. Wschr., 1923, 49: 672.—Collier, W. A. Zur Biochemie von Bayer 205. Zschr. ges. exp. Med., 1927, 54: 606-12.—Fourneau, E. Représentation cinématographique d'une synthèse chimique (série du 205 Bayer) Bull. Acad. méd., Par., 1924, 3. ser., 91: 458-61. ——— Tréfouel, J. [et al.] Recherches de chimiothérapie dans la série du 205 Bayer; urées des acides aminobenzoylaminonaphtaléniques. Ann. Inst. Pasteur, Par., 1924, 38: 81-114.—Freund, R. Zum biologischen Nachweis von Bayer 205 im Organismus. Deut. med. Wschr., 1925, 51: 861.—Hartnack, H. Bayer 205 [Naganol] Vet. Med., Chic., 1925, 20: 143.—Heymann, B. Ueber chemotherapeutisch wirksame organische Verbindungen, insbesondere Bayer 205 oder Germanin. Apothekerzeitung, 1924, 39: 1204.—Kleine, F. K. Ueber meine Reise nach Afrika zur Prüfung von Bayer 205. Med. Klin., Berl., 1924, 20: 367-9. ——— & Fischer, W. Bericht über die Prüfung von Bayer 205 in Afrika. Deut. med. Wschr., 1923, 49: 1039-41.—Kolle, W., & Bauer, H. Untersuchungen über Verbindungen aus der Gruppe des Germanins (Bayer 205) Klin. Wschr., 1926, 5: 1850.—Lange, L., & Kersten, H. E. Weitere Untersuchungen über Bayer 205. Zbl. Bakt., 1. Abt., 1923-24, 91: Orig., 233-30.—Mayer, M. Ueber das neue Trypanosomenheilmittel Bayer 205 und seine Bedeutung für die chemotherapeutische Forschung. Verh. Ges. deut. Naturforsch. (1922) 1923, 87: 299-307.—Sei, S. Ueber den Nachweis von Bayer 205 in den Organen behandelter Tiere. Arch. Schiffs Tropenhyg., 1923, 27: 257-68.—Stenis, O. van. El 205 de Bayer; revista científica. Rev. med. cir., Caracas, 1923-24, 7: 212.—Steppuhn, O., & Utkin-Ljubowzow, X. Eine quantitative Methode zur Bestimmung von Bayer 205 in Serum, Harn und Gewebe. Klin. Wschr., 1924, 3: 154.—Steppuhn, O., Zeiss, H., & Brychenko, S. Biochemische Untersuchungen über Bayer 205. Arch. Schiffs Tropenhyg., 1923, 27: 206-10.—Weichbrodt, R. Bayer 205. Berl. klin. Wschr., 1921, 58: 34.—Zeiss, H., & Utkina-Ljubovzeva, X. Weitere Untersuchungen über den Nachweis von Germanin (Bayer 205) im tierischen Organismus. Zschr. Immunforsch., 1930, 68: 170-81.

Pharmacology.

KOSTAKOW, S. C. *Die Wirkung von Bayer 205 auf den Wasser- und Kochsalzstoffwechsel. 11p. 8° [Freib. i. B.] 1929.

SCHNIZLEIN, G. *Ueber einen Fall von Exanthem nach Germaninbehandlung und über Germanin-Schädigungen im allgemeinen [Erlangen] 16p. 8° Neustadt-Aisch, 1935.

VOGL, L. *Klinische Erfahrungen mit Germanin bei Pemphigus, Lichen ruber planus und Dermatitis herpetiformis Duhring [München] 28p. 8° Würzb., 1936.

Arnaud, R. Au sujet du moranyl; 2 opérations de moranylation, dans le Moyen-Congo. Bull. Soc. path. exot., Par., 1929, 22: 872-80.—Bennett, S. C. J. Toleration of Naganol (Bayer 205) by horses. J. Comp. Path., Lond., 1936, 49: 304-9.—Boursnell, J. C., & Wormall, A. Studies on Bayer 205 (Germanin) and antypol; the retention of the drug in the animal body. Biochem. J., Lond., 1939, 33: 1191-200.—& Dangerfield, W. G. Studies on Bayer 205 (germanin) and antypol; further observations on the method of determination and on the retention of this drug in the animal body. Ibid., 81-9.—Collier, W. A. Die Beeinflussung des anaphylaktischen Schocks durch Bayerkorper (Germanin) Zschr. Immunforsch., 1927, 52: 191-201.—Corson, J. F. The action of Bayer 205 on Trypanosoma rhodesiense in white rats infected by tsetse-flies. Ann. Trop. M. Parasit., Liverp., 1934, 28: 535-47.—Dios, R. L. Ensayos del tratamiento preventivo y curativo con Bayer 205. An. Dep. nac. hig., B. Air., 1924, 30: No. 2, 134-8.—Duncan, J. T., & Manson-Bahr, P. H. The action of Bayer 205 on the tissues in fatal cases of kala-azar and trypanosomiasis. Tr. R. Soc. Trop. M. Hyg., Lond., 1923-24, 17: 392-400, pl.—Dvolazkaja-Barysheva, K. M. Das Germanin als Antagonist des anaphylaktischen Schocks. Zschr. Immunforsch., 1928, 58: 532-43.—Fröhlich, A., & Zak, E. Die Kreislaufwirkung des Germanin. Arch. exp. Path., Berl., 1937, 185: 267-76.—Fürth, O., Scholl, R., & Herrmann, H. Ueber die Einwirkung des Germanins (Bayer 205) auf die Milchsäurebildung. Wien. klin. Wschr., 1932, 45: 1012-5.—Gertler, W. Eklamptische Urämie nach Verabreichung von Germanin bei chronischem Pemphigus. Samml. Vergift., 1939, ser. A, 10: 93-6.—Goldie, H. Influence des composés de la série du moranyl et de leur matière première sur la structure des colloïdes. C. rend. Soc. biol., 1935, 118: 38-42.—Influence des composés de la série du moranyl et de leur matière première sur la toxine diphtérique. Ibid., 42-5.—Influence des composés de la série du moranyl sur la coagulation du sang. Ibid., 119: 1409-12.—Hawking, F. Contribution on the mode of action of germanin (Bayer 205) Ann. Trop. M. Parasit., Liverp., 1939, 33: 13-9.—Issekutz, B. Beiträge zur Wirkung des Germanins. Arch. exp. Path., Berl., 1933, 173: 479; 499.—Jirovec, O., & Kocián, V. Ueber die Schutzwirkung von Bayer 205 auf einige Eiweißstoffe. Biochem. Zschr., 1930, 22: 27-40.—Kaswin, A. Action du moranyl sur les surrénales et l'excitabilité du splanchique. C. rend. Soc. biol., 1937, 125: 947-9.—Klein, P. [Effect of germanin on immunization] Bratisl. lek. listy, 1936, 16: 78-81.—Kocián, V. Ueber die Schutzwirkung des Germanins (Bayer 205) auf die Koagulation der Blutweißstoffe. Arch. exp. Path., Berl., 1936, 182: 313-6.—Kolmer, J. A. A note on the trypanocidal and spirocheticidal activity of Bayer 205 (Germanin) Am. J. Syph., 1930, 14: 320-5.—Kritschewski, I. L., & Kaganova, S. S. Zur Frage der antimutativen Wirkung des Germanins. Zschr. Immunforsch., 1929, 61: 478-85.—Lang, K. Ueber das Verhalten des Germanins im Organismus. Arch. exp. Path., Berl., 1931, 160: 560-8.—Launo, L., & Priour, M. Premiers résultats relatifs à l'étude du mécanisme de l'action trypanocide du 205 Bayer, 309 Fournau. C. rend. Soc. biol., 1930, 103: 478-81.—Makarowa, J., & Zeiss, H. Kolloidchemische Bindungsreaktionen von Germanin an Eiweißkomplexe; Bayer 205 im Toxin-Antitoxin- und Anaphylaxieversuch. Zschr. Immunforsch., 1926, 47: 110-5.—Mandel, J. A., & Steudel, H. Ueber den Wirkungsmechanismus chemotherapeutischer Mittel. Zschr. physiol. Chem., 1926, 160: 91-5.—Nowosselsky, W. A. Kolloidchemische Bindungsreaktionen von Germanin an Eiweißkomplexe; über die Einwirkung von Bayer 205 auf die Proteinkomponenten des hämolytischen Systems. Zschr. Immunforsch., 1930, 68: 328-41.—Roehl, W. Ueber die Wirkungsweise von Stoffen aus der Reihe des Bayer 205. Arch. Schiffs Tropenhyg., 1926, 30: Beih. 1, 103-11.—Schmidt, H. Ueber einige biologische Eigenschaften von Germanin (Bayer 205) Zschr. Immunforsch., 1925-26, 45: 496-506.—Sei, S. Ueber den Einfluss von Bayer 205 auf das Blut. Arch. Schiffs Tropenhyg., 1923, 27: 130-42.—Beitrag zur prophylaktischen Wirkung von Bayer 205. Ibid., 384.—Stuber, B., & Lang, K. Ueber den Einfluss des Germanins auf das Blutgerinnungssystem unter spezieller Berücksichtigung seiner prophylaktischen und therapeutischen Verwendung bei Thrombosen. Arch. exp. Path., Lpz., 1930, 154: 41-9.—Tiling, W. Die Germaninbehandlung der Dermatit exfoliativa und des Pemphigus neonatorum. Deut. med. Wschr., 1936, 62: 1708-11.—Tsin Sung Kiang. Ueber die Bildung spezifischer Antikörper durch die Behandlung mit Bayer 205 (Germanin) Arch. Schiffs Tropenhyg., 1925, 29: 572-88.—Van den Branden, F. [Toxicity test of germanine, Bayer 205, and similar products, 309 Fournau of moranyl, belganyl. Ann. Soc. belge méd. trop., 1940, 20: 91.—Zunz, E., & Iagnov, S. A propos de l'action anticoagulante de la germanine et du moranyl in vitro. C. rend. Soc. biol., 1933, 112: 1218-20.

GERMANIUM [and compounds]

MOREY, G. H. *Nitrogen compounds of germanium; equilibrium in the system Ge-NH₃-Ge₃N₄-H₂; the dissociation of germanic nitride; germanous imide. 15p. 8° Chic., 1932.

Baxter, G. P., & Cooper, W. C., jr. A revision of the atomic weight of germanium. J. Phys. Chem., 1924, 28: 1049.—Coase, S. A. The determination of small quantities of germanium in the presence of arsenic. Analyst, Lond., 1934, 59: 462-5.—Davies, G. R., & Morgan, G. The gravimetric determination of germanium. Ibid., 1938, 63: 388-97.—Geddes, R. L., & Mack, E., jr. The thermal decomposition of gaseous germanium tetraethyl. J. Am. Chem. Soc., 1930, 52: 4372-80.—Geilmann, W., & Brünger, K. Ueber die Aufnahme von Germanium durch Pflanzen. Biochem. Zschr., 1934-35, 275: 387-95.—Der Nachweis und die Bestimmung von Germanium in organischen Stoffen. Ibid., 375-86.—Goldschmidt, V. M. Ueber das kristallochemische und geochemische Verhalten des Germaniums. Naturwissenschaften, 1926, 14: 295-7.—Gulezian, C. E., & Müller, J. H. The conductivity of solutions of germanic oxide. J. Am. Chem. Soc., 1932, 54: 3142-50.—The conductivity and degree of hydrolysis of sodium bigermanate and the primary dissociation constant of germanic acid. Ibid., 3151-8.—Hau, R. R., & Harkins, W. D. The Raman spectrum of germanium tetrachloride. Ibid., 1917-20.—Hogness, T. R., & Johnson, W. C. The catalytic decomposition of germane. Ibid., 3583-7.—Nitrogen compounds of germanium; equilibrium in the system Ge-NH₃-Ge₃N₄-H₂; the dissociation of germanic nitride. Ibid., 3603-6.—Tchakirian, A. Sur les analogues du carbone et du germanium. Bull. Soc. chim. France, 1932, 4, ser., 51: 52: 846-50.

Pharmacology.

Bailey, G. H., Davidson, P. B., & Bunting, C. H. The effect of germanium dioxide on the rabbit. J. Am. M. Ass., 1925, 84: 1722-4.—Hammett, F. S. Ueber die angebliche blutbildende Wirkung des Germaniumdioxides. Klin. Wschr., 1926, 5: 1427 [Erwiderung von W. Keil 1428.—Hueper, W. C. Effects of overdoses of germanium dioxide upon the blood and tissues of rabbits. Am. J. M. Sc., 1931, 181: 820-30, pl. Also repr.—Keeser, I. Beitrag zur Pharmakologie der Germaniumverbindungen. Arch. exp. Path., Lpz., 1926, 113: 232-6.—Keil, W. Ueber die angebliche blutbildende Wirkung des Germaniumdioxids. Klin. Wschr., 1926, 5: 62.—Messner, J. Zur Einführung des Germaniums in die Therapie. Apothekerzeitung, 1925, 40: 976.—Muller, J. H. Toxicity of several allotropic modifications of germanic oxide. J. Pharm. Exp. Ther., 1931, 42: 277-97.—Rothermundt, M., & Burschies, K. Ueber die Bedeutung des Germaniums für die Chemotherapie. Zschr. Immunforsch., 1936, 87: 445-8.

GERMANN, Jakob 1902—*Die röntgenologische Kontrolle von Wurzelfüllungen in der Privatpraxis. 22p. 8° Tüb., E. Göbel, 1933.

GERMAN measles.

See Rubella.

GERMANO S. Correia, Alberto C. Prostituição e profilaxia anti-venérea; história, demografia, etnografia, higiene e profilaxia. 404p. 8° Bastora, India Portuguesa, Rangel, 1938.

GERMANY. Three opinions on the [Polish] Corridor. 1 double map. 1939.

GERMANY. Akademie der Naturforscher.

See under. Halle.

[GERMANY] Allgemeine ärztliche Gesellschaft für Psychotherapie.

See Zentralblatt für Psychotherapie.

[GERMANY] Bund der Deutschen. Abt. Bevölkerungspolitik. Neuere Fragen der Erbiologie; 5 Vorträge. 55p. 3 diagr. 23cm. Teplitz-Schönau, Wächter, 1938.

[GERMANY] Deutsche Naturforscher und Aerzte. Festschrift zur 74. Versammlung. vii, 815p. 210 pl. 4° Karlsbad, 1902.

See also Münster. Medizinisch Naturwissenschaftliche Gesellschaft. Festschrift gewidmet den Teilnehmern der 84. Versammlung Deutscher Naturforscher und Aerzte in Münster i. Westf. 413p. 4° Münst., 1912.

Also Böhne, N. Nationale und sozialpolitische Regungen auf den Versammlungen Deutscher Naturforscher und Aerzte bis zum Revolutionsjahr 1848. Sudhoffs Arch., 1934-35, 27: 87-130.—Convention of German physicians and scientists [Berlin] J. Am. M. Ass., 1937, 108: 130.—Pincus, L. Hundertjahrfeier Deutscher Naturforscher und Aerzte, Leipzig, 17. bis 24. September 1922. Fortsch. Med., 1922, 40: 605.—Pulay, E. Versammlung Deutscher Naturforscher und Aerzte in Leipzig. Wien. med. Wschr., 1923, 73: 32-4.—Schwalbe, J.

Die Karlsruher Naturforscherversammlung im Jahre 1858. Deut. med. Wschr., 1911, 37: 1757-60.—Strümpell, A. Begrüßungsrede bei der Eröffnung der Hundertjahrfeier der Gesellschaft deutscher Naturforscher und Aerzte. Ibid., 1922, 48: 1423.

[GERMANY] Deutscher Aertzetag. Festschrift zum 46. jährigen Aertzetag. 3 p. l. 219p. 8°. Würzb., H. Stürtz, 1928.

[GERMANY] Deutsch-nordische Gesellschaft für Geschichte der Medizin, der Zahnheilkunde und der Naturwissenschaften. Arbeiten. Greifsw., H. 14, 1936.

[GERMANY] Fachtärzte für die Bekämpfung der Aufzuchtkrankheiten. 9. Tagung, Salzburg, Sept. 1-5, 1938. Bekämpfung der Aufzuchtkrankheiten. 360p. illust. 23½cm. Hannover M. & H. Schaper, 1939.

[GERMANY] Gesellschaft für experimentelle Psychologie.

See [Germany] Kongress für experimentelle Psychologie 8. Kongr.

[GERMANY] Gesellschaft für Geschichte und Literatur der Veterinärmedizin.

See Cheiron; veterinärhistorisches Jahrbuch. 184p. 23cm. Lpz., 1936.

[GERMANY] Gesellschaft für Geschichte der Pharmazie. Die Vorträge der Hauptversammlung der Gesellschaft für Geschichte der Pharmazie, Stuttgart, 16. bis 18. Juni 1936. vi, 54p. illust. port. 8°. Mittenwald, A. Nemayer [1936]

GERMANY. Gutachterausschuss für das öffentliche Krankenhauswesen. Richtlinien für den Bau und Betrieb von Krankenanstalten. 4 p. l. 193p. 22½cm. Stuttg., W. Kohlhammer, 1937.

GERMANY. Kaiserliches Gesundheitsamt.

See under Germany. Reichsgesundheitsamt.

GERMANY. Königlich-Preussisches Kriegsministerium. Beschreibung der Garnison Bremen; vom Standpunkt der Gesundheitspflege aus aufgestellt. viii, 210p. 43 pl. 8 tab. 2 Suppl. 8°. Berl., E. S. Mittler & Sohn, 1903.

Forms 7. Bd. Garnisonbeschreibungen. Berl., 1903.

GERMANY. Kommission für den Gesamtkatalog der Wiegendrucke. Gesamtkatalog. Lpz., v.1, 1925—

[GERMANY] Kongress für experimentelle Psychologie. 8. Kongr., Leipzig, April 18-21, 1923. Bericht. iv, 216p. 24cm. Jena, G. Fischer, 1924.

[GERMANY] Kongress zur Förderung medizinischer Synthese und ärztlicher Weltanschauung. Einheitsbestrebungen in der Medizin; Verhandlungsbericht der 2. zwischenstaatlichen Tagung in Marienbad, 14-17 September 1932. x, 249p. illust. 24½cm. Dresd., T. Steinkopff, 1933.

Also 1. Konferenz in Riga, 16. Sept. 1930. 286 p., 1931; 3. zwischenstaatliche Tagung in Marienbad, 13-15. September 1934. Bd 2. viii, 142p. illust. 1935.

GERMANY. Ministerium für Volkswohlfahrt. Volkswohlfahrt. Berl., v.11, 1930—

[GERMANY] Reichsärzteordnung mit allen Anordnungen, Durchführungs- und Ausführungsbestimmungen bis zum 1. April 1938 einschliesslich der Berufsordnung für die deutschen Aerzte. 101p. 21cm. Berl., Deutsche Aerzteschaft [1938]

[GERMANY] Reichsamt Schönheit der Arbeit. Die Abort-Anlagen gewerblicher Betriebe. 4. verb. Aufl. 43p. illust. 28½cm. Berl., Deut. Arbeitsfront, 1939.

GERMANY. Reichsarbeitsministerium. Die Unfall- (Kriegs-) Neurose; Vorträge und Erörterungen gelegentlich eines Lehrgangs für Versorgungszärzte in Reichsarbeitsministerium vom

6.-8. März, 1929. 144p. 8°. Berl., R. Hobbing, 1929.

Arbeiterschutz. Berl., v.1-3, 1925-27. Continued as the following.

Arbeitsschutz. Berl., v.4, 1928—

GERMANY. Reichsarchiv. Der Weltkrieg, 1914 bis 1918. 7v. illust. pl. tab. maps. roy. 8°. Berl., E. S. Mittler & Sohn, 1926-30.

CONTENTS

V.1. Das deutsche Feldeisenbahnwesen, 1928; v.1. Kriegsrüstung und Kriegswirtschaft, 1930; v.1. Anlagen. Kriegsrüstung und Kriegswirtschaft, 1930; v.3. Der Marne-Feldzug, Von der Sambre zur Marne, 1926; v.4. Der Marne-Feldzug, Die Schlacht, 1926; v.5. Der Herbst-Feldzug (1914) 1929; v.6. Der Herbst-Feldzug (1914) 1929.

GERMANY. Reichsausschuss der deutschen Jugendverbände. Bildung und Freizeit; Berichte und Bilder aus der deutschen Jugendpflege und Jugendbewegung. 88p. pl. 8°. Berl., Reichs. deut. Jugendverbände [1930?]

GERMANY. Reichsgesundheitsamt. Blattern und Schutzpockenimpfung; Denkschrift zur Beurtheilung des Nutzens des Impfgesetzes vom 8. April 1874 und zur Würdigung der dagegen gerichteten Angriffe. iii, 192p. 5 pl. 2 maps. 8°. Berl., J. Springer, 1896.

Hygiene and sanitation (Gesundheitsbüchlein) a popular manual to hygiene; compiled by the Imperial Board of Health. 9. ed., rev. xii, 255p. 2 pl. 12°. Berl., J. Springer, 1904.

Alphabetische Liste von Krankheiten und Todesursachen. 161p. fol. [Berl., B. Paul, 1905]

Das Reichsgesundheitsamt 1876-1926; Festschrift hrsg. vom Reichsgesundheitsamt aus Anlass seines fünfzig-jährigen Bestehens. viii, 218p. front. 4°. Berl., J. Springer, 1926.

Ratschläge an Aerzte über die Mitwirkung bei der Bekämpfung der Geschlechtskrankheiten. 48p. 8°. Berl., Decker's Verl., 1927.

Anleitung zur Gesundheitspflege auf Kauffahrteischiffen. ix, 380p. 12°. Berl., J. Springer, 1929.

Arbeiten. Berl., v.1, 1885—

Medizinal-statistische Mitteilungen (Beihfte zu den Veröffentlichungen) Berl., v.3-23, 1896-1925.

Reichsgesundheitsblatt. Berl., v.1, 1926—

Veröffentlichungen. Berl., v.1-48, 1877-1925.

See also Reiter, H. Das Reichsgesundheitsamt, 1933-39. 374p. 25½cm. Berl., 1939. — Ziele und Wege des Reichsgesundheitsamtes im Dritten Reich; zum 60 jährigen Bestehen des Reichsgesundheitsamtes. 124p. 8°. Lpz., 1936.

Also Haendel. Das Reichsgesundheitsamt. Zschr. Desinfekt., 1930, 22: 443-50.—Möllers, B. Fünfzig Jahre Reichsgesundheitsamt. Deut. med. Wschr., 1926, 52: 1069-73.—Zahn, F. Fünfzig Jahre Reichsgesundheitsamt. Allg. statist. Arch., 1926-27, 16: 179-81.—Zeller, H. Sechzig Jahre Reichsgesundheitsamt. Deut. tierärztl. Wschr., 1936, 44: 375.

[GERMANY. Reichsheer] Packordnung des Satzes; Truppensanitätsausrüstung, vom 1. Oktober 1937. 16p. illust. 8°. Berl., E. S. Mittler & Sohn, 1937.

Vorschrift für die Berittenmachung der Offiziere, Sanitäts-Offiziere, Veterinär-Offiziere und Beamten des Heeres. vii, 47p. tab. 21cm. Berl., E. S. Mittler & Sohn, 1938.

GERMANY. Reichsheer-Veterinäruntersuchungsamt. Statistischer Veterinärbericht über das Reichsheer (1920-28) Berl., 1921-30.

GERMANY. Reichskriegsministerium. Reichswehr-Sanitäts-Vorschrift; Beiheft zu Teil 8. Krankheiten-Verzeichnis vom 5. Dezember 1934. 47p. 8°. Berl., E. S. Mittler & Sohn, 1934.

— Sanitätsbericht über das Deutsche Heer (Deutsches Feld- und Besatzungsheer) im Weltkrieg 1914-18 (Deutscher Kriegssanitätsbericht) 4v. illust. ch. map. 4°. Berl., E. S. Mittler & Sohn, 1934-38.

— Heer und Marine, Reichswehr-Sanitäts-Vorschrift. Teil 5. Lazarette vom 29. Dezember 1934. vi, 47p. tab. 8°. Berl., E. S. Mittler & Sohn, 1935.

— Wehrmacht-Sanitäts-Vorschrift, Teil 6. Pharmazeutisch-chemischer Dienst, vom 20. Dezember 1935. iv, 65p. 8°. Berl., E. S. Mittler & Sohn, 1935.

See also Germany. Reichswehrministerium.

GERMANY. Reichskriegsministerium. Marine-Medizinalabteilung. Kriegssanitätsbericht über die Deutsche Marine, 1914-18. Bd 3. 450p. 4°. Berl., E. S. Mittler & Sohn, 1935.

[GERMANY] Reichs-Medizinal Kalendar für Deutschland. Leipzig, 1884-

GERMANY. Reichspostministerium. Anweisung zur Bekämpfung gemeingefährlicher Krankheiten im Bereich der Deutschen Reichspost. 52p. 8°. Berl., Reichsdruck., 1931.

[GERMANY] Reichs- und Preussisches Arbeitsministerium. Der gewerbeärztliche Dienst in den Jahren 1935 und 1936; arbeitsmedizinische und klinische Erfahrungen der deutschen Gewerbeärzte. 240p. 24½cm. Lpz., G. Thieme, 1938.

Forms H. 32, Arbeit und Gesundheit (Martineck)

[GERMANY] Reichs-Versorgungsgesetz [Gesetz über die Versorgung der Militärpersonen und ihrer Hinterbliebenen bei Dienstbeschädigung] 160p. 21cm. Dresd., F. Müller [1938]

GERMANY. Reichswehrministerium. Heer und Marine; Heeresveterinärvorschrift (H. V. V.) vom 6. April 1932; Hierzu Anhang I mit Atlas, Anhang II und III. xv, 141p. 8°. Berl., E. S. Mittler & Sohn, 1932.

— Fehlertabelle für militärärztliche Untersuchungen. folded tab. 8°. Berl., 1936.

See also Germany. Reichskriegsministerium.

GERMANY. Reichswehrministerium. Heeres-Sanitäts-Inspection. Sanitätsbericht über das Reichsheer. Berlin, (1870-1910/11) 1876-1913; (1921-32) 1926-34.

Prior to 1921 title varies.

GERMANY. Statistisches Reichsamt. Die Krankenversicherung, 1936, mit vorläufigen Ergebnissen für das Jahr 1937. 139p. tab. 31cm. Berl., P. Schmidt, 1938.

Forms Bd 521. Statistik des Deutschen Reichs.

— Die Bewegung der Bevölkerung. Berl. (1907-34) 1909-28.

Forms part of Statistik des Deutschen Reichs.

— Statistik des Deutschen Reichs. Berl., v. 203, 1907-

Incomplete.

— Statistisches Jahrbuch für das Deutsche Reich. Berl., 1886-

Incomplete.

— Wohnungsfürsorge in deutschen Städten. viii, 635p. 8°. Berl., C. Heymann, 1910.

Forms No. 11, Beiträge zur Arbeiterstatistik.

GERMANY. Statutes. Prüfungsordnung für Aerzte, nach dem Stande vom 13. Mai 1932. 6. ed. 28p. 8°. Lpz., G. Thieme, 1932.

[GERMANY] Verband der Aerzte Deutschlands. Aerztliche Bücherei für Fortbildung und Praxis. Berl., v. 3, 1939.

CONTENTS: Bd 3 Kinderheilkunde (E. Klose) 1939.

GERMANY [and Germans]

See also Indo-European; also names of German provinces and towns as Bavaria; Berlin; Greifswald; Prussia, &c.; also names of subjects as Army; Birth-rate; Climatology; Education; Epidemic; Race, &c.

BROOKS, S. America and Germany, 1918-25. 2. ed. 167p. 8°. N. Y., 1927.

HARPER, R. M. Present conditions in Germany. 3p. 8°. University, Ala., 1935.

LEARN to speak German. 97p. 32°. Racine, Wis. [1932]

LAMPRECHT, K. Deutsche Geschichte. 1. & 2. Aufl. v. 6-12, Ergbd 1-2; 3. Aufl. v. 1-2. 15v. Berl., 1902-9.

MURET-SANDERS. Encyclopaedic English-German and German-English dictionary. Pt 1: English-German. 15. ed. Pt 2: German-English. 17. ed. 2v. 1067p; 1183p. 8°. Berl. [1910-33]

Delmas, P. Impressions d'Allemagne d'un universitaire montpelliérain. Bull. Acad. sc. Montpellier, 1936, 66: 168-74.—Houzé, E. L'Allemand à travers les âges. Bull. Soc. anthrop. Bruxelles, 1919, 34: 20-48.—Huntington, T. W. Our attitude toward German physicians. Med. Rec., N. Y., 1919, 95: 701.—Reisebriefe eines deutschen Arztes; Erlebtes und Erlauchtes vom Deutschland und deutschen Aerzten in St Louis. Deut. med. Wschr., 1939, 65: 1352-4.

— Anthropology, and archeology.

BÖTTGER [A.] H. *Ein Beitrag zur medizinischen und anthropologischen Topographie des sächsischen Flachlandes besonders der Gegend von Oschatz [Leipzig] 30p. 8°. Zeulenroda i. Thür., 1932.

DECKNER, K. *Ueber die Beziehungen zwischen Haar- und Augenfarbe und Konstitution; Versuch einer Analyse der rassenmässigen Zusammensetzung der deutschen Studentenschaft [Freiburg i. B.] p.602-18. 8°. Berl., 1927.

Also Zschr. ges. Anat., 2. Abt., 1927, 13:

GIEHLER [A. W.] J. *Die Wandlung der pommerischen Rasse, untersucht an Gräberschädeln aus dem 16. Jahrhundert und an Schädeln der Jetztzeit [Greifswald] 19p. 21cm. Lengerich i. W., 1938.

HESSE, T. [A. H.] *Grösse, Gewicht und Körperbauindex der männlichen Bevölkerung Deutschlands [Leipzig] 28p. 8°. Zeulenroda, 1933.

Berciu, D., & Beninger, E. Germanenfunde aus der Kleinen Walachei. Mitt. Anthropol. Ges. Wien, 1937, 67: 190-5.—Brosch, K. Anthropologie der Rhén. Ber. Phys. med. Ges. Würzburg (1936) 1937, n. F., 60: 51-9.—Koehe, C. Zur Haarfarbe der Bewohner Deutschlands in der germanischen Urzeit. Arch. Rassenb., 1927-28, 20: 433-7.—Koller, R. Awarenschädel von Traiskirchen. Mitt. Anthropol. Ges. Wien, 1937, 67: 196-202, 2 pl.—Rhiel, A. Untersuchungen zur Anthropologie und Konstitution der deutschen Frau. Zschr. Morph. Anthropol., 1926-27, 26: 333-58.—Sachse, P. Zur Siedlungsgeschichte und Anthropologie des obererzgebirgischen Dorfes Sätzung. In Kultur & Rasse (Hesch-Spannaus) Berl., 1939, 196-9.—Saller, K. Die Probstei (Kreis Plön) eine anthropologische Untersuchung aus Ostholstein. Zschr. Morph. Anthropol., 1932-33, 31: 228-65, 4 pl., 9 tab. — Die Ursprungsformen der deutschen Rassen. Anat. Anz., 1933-34, 77: 321-56.—Schultz, W. Die Germanen der frühen Eisenzeit. Volk & Rasse, 1933, 8: 248-54.—Sellheim, H. Konstitution der deutschen Frau und ihres Kindes; Rückblick und Ausblick. Deut. Zschr. öff. Gesundheitsw., 1925-26, 2: 43-66.—Stern-Piper, L. Kretschmers psycho-physische Typen und die Rassenformen in Deutschland. Arch. Psychiat., Berl., 1922-23, 67: 569-99.—Wuitsch, L. G. Die physischen Merkmale der Deutschen in den Dörfern Eugenfeld und Kayserthal (Ukraine) Zschr. Morph. Anthropol., 1934, 33: 71-83, 3 pl., tab.

— Culture.

BÉDIER, J. German atrocities from German evidence. 40p. 8°. Par., 1915.

— How Germany seeks to justify her atrocities. 48p. 8°. Par., 1915.

LAVISSE, E., & ANDLER, C. German theory and practice of war. 48p. 8°. Par., 1916.

Baldrich, A. La vida universitaria europea; el momento intelectual de Alemania. Rev. Circ. méd. argent., 1928, 28: 688-59.—**Harnack, von.** Ueber die Lage der deutschen Wissenschaft. Med. Klin., Berl., 1920, 16: 84.—**Intellectual refugees** from the German persecution. J. Am. M. Ass., 1934, 103: 689.—**Rauschenberger, W.** Die rassistischen Grundlagen der deutschen Malerei. Arch. Rassenb., 1936, 30: 304-12.—**Schilling, F.** Deutsche Kulturpropaganda im Ausland durch deutsche Aerzte. Deut. med. Wschr., 1936, 62: 657-9.

Demography.

BURGDOERFER, F. Bevölkerungsentwicklung im Dritten Reich. 84p. 21cm. Heidelb., 1938.

GÄDE, K. *Zur Kenntnis der Volksdichte des nordöstlichen Holstein und des Kreises Eckernförde. p.360-432. 8°. Kiel, 1913.

KÖTSCHKE, H. Die Gefahren des Geburtenrückganges. 48p. 32°. Berl., 1917.

KRÜCKEMEYER, E. *Die Volksdichte im Weserberglande (westlich der Weser) um die Jahrhundertwende. 62p. 8°. Giessen, 1912.

Freudenberg, K. Die Veränderung des Altersaufbaus der deutschen Bevölkerung. Klin. Wschr., 1927, 6: 748-51.—**Gott, T.** Änderungen in der Konstitution des Volkes im letzten Jahrzehnt. Deut. Zschr. öff. Gesundheitspfl., 1925-26, 2: 34-43.—**Hankins, F. H.** German policies for increasing births. Am. J. Sociol., 1936-37, 42: 630-52.—**Haubold, H.** L'évolution démographique du Reich allemand et ses causes. Bull. Off. internat. hyg. pub., Par., 1939, 31: 1591-5.—**Heckh, G.** Bevölkerungsgeschichte und Bevölkerungsbewegung des Kirchspiels Böhringen auf der Uracher Alb vom 16. Jahrhundert bis zur Gegenwart. Arch. Rassenb., 1939, 33: 126-69.—**Mielke, R.** Deutsche Siedlungskunde. Volk & Rasse, 1926, 1: 84-91.—**Roesle, E.** Die Probleme der deutschen Volkszählung 1925. Deut. med. Wschr., 1926, 52: 153-5.—**Schlossmann, A.** Bevölkerungsstatistische Bemerkungen. Ibid., 1917, 43: 339.—**Whelpton, P. K.** Why the large rise in the German birth-rate? Am. J. Sociol., 1935-36, 41: 299-313.

Diseases.

See also subheading Hygiene.

BEUCHELT, L. H. (geb. VATER) *Ein Beitrag zur anthropologischen und medizinischen Topographie des oberen Erzgebirges unter besonderer Berücksichtigung Crottendorfs [Leipzig] 23p. 8°. [Zeulenrode i. Thür.] 1929.

DORNEDDEN, H. Einführung in die Medizinalstatistik. 53p. 8°. Lpz., 1936.

LINDGENS, H. *Medizinalstatistische Erhebungen in den Notstandsgebieten von Rhön und Spessart [Würzburg] 31p. 8°. Mülheim-R., 1935.

MÄCHTEL, J. *Krankheitsverlauf und Schicksal der in den Orten Malsch, Malschenberg, Rettigheim, Rot, St Leon und Kronau gebürtigen und während der Jahre 1890-1926 in hiesiger Klinik aufgenommenen Kranken [Heidelberg] 31p. 8°. Walldorf b. Heidelberg, 1930.

REICHEL, R. *Ueber Krankheiten-Verteilung in Vorpommern (Häufung von Thyreotoxikosen und Uleuserkrankungen) 50p. 8°. Greifswald, 1934.

Abel. Zur Morbiditätsstatistik (Vorbemerkungen zu den Aufsätzen der Dr. I. Lembke, F. Köster und R. Otto) Off. Gesundheitspfl., 1922, 7: 329-35.—**Bäumler, G.** Medizinalstatistische Untersuchungen über Weiden, Opf., von 1551-1800. Arch. Hyg., Münch., 1938, 120: 195-243.—**Binswanger, O.** Betrachtungen über Volksart, Rasse und Psychose im Thüringer Lande (eine wissenschaftliche Plauderei) Arch. Psychiat., Berl., 1925, 74: 218-40. Also Korbh. Allg. ärztl. Verein. Thüringen, 1933, 62: 31; 58.—**Bremme, W.** Die Gesundheitsverhältnisse im Staat Sachsen während des Jahres 1933. Zschr. Gesundheitsverw., 1935, 6: 97-107.—**Brugger, C.** Psychiatrische Bestandaufnahme im Gebiet eines medizinisch-anthropologischen Zensus in der Nähe von Rosenheim. Zschr. ges. Neur. Psychiat., 1937, 160: 189-207.—**Ergebnisse der Heilanstaltstatistik im Deutschen Reich** für die Jahre 1911 bis 1913 und 1914 bis 1916. Med. statist. Mitt. Reichsgesundh., 1920, 21: 1-276.—**Freudenberg, K.** Medizinalstatistische Uebersicht. Klin. Wschr., 1930, 9: 1134; passim.—**Fürst.** Die Morbiditätsstatistik in der Stadt Schweinfurt. Münch. med. Wschr., 1894, 41: 310-2.—**Holz.** Die Statistik des Bezirksarztes. Zschr. Medbeamte, 1925, 38: 220-9.—**Jahresstatistik der anzeigepflichtigen Krankheiten im Deutschen Reich** für das Jahr 1931 mit einer Zusammenstellung für die Jahre 1925 bis 1931. Reichsgesundhbl., 1933, 8: Sonderb., 83-91.—**Lembke, I.** Die Morbidität in den Städten des Kreises Rössel

1918, beurteilt an Hand der Lebensmittelatteste. Off. Gesundheitspfl., 1922, 7: 335-48.—**Meier, E.** Aus der Bevölkerungs- und Medizinalstatistik der sudetendeutschen Gebiete. Reichsgesundhbl., 1938, 13: 918-27.—**Otto, R.** Die Morbidität in der Stadt Detmold 1916 bis 1919. Off. Gesundheitspfl., 1922, 7: 397-405.—**Sticker, G.** Zur Pathologie der Alemannen. Verh. Ges. phys. Anthropol., 1935, 7: 28-30.—**Unverricht.** Der Gesundheitszustand der deutschen akademischen Jugend. Off. Gesundheitsdienst., 1936-37, ser. B, 2: 377-9.

Ethnology.

DAUSACKER, J. *Rassenkundliche Erhebungen in den Rhöndörfern Platz und Geroda. 45p. 8°. Würzb., 1935.

DERMANN, P. [A.] *Rassenkundliche Untersuchungen bei S. A. Männern der Studentenschaft der Universität Münster [Münster] 32p. 8°. Bleicherode-Harz, 1936.

GÜNTHER, H. F. K. Rassenkunde des deutschen Volkes [16. Aufl.] 510p. 23cm. Münch., 1939.

JÄGER, J. *Die Rassengeschichte Frankens mit Beiträgen zur Wendenfrage in Deutschland [Göttingen] 37p. 8°. Würzb., 1934.

Also Zschr. ges. Anat., 2. Abt., 1933-34, 18: 381-414.

REPPERT, E. *Rassenkundliche Erhebungen im Raume Fladungen (Rhön) 38p. 24cm. Würzb., 1937.

Burchard, W. Beitrag zur Kenntnis der Deutschen in der Batschka. Volk & Rasse, 1935, 10: 170-4.—**Cervinka, I. L.** [The germanic people in Moravia] Anthropologie, Praha, 1936, 14: 107-46, 10 pl.—**Ehrhardt, S.** Die Deutschen in der Dobruška. Volk & Rasse, 1934, 9: 228-34.—**Fleischhacker, H.** Rassenkundliche Untersuchungen im Kreise Esslingen. Verh. Deut. Ges. Rassenforsch., 1938, 9: 159-68.—**Franz, L.** Ein frühdeutscher Fund aus dem Egerland. In Kultur & Rasse (Hesch-Spannaus) Berl., 1939, 76-9.—**Gradmann, R.** Volkstum und Rasse in Süddeutschland. Volk & Rasse, 1926, 1: 135-48.—**Helbok, A.** Das staufische Rittertum, eine Auslese germanischen Bauernblutes. In Kultur & Rasse (Hesch-Spannaus) Berl., 1939, 97-103.—**Hellpach, W.** Der rheinische Volkschlag; Ursprung, Wohnsitz, Wesensart, Erscheinung. Deut. med. Wschr., 1937, 63: 1375; 1416.—**Hügel, E.** Ueber die rassische Bedeutung der Auslandsdeutschen. Volk & Rasse, 1936, 11: 8-13.—**Krogh, C. von.** Rassenkundliche Untersuchungen im Bremer Marschgebiet (vorläufige Mitteilung) Verh. Ges. phys. Anthropol., 1937, 8: 71-6.—**Küppers, G. A.** Deutsche im Donaubecken; ein rassenkundlicher Streifzug. Volk & Rasse, 1937, 12: 95-104.—**La Baume, W.** Die Wikinger in Ostdeutschland. Ibid., 1926, 1: 20; 91.—**Lebzelter, V.** Eine rassenkundliche Uebersichtsaufnahme des Burgenlandes. Mitt. Anthropol. Ges. Wien, 1937, 67: 294-350.—**Lehmann, O.** Die Bevölkerung Nordfrieslands. Volk & Rasse, 1926, 1: 7-19.—**Mariensfeld, O.** Untersuchungen an masureischer Bevölkerung. Veröff. Medverwalt., 1934, 43: 463-529.—**Much, R.** Die angebliche Keltenherrschaft in Germanien. Volk & Rasse, 1926, 1: 100-5.—**Pratje, A.** Rassenkundliche Untersuchungen von Hartenstein, einem Dorf im fränkischen Jura. Verh. Ges. phys. Anthropol., 1937, 8: 77-87, 2 pl.—**Römer, J.** Fremdrassen in Deutschland. Volk & Rasse, 1936, 11: 88-95.—**Saller, K.** Beiträge zur deutschen Rassengeschichte; die Rassengeschichte der bayrischen Ostmark. Zschr. ges. Anat., 2. Abt., 1933-34, 18: 229-61.—**Scheidt, W.** Volkstumskundliche Forschungen in deutschen Landgemeinden. Arch. Rassenb., 1928-29, 21: 129-91.—**Schwantes, G.** Die Germanen. Volk & Rasse, 1926, 1: 69; 153.—**Verschür, O. von.** Beitrag zur Frage Konstitution und Rasse sowie zur Konstitutions- und Rassengeographie Deutschlands. Arch. Rassenb., 1927-28, 20: 16-28.

Hygiene.

CONRAD, C. H. *Ein Ueberblick über gesundheitliche und hygienische Verhältnisse der Grafschaft Bentheim nach dem Stande des Jahres 1932-33. 70p. 8°. Münst., 1934.

EICKHOFF, J. *Das Gesundheitswesen im Regierungsbezirk Arnsberg [Münster] 24p. 8°. Werne-Lippe, 1937.

ENTWICKLUNG (Die) des deutschen Gesundheitswesens; kulturhistorische Schau über hundert Jahre; hrsg. von M. Taute, C. Hamel, F. Rott. 155p. 4°. Berl., 1931.

FISCHER, A. Geschichte des deutschen Gesundheitswesens. 2v. 343p.; 591p. 8°. Berl., 1933.

GÜTT, A. Der öffentliche Gesundheitsdienst; Textausgabe des Gesetzes über die Vereinheit-

lichung des Gesundheitswesens vom 3. Juli 1934. 173p. 8°. Berl., 1935.

— & MOEBIUS, E. Der öffentliche Gesundheitsdienst. 227p. 8°. Berl., 1935.

PRUSSIA. MINISTER DER GEISTLICHEN, UNTERRICHTS- UND MEDIZINAL-ANGELEGENHEITEN. Das Sanitätswesen des Preussischen Staates im Jahre 1889–1903. 7v. 8°. Berl., 1897–1905.

PRUSSIA. MINISTERIUM DES INNERN, MEDIZINAL-ABTEILUNG. Das Gesundheitswesen des Preussischen Staates im Jahre 1909. 482p. 8°. Berl., 1911.

RUMPE, R. Die Gesundheitspflege in der Provinz Westfalen nach Vergangenheit und Gegenwart. 136p. 8°. Jena, 1933.

SCHAEZT, L. Organisation des öffentlichen Gesundheitswesens und amtsärztlichen Dienst. 142p. 8°. Münch., 1934.

TIADEN. Bremen und die bremische Aerzteschaft seit dem Beginne des 19. Jahrhunderts; eine gesundheits-geschichtliche Studie. 239p. 8°. Bremen [1932]

Abel. Die Entwicklung der Gesundheitstechnik während der letzten 50 Jahre und ihre Einwirkungen auf die Gesundheitsverhältnisse in Deutschland. Gesundh. Ingenieur, 1927, 50: 962–6.—Adam. Der Gesundheitsfeldzug 1927. Aerztl. Mitt., Lpz., 1927, 28: 671.—Aryanization of German medical service. Calcutta M. J., 1938, 34: 228.—Ascher, L. Die Verbesserung des deutschen Heil- und Gesundheitswesens. Deut. med. Wschr., 1918, 44: 18. — Vorschläge für eine Reichsreform des Gesundheitswesens. Zschr. Medbeamte, 1929, 42: 201–4.—Beninde. Die Organisation der staatlichen wasser-, boden- und lufthygienischen Beratung in Preussen. Atti Congr. internaz. tecn. san., 1931, 2. Congr., 2: 121–8.

Blum, E. Ueber das Sickenhauswesen in Preussen in medizinisch, juristischer, organisatorischer und finanzieller Hinsicht. Zschr. ges. Krankenh. wesen, 1928, 24: 331–9.—Bundt. Der Preussische Medizinalbeamtenverein und die Entwicklung des öffentlichen Gesundheitswesens in Preussen in den Jahren 1883–1933. Zschr. Medbeamte, 1933, 46: 365–94, portr.

— Volksgesundheitspflege im nationalsozialistischen Staat. Ibid., 1934, 47: 228–42.—Cropp. Fünf Jahre Abteilung Volksgesundheit des Reichsministeriums des Innern unter Leitung von Ministerialdirektor Dr Arthur Gütt. Oeff. Gesundheitsdienst, 1938–39, ser. A, 4: 869–96.—Developments in the public health service [in Germany]. J. Am. M. Ass., 1937, 109: 1212.

Dieppen, P. Die historischen Wurzeln des deutschen Gesundheitswesens und ihre Lehren. Deut. med. Wschr., 1934, 60: 905–8.—Engel. Ein Jahr kommunales Gesundheitsamt mit staatlichem Amtsarzt. Oeff. Gesundheitsdienst, 1936–37, ser. A, 2: 249–54.—Engelmann. Die Heilanstalten des Deutschen Reiches nach den Erhebungen der Jahre 1902–4. Med. statist. Mitt. Reichsgesundh., 1909, 13: 16–55.—Eyer, H. Gesundheitspflege und Bevölkerungspolitik in der Ostmark; eine medizinische Topographie eines ausgewählten Landbezirks im Bereich der oberpfälzischen Grenzmark. Sitzber. Phys. med. Soc. Erlangen (1937) 1938, 69: 1–206, 2 tab.—Fauth, H. Das Gesundheitswesen in den öffentlichen Haushalten Preussens. Oeff. Gesundheitsdienst, 1935, ser. A, 1: 481–9.—Gautier. L'organisation de l'hygiène et de l'assistance en Allemagne. Bull. san. Algérie, 1938, 33: 1625–31.—Gebhardt. Die Neuorganisation des bezirksärztlichen Dienstes. Zschr. Medbeamte, 1912, 25: 124–34.—Gesundheitspolitik im neuen Deutschland (ein Ueberblick) Münch. med. Wschr., 1935, 82: 66–8.—Gesundheitswesen (Das) des preussischen Staates im Jahre 1926–36. Veröff. Medverwalt., 1927, 25: 537; passim.

Gleitze, B. Die Arbeitskräfte in der deutschen Gesundheitspflege. Deut. med. Wschr., 1935, 61: 2019.—Goldmann, F. Die Neuordnung der Krankenanstaltsstatistik für das Deutsche Reich; zugleich ein Beitrag zur Systematik des Krankenanstaltswesens. Zschr. ges. Krankenh. wesen, 1931, 659: 681.—Gütt, A. Der öffentliche Gesundheitsdienst im dritten Reich. Oeff. Gesundheitsdienst, 1935, ser. A, 1: 84–94.—Heinmüller, A. Bau und Einrichtung von Gesundheitsämtern. Ibid., 1938–39, ser. A, 4: 121–32.—Heiss, C. Die gesundheitlichen Verhältnisse des deutschen Volkes im Jahre 1925. Aerztl. Mschr., 1927, 138–44.—Klein, W. Gesundheitspflege im Dritten Reich. In Konst. & Erbiol. (Jaensch, W.) Lpz., 1934, 67–80.—Konrich, F. Jahresbericht der Preussischen Landesanstalt für Wasser-, Boden- und Lufthygiene, Berlin-Dahlem, für die Zeit vom 1. April 1937 bis 31. März 1938. Veröff. Volksgesundh., 1938–39, 52: 133–61.—Lehmann, H. Jahresbericht der Preussischen Landesanstalt für Wasser-, Boden- und Lufthygiene, Berlin-Dahlem, für die Zeit vom 1. April 1935 bis 31. März 1937. Ibid., 1937, 49: 575; 1937–38, 50: 493.—Lenz, F. Die Bedeutung der Rassenhygiene für das deutsche Volk. In Konst. & Erbiol. (Jaensch, W.) Lpz., 1934, 52–64.—Liek, E. Gesundheitsdienst am deutschen Volk. Münch. med. Wschr., 1928, 75: 1009–11.—Liste der staatlichen und kommunalen Gesundheitsämter. Reichsgesundhbl., 1935, 10: 405–9.—Löffler, J. Gesundheitsämter im Sudetengau; besondere Bedingungen bei ihrem Auf- und Ausbau. Oeff.

Gesundh., 1939–40, ser. A, 5: 623–6.—Meier, E. Die neue Krankenanstaltsstatistik für das Deutsche Reich. Fortsch. Gesundh., 1932, 6: 40–5.—Möllers, B. Das Gesundheitswesen im Deutschen Reich in den Jahren 1923 und 1924. Arch. sozial. Hyg., 1925–26, n. F., 1: 50–8. — Die Vereinheitlichung des Gesundheitswesens im deutschen Reich. Med. Klin., Berl., 1935, 31: 836–8.—Neveu, R. Les récentes ordonnances du ministre de l'intérieur du Reich sur l'unification des services d'hygiène publique. Progr. méd., Par., 1935, 1877.—Obé. Gesundheitswesen und Gesundheitsgesetzgebung sowie Gesundheitsfürsorge des Saarlandes. Reichsgesundhbl., 1935, 10: 221–3.—Oeffentliche (Der) Gesundheitsdienst im Deutschen Reich 1935–37. Veröff. Volksgesundh., 1937, 49: 1–328; passim.—Oeffentliche (Der) Gesundheitsdienst im Deutschen Reich 1938. Oeff. Gesundheitsdienst, 1939–40, ser. A, 5: 121–43.—Plank, R. Das Krankenhaus in der Gesamtgesundheitsfürsorge Deutschlands und Oesterreichs. Nosokomeion, Stuttg., 1932, 3: 22–8.—Pohlen, K. Sesenta años de estadística en el Departamento nacional de sanidad de Alemania. Rev. méd. germ. ibero-amer., 1936, 9: 241–50.

— Gesundheitsstatistisches Auskunftsbuch für das Deutsche Reich; Ausgabe 1936. Veröff. Medverwalt., 1936, 46: 287–619.—Public health service for 1937 (Germany). J. Am. M. Ass., 1938, 111: 638.—Redeker & Demohn. Hygienische Untersuchungen im Ensland. Veröff. Volksgesundh., 1936, 47: 113–308, 2 maps.—Scheurien. Die Medizinalvisitationen der Gemeinden, ihre Durchführung, Ziele und Erfolge auf Grund einer 30jährigen Erfahrung in Württemberg. Off. Ber. Deut. Med. Beamten-Verein, 1906, 6–23.—Schwers, H. L'organisation de la défense de la santé en Allemagne. Mouvement hyg., Brux., 1912, 28: 201; 241; 281; 313.—St. Zum Ausschluss jüdisch geleiteter Krankenhäuser von der Behandlung nichtjüdischer. Zschr. ges. Krankenh. wesen, 1938, 455.—Statistisches aus der öffentlichen Gesundheitsfürsorge. Zschr. Gesundh. wesen, 1935, 6: 107–9.—Thomsen, E. [Hygienic impressions of a trip through southern Germany] Nord. hyg. tskr., 1927, 8: 71.—W., von. Die gesundheitlichen Verhältnisse des deutschen Volkes im Jahre 1926. Aerztl. Mitt., Lpz., 1928, 29: 117–20.—Walbaum, J. Aufgaben des Amtes für Volksgesundheit. Oeff. Gesundheitsdienst, 1939–40, ser. A, 5: 617–23.—Wollenweber. Reform des öffentlichen Gesundheitswesens in Preussen. Zschr. Medbeamte, 1932, 45: 85–91.—Zeiss, H. Die nationalen Aufgaben der deutschen Hygiene. Reichsgesundhbl., 1936, 11: 962–71.

— Medicine.

See also Education, medical; Ethics; Group medicine; Physicians, &c.

KÖTSCHAU, K. Zum nationalsozialistischen Umbruch in der Medizin. 96p. 8°. Stuttg., 1936.

Adam. Rasgos característicos de la medicina alemana moderna. Dia méd., B. Air., 1934–35, 7: 239–42.—Aerztlich-wissenschaftliche Schaffen im Dritten Reich. Zschr. ärztl. Fortbild., 1939, 36: Sond. No., 1–34.—Berger, H. Auslegung des Begriffs: Neue deutsche Heilkunde. Ibid., 1936, 33: 531–5.—Bertelsmann, R. Die Anpassung des Heilwesens an die neuen Verhältnisse. Münch. med. Wschr., 1919, 66: 331–4.—Beskow, A. [Visit to a number of German sanatoria and Braeunings dispensary in Stettin] Sven. läk. tidn., 1934, 31: 1166–76.—Blome. Neue deutsche Heilkunde, Arzt und Fortbildung. Verh. Deut. Ges. inn. Med., 1936, 48. Kongr., 28–36.—Christiansen, J. [Letter from a journey to Germany] Ugeskr. laeger, 1937, 99: 528–32.—Garlipp. Die Neuregelung des ärztlichen Versorgungs- und Lazarettwesens. Deut. med. Wschr., 1920, 46: 133.—German medicine, race, and religion. Brit. M. J., 1940, 2: 230.—Greeley, H. P. Pan-Germanism in medicine: to what will it lead? Boston M. & S. J., 1914, 171: 435.—Grote, L. R. Die Arbeit im Rudolf Hess-Krankenhaus. Verh. Deut. Ges. inn. Med., 1936, 48. Kongr., 36–47.

— Neue Deutsche Heilkunde. Zschr. ärztl. Fortbild., 1937, 34: 33–6. Also in Erg. Gemeinsch. Arb. Naturh. (A. Brauchle, & L. R. Grote) Lpz., 2. Folge, 1939, 7–23.—Hertz, A. F. Aspects of German medicine. Guy's Hosp. Gaz., Lond., 1906, 20: 407; 427; 465; 494.—Heun, E. Zur neuen deutschen Heilkunde. Fortsch. Med., 1936, 54: 385–9.—Jaffé, K. Deutsche Sozialmedizin und Hygiene während des Krieges. Jahrkurs. ärztl. Fortbild., 1915, 9. H., 3–14.—Kötschau, K. Biologisches Denken im Rahmen der neuen deutschen Heilkunde. Klin. Wschr., 1936, 15: 1629–31.—Organization for new German medicine. J. Am. M. Ass., 1936, 106: 1509.—Orsós. Als Gastprofessor in Deutschland; Erfahrungen an deutschen Hochschulen. Deut. med. Wschr., 1940, 66: 157–9.—Polak, J. B. [Medical conditions in present-day Germany]. Ned. tscr. geneesk., 1922, 66: 694.—Rapmund, O. Die diesjährige Beratung des preussischen Abgeordnetenhaus über den Medizinaletat. Zschr. Medbeamte, 1914, 27: 176–213.—[Reformation of medical science in Germany] Geneesk. gids, 1935, 13: 998–1005.—Robinson, M. R. Medical Germany. N. York M. J., 1923, 117: 491–5.—Roemisch, B. Das deutsche Element in der Entwicklung der dänisch-norwegischen Schulmedizin. Med. Welt, 1940, 14: 329–31.—Sjövall, B. [Impressions from some German hospitals for internal diseases] Lunds läk. säll. förh., 1932–33, 34–44.—Spengler, W. Der Weg zu einer Neuen Deutschen Heilkunde; praktische Vorschläge und Erfahrungen. Hippokrates, Stuttg., 1936, 7: 1221–5.—Stähle. Zur Erneuerung der deutschen Heilkunde. Ibid.,

541-4.—**Stephenson, A. G.** A tramp abroad in the hospital field; Germany. *Mod. Hosp.*, 1934-35, 43: 81; 1935, 44: 74.—**Vogt, H.** Das österreichische und sudetenländische Heilgut. *Ther. Gegenwart*, 1939, 80: 194-8.—**Wassermann, A.** von. Medizinische Forschung und Volk. *Berl. klin. Wschr.*, 1919, 56: 80-2.—**Weiss, K. E.** Nochmals die Anpassung des Heilwesens an die neuen Verhältnisse. *Münch. med. Wschr.*, 1919, 66: 597.—**Wernerstedt, W.** [Educational trip in the summer of 1937] Hospitalstidende, 1938, 35: 639-66.—**Wilder, J.** Nuove correnti di pensiero nella medicina tedesca. *Gior. clin. med.*, 1932, 13: 1347-55.—**Zimmermann, O.** Österreichs Heilgut des Bodens und der Landschaft. *Balneologe*, 1938, 5: 241-8.

— Medicine: History.

ARBEITEN zur Kenntnis der Geschichte der Medizin im Rheinland und in Westfalen. Hrsg. von Paul Krause. Heft 1-9. 8° Jena, 1929-32.

Diepgen, P. Deutsche Medizin vor hundert Jahren; ein Beitrag zur Geschichte der Romantik. 56p. 8° Freib., 1923.

— Deutsche Volksmedizin, wissenschaftliche Heilkunde und Kultur. 136p. 8° Stuttg., 1935.

— & **Heischkel, E.** Die Medizin an der Berliner Charité bis zur Gründung der Universität; ein Beitrag zur Medizingeschichte des 18. Jahrhunderts. 185p. 8° Berl., 1935.

Englert, L. Von altdeutscher Heilkunst. 53p. 12° [Lpz., 1935]

Haberling, W. Die Geschichte der Düsseldorfer Aerzte und Krankenhäuser bis zum Jahre 1907. 168p. 8° Düsseldorf, 1936.

— German medicine. Transl. by Jules Freund. 160p. 16° N. Y., 1934.

Hüni, E. *Der medizinische Briefwechsel zwischen Paul Usteri und Albrecht Rengger; ein Beitrag zur Geschichte der Medizin am Ende des 18. Jahrhunderts. 77p. 8° Zürich, 1930.

Lipps, E. *Das Medizinalwesen im alten Neuss vom Beginn der ersten Nachrichten bis 1800 [Münster] 42p. 8° Gütersloh-Westfalen, 1934.

Müller, A. Beiträge zu einer hessischen Medizingeschichte des 15.-18. Jahrhunderts. 77p. ch. 8° [Darmstadt, 1930]

Seemen, H. von. Zur Kenntnis der Medizinhistorie in der deutschen Romantik. 116p. 8° Lpz., 1926.

Spatz, H. Fünf Jahrzehnte Blütezeit deutscher Medizin. 161p. 25½cm. Münch., 1938.

WÜRZBURG. UNIVERSITÄT. Aus der Vergangenheit der Universität Würzburg; Festschrift zum 350 jährigen Bestehen der Universität, hrsg. von Max Buchner [Entwicklungsgeschichte der medizinischen Fakultät an der Alma Mater Julia, von Georg Sticker] 799p. 8° Berl., 1932.

Diepgen, P. Die Revolution von 1848-49 und der deutsche Arztstand. *Klin. Wschr.*, 1933, 12: 1577-80.—**Diergart, P.** Medizinisches aus dem 15.-16. Jahrhundert, zum 700-jährigen Stadtjubiläum von Rheinberg (Niederrhein) Janus, Leyde, 1932, 36: 352-60.—**Fritz, J.** Medizinisches in den Faust- und Wagnervolksbüchern. *Ibid.*, 1928, 32: 207-21.—**Garrison, F. H.** The romantic episode in the history of German medicine. *Bull. N. York Acad. M.*, 1931, 2. ser., 7: 841-64.—**Goldschmidt, H.** Aerztliche Krankheitsatteste aus dem Jahre 1610. *Arch. Gesch. Med.*, 1911, 5: 141-4.—**Haberling, W.** Die Bedeutung der Rheinländer für die Entwicklung der medizinischen Wissenschaft. *Klin. Wschr.*, 1926, 5: 1740-5.—**Hartmann, H.** Zwei hundert fünfundzwanzig Jahre Geschichte der Medizin im Lichte der Charité. *Med. Welt*, 1935, 9: 1718.—**Kemphorne, G. A.** The medical services in Germany during the Seven years war, 1758-62. *J. R. Army M. Corps*, 1938, 71: 126-32.—**Kuntz, J.** Einige medizinische Verordnungen Herzog Ernst des Frommen von Sachsen-Gotha. *Deut. med. Wschr.*, 1912, 38: 1506.—**Lejeune, F.** Lehrer der Heilkunde und ihre Wirkungsstätten. *Münch. med. Wschr.*, 1933, 80: Kunstbeil. 61-4.—**Martell, P.** Heilkunst der Germanen. *Zschr. ärztl. Fortbild.*, 1935, 32: 636-8.—**Mettenheim, H. von.** Ergebnisse eines alten Arztes. *Sudhoffs Arch.*, 1938, 31: 247-53.—**Oipp.** Verdienste deutscher Kolonial-Aerzte. *Münch. med. Wschr.*, 1934, 81: 1818-27.—**Pegger, F.** Das alte Kloster und das erste Spital im Latscher Dorle. *Etschland. Aerztebl.*, 1926, 5: 442.—**Pfister, F.** Die Schrift eines Germanen über germanische Volksmedizin. *Sudhoffs Arch.*, 1937-38, 30: 266-78.—**Reier,**

H. Zur germanischen Heilkunde. *Klin. Wschr.*, 1936, 15: 455-60.—**Roberts, S. R.** Charcot's opinion and criticism of German medicine. *J. Am. M. Ass.*, 1917, 69: 2204.—**Schön, T.** Weitere Nachrichten über die Fürsorge der Grafen und Herzöge von Württemberg für das Medizinalwesen bis zur grossen Kirchenordnung 1559. *Med. Korbl. Württemberg*, 1907, 77: 22; passim.—**Sudhoff, K.** Anfänge der Medizin am Rhein. *Janus, Leyde*, 1927, 31: 56-9.— ——— Lehrer der Heilkunde und ihre Wirkungsstätten. *Münch. med. Wschr.*, 1933, 80: Kunstbeil., 69-72.—**Tischner.** Von der Schulmedizin zu Hahnemanns Zeiten. *Fortsch. Med.*, 1936, 54: 355-8.—**V.** Die deutsche Medizin 1886 im Spiegel der D. m. W. *Deut. med. Wschr.*, 1936, 62: 1982.—**Vierordt, H.** Badens Anteil an der Medizin. *Münch. med. Wschr.*, 1911, 58: 2414.—**Vorwahl, H.** Die Medizin des 18. Jahrhunderts in Selbstzeugnissen. *Deut. med. Wschr.*, 1934, 60: 1358. Also *Zschr. ärztl. Fortbild.*, 1934, 31: 51.—**Ziegenhagen, P.** Rückblick in die Danziger Medizingeschichte anlässlich der Eröffnung der Staatlichen Akademie für praktische Medizin in Danzig. *Med. Welt*, 1935, 9: 457; 703; 847.

— Politics.

Beyerhaus, G. Graf Götzen und die deutsche Erhebung. 20p. 8° Bresl., 1938.

Bieder, T. Beiträge zur Geschichte der Rassenforschung und der Theorie der Germanen-Heimat. 49p. 8° Hildburghausen [1909]

Brandt, O. Selbstbestimmungsrecht der Völker und Nationalitätsprinzip; Rede. 24p. 8° Erlangen, 1930.

GERMANY. Three opinions on the [Polish] Corridor. 1 double map. [n. p.] 1939.

Heller, A. Ueber die Mitwirkung der Medizin am inneren Ausbaue des deutschen Reiches. 14p. 8° Kiel, 1905.

Hitler, A. Mein Kampf. Complete and unabridged, fully annotated. 933p. 8° N. Y., 1939.

Hueppe, F. Deutschlands Volkskraft und Wehrfähigkeit. 70p. 8° Berl., 1916.

[**Lau, A.**] Das national-sozialistische Ostpreussen. 232p. 8° Königsb. [1934]

Celler, E. Recent events in Germany. *Bull. Centr. M. Couns. Brooklyn*, 1935, 1: No. 2, 8.—**Daitz, W.** Der nordische Charakter des Dritten Reiches. *Deut. Aerzte Ztg.*, 1936, 11: No. 134.— ——— Die germanischen Ideale als Lebensgesetzmässigkeit des deutschen Volkes. *Aerztl. Ztg.*, 1938, 13: No. 450, 1.—**Feichtenbeiner, L.** Biologischer Grenzkampf. *Volk & Rasse*, 1934, 9: 389-93.—**Fünfte** Verordnung des Führers und Reichskanzlers zum Reichsbürgergesetz. *Reichsgesundtbl.*, 1938, 13: 935.—**Helbok.** Ueber die Volks- und Kulturgrundlagen des süddeutschen Raumes. *Volk & Rasse*, 1934, 9: 97-103, 2 maps.—**Krauss, H.** Arzt und Bodenreform. *Münch. med. Wschr.*, 1926, 73: 658; 702.—**Maurer, E.** Hat die Not der Kriegs- und Inflationsjahre die Lebenskraft der Bevölkerung Deutschlands nachhaltig zu beeinträchtigen vermocht? *Gesundheitsf. Kindesalt.*, 1928, 3: 13-20.—**Rauter, L.** Das Kolonialproblem. *Wien. klin. Wschr.*, 1939, 52: 318-21.—**Rimpau.** Der geistige Krieg gegen Deutschland und wir. *Münch. med. Wschr.*, 1925, 72: 1889.—**Schulz.** Stellungnahme des Kreisarztes zur Polenreform. *Zschr. Medbeamte*, 1926, 39: 461-7.—**Vierte** Verordnung des Führers und Reichskanzlers zum Reichsbürgergesetz. *Reichsgesundtbl.*, 1938, 13: 679.—**Verbung** mit Abbildungen von Angehörigen, Anlagen, Zubehör usw. der deutschen Wehrmacht, der *SA*, *HJ*, des Reichsarbeitsdienstes usw. *Ibid.*, 1939, 14: 21.

— Politics, racial.

See also Eugenics; Jew; Marriage; Sterilization.

Braun, G. *Zur Frage der Rechtsgültigkeit der Mischehen in den deutschen Schutzgebieten. 48p. 8° Greifsw., 1912.

Burgdörfer, F. Volk ohne Jugend; Geburtenschwund und Ueberalterung des deutschen Volkskörpers. 3. Aufl. 536p. 8° Heidelb., 1937.

Eichen, C. Rassenwahn; Briefe über die Rassenfrage. 273p. 12° Par., 1936.

Gradmann, R. Die Wissenschaft im Dienste der deutschen Volkspolitik. 20p. 8° Erlangen, 1932.

Müller, L. *Rassenpolitische Erhebungen in den Rhöndörfern Waldberg und Sandberg. 23p. 21cm. Würzb., 1938.

PRATJE, A. Das Rasseproblem. 34p. 22cm. Erlangen, 1938.

Adamowiczowa, S. [Racial problems in Germany] Warsz. czas. lek., 1935, 12: 825; 846.—Binder, R. M. Germany's population policy. Eugen. News, 1938, 23: 113-6.—Fischer, E. Le peuple des bastards de Rehoboth (Afrique sud-occidentale allemande) Rev. anthropol., Par., 1910, 20: 137-46.—Hartnacke, W. Welches sind die Quellgebiete des deutschen Volksnachwuchses? Volk & Rasse, 1937, 12: 223-31.—Krusse, G. Deutsche Rassenhygiene und Volkshygiene. Deut. Zschr. öff. Gesundheitsl., 1925-26, 2: 84-100.—Meinberg, W. Bauerntum und Rasse. Volk & Rasse, 1935, 10: 373.—Opitz, W. Bevölkerungspolitik und ärztliche Tätigkeit. Deut. med. Wschr., 1917, 43: 1181.—Ott, W. Die bevölkerungspolitische Lage der Ostmark. Oeff. Gesundheitsl., 1939-40, ser. A, 5: 390-6.—Pfahler, G. Rasse und Erziehung. Zschr. pädag. Psychol., 1939, 40: 201-21.—Rodenberg, C. H. Gemeinsames deutsch-italienisches Bekenntnis zum Rassengedanken im Recht. Reichsgesundhbl., 1939, 14: 412.—Schmidt-Kehl, L. Bilanz der Fortpflanzung; Auslese und Gegenauslese im deutschen Volk. Arch. Rassenb., 1939, 33: 111-26.—Schwanitz, F. Der Sippenbegriff im germanischen Bauerntum. Volk & Rasse, 1937, 12: 249-52.—Staemmler, M. Das Bekenntnis zur Rasse. Deut. Ärzte Ztg., 1934, 9: No. 402.—Tirala, L. G. Die biologische Erneuerung des deutschen Volkes. Volk & Rasse, 1933, 8: 114.—Wolff, K. F. Mischelinge; Kolonien, deutsches Neuland. Polit. anthropol. Rev., 1912-13, 11: 534-9.—Wulker, H. Auslese und Ausmerze; Herrschaft und Untergang des deutschen Hochadels. Volk & Rasse, 1936, 11: 38-48.—Zaborowski, L. Le peuple de batards de Rehoboth dans la colonie allemande du sudouest de l'Afrique. Bull. Soc. anthropol. Paris, 1910, 186-8.

Psychology.

See also **Ethnopsychology.**

TILLGNER, A. E. Der neue deutsche Mensch. 63p. 18½cm. Lpz. [1938]

Clauss, L. F. Die germanische Seele; ein psycho-anthropologischer Streifzug. Ber. Deut. Psychol. (1933) 1934, 13. Kongr., 39-56, 8 pl.—Jaensch, E. Der Gegentypus der deutschen völkischen Bewegung. Ibid., 56-8.—Kroh, O. Deutsches Menschentum. Zschr. pädag. Psychol., 1937, 38: 113-38.—Lewin, K. Some social-psychological differences between the United States and Germany. Character & Personality, 1935-36, 4: 265-93.—Pfleiderer, A. Geistige Bastardierung und Entbastardierung. Hippokrat. Stuttgart, 1936, 7: 176-8.—Schmeing, G. K. Niederdeutschland; Landschaft und Volk. Zschr. angew. Psychol., 1936, 50: 257-77.—Ungern-Sternberg, R. von. Die Bedeutung der Vererbung und der Umwelt für den Volkseigenschaften. Münch. med. Wschr., 1934, 81: 1807-9.—Vorwahl, H. Die Sexualität bei den Germanen. Neue Generation, 1928, 24: 282-4.

Sociology.

PESCHKE, M. *Bauern und Weber im Kreise Reichenbach [Breslau] 15p. 8°. Ohlau i. Schl., 1938.

Burgdörfer, S. Demographische, berufliche und soziale Struktur des deutschen Volkes. Aerzt. Mitt., 1928, 29: 132; 186.—Fürth, H. Mindesteinkommen, Lebensmittelpreise und Lebenshaltung (in Anlehnung an die Verhältnisse in Frankfurt am Main) Arch. Sozialwiss., 1911, 32: 523-42.—Hartshorne, E. Y. Metabolism indices and the annexation of Austria; a note on method. Am. J. Sociol., 1939-40, 45: 899-917.—Krose, H. A. Die Konfession in der Statistik der Bevölkerungsbewegung in Deutschland. Allg. statist. Arch., 1926-27, 16: 53-71.—Saller, K. Eugenische Erhebung bei Landkindern; über den sozialen Aufbau der Landbevölkerung und ihre Beziehungen zur sozialen Schichtung in städtischen höheren Schulen. Zschr. Kinderforsch., 1934-35, 44: 90-111.—Schelenz, C. Soziale Fürsorge auf märkischen Gütern in früheren Zeiten. Deut. med. Wschr., 1936, 62: 2132.—Ungern-Sternberg, R. von. Die Lebensbilanz von Berlin und die Ehrenpatenschaften der Stadt Berlin. Fortsch. Med., 1934, 52: 713-6.—Wolff, G. Die berufliche und soziale Umschichtung der deutschen Bevölkerung. Arch. sozial. Hyg., 1929, n. F., 4: 1-7.

Statistics.

BADEN. BADISCHES STATISTISCHES LANDESAMT. Ergebnisse der Volkszählung vom 16. Juni 1933. 24p. 4°. Karlsruhe, 1936.

BERLIN, GERMANY. STATISTISCHES AMT. Berliner Wirtschaftsberichte. Berl., v.2, 1925-

— Kleines Berliner Taschenbuch; Berlin in Zahlen (1936) 362p. 32°. Berl., 1936.

— Mitteilungen. Berl., No. 1, 1924-

— Monatsbericht. Berl., 1924-

— Statistisches Jahrbuch der Stadt Berlin. Berl., 1924-25; 1927-

BREMEN, GERMANY. STATISTISCHES LANDESAMT. Bremer Verwaltungs- und Wirtschaftsberichte. Bremen, v.1, 1930-

— Bremische Statistik (monthly) 1934. Also Sonderhefte, 1934.

— Die Volks-, Berufs- und Betriebszählung. Bremen, H. 2, 1928; H. 3, 1929; 1933.

— Handel und Verkehr in Bremen im Jahre (—) Bremen, 1934; 1934-35.

— Mitteilungen. Bremen, 1926-28.

— Monatsbericht. Bremen, 1920-29.

— Vierteljahrsheft. Bremen, 1934-39.

BRESLAU, GERMANY. STATISTISCHES AMT. Breslauer Statistik. Bresl., v.21-34, 1910-13; v.36-37, 1914-21.

— Kleines statistisches Taschenbuch für die Stadt. Bresl., 1.-7., 1926-33.

— Monatsberichte. Bresl., v.11-60, 1884-1933.

— Statistisches Jahrbuch. Bresl., 4.-7., 1927-34.

— Statistisches Taschenbuch. Bresl., 1935; 1935-36; 1938.

DANZIG, GERMANY. STATISTISCHES LANDESAMT. Danziger statistische Mitteilungen. Danzig, 1.-14., 1921-34.

DÜSSELDORF, GERMANY. STATISTISCHES AMT. Jahresbericht. Düsseldorf, 3., 1907-

GERMANY. STATISTISCHES REICHSAMT. Die Bewegung der Bevölkerung. Berl. (1907-34) 1909-38.

— Die Krankenversicherung, 1936, mit vorläufigen Ergebnissen für das Jahr 1937. 139p. 31cm. Berl., 1938.

— Statistik des Deutschen Reichs. Berl., v.203, 1907-

— Statistisches Jahrbuch für das Deutsche Reich. Berl., 1886-

— Wohnungsfürsorge in deutschen Städten. 635p. 8°. Berl., 1910.

HALLE, GERMANY. AMT FÜR WIRTSCHAFT, VERKEHR U. STATISTIK. Statistische Monatsberichte der Stadt Halle. Halle, v.27, 1933-

HAMBURG, GERMANY. STATISTISCHES LANDESAMT. Aus Hamburgs Verwaltung und Wirtschaft. Hamb., v.1, 1924-

— Statistisches Jahrbuch für die freie und Hansestadt Hamburg. Hamb., 1925-

KIEL, GERMANY. STATISTISCHES AMT. Statistisches Jahrbuch. Kiel, v.1-2, 1912-18.

— Statistische Monatsberichte der Stadt Kiel. Kiel, v.20-22, 1928-30.

— Vierteljahrsberichte. Kiel, v.22, No. 4, 1930-35.

KÖLN, GERMANY. STATISTISCHES AMT. Kölner Verwaltung, Wirtschaft und Statistik. Zeitschrift. Köln, v.2-9, 1919-32.

— Monatsbericht des Statistischen u. Einwohneramts der Stadt Köln. Köln, 16., 1929-

— Statistische Monatsberichte. Köln, 9.-15., 1922-28.

— Statistisches Jahrbuch. Köln, 1., 1911-

— Statistisches Taschenbuch. Köln, 1929-

KÖNIGSBERG. AMT FÜR WIRTSCHAFT UND STATISTIK. Statistisches Jahrbuch. Königsb., 1908-34.

MANNHEIM, GERMANY. STATISTISCHES AMT. Beiträge zur Statistik. Mannheim, No. 27-36, 1910-25.

— Mannheimer statistisches Taschenbuch. Mannheim, 1.-4., 1913-36.

— Statistische Monatsberichte. Mannheim, 2.-38., 1899-35.

NÜRNBERG, GERMANY. STATISTISCHES AMT. Statistisches Jahrbuch. Nürnberg, 1909-32.

— Statistische Monatsberichte. Nürnberg, 1920-

NÜRNBERG, GERMANY. STATISTISCHER WETTERDIENST. Beilage zum Statistischen Monatsbericht. Nürnberg, 1920-34.

OLDENBURG. STATISTISCHES LANDESAMT. Staats-Handbuch des Freistaates. Oldenburg, 1926/27; 1928-30; 1935.

STETTIN, GERMANY. STATISTISCHES AMT. Statistisches Jahrbuch. Stettin, 1910-

WINTER, W. *Ermittlungen über die Geburten- und Sterblichkeitsverhältnisse in den verschiedenen Siedlungsformen nach Erhebungen in Freiburg im Breisgau. 23p. 22 $\frac{1}{2}$ cm. Freiburg, 1937.

Allemagne. Taux de nuptialité, natalité, mortalité générale, accroissement, mortalité infantile, mortalité par sexe et par groupe d'âge (années ou périodes de 1841 à 1931). Bull. Off. internat. hyg. pub., Par., 1937, 29: 1257-9.—**Bevölkerungsbewegung** (Die) in den deutschen Großstädten im Jahre 1933. Reichsgesundhbl., 1934, 9: 171-5.—**Bevölkerungsbewegung** (Die) in den deutschen Großstädten im 2. und 3. Vierteljahr 1934. Ibid., 950.—**Bevölkerungsbewegung und Statistik**; Musterungsergebnisse 1936. Off. Gesundheitsdienst, 1937-38, 3: A, 151-4.—**Böhmert, W.** Die Elemente des Wachstums einer deutschen Großstadt Bremen, 1900 bis 1930. Bull. Inst. internat. statist., Haye, 1931, No. 2, 26: 4; 64.—**Buechner, L.** La statistique des villes allemandes après la guerre. Ibid., 1938, 28: 1. livr., 119.—**Dornedden, D.** Die Bevölkerungsbewegung in den deutschen Großstädten im Jahr 1934. Reichsgesundhbl., 1935, 10: 163-8.—**Engelsmann, R.** Vergleichende statistische Betrachtungen aus einem Stadt- und einem Landkreise Schleswig-Holsteins. Zschr. Medbeamte, 1930, 43: 4-9.—**Fischer, A.** Ueber die Entwicklung der Bevölkerungs- und Gesundheitsstatistik in Deutschland vom 15. Jahrhundert bis zum Beginn der Reichsmedizinstatistik. Med. Welt, 1935, 9: 1208-11.—**Freudenberger, K.** Fruchtbarkeit und Sterblichkeit in den einzelnen Berliner Verwaltungsbezirken. Verh. Berl. med. Ges. (1928) 1929, 59: 2. Teil, 311-9.—**Hauff, C.** Geburt und Tod in Chemnitz während der Kriegsjahre. Münch. med. Wschr., 1919, 66: 945.—**Jahresbericht** über die natürliche Bewegung der Bevölkerung in den 331 deutschen Gemeinden mit 15000 und mehr Einwohnern im Jahre 1933. Reichsgesundhbl., 1935, 10: Statist. Sondb., No. 17, 1-58.—**Meier, E., & Baland, M.** Die Bevölkerungsbewegung in den deutschen Großstädten im Jahre 1933. Ibid., 1937, 12: 449; 1939, 14: 559.—**Peiper, O.** Der Einfluss der Volkszählung 1925 auf die Statistik der Bevölkerungsbewegung. Zschr. Schulgesundhpf., 1926, 39: 161-3.—**Pohlen, K.** Die Bevölkerungsbewegung im deutschen Reich im Jahre 1933. Reichsgesundhbl., 1934, 9: 525-9.—**Prinzinger, D.** Die Geburten- und Sterblichkeitsverhältnisse in den deutschen Städten mit 15,000 und mehr Einwohnern im Jahre 1924. Deut. med. Wschr., 1926, 52: 1306.—**Recent vital statistics.** J. Am. M. Ass., 1937, 108: 407.—**Reichl, H.** Die Agglomeration der deutschen Großstädte (1910 bis 1925). Allg. statist. Arch., 1928, 18: 37-81.—**Schönberger, M.** Bevölkerungsschwerpunkt eines Salzburger Gebirgstales, 1621-1920. Mitt. Anthropol. Ges. Wien, 1926, 56: 271-81.—**Schwiening, H.** Bevölkerungsbewegung in Deutschland im Jahre 1912. Deut. med. Wschr., 1914, 40: 27.—**Seiffert, E.** Die Sterbefälle und Geburten während der letzten 60 Jahre. Off. Gesundheitsdienst, 1935, 1: B, 367.—**Silbergelt, H.** Organisation einer Statistik von Gross-Berlin. Allg. statist. Arch., 1914, 8: 332-9.—**Some vital statistics for Germany; Prussia, 1912, 1913, 1920, 1921.** Pub. Health Rep., 1923, 38: 2413.—**Ungern-Sternberg, R. von.** Die natürliche Bevölkerungsbewegung und der Gesundheitszustand in Deutschland im Jahre 1933; 1934. Münch. med. Wschr., 1934, 81: 1133; 1935, 82: 378.—**Vital statistics (Germany)** J. Am. M. Ass., 1936, 106: 1932.

GERMAR, Hans. Diagnostisches Taschenbuch. 3. Aufl. xv, 154p. 8°. Weimar, Panse, 1923.

GERMAR, Rudolf [Martin] 1900- *Dau-
erergebnisse der inneren und der chirurgischen
Behandlung des Magengeschwürs [Würzburg]
35p. 8°. [Dresd., Brückner & Roediger] 1925.

GERM cell.

See Gamete; Gametocyte; Gametogenesis;
Ovum; Spermatozoon.

GERMENOT, Pierre, 1904- *Contri-
bution à l'étude de la virulence du pneumocoque
dans les méningites sans réaction leucocytaire.
69p. 8°. Par., E. Le François, 1935.

GERMER, Wolfriedrich. *Untersuchungen
zur pathologischen Physiologie des Infarkts;
4. über die Arginase in der Nekrose; Versuchsteil
[München] p.232-6. 8°. Berl., W. de Gruyter,
1936.

Also Hoppe Seyler Zschr., 1936, 243:

GERMERIN.

Haas, H. T. A. Zur Pharmakologie des Germerins
und seiner Spaltprodukte. Arch. exp. Path., Lpz., 1938, 189:
397-420.

GERMICIDE.

See also Antisepsis; Antiseptics; Bacteria,
Viability; Bacteriophage; Disinfectant; Disin-
fection; Dye, Antiseptic effect; also names of
substances.

Berry, H., Jensen, E., & Siller, F. K. The sterilisation of
thermolabile substances in the presence of bactericides. Q. J.
Pharm., Lond., 1938, 11: 729-35.—**Brann, G.** Untersuchungen
über die Bactericide der Haut, der Haare und des Ohren-
schmalzes; in-vitro-Versuche mit Haut-, Haar- und Ceru-
menextrakt. Klin. Wschr., 1928, 7: 2059.—**Cluzet, Rochoix &
Kofman.** Effets bactéricides de l'action combinée du gal-
vanotropisme et des rayons X. C. rend. Soc. biol., 1923, 88:
780.—**Cope, V. Z., Fleming, A.** [et al.] Discussion on the indi-
cations for and the value of the intravenous use of germicides.
Proc. R. Soc. M., Lond., 1931, 24: 805-26.—**Dubos, R. J.**
Studies on a bactericidal agent extracted from a soil bacillus;
preparation of the agent; its activity in vitro. J. Exp. M.,
1939, 70: 1-10. — Protective effect of the bactericidal
agent against experimental pneumococcus infections in mice.
Ibid., 11-7.—**Levy, E., Blumenthal, F., & Marxer, A.** Abtö-
tung und Abschwächung von Mikroorganismen durch chemisch
indifferente Körper. Zbl. Bakt., 1. Abt., 1906, 42: 265-70.—
Poste de détoxication chimique et de désinfection germicide.
Bull. sc. pharm., Par., 1939, 46: prof., 103.—**Wulff, F.** On
bactericides. Acta path. microb. scand., 1924, 1: 353-77, pl.

— Comparative value.

KOGAN, V. *Vergleichende Untersuchungen
über die baktericide Wirkung von Targesin,
Mercurochrom, Sublimat und Oxycyanat. 16p.
11 tab. 8°. Berl., 1936.

Allen, A. W. A comparative study of the bactericidal values
of 21 commonly used antiseptics. Arch. Surg., 1929, 19:
512-7.—**Cavazzuti, A.** Sul potere battericida dei sali di tellurio
e di selenio. Ann. igiene, 1921, 31: 551-4.—**Clark, A. W., &
Mathey, G. S.** The germicidal properties of some of the
commoner volatile liquids. Am. J. Surg., 1919, 33: 304-6.—
Dacis, F. Dokumente über den klinischen Wert des bacteri-
ciden Index. Arch. Gyn., Berl., 1930-31, 144: 527-33 [Dis-
cussion] 537-40.—**Fabrikant, I. E., & Plisan, O. G.** [Comparative
evaluation of the action of new bactericidal substances in
vitro] Vest. khir., 1939, 57: 262-9.—**Henderson, H. B.** A
comparative study of mercurochrome and hexylresorcinol as
antiseptics during labor. Am. J. Obst., 1932, 23: 430.—
Hoder, F. Die bakterizide Wirkung von Silargel und Adsorgan.
Münch. med. Wschr., 1931, 78: 525.—**Kelser, R. A., & Mohri,
R. W.** Comparative germicidal tests of mercurochrome and
tincture of iodine. J. Am. Vet. M. Ass., 1932, 80: 87-95. Also
repr.—**Kemp, H. A., & Fleisher, M. S.** The bactericidal
influence of various substances upon gram-positive and gram-
negative bacteria. Proc. Soc. Exp. Biol., N. Y., 1926-27, 24:
101-3.—**Kriegler, S. G.** The action of various aniline dyes
on certain microorganisms. Zbl. Bakt., 1. Abt., 1911, 59:
Orig., 481-90.—**Liddo, S.** Saggi sul potere battericida di due
nuovi disinfettanti: amuchina e antisapril. Iggiene mod., 1940,
33: 7-12.—**Malcolm, W. G.** The efficiency of certain germi-
cides in the preservation of biologic products. J. Bact., Balt.,
1931, 22: 403-25.—**Morel, A., & Rochoix, A.** Recherches
comparatives sur l'action microbicide des vapeurs de quelques
essences végétales. C. rend. Soc. biol., 1921, 85: 861-3.—
Onufrio, O. Sull'azione microbica dell'acido cloridrico e
dell'acido acetico diluiti. Gior. ital. mal. esot., 1931, 4: 131.—
Reddish, G. F., & Drake, W. E. Mercurochrome-220 soluble
and U. S. P. tincture of iodine; comparison of germicidal
efficiency in skin disinfection. J. Am. M. Ass., 1928, 91:
712-6.—**Scott, W. W., Hill, J. H., & Ellis, M. G.** Action of
mercurochrome and tincture of iodine in skin disinfection; a
comparative study. Ibid., 1929, 92: 111-6.—**Simmons, J. S.**
Bactericidal action of mercurochrome-220 soluble and iodine
solutions in skin disinfection. Ibid., 1928, 91: 704-8. Also
Surg. Gyn. Obst., 1933, 56: 55-61.—**Süpfle, K., & Hofmann, P.**
Experimentelle Untersuchungen über die bakterizide Wirkung
von Silargel und Adsorgan. Arch. Hyg., Münch., 1930, 103:
365-78.—**Thaysen, A. C., & Williams, L. H.** On the bacteri-
cidal properties of ether, alcohol, chloroform and carbon
bisulphide. Zbl. Bakt., 2. Abt., 1931, 84: 252-60.—**Varga, F.**
[On the germicidal properties of solutions containing potassium
permanganate and oxycyanate of mercury] Magy. orv. arch.,
1935, 36: 237-43.

Examination.

AHLKE, M. *Die baktericide Wirkung verschiedener Chemotherapeutika im Reagensglas. 19p. 8° Münster, 1937.

Baumgartner, J. G., & Wallace, M. D. A note on the influence of the protein content of the recovery medium in germicidal tests. *J. Hyg., Camb.*, 1935, 35: 534-9.—Bronfenbrenner, J., Hershey, A. D., & Doubly, J. A. Evaluation of germicides by a manometric method. *Proc. Soc. Exp. Biol.*, N. Y., 1938, 38: 210-2. Also *J. Bact., Balt.*, 1939, 37: 583-97.—Bryan, A. H. A modified reddish cup technique for evaluating the germicidal activity of liquid antiseptics. *J. Am. Pharm. Ass.*, 1938, 27: 654-7.—Daels, F. Relativer und absoluter Bakterizidindex. *Zbl. Gyn.*, 1931, 55: 281-6.—Damme, L. van. Präoperative, präparat und therapeutische Bestimmung des bactericiden Index. *Arch. Gyn., Berl.*, 1930-31, 144: 533-40.—Eisenberg, F. Ueber spezifisch bakterizide Wirkungen; Methodik der Versuche; Wirkung von anorganischen Alkalien und Säuren. *Bull. internat. Acad. polon. sc.*, 1936, cl. méd., 251-65.—Ely, J. O. The evaluation of germicides by the manometric method. *J. Bact., Balt.*, 1939, 38: 391-400.—Foter, M. J., & Kline, E. R. A quantitative method for testing the bactericidal efficiency of volatile compounds. *Ibid.*, 1940, 39: 6.—Hunt, G. A. The use of cutaneous staphylococcus lesions in mice for the evaluation of the germicidal activity of disinfectants. *J. Infect. Dis.*, 1937, 60: 232-7.—Knighton, H. T. Significance of tests for the evaluation of antiseptics and germicides. *J. Am. Dent. Ass.*, 1939, 26: 2047-55.—Kredba, M. [Determination of the bactericidal value of disinfectants] *Cas. lék. česk.*, 1926, 65: 551-4.—Leonard, G. E., & Heacock, E. A practical method for testing the germicidal power of certain products. *Am. J. Pharm.*, 1927, 99: 335-40.—Peragallo, I. Rilevi critici ed osservazioni sperimentali sulle metodiche di valutazione pratica dell'attività dei disinfettanti e degli antisettici. *Boll. Ist. sieroter. milan.*, 1940, 19: 68-76. Also *Rev. sudamer. endocr.*, B. Air, 1940, 23: 355; 399.—Perkins, J. A. Preliminary report of a method for estimating in vivo the germicidal activity of antiseptics. *Ann. Surg.*, 1918, 68: 241-4, ch.—Reddish, G. F. Determining the germicidal efficiency of disinfectants. *Am. J. Pub. Health*, 1926, 16: 283-6.—Salle, A. J. A new method for the evaluation of germicidal substances. *J. Bact., Balt.*, 1937, 33: 33. — The evaluation of a group of germicides by the tissue-culture technic. *Ibid.*, 1938, 36: 264. — McOmie, W. A. [et al.] An improved method for the evaluation of germicidal substances. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 694-8. — The evaluation of a group of germicides by the tissue culture technique. *J. Bact., Balt.*, 1939, 37: 639-46.—Salle, A. J., McOmie, W. A., & Shechmeister, I. L. A new method for the evaluation of germicidal substances. *Ibid.*, 1937, 34: 267-73.—Slipenko, F. N., & Popov, V. S. [Checking new bactericide preparations in laboratory and clinical conditions] *Nov. khir. arkh.*, 1938, 40: 334-40.—Tonney, F. O., Greer, F. E., & Danforth, T. F. The minimal chlorine death points of bacteria; vegetative forms. *Am. J. Pub. Health*, 1928, 18: 1259-63.—Tonney, F. O., Greer, F. E., & Liebig, G. F. The minimal chlorine death points of bacteria; vegetative forms; spore-bearing organisms. *Ibid.*, 1930, 20: 503-8.—White, H. J. Peptone-dextrose broth for use in studies of antibacterial action. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 43: 214-6.—Withell, E. R. The evaluation of bactericidal action. *Q. J. Pharm., Lond.*, 1938, 11: 736-57.—Zobell, C. E., & Wells, N. A. Tolerance of *Fundulus parvipinnis* to certain bactericidal substances. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 704-6.

Mode of action.

Bachman, G. W. Chemical constitution and germicidal action. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 249.—Cambosio, G. Ricerche sui rapporti tra isomeria e potere battericida di alcune sostanze chimiche. *Igiene mod.*, 1932, 25: 108-21.—Cooper, E. A., & Forstner, G. E. Studies on selective bactericidal action. *Biochem. J., Lond.*, 1924, 18: 941-7.—Cooper, E. A., & Haines, R. B. The influence of temperature on bactericidal action. *J. Hyg., Camb.*, 1928-29, 28: 163-71.—Cooper, E. A., & Mason, J. Studies of selective bactericidal action. *Ibid.*, 1927-28, 26: 118-26. — Further investigations on selective bactericidal action. *J. Path., Edinb.*, 1928, 31: 343-51.—Coulthard, C. E. The effect of germicides at 80° C. *Pharm. J., Lond.*, 1934, 133: 447.—Cowles, P. B. The germicidal power of some alcohols for *Bacterium typhosum* and *Staphylococcus aureus*, and its relation to surface tension. *Yale J. Biol.*, 1938-39, 11: 127-35.—Cruss, W. V., & Irish, J. H. Further observations on the relation of p_H value to toxicity of preservatives to microorganisms. *J. Bact., Balt.*, 1932, 23: 163-6.—Effect (The) of salts upon the germicidal action of phenol and sec-amyltriethanol. *Gradwohl Lab. Digest*, 1938, 2: No. 3, 1.—Eisenberg, F. Ueber spezifisch bakterizide Wirkungen; allgemeines über die Faktoren der spezifischen Bakterizidie; Wirkungen der Paraffine, Olefine und ihrer Halogenderivate. *Bull. internat. Acad. polon. sc.*, 1936, cl. méd., 267-83. — Ueber spezifisch bakterizide Wirkungen; Wirkungen aliphatischer Alkohole, Aether, Aldehyde und Ketone. *Ibid.*, 285-96. — Wirkungen aliphatischer Säuren, ihrer Salze u. Ester, Amine und Säureamide. *Ibid.*, 297-315. — Wirkungen der Naphtole und ihrer Derivate, der Terpene, Campher und ätherischen Öle, der organischen Schwefelverbindungen, der zyklischen Kohlenwasserstoffe und anderer. *Ibid.*, 483-98.

Reihen und Alkylwirkungen; der Einfluss der Molekülvergrößerung. *Ibid.*, 499-514. — Ueber spezifisch bakterizide Wirkungen; Toxizität und Oberflächenspannung. *Ibid.*, 609-23. — Ueber spezifisch bakterizide Wirkungen; Toxizität und innere Reibung. *Ibid.*, 625-46. — Ueber spezifisch bakterizide Wirkungen; Toxizität und Diffusionskonstante sowie kolloidechemische Wirksamkeit. *Ibid.*, 647-66. — Ueber spezifisch bakterizide Wirkungen; chemische Konstitution und Grampspezifität. *Ibid.*, 667-91. — Ueber spezifisch bakterizide Wirkungen; Versuch einer Theorie der spezifischen Bakterizidie. *Ibid.*, 1937, cl. méd., 381-433, tab. — Ueber spezifisch bakterizide Wirkungen; XVIII und XIX Mitteilung. *C. rend. Acad. polon. sc.*, 1937, cl. méd., No. 6, 4-6.—Gabbano, L. Influenza dell'agitazione sul potere battericida di alcuni composti chimici in soluzione acquosa. *Igiene mod.*, 1934, 27: 245-50.—Gála, C. Increase in bactericidal quality of Pregel's solution by addition of peroxyde of hydrogen. *Cas. lék. česk.*, 1928, 67: 186-9.—Goodrich, P. Increase of bactericidal action of germicides by variation of p_H . *J. Am. Pharm. Ass.*, 1938, 27: 1233-7.—Hirschfelder, A. D., & Pankow, L. J. Does the introduction of an ethoxy group into aromatic compounds increase their bactericidal action upon the pneumococcus and the gonococcus? *Proc. Soc. Exp. Biol.*, N. Y., 1921-22, 19: 61-7.—Horton, Bernice T., & Kichin, P. C. The limiting effect of coagulation on the action of germicides. *J. Am. Dent. Ass.*, 1933, 20: 263-73.—Ishiwara, F. Bakterizide Kraft und chemische Struktur. *Zschr. Immunforsch.*, 1924, 40: 429-52.—Keily, K. A. The specificity of bacteria to the bacteriolytic action of chemicals with a note on this application to chemotherapy. *J. Lab. Clin. M.*, 1928-29, 14: 539-46.—Kissmeyer, A. [A method of producing increased diffusion in tissues as a basis for obtaining deep bactericidal action] *Ugeskr. læger.*, 1928, 90: 542-6.—Knaysi, G. Disinfection; do bacteria die logarithmically? *J. Infect. Dis.*, 1930, 47: 322-7.—Leitner, N. Disinfection; the manner of death of certain bacteria and yeasts when subjected to mild chemical and physical agents. *Ibid.*, 303-17.—Lambert, R. A. The comparative resistance of bacteria and human tissues to certain germicidal substances. *J. Am. M. Ass.*, 1916, 67: 1300.—Leitner, N. Der Einfluss von Elektrolyten auf die bakterizide Wirkung von Kupfer- und Silbersalzen; die Abhängigkeit der bakteriziden Wirkung von der elektrostatischen Ladung der Bakterien. *Biochem. Zschr.*, 1930, 221: 42-63.—Mazzetti, G. Ulteriori ricerche sul potere battericida di alcuni composti isomeri con speciale riguardo al p_H e alla tensione superficiale delle loro soluzioni. *Boll. Soc. ital. biol. sper.*, 1931, 6: 1108.—Miyawaki, C. Quantitative relation between germicides and bacteria, and a contribution to the knowledge of the nature of germicidal action. *Jap. J. Exp. M.*, 1935, 13: 661-722.—Morel, A., & Rochaix, A. Sur la nature des propriétés microbicides des essences végétales et de leurs constituants définis. *C. rend. Soc. biol.*, 1929, 101: 1152.—Reiner, L. A note on the relation between toxicity, resistance, and time of survival. *J. Gen. Physiol.*, 1935-36, 19: 419-22.—Rimpau, W., Plochmann, E., & Schneider, G. Untersuchungen über Emulgierung und keimtötende Wirkung. *Arch. Hyg., Münch.*, 1931-32, 107: 268-76.—Rosenthal, S. M., & Bauer, H. Some relations of chemical structure to toxicity and to antibacterial action. *J. Bact., Balt.*, 1940, 39: 28.—Schafer, J. M., & Tilley, F. W. Further investigations of the relation between the chemical constitution and the germicidal activity of alcohols and phenols. *Ibid.*, 1927, 14: 259-73.—Schwarz, G. Bakterizidie und Temperatur. *Deut. med. Wschr.*, 1924, 50: 754-6.—Stefanni, A. Probabile meccanismo dell'azione microbicida delle radiazioni e delle sostanze asettiche. *Riforma med.*, 1929, 45: 740-3.—Tagami, M. Ueber die Beziehung zwischen der Wasserstoffionenkonzentration und der Bakterizidwirkung verschiedener bakterizider Farbstoffe. *Tohoku J. Exp. M.*, 1931-32, 18: 482-511.—Tilley, F. W., & Schaffer, J. M. Relation between the chemical constitution and germicidal activity of the monohydric alcohols and phenols. *J. Bact., Lond.*, 1926, 12: 303-9.—Welch, H. Mechanism of the toxic action of germicides on whole blood measured by the loss of phagocytic activity of leucocytes. *J. Immun., Balt.*, 1939, 37: 525-35.—Wulff, F. The protective power of immune serum for paratyphoid and typhoid bacilli and meningococci tested against the bactericidal substances in normal serum. *Acta med. scand.*, 1924, 61: 20-41.

Preparations.

BECKER, E. *Untersuchungen über die bakteriziden Kräfte der vergasteten Säuregemische Kapffacid E 111 und Kapffacid 101 sowie des Säuresalzpräparates Utal [Jena] 76p. 8° Coburg, 1930.

BREYER, H. *Ueber die keimtötende Wirkung der Vuzinotoxindibenzoesäure. 24p. 22½cm. Bonn, 1936.

DATZ, B. *Ueber die antibakterielle Wirkung von Pflanzendrogen [Giessen] p.521-6. 22cm. Dresd., 1938.

SURZYŃSKI, L. *Ueber sporentötende Mittel [Leipzig] 33p. 8° Hohensalza, 1917.

WARNY, P. B. *Experimentelle Versuche über die Fusionskraft und bakterizide Wirkung von Rümmlol und Phenol. 27p. 8°. Bonn, 1926.

WEINBRECHER, H. *Untersuchungen über Targophagin mit besonderer Berücksichtigung seiner therapeutischen und bakteriziden Wirkung in der Mundhöhle [Freiburg] 17p. 21cm. Schramberg (Schwarzwald) 1936.

Althausen, V. L., & Kristanov, T. A. [Albichthol, its bactericidal properties, effect on normal skin and its use in diseases of the skin] Sovet. vest. vener., 1934, 3: 530-7.—Axe, W. N., & Henson, D. D. Germicide. U. S. Patent Off., 1940, No. 2,198,899.—Bartos, D. [Bactericide effect of disinfecting mixtures] Ory. hetil., 1937, 81: 625.—Churchman, J. W. The selective bactericidal effect of acid fuchsin and sodium chloride. Proc. Soc. Exp. Biol., N. Y., 1921-22, 19: 288-90.—Corkill, A. B. Extract from the Baker Institute report on the germicidal effect of Dettol. Health Bull., Melb., 1938, Nos. 55-56, 1537.—Dessy, G. L'azione del cianuro di sodio su alcuni microrganismi studiati nei riguardi delle loro appartenenza al regno animale o vegetale. Sperimentale, 1924, 78: 87-96.—Eggerth, A. H. The bactericidal action of acridine dyes and the adjuvant effect of serum. J. Infect. Dis., 1926, 38: 440-60.—Eickmann & Heinick. Versuche über die bakterizide Kraft eines neuen Desinfektionsmittels Wredan in gasförmiger Anwendung. Prakt. Desinfekt., 1922, 14: 5.—Engels, W. H., & Wejlard, J. Germicide. U. S. Patent Off., 1940, No. 2,209,769.—Erckhovitch-Gasteva, M. P. [Experimental and bacteriological tests of Dr Zbarsky's bactericide] Khirurgia, Moskva, 1937, No. 2, 53-60.—Guest, H. L. Germicide. U. S. Patent Off., 1940, No. 2,209,454.—Guistein, M. Ueber die Giftigkeit von Schwermetallsalzen für Mikroorganismen. Zbl. Bakt., 1. Abt., 1932, 124: 572-4.—Hamilton, H. C. The germicidal value of mercuric iodide alone and associated with soap. J. Am. Pharm. Ass., 1920, 9: 497-501.—Klarmann, E. Germicidal preparation. U. S. Patent Off., 1934, No. 1,984,646.—Koshelev, V. I. [Bactericidal properties of creolin, lysol, formalin and potassium permanganate] Tr. Inst. eksp. vet. med., Moskva, 1927, 4: 26-35.—Kovtunovich, G. P., & Cherniaia, L. A. [Bactericidal properties of Dr Zbarsky's preparation] Khirurgia, Moskva, 1937, No. 2, 61-6.—Lange, W. Ueber die bakterizide Wirkung des Silargels und die Möglichkeit seiner Verwendbarkeit zur inneren Desinfektion in der Veterinärmedizin. Deut. tierärztl. Wschr., 1929, 37: 200-4.—Perini, P. E. Osservazioni sul potere battericida dell'aceto katadinizzato, e sul suo impiego pratico nella disinfezione degli ortaggi. Ann. igiene, 1936, 46: 541-6.—Pietravalle, N. Sull'azione battericida di alcuni sali organici nuovi. Rinasc. med., 1927, 4: 77-9.—Pozzilli, P. Un nuovo fermento battericida. Rev. mex. biol., 1926, 6: 192-8.—Rozanova, M. D. [Prof. Zbarsky's bactericide in experiment] Probl. tuberk., Moskva, 1938, No. 7-8, 29-33.—S., M. [Bactericide] Farmacia, Moskva, 1939, No. 8, 26.—Stancescu, I. [Dr Wander's Germicid as antifebrile, analgesic and antirheumatic] România med., 1937, 15: 286.—Stover, N. M., & Hopkins, B. S. Fungicidal and bactericidal action of selenium and tellurium compounds. Indust. Engin. Chem., 1927, 19: 510-3.—Synthetic cleansing agents may be used against germs. Science News Lett., 1940, 38: 12.—Tetsumoto, S. Sterilizing action of saturated monobasic fatty acids on putrefactive bacteria, B. typhosus and Vib. cholerae. Jap. J. Exp. M., 1933, 11: 247-52.—Walter, C. W. The use of a mixture of coconut oil derivatives as a bactericide in the operating room. Surg. Gyn. Obst., 1938, 67: 683-8.

GERMINATION.

See also Cell division; Embryogeny; Endosperm; Fertility; Germ plasm; Growth; Seed; Spore; also under names of plants.

Bonnet, R. L'évolution de l'azote au cours de la germination. Bull. Soc. chim. biol., Par., 1929, 11: 1025-61.—Clementi, A., Torrisi, D., & Ruta, C. Ricerche di embriochimica vegetale: sulla sintesi di nuovi aminoacidi durante i primi giorni di sviluppo dei semi di frumento Mentana in soluzioni saline prive di azoto. Arch. sc. biol., Bologna, 1934-35, 21: 483-94.—Craig, F. N. The respiratory quotient of seedlings of *Lupinus albus* during the early stages of germination. J. Gen. Physiol., 1936-37, 20: 449-53.—Daggs, R. G., & Halero-Wardlaw, H. S. The conversion of fat to carbohydrate in the germinating castor bean; the combustion respiratory quotient as determined by a modified oxycalorimeter. Ibid., 1933, 17: 303-9.—Damodaran, M., & Nair, K. R. Glutamic acid dehydrogenase from germinating seeds. Biochem. J., Lond., 1938, 32: 1064-74.—Davis, B. M. A method of obtaining complete germination of seeds in *Oenothera*, and of recording the residue of sterile seed-like structures. Proc. Nat. Acad. Sc. U. S., 1915, 1: 360-3.—De Graeve, P. Evolution de l'azote purique au cours de la germination. C. rend. Acad. sc., 1937, 204: 445-7.—Domenico, G. Variazioni stagionali dell'attività ossidante nel seme di grano e di canapa. Gior. biol. appl., 1934, 4: 185-93.—Dufrénoy, J. Sur des phénomènes préparant la germination. C. rend. Soc. biol., 1928, 98: 1497.—Euler, H. von, Philipson, T., & Burström, D. Biokatalysatoren bei der Keimung. Zschr. physiol. Chem., 1932, 208: 281-4.—Euler, H. von & Sjöman, B. Dipeptid-Spaltung in keimenden Chlorophyll-

Mutanten der Gerste. Biochem. Zschr., 1933, 264: 237-45.—Euler, H. von & Welchert, R. Entwicklung dehydrierender Enzymsysteme bei der Keimung von Samen. Zschr. physiol. Chem., 1935, 233: 81-6.—Garber, R. J., & Quisenberry, K. S. Delayed germination and the origin of false wild oats. J. Hered., 1923, 14: 267-74.—Girtschanov, K. Stickstoffbindung durch keimende Leguminosensamen ohne Mitwirkung von Knöllchenbakterien? Zbl. Bakt., 2. Abt., 1935, 92: 349-63.—Gonçalves da Cunha, A. Observations cytologiques sur la germination des graines; vacuole et appareil de Holmgren. C. rend. Soc. biol., 1928, 98: 1594-6.—Hamant, C. L'acide évanhydrique et les nitrates au cours de la germination du Sorgho. C. rend. Acad. sc., 1935, 201: 1503-5.—Harris, J. A. The relationship between the weight of the seed planted and the characteristics of the plant produced. Biometrika, Camb., 1914, 10: 72-84.—Héce, A., & Bayle, L. Recherches chimiques sur la germination; évolution des substances grasses et du phosphore lipidique chez le *Lupinus albus* au cours des premiers stades du développement. Bull. Soc. chim. biol., Par., 1932, 14: 758-82.—Herrera, A. L. Croissance et germination des semences artificielles. Bull. Lab. plasmogénie, Méc., 1934, 1: 61.—Hofmann, J. V. Natural reproduction from seed stored in the forest floor. J. Agr. Res., 1917, 11: 1-26, 7 pl.—Honing, J. A. The heredity of the need of light for germination in tobacco-seeds. Proc. Akad. wet. Amsterdam, sect. sc., 1926, 29: pt 2, 823-33.—Jono, Y. Vergleichende Untersuchungen über den Fermentgehalt der ruhenden und keimenden Pflanzensamen. Acta Scholae med. Univ. Kioto, 1930-31, 13: 211-38.—Kao, Hsueh-Chung. Lipid metabolism in the mung bean during germination. Biochem. J., Lond., 1936, 30: 202-7.—Lambert, J. Les variations du métabolisme de l'embryon de pois au début de la germination. C. rend. Soc. biol., 1933, 112: 1564-9.—Leach, W. Researches on plant respiration; the relation between the respiration in air and in nitrogen of certain seeds during germination; seeds in which carbohydrates constitute the chief food reserve. Proc. R. Soc., Lond., 1935-36, ser. B, 119: 507-21.—& Dent, K. W. The relationship between the respiration in air and in nitrogen of certain seeds during germination: seeds in which fats constitute the chief food reserve. Ibid., 1934, 116: ser. B, 150-69.—Lemarchands, J. Sur les proportions, à localisation des hydrates de carbone dans la graine d'*Helianthus annuus* et leurs variations au cours de la germination. C. rend. Acad. sc., 1929, 189: 1323-5.—Löfgren, N. Tryptophan and Chlorophyll in Keimblättern mutierender Gerstensorten. Zschr. physiol. Chem., 1936, 241: 142-7.—Manceau, R., Revol, L., & Charmillon, R. Variation du phosphore éther-soluble au cours de la maturation et de la germination des graines de Marron d'Inde. C. rend. Soc. biol., 1932, 110: 850-3.—Murlin, J. R. The conversion of fat to carbohydrate in the germinating castor bean; the respiratory metabolism. J. Gen. Physiol., 1933, 17: 283-302.—Nativ, H. [Ascorbic acid in germinating cereals] Nord. med., 1939, 2: 1502-4.—Nielsen, N. Untersuchungen über die Keimung der Gerste; die Atmung während des Mälzens. C. rend. Lab. Carlsberg, 1937, 22: physiol., 49-60.—Nord, F. F., & Weichherz, J. Zur Kenntnis der enzymatischen Vorgänge in der keimenden Gerste. Zschr. physiol. Chem., 1929, 183: 218-25.—Nothmann-Zuckerandl. Physikalisch-chemische Arbeiten auf dem Gebiete der Botanik; über Keimung. Internat. Zschr. phys.-chem. Biol., 1915, 2: 94-106.—Pethybridge, G. H. Is it possible to distinguish the seeds of wild white clover from those of ordinary white clover by chemical means during a germination test? Econom. Proc. R. Dublin Soc., 1916-19, 2: 248-58.—Pierce, H. B., Sheldon, D. E., & Murlin, J. R. The conversion of fat to carbohydrate in the germinating castor bean; the chemical analysis, and correlation with respiratory exchange. J. Gen. Physiol., 1933, 17: 311-25.—Pirsche, K. Acetaldehyd als Zwischenprodukt bei der Keimung fettthätiger Samen. Biochem. Zschr., 1926, 169: 482-9.—Sadasiyan, V., & Sreenivasan, A. Die Anwendung der Kjeldahl-Methode für Untersuchungen über die Bindung von Stickstoff durch Samen von Leguminosen während der Keimung. Ibid., 1938, 296: 434-42.—Snow, R. Germination tests with pollen of stocks. J. Genet., Lond., 1924-25, 15: 237-43.—Solacoin, T., & Welles, E. La variation des saponines pendant la germination et le développement des plantules et des plantes, chez quelques espèces de graminées. C. rend. Soc. biol., 1935, 120: 662-4.—Stevens, O. A. Germination studies on aged and injured seeds. J. Agr. Res., 1935, 51: 1093-106, pl.—Stiles, W., & Leach, W. Researches on plant respiration; the course of respiration of *Lathyrus odoratus* during germination of the seed and the early development of the seedling. Proc. R. Soc., Lond., ser. B, 1932, 111: 338-40.—Variations in the respiratory quotient during germination of seeds with different food reserves. Ibid., 1933, ser. B, 113: 405-28.—Sukhov, K. S. [Changes in the nuclei of the embryos of *Avena sativa* during germination] Biol. J., Moskva, 1938, 7: 279-86.—Vasilenko, I. T. [Significance of morphology in the germination in higher plants from the viewpoint of Darwinism] Priroda, Leningr., 1939, 28: No. 3, 49-52.—Vita, N. Ueber die Ausnützung des atmosphärischen Stickstoffs durch keimende Samen (Beobachtungen an *Lupinus* naseam bei besonderen Umgebungsbedingungen) Biochem. Zschr., 1932, 245: 210-7.—& Sandrinelli, R. Ueber die Ausnützung des atmosphärischen Stickstoffs durch keimende Hülsenfruchtsamen. Ibid., 255: 82-7.—Influenza del contenuto iniziale d'azoto sul processo di utilizzazione dell'azoto atmosferico da parte dei semi di leguminose in germinazione. Gior. biol. appl., 1935, 5: 17-23.—Dell'influenza di alcune sostanze sulla variazione del contenuto

d'azoto dei semi di leguminose durante la germinazione (influenza dell'aggiunta di sostanze zuccherine) Ibid., 41-51.—Welsch, H. Sur la distribution de l'eau, de la matière sèche et de l'azote au cours de la germination chez *Impatiens balsamina* (L.) Protoplasma, Lpz., 1934, 22: 63-127.—Yonosuke Okada. Study of *Euryale ferox*, Salisb.; change of catalase and germination percent during the after-ripening of the seeds. Tohoku Univ. Sc. Rep., 1931, 6: 429-36.

— Effect of various factors.

BURUNJIK, M. *The conditions necessary for the germination of the seeds of some plants native to the Chicago region. 31p. 8° Chic., 1932.

Caraman, M. de, & Champy, C. Action de la radio-émanation sur la germination des graines. C. rend. Soc. biol., 1936 121: 750-2.—Chippindale, H. G. The effect of soaking in water on the seeds of some gramineae. Ann. Appl. Biol., Lond., 1934, 21: 225-32.—David, R. L'influence de l'hormone gonadotrope antéhypophysaire sur la germination. C. rend. Soc. biol., 1938, 128: 569-72.—Dufrenoy, J., & Radoeff, A. Effets du nitrate d'argent et de l'hexylrésorcine sur la germination tu tabac. Ibid., 1932, 110: 195-7.—Edwards, T. I., Pearl, R., & Gould, S. A. The growth and duration of life of *Celosia cristata* seedlings at different temperatures. J. Gen. Physiol., 1934, 17: 763-81. Also repr.—Feren, T., & Starzewski, W. [Effect of blood, urine and gonadotropic hormones on the germination and growth of grain] Gin. polska, 1936, 15: 217-49.—Flint, L. H., & McAlister, E. D. Wave lengths of radiation in the visible spectrum inhibiting the germination of light-sensitive lettuce seeds. Smithsonian Misc. Coll., 1935, 94: 1-11.—Fred, E. B. The effect of green manures on the germination of various seeds. Science, 1915, n. ser., 42: 318.—Gilles, E. Influence des rayons ultra-violet sur la germination des graines irradiées à l'état sec. C. rend. Soc. biol., 1932, 110: 841-5.—Grace, N. H. Effects of 2 preparations of naphthylacetic acid on the germination and early growth of wheat seed damaged by formaldehyde. Canad. J. Res., 1940, 18: sect. C, 215-8.—Hurel-Py, Recherches sur les conditions du p_a nécessaires pour obtenir la germination des grains pollen et la coloration vitale de leurs vacuoles. C. rend. Acad. sc., 1934, 198: 195-7.—Jones, E. S. Influence of temperature on the spore germination of *Ustilago zeae*. J. Agr. Res., 1923-24, 24: 593-7.—Kisser, J. Zur Analyse chemischer Reizerfolge auf die Samenkeimung. Beitr. Biol. Pflanz., 1932, 20: 59-62.—Lambert, J. Nouvelles recherches sur la radiosensibilité des graines au début de la germination. C. rend. Soc. biol., 1932, 110: 580-3.—Leonardi, P. Contributo alla conoscenza delle azioni dei sali su germogliamento dei semi e sullo sviluppo della piantine. Riv. biol., 1932, 14: 217-27.—Lesage, P. Germination des graines de *Lepidium sativum* dans les solutions d'électrolytes. C. rend. Acad. sc., 1917, 164: 119-21.—Lustig, B., & Wachtel, H. Ueber biochemische Beeinflussung der Keimung und des Wachstums der Cardaminesamen; Einfluss der äusseren Faktoren und der Salze. Biochem. Zschr., 1938, 296: 13-27.

— Action d'extraits d'organes des animaux sur la germination des plantes. C. rend. Soc. biol., 1939, 132: 224-7.— Action d'extraits de tumeurs bénignes et malignes sur la germination et la croissance des plantes. Ibid., 246-9.—Marquenne, L., & Demoussy, E. Influence de l'eau et des matières minérales sur la germination des pois. C. rend. Acad. sc., 1917, 164: 979-85.—Montet, D. De l'influence des faibles radioactivités sur la germination. C. rend. Soc. biol., 1932, 109: 678-80.—Nattan-Larrier, R. Action nocive des téguments sur la germination du pois gris d'hiver. Ibid., 815-7.—Niethammer, A. Fortlaufende Untersuchungen über den Chemismus der Angiospermensamen und die äusseren natürlichen, wie künstlichen Keimungsfaktoren; der Einfluss des Frostes auf die Keimfähigkeit. Biochem. Zschr., 1928, 197: 241-4. — Der Acetaldehyd. Ibid., 245-56.—Nihous, M. La germination des semences de *Geum urbanum*; influence de divers facteurs. C. rend. Soc. biol., 1939, 132: 499-501.—Quernheim, T. Einfluss verschiedener Lichtarten auf das Wachstum keimender Pflanzen. Strahlentherapie, 1937, 58: 319-29.—Radu, V. V. Germination des graines de *Vicia faba* à des températures basses et élevées (étude cytologique). C. rend. Soc. biol., 1933, 114: 69-72.—Smith, D. C. Influence of moisture and low temperature on the germination of hop seeds. J. Agr. Res., 1939, 58: 369-81.—Solacolu, T., & Constantinesco, D. Action de l'acide β -indolylacétique sur la germination et le développement des graines. C. rend. Soc. biol., 1937, 124: 492-4.—Tang, P. S. The effects of CO and light on the oxygen consumption and on the production of CO₂ by germinating seeds of *Lupinus albus*. J. Gen. Physiol., 1932, 15: 655-65.— Temperature characteristic for the anaerobic production of CO₂ by germinating seeds of *Lupinus albus*. Ibid., 16: 65-73.—Tirelli, M. Action de la connexion électrique avec le sol sur la germination de quelques plantes et sur le développement du ver à soie. Arch. phys. biol., Par., 1937, 14: 98-106.—Tschechow, W. P., & Kartaschowa, N. N. Karyologische Veränderungen der Keimwurzeln nach Röntgenbestrahlung von trockenen Gerstensenamen; vorläufige Mitteilung. Strahlentherapie, 1934, 49: 238-50.—Ulrich, R. Inhibition de la germination des graines de tomate par les sucs du péricarpe mûr. C. rend. Acad. sc., 1939, 208: 1835-7.—Vita, N. Sull'influenza di alcune sostanze eccitanti sul contenuto d'azoto delle leguminose durante la germinazione. Gior. biol. appl., 1933, 3: 41-51.

GERM layers.

See Embryogeny, Germ layers.

GERMON, Gaston, 1905—*Intoxication mortelle par l'apiol (étude clinique et pathogénique) 57p. 8° Par., M. Lac, 1932.

GERMOND, Jean, 1914—*Galactosurie provoquée et troubles de l'élimination rénale. 35p. 24cm. Par., L'Expansion Sc. Fr., 1940.

GERMOND, Robert. *Les mitochondries de la cellule hépatique dans l'hypoglycémie par l'insuline. 46p. 8° Lausanne, Impr. R. E. Francovich, 1924.

GERM plasm.

See also Chromosome; Gen; Genotype.

Can short wave irradiation impair the germinal factors? J. Am. M. Ass., 1937, 109: 887.—Hofmann, F. W. Some attempts to modify the germ plasm of *Phaseolus vulgaris*. Genetics, 1927, 12: 284-94.—Little, C. C. Agents modifying the germ plasm. Surg. Gyn. Obst., 1928, 46: 155-8.—Neuber, E. [Prevention of degeneration of idiolplasma] Orvosképzés, 1932, 22: 233-46.—Stockard, C. R. Experimental modification of the germ-plasm and its bearing on the inheritance of acquired characters. Stud. Dep. Anat. Cornell Univ., 1923-24, 10: repr. 1, 311-25.

GERNECK, Ilse, 1906—*Ueber die Innervation der Synovialmembran beim Menschen. p.515-34. 8° Würzb. [n. pub.] 1931.

Also Zschr. ges. Anat., 1. Abt., 1932, 97:

GERNER, Martin, 1896—*Ueber Aetiologie, Symptome und Therapie des Caput obstipum musculare congenitale. 27p. 8° [Berl., n. pub.] 1931.

GERNEZ, Léon, 1875-1937.

Coliez, R. [Nécrologie] Gaz. méd. France, 1937, 44: radiol., 239, portr.—Moulouguet, P. Nécrologie. Presse méd., 1937, 45: 347.

GERNET, Otto, 1908—*Ueber Frühfälle der Perniciosa [München] 23p. 8° Kallmünz, M. Lassleben, 1934.

GERNGROSS, Richard Otto, 1912—*Die Bedeutung der Scheidenstenosen in der Geburtshilfe des praktischen Arztes [München] 16p. 21cm. Würzb., K. Tritsch, 1937.

GERNS, Richard. *Ueber das Verhalten der Blutkörperchensenkungsgeschwindigkeit bei venerischen Erkrankungen, mit besonderer Berücksichtigung der chronischen Adnexgonorrhoe beim Manne [Göttingen] 19p. 8° Hannover, Gebr. Schmidt, 1927.

GERO, Jean, 1902—*Les pierres précieuses en thérapeutique. 42p. 8° Par., Vigot frères, 1933.

GERO, Sigismond, 1906—*L'audition à l'école. 58p. 8° Par., M. Lac, 1931.

GERODERMA [genitodystrophic]

See also Age, premature; Dwarfism, senile.

Bardisian, A. Geroderma genito-distrofico. Riv. clin. pediat., 1930, 28: 457-72, pl.—Castex, M. R., & Camauér, A. F. Geroderma o senilismo genito-distrofico. Prensa méd. argent., 1926, 13: 721-6.—Fonseca, J. M. da, & de Lima Filho, J. A. Um caso de geroderma genito-distrofica. J. clin., Rio., 1934, 15: 183-92.—Galdi, F. Geroderma genito-distrofico di Rummo e A. Ferrannini (sindrome gerodermica plurighiandolare) Minerva med., Tor., 1934, 25: pt 2, 75-83.—Izzo, R. A. A propósito de la geroderma genito-distrofica en la mujer. Rev. Soc. med. int., B. Air., 1925, 1: 420-5.—Laignel-Lavastine, & Bourgeois, P. Gérodermie génito-dystrophique avec rhumatisme chronique et vagotonie. Bull. Soc. méd. hôp. Paris, 1927, 3. ser., 51: 977-87.—Mariotti, E. Un caso classico di geroderma genito-distrofico. Riforma med., 1927, 43: 174-7.—Scala, V. Geroderma genito-distrofico femminile. Morgagni, 1929, 71: 165-79.

GEROE, Georg, 1901—*Die Beziehung der Breuer-Freud'schen Hysterie-Theorie zu den Lehren von Charcot und der Schule der Salpêtrière. 26p. 8° Heidelb., Stückrath, 1932.

GEROE, Ladislaus, 1901—*Die operative Behandlung der Myome an der Universitäts-

Frauenklinik zu Leipzig vom 1. September 1922 bis 1. Januar 1926 [Leipzig] 16p. 8°. Lucka, R. Berger, 1927.

GEROE, Stefan, 1909— *Ueber die hygienischen Verhältnisse in Jugoslawien. 77p. 8°. Lpz. [n. pub.] 1933.

GEROFSKY, David George, 1911— *La lipomatose symétrique multinodulaire forme aiguë. 85p. 8°. Par., Libr. M. Vigné, 1937.

GEROLAMI, René, 1905— *La crise bilieuse. 174p. 8°. Par., A. Legrand, 1931.

GERONA, Spain. Colegio de médicos. Lista de los señores médicos que se hallan incorporados al Colegio de médicos de la provincia de Gerona. Sp. 8°. Gerona, 1915.

GERONIMI, Eugène. *Contribution à l'étude des granulations des mégacaryocytes; métachromasie ou double coloration? [Genève] 45p. 8°. Lausanne, T. Geneux, 1931.

GERONNE, Anton, 1881—, & **SCHWARDT, Agnes.** Die Zuckerkrankheit. 2. neubearb. & erweiterte Aufl. 205p. 22½cm. Hamb., P. Hartung, 1939.

Forms Bd 8, Theorie und Praxis der Diätetik (L. Brauer, & A. Soós)

GERONTOPHILIA.

Kutziński, A. Ueber Gerontophilie. Msehr. Psychiat., 1929, 74: 86-94.

GERONTOXON.

See *Cornea*, *Senile arc*.

GEROSA, Giuseppe. Ricettario del veterinario. viii, 279p. 16°. [Milano] Ist. sieroter. milan. [1924]

— *Elementi di chimica organica per gli studenti di medicina; dal corso del Prof. C. Sandonini.* 2. ed. p. l. xx, 389p. 8°. Padova, A. Milani, 1931.

— & **MIRRI, Adelmo.** La sterilità degli animali domestiche (eziologia, diagnosi, profilassi e cura) v, 246p. 8°. [Milano] Ist. sieroter. milan. [1939]

GERRISH, Frederic Henry, 1845-1920. Prescription writing; designed for the use of medical students who have never studied Latin. 7. ed. 55p. 16°. Phila., J. B. Lippincott & Co., 1888. Also 8. ed. 57p. 1895.

GERITZEN, Paul, 1907— *Untersuchungen an Rinderaorten (Beiträge zur physiologischen Chemie des Alterns der Gewebe) p. 700-11. 8°. Bonn [n. pub.] 1932.

Also Zschr. exp. Med., 1932, 85:

GERSCHGORN, Sara, 1900— *Ueber einen Fall von Plattenepithelkarzinom des Corpus uteri. 22p. 8°. Jena [n. pub.] 1928.

GERSCHONOV, Adolf, 1903— *Ueber Schnelzhypoplasien. 37p. 8°. Lpz., Helm & Torton, 1927.

GERSCHONOV, Marko, 1904— *Ueber Behandlungsergebnisse bei Trigemini-Neuralgie. 44p. 8°. Lpz., A. Edelmann, 1932.

GERSCHWITZ-PUESCHEL, Irmgard, 1905— *Behandlungsergebnisse bei Ovarialcarcinom in den Jahren 1926-30 an der Universitäts-Frauenklinik, Berlin. 19p. 8°. Berl., R. Pfau, 1936.

GERSHBERG, J[acob] M[ax] 1876— Editor of *International medical blue book*. v.8. 106p. 8°. N. Y., 1937.

GERSHENFELD, Louis, 1895— Bacteriology and sanitary science for students in pharmacy, chemistry and allied sciences. xv, 432p. 2 pls. 8°. Phila., Lea & Febiger, 1929. Also 2. ed. xx, 493p. illust. pl. 1933.

— *Urine and urinalysis.* xvi, 272p. illust. 8°. Phila., Lea & Febiger, 1933.

— *The Jew in science.* vii, 224p. 8°. Phila., Jewish Pub. Soc. Am., 1934.

— *Biological products.* ix, 237p.; xxxvii-xlivp. 24½cm. N. Y., R. Pierson Pub., 1939.

GERSHON, Solomon. *The catalytic dehydrogenation of sugar alcohols. p.1-13. 26½cm. Chic., Univ. Chicago Libr., 1938.

Also J. Am. Chem. Soc., 1938, 60:

GERSON, Georges Louis, 1901— *Les formes aiguës et subaiguës de la syphilis articulaire. 97p. 8°. Par., Impr. Labor, 1927.

GERSON, Johannes [Jean Charlier] 1363-1429. De cognitione castitatis et pollutionibus diurnis. 14 l. 8°. [n. p., n. d.]

— De pollutione nocturna et diurna 32 l. sm. 4°. [Köln, Ulrich Zell, ca 1470]

— The same. 16 l. 8°. [Köln, Gulden-schaff, ca. 1477]

— The same. 12 l. sm. 4°. [Köln, Ludwig von Renchen, ca. 1495]

GERSON, Louis. Les varices. iii, 122p. illust. 8°. Par., G. Doin, 1934.

GERSON, Max, 1881— *Meine Diät; ein Ratgeber für Kranke und Gesunde.* 4 p. l. 168p. 12 pl. 8°. Berl., Ullstein [1930]

— *Diättherapie der Lungentuberkulose.* xii, 619p. illust. 8°. Lpz., F. Deuticke, 1934.

GERSON, Oscar, 1874— See *Cornman, Oliver Perry, & Gerson, Oscar.* Physiology primer. 122p. sm. 8°. Phila., 1916.

GERSPACH, Herbert, 1911— *Ueber die konstitutionelle Bedingtheit der multiplen Sklerose; zugleich ein Beitrag zu den Beziehungen der M. S. zur Geschwulstbildung im Gehirn. 36p. 22½cm. Heidelb., Braudruck, 1936.

GERSSDORFF, Hans von [Schielhans; Schylhans] 16. cent. Felddbuch der Wundartzney. 199 l. 4°. Strasbourg, J. Schott, 1517.

GERSTAECKER, Ernst August, 1899— *Beiträge zur röntgenographischen Strukturbestimmung [Karlsruhe] 57p. 8°. Greifsw., E. Hartmann, 1926.

GERSTEL, Gustav. *Ueber chemische Untersuchungen an Staublungen. 61p. 23cm. Bonn, H. Trapp, 1936.

GERSTEL, Gustav, 1902— *Ueber eine epignathoide Polygnathie aussergewöhnlichen Sitzes, zugleich zur Einteilung und Beurteilung der Polygnathen. p.399-428. 8°. Berl., J. Springer, 1928.

Also Virchows Arch., 1928-29, 270:

— Ueber die Veränderungen der Lungenblutgefäße bei Staublungenkranken. 42p. 8°. Jena, G. Fischer, 1933.

Forms H. 35. v.8. Veröff. Gewerbepath.

GERSTENBERG, Erich, 1844-1929. *Mönkemöller.* Nekrolog. Psychiat. neur. Wschr., 1929, 31: 255.

GERSTENBERG, Felicitas. *Gefäßspasmen als Äquivalente bei Angina pectoris. 43p. 22cm. Köln, Buchdr. Orthen, 1936.

GERSTENBERG, Hans Werner, 1910— *Spontane Sinusblutungen. 31p. 8°. Gött., F. Haensch, 1934.

GERSTENBERGER, Helmut, 1908— *Ein Fall von Situs inversus totalis mit multiplen Missbildungen des Herzens und der Gefäße. p.243-54. 24½cm. Münch., J. F. Bergmann, 1938.

Also Frankf. Zschr. Path., 1938, 52:

GERSTENHABER, Norbert, 1913— *La parodontite chez les enfants. 31p. 8°. Par., L. Rodstein, 1937.

- GERSTER, Ernst, 1912-** *Regenerationserscheinungen an Mäusungen bei verringertem Atmosphärendruck [München] 27p. 21cm. Bottrop, W. Postberg, 1938.
- GERSTER, H. I.** Die Lehre von der periodischen Fruchtbarkeit und Unfruchtbarkeit des Weibes nach Knaus. 23p. illust. 8° Basel, B. Schwabe & Co., 1937.
- GERSTER, Hans, 1910-** *Wirkung von Pulpatoxin auf Pulpa und Periodont. 41p. 4 pl. 22½cm. Zür., Buchdr. Berichthaus, 1936.
- GERSTER, Julius,** *Johannes Fatio, ein Basler Chirurg und Geburtshelfer des XVII. Jahrhunderts. 47p. 8° Basel, B. Schwabe & Co., 1917.
- GERSTER, Karl Wolfgang, 1892-** Die Rätsel der Nervosität; Streifzüge in das Gebiet bewussten und unterbewussten Seelenlebens; nach den Anschauungen moderner Psychologie gemeinverständlich dargestellt. 3 p. l. 92p. 8° Münch., O. Gmelin, 1922.
- GERSTER, Sigmund, 1902-** *Statistische Mitteilungen über Komplikationen der männlichen Gonorrhoe an der Universitätsklinik in Erlangen während der Jahre 1925 bis 1930. 20p. 8° Erlangen, Höfer & Limmert, 1931.
- GERSTLE, Walter, 1910-** *Chorion-epithelium und Aschheim-Zondek-Reaktion. 51p. 8° Heidelb., Brausdruck, 1935.
- GERSTMANN, Josef, 1887-** Die Malariabehandlung der progressiven Paralyse. v, 229p. illust. diagrs. 24cm. Wien, J. Springer, 1925. ALSO 2. Aufl. vii, 309p. 8° 1928.
- GERSTMANN, Max, 1894-** *Die Verhütung und Unterbrechung der Schwangerschaft bei Lungentuberkulose; ein historischer Ueberblick über die Anschauungen in der gynäkologischen Literatur 1903-26. 66p. 8° Bresl. [n. pub.] 1927.
- GERSTNER, Hermann, 1896-** *Gesichtsprothesen aus Hominit [München] 16p. 8° Günzb., K. Mayer, 1932.
- GERSTNER, Leonie, 1912-** *Ueber die Entstehung und Behandlung des Dolor post extractionem. 25p. 22cm. Würzb., R. Mayr, 1938.
- GERSTUNG, Rolf, 1910-** *Ein statistischer Beitrag zur dentalen fokalen Infektion [Göttingen] 22p. 21cm. Weende, F. Pieper, 1935.
- GERSONY, Robert, 1844-1924.** Aus einem Entwurf der Selbstbiographie. Wien, med. Wschr., 1932, 82: 689-94.
- GERSZENOWICZ, Henach.** *Ueber rudimentäre Hypothyreoidose, mit speziellem Hinweis auf periodische Formen [Basel] 16p. 8° S. Louis, Ed. Alsatia, 1930.
- GERTH, Friedrich, 1909-** *Zur Frage der sogenannten Pseudozysten des Pankreas; Bursitis omentalis; anatomische und röntgenologische Befunde. p.8-22. 4° Berl., Thieme, 1935.
Also Fortsch. Röntgenstrahl., 1935, 51:
- GERTH, Hans [Heinrich] 1907-** *Eignet sich die Evipan-Natrium-Narkose für den Zahnarzt? [Bonn] 31p. 8° Waldbröl, C. Haupt, 1935.
- GERTH, Robert, 1892-** *Ein Beitrag zur Therapie der Alveolarpyorrhoe mit besonderer Berücksichtigung der Befestigungsschienen [Halle] 19p. 8° Lpz. [J. Mäser, 1920]
- GERTHSEN, Christian.** *Prüfung des Feldverlaufes an der K-Schale mittels H-Strahlen [Habilitationsschrift, Kiel] p.373-408. 8° Lpz., J. A. Barth, 1929.
Also Ann. Phys., Lpz., 1929, 5. F., 3:
- GERTLER, Hans, 1909-** *Ueber den Einfluss des Gehirns auf die Rückenmarkstätigkeit des Frosches [Jena] 23p. 8° Dingelstädt (Eichsfeld) J. Heinevetter, 1933.
- GERTLER, Karl, 1903-** *Ueber Chlorid- und Phosphat-Ausscheidung nach Vigantolgaben [Göttingen] 23p. 8° Dingelstädt, J. Heinevetter, 1931.
- GERTNER, Peter, 1908-** *Beitrag zur Klinik der Paratyphus-A Erkrankung. 31p. 8° Bonn, P. Kubens, 1934.
- GERTZ, Hans, 1876-1938.** Abramson, E. [Obituary] Hygiea, Stockh., 1938, 100: 1-10.
- GERTZBERG, Ernest Victor, 1913-** *Considérations sur le traitement de la blennorragie par les sulfamidés, envisagé du point de vue social. 79p. 24cm. Par., Le François, 1939.
- GERVAIS, Albert, 1892-** A surgeon's China. 303p. illust. pl. 8° Lond., H. Hamilton [1934]
- GERVAIS de Lafond, Pierre Georges Gaston, 1907-** *De l'étude et de l'exercice de la médecine en France par les étrangers [Paris] 267p. ch. 8° Tours, Arrault & cie, 1934.
- GERVAISE, Geoffroy, 1902-** *Du rôle et de la fréquence des infections pneumococciques; au cours de l'épidémie de diphtérie de l'hiver 1926-27; pneumocoque et diphtérie. 43p. 8° Par., A. Lerand, 1927.
- GERVER, Antonius Jacobus.** *Kweeken van tuberkelbacillen uit bloed [Culture of tuberculosis bacilli from blood] 111p. 8° Amst., H. J. Koersen, 1932.
- GERVINO, Attilio.** Le nevriti infettive; studio critico, osservazioni cliniche, ricerche sperimentali. 307p. 8° Genova, Ferrando, 1915.
- GERVIS, Henry, 1837-1924.** Arms and the doctor; being the military experiences of a middle-aged medical man. 85pp. 12° Lond., C. W. Daniel, 1920.
- GERWIG, Herbert, 1911-** *Die Hilfsmittel zur Diagnostik der Pulpenaffektionen [Tübingen] 37p. 8° Pforzheim, A. Straubenger, 1935.
- GERWINN, Paul, 1910-** *Ein Fall von idiopathischer Xerostomie [Köln] 13p. 8° Düsseld., G. H. Nolte, 1936.
- GERZ, Karl, 1897-** *Gebissverletzungen und Unfallschädigung [Bonn] 35p. 8° Pfaffendorf a. Rh., J. Nassen, 1932.
- GESBERT, Roger, 1903-** *La fièvre typhoïde importée au Havre par le personnel de la marine marchande. 40p. 8° Par., Jouve & cie, 1930.
- GESCHEV, Christo, 1900-** *Ueber die Erfolge der Milzexstirpation bei Morbus Gaucher und ihm ähnlichen Erkrankungen. 28p. 8° Frankf. a. M., H. Münch, 1927.
- GESCHEV, Georg.** *Einige Lipoiduntersuchungen des Paradentiums bei Diabetes. 14p. 8° Frankf. a. M., Berlin. Verlag [1931]
Also Paradentiums, Berl., 1931, 3:
- GESCHER, Julius.** Wege zur praktischen Homöopathie. 2. Aufl. 192p. illust. pl. 8° Lpz., Hippokrates-Verl. [1936]

— Ueber Augendiagnose. 16p. illust. 8° Berl., K. Haug [1937]

GESCHICHTE der Erfindungen, Theorien und Systeme in der Natur- und Arzneiwissenschaft (des achtzehnten Jahrhunderts) lxxx, 352p. 16° Gotha, J. Perthes, 1799.

GESCHICKTER, Charles F., 1901— Bone tumors. p.63-145. 25½cm. Phila., F. A. Davis, Co., 1939.

In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 3:

— & **COPELAND, Murray Marcus**. Tumors of bone. 3 p. l. v-xli, 709p. pl. 8° N. Y., Am. J. Cancer, 1931. Also 2. ed. xlv, 832p. illust. pl. tab. diagrs. 1936.

GESCHKE, Friedrich, 1912— *Klinische Prüfung des Lokalanaesthetikums Mucain, klinische Untersuchung von Novocain-Corbasil und vergleichende Untersuchung beider Präparate. 16p. 8° Würzb., Gebr. Memminger, 1936.

GESELL, Arnold Lucius, 1880— Infancy and human growth. xvii, 418p. 8° N. Y., Macmillan Co., 1928.

— The guidance of mental growth in infant and child. xi, 322p. 16 pl. 8° N. Y., Macmillan Co., 1930.

— An atlas of infant behavior; a systematic delineation of the forms and early growth of human behavior patterns. 2v. 921p. paged consec. pl. 4° New Haven, Yale Univ. Press, 1934.

— **AMATRUDA, Catherine S.** [et al.] Biographies of child development; the mental growth careers of 84 infants and children; a 10-year study from the Clinic of child development at Yale university; pt 1 by Arnold Gesell, pt 2 by Catherine S. Amatruda, Burton M. Castner, & Helen Thompson. xvii, 328p. tab. diagr. 24cm. N. Y., P. B. Hoeber [1939]

GESELL, Arnold Lucius, & ILG, Frances Lillian. Feeding behavior of infants; a pediatric approach to the mental hygiene of early life. ix, 201p. illust. pl. diagrs. roy. 8° Phila., J. B. Lippincott [1937]

GESELL, Arnold, THOMPSON, Helen, & AMATRUDA, Catherine Strunk. Infant behavior; its genesis and growth. viii, 343p. illust. tab. 8° N. Y., McGraw-Hill Bk. Co., 1934.

— The psychology of early growth, including norms of infant behavior and a method of genetic analysis. ix, 290p. pl. tab. 8° N. Y., Macmillan, 1938.

GESELLSCHAFT der Bibliophilen.

See under Berlin, Germany.

GESELLSCHAFT der Hals-, Nasen- und Ohrenheilkunde.

See under Berlin, Germany.

GESELLSCHAFT deutscher Nervenärzte.

See under Berlin, Germany.

GESELLSCHAFT für Geburtshilfe und Gynäkologie.

See under Berlin, Germany.

GESELLSCHAFT für Geschichte und Literatur der Veterinärmedizin.

See under Berlin, Germany.

GESELLSCHAFT für Natur- und Heilkunde.

See under Dresden.

GESELLSCHAFT für Verdauungs- und Stoffwechselkrankheiten.

See under Berlin, Germany.

GESER, Franz Xavier, 1901— *Ueber hochgradige Kürze und Fehlen der Nabelschnur. 24p. 8° Münch. [n. pub.] 1927.

GESING, Bernhard [1892—] *Ueber Osteomyelitis des Beckens und ihre klinische Be-

handlung [Marburg] 23p. 8° Hersfeld, L. Funk, 1933.

GESLER, Heinz, 1902— *Untersuchungen über Morphin (unter besonderer Berücksichtigung des Guanidin-Stoffwechsels) [Rostock] 14p. 8° Rochlitz i. Sa., E. Vetter, 1934.

GESNER, Conrad, 1516-65. Tesoro de remedii secreti [transl. from Latin by M. Pietro Lauro] 152 l. [16] illust. 12° Venezia, Giamb. & Marchion Sessa, 1556.

— The same. 152 l. [16] illust. 12° Venezia, Giamb. Bonfadio, 1588.

— The same. Thesaurus de remedii secretis. [4] l. 498p. [19] l. illust. 32° Lyon, Ant. Vincentius, 1555.

— The same. Thesaurus Evonymi Philatri de remedii secretis. 576p. [24] 12° Zürich, A. Gessner, & F. & R. Vuysenbach, 1552.

GESSAT, Erich, 1902— *Zur Phosphornekrose des Unterkiefers. 28p. 8° Münster, F. Althoff, 1931.

GESSEN, Robert, 1907— *Les images radiologiques des abcès pulmonaires. 73p. 8° Par., L. Arnette, 1932.

GESSER, Liese Lotte, 1910— *Zeichen des intrauterinen Fruchtodes. 19p. 8° Marb., H. Bauer, 1935.

GESSING, Karlheinz, 1912— *Zur Solvochin-Calcium-Therapie (Homburg) bei kruppöser- und Grippe-Pneumonie. 15p. 21cm. Königsb. [n. pub.] 1937.

GESSNER, Adolf, 1864-1903.

Z. R. Gedenktage des Monats Hornung (Taunonat) 1934. Wien. med. Wschr., 1934, 84: 253-5.

GESSNER, Helmut, 1906— *Die Ohnmacht, der Schock und der Kollaps und deren Bekämpfung in der Zahnheilkunde. 34p. 8° Münch., Boser & Mihm, 1934.

GESSNER, Hermann Bertram [1872—] Notes on operative surgery; prepared as a laboratory guide. 119p. 8° N. Orleans, J. G. Hauser, 1906.

GESSNER, Otto. Die Gift- und Arzneipflanzen von Mitteleuropa mit besonderer Berücksichtigung ihrer Wirkungen. viii, 347p. 128pl. 8° Heidelb., K. Winters, 1931.

— Tierische Gifte. p.1-83. 25½cm. Berl., J. Springer, 1938.

In Handb. exp. Pharm. (A. Heffter) Ergänz., Berl., Bd 6, 1938.

GESSNER, Reinhard, 1910— *Nachprüfung zur Frage der postoperativen Angina. Marburg. p.35-46. 24½cm. Lpz., C. Kabitzsch, 1936.

Also Hals &c. Arzt, 1. T., 1936, 27:

GESSNER, Robert, 1907— *Massacre; a survey of today's American Indian. x, 2 l. 418p. 6 pl. 8° N. Y., J. Cape & H. Smith [1931]

GESSNER, Werner, 1900— *Die Einwirkung von Insulin, Cholin, Muscarin, Pilocarpin und Atropin auf die durch Schilddrüsen-gaben zu erzwingende Metamorphose von Amphibienlarven sowie über die Wirkung des Jodothyrius auf Amphibienlarven [Marburg] p.67-88. 8° Münch., J. F. Lehmann, 1927.

Also in Zschr. Biol., 1927-28, 86:

GESSNER, Werner [Gotthold] 1911— *Die einfache und die mit Morphin kombinierte Eunarcen-Narkose beim Hund [Leipzig] 67p. 21cm. Berl., C. Schulz, 1936.

GESTA, Adrien, 1905— *A propos d'un cas de méningite lymphocytaire bénigne. 77p. 8° Par., Les Presses Modernes, 1930.

GESTA, Edouard, 1909— *L'éducation physique à l'étranger. 94p. 8°. Par., Vega, 1933.

GESTALT psychology.

See also **Apperception; Child, Psychology; Perception; Psychology; Shape; Vision.**

BENDER, L. A visual motor gestalt test and its clinical use. 176p. 25½cm. N. Y., 1938.

ELLIS, W. D. A source book of gestalt psychology. 403p. 8°. Lond. [1938]

KÖHLER, W. Gestalt psychology. 403p. 8°. N. Y., 1929.

KOFFKA, K. Principles of gestalt psychology. 720p. 8°. N. Y., 1935.

PETERMANN, B. Die Wertheimer-Koffka-Köhlersche Gestalttheorie und das Gestaltproblem systematisch und kritisch dargestellt; ein Kapitel aus der Prinzipienrevision in der gegenwärtigen Psychologie. 292p. 8°. Lpz., 1929.

WHEELER, R. H. The laws of human nature; a general view of gestalt psychology. 235p. 8°. N. Y. [1932]

Bender, L. Gestalt, principles in the sidewalk drawings and games of children. *J. Genet. Psychol.*, 1932, 41: 192-210.—**Bernfeld, S.** Die Gestalttheorie. Imago, Wien, 1934, 20: 32-77.—**Blackburn, J. M.** A review of Gestalt psychology. *J. Ment. Sc.*, Lond., 1940, 86: 1-28.—**Boring, E. G.** Special review; Koffka's Principles of Gestalt psychology. *Psychol. Bull.*, 1936, 33: 59-69.

Psychophysiological systems and isomorphic relations. *Psychol. Rev.*, 1936, 43: 565-87.—**Brandt, W.** Biotypologie; die Formbildung als Gestaltungsphänomen. *Acta biotheat.*, Leiden, 1936, 2: 125-40.—**Brown, J. F., & Feder, D. D.** Thorndike's theory of learning as Gestalt psychology. *Psychol. Bull.*, 1934, 31: 426-37.—**Brunswik, E.** Gestaltpsychologie. Wien, med. Wschr., 1928, 78: 96.

—**Burkhardt, H.** Theoretisches zur Gestaltproblematik. *Arch. ges. Psychol.*, 1934, 91: 490-506. Also *Ber. Deut. Ges. Psychol.* (1933) 1934, 13. Kongr., 123-5.—**Cason, H.** Organic psychology; the psychological organism. *Psychol. Rev.*, 1934, 41: 356-67.—**Eiliks, H.** Gestalttheorie, Gestaltpsychologie und Typologie; der Gestaltbegriff der Berliner Schule unter naturphilosophischem und experimentell-psychologischem Gesichtspunkt. *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1935, 136: 209-61.—**Gurwitsch, A.** Quelques aspects et quelques développements de la psychologie de la forme. *J. psychol. norm. path.*, Par., 1936, 33: 413-70.—**Harlow, R. F.** Philosophy's contribution to gestalt psychology. *J. Psychol.*, Provincet., 1938, 5: 185-200.—**Helson, H.** The psychology of Gestalt. *Am. J. Psychol.*, 1926, 37: 25-62.—**Hollingsworth, H. L.** Verbal gestalt experiments with children. *J. Exp. Psychol.*, 1938, 23: 90-5.—**Horrover, M. R.** Beiträge zur Psychologie der Gestalt; Organization in higher mental processes. *Psychol. Forsch.*, 1933, 17: 56-120.—**Ipsen, G.** Ueber individuelle Unterschiede bei der Gestaltauffassung. *Ber. Kongr. exp. Psychol.* (1923) 1924, 8. Kongr., 180-2.—**Josey, C. C.** The self in the light of gestalt psychology. *J. Abnorm. Psychol.*, 1935, 30: 47-56.—**Kainz, F.** Gestaltgesetzlichkeit und Ornamentenstellung. *Zschr. angew. Psychol.*, 1927, 28: 267-327.—**Karkosch, K.** Ueber die Anfänge der Lehre von den Gestaltqualitäten. *Arch. ges. Psychol.*, 1935, 93: 189-223.—**Katona, G.** Eine kleine Anschauungsaufgabe. *Psychol. Forsch.*, 1927, 9: 159-62.—**Kleint, H.** Die psychischen Formen. *Arch. ges. Psychol.*, 1926, 54: 469-514.—**Knox, G. W.** Some contemporary evaluations of current gestalt psychology. *J. Psychol.*, Provincet., 1938, 6: 261-3.

—**Where is the confusion?** *Ibid.*, 1939, 7: 17-27.—**Köhler, W.** An aspect of Gestalt psychology. *Pedag. Semin.*, Worcester, 1925, 32: 691-723.

—**Zur Gestalttheorie: Antwort auf Herrn Rignanos Kritik.** *Scientia*, Bologna, 1928, 43: 2. ser., 309-22.—**Kraemer, W. S.** The epistemological phase of Gestalt-Theorie. *J. Gen. Psychol.*, 1938, 19: 441-5.—**Kroh, O.** Entwicklung der Formen des Gegenstandsbezugs im Kindesalter. *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1932, 124: 103-28.

—**Lund, F. H.** The phantom of the Gestalt. *J. Gen. Psychol.*, 1909, 2: 307-23.—**McDougall, W.** Dynamics of the gestalt psychology. *Character & Personality*, 1935-36, 4: 319-34.—**Martin, J. R.** Reminiscence and Gestalt theory. *Psychol. Monogr.*, Columbus, 1940, 52: No. 4, 1-37.—**Matthaei, R.** Das Gestaltproblem. *Erg. Psychol.*, 1929, 29: 1-82, pl.

—**Meili, R.** Les perceptions des enfants et la psychologie de la Gestalt. *Arch. psychol.*, Genève, 1930-31, 23: 25-44.—**Mezger, W.** Gestaltgesetze für zeitliche Verläufe. *Ber. Deut. Ges. Psychol.* (1933) 1934, 13. Kongr., 153.—**Müller, G. E.** Bemerkungen zu W. Köhlers Artikel Komplextheorie und Gestalttheorie. *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1926, 99: 1-15.—**Odgen, R. M.** The Gestalt psychology of learning. *J. Genet. Psychol.*, 1930, 38: 280-7.—**Oeser, O. A.** Gestalt psychology and Gestalt theory. *Brit. J. Psychol.*, 1930-31, 21: Sect. Gen., 73-94.—**Pachauri, A. R.**

A study of gestalt problems in completed and interrupted tasks. *Ibid.*, 1936, 27: 170-80.—**Razran, G. H. S.** Studies in configurational conditioning; gestalt organization and configurational conditioning. *J. Psychol.*, Provincet., 1939, 7: 3-16.—**Reiser, O. L.** A phenomenological interpretation of physico-chemical configurations and conscious structures. *J. Philos.*, 1927, 24: 373; 404.—**Rignano, E.** La teoria della forma della nuova scuola psicologica tedesca contrapposta all'associazionismo della scuola psicologica inglese; la Gestalt in quanto ordine di elementi sensoriali. *Scientia*, Bologna, 1927, 42: 2. ser., 145; 281.

—**Zur Gestalttheorie: Antwort auf Herrn Köhlers kritische Erwiderung.** *Ibid.*, 1928, 43: 2. ser., 323-56. Also *Psychol. Forsch.*, 1928, 11: 172-87. Also *Rev. philos.*, Par., 1928, 105: 33-49.—**Ryans, D. G.** The phi-phenomenon; a fundamental Gestalt? *J. Gen. Psychol.*, 1937, 155-61.—**Sander, F.** Ueber Gestaltzerfall. *Ber. Deut. Ges. Psychol.* (1933) 1934, 13. Kongr., 171.—**Siebeck, R.** Der Gestaltkreis. *Deut. med. Wschr.*, 1940, 66: 242.—**Ternus, J.** Untersuchungen zur Lehre von der Gestalt; experimentelle Untersuchungen über phänomenale Identität. *Psychol. Forsch.*, 1926, 7: 81-136.—**Volkeit, H.** Vom Wesen der Ganzqualitäten. *Ber. Deut. Ges. Psychol.* (1933) 1934, 13. Kongr., 180.—**Washburn, M. F.** Gestalt psychology and motor psychology. *Am. J. Psychol.*, 1926, 37: 516-20.—**Wertheimer, M.** Untersuchungen zur Lehre von der Gestalt. *Psychol. Forsch.*, 1923, 4: 301-50.—**Wheeler, R. H., Perkins, F. T., & Bartley, S. H.** Errors in recent critiques of Gestalt psychology; sources of confusion. *Psychol. Rev.*, 1931, 38: 109-36.

—**Confused interpretations of the historical approach.** *Ibid.*, 1933, 40: 221-45.—**Williams, R. D.** Studies in contemporary psychological theory; what is gestalt psychology? *J. Psychol.*, Provincet., 1938, 6: 99-114.—**Wirth, W.** Zur Berücksichtigung der Bewusstseitsgrade in der Gestalttheorie. *Ber. Deut. Ges. Psychol.* (1933) 1934, 13. Kongr., 185-7.

GESTATION.

See **Pregnancy.**

GESTOSIS.

See **Pregnancy toxemia.**

GESTURE.

See also **Dance; Emotion; Language; Movement; Symbolism, &c.**

Gesture and language. *Med. J. Australia*, 1940, 2: 38.—**Klages, L.** Die Ausdrucksbewegung und ihre diagnostische Verwertung. *Zschr. Pathopsychol.*, 1912-13, 2: 261-348.—**Kohnstamm, O.** Die biologische Sonderstellung der Ausdrucksbewegungen. *J. Psychol. Neur.*, Lpz., 1906, 7: 205-22.—**Krout, M. H.** A preliminary note on some obscure symbolic muscular responses of diagnostic value in the study of normal subjects. *Am. J. Psychiat.*, 1931, 11: 29-71.

—**The social and psychological significance of gestures (a differential analysis)** *J. Genet. Psychol.*, 1935, 47: 385-412.

—**Further studies on the relation of personality and gesture: a nosological analysis of autistic gestures.** *J. Exp. Psychol.*, 1937, 20: 279-87.—**Morlaas, J.** Le langage gestuel; les troubles du langage gestuel. *Sem. hôp. Paris*, 1929, 5: 249-53.—**Müller, G.** Ueber die geographische Verbreitung einiger Gebärden im östlichen Mittelmeergebiet und dem nahen Orient. *Zschr. Ethnol.*, 1939-40, 71: 99-102.—**Murphy, J.** Gesture, magic and primitive art. *Man*, Lond., 1940, 40: 119-21.—**Sommer, D.** Die Methoden zur Untersuchung von Ausdrucksbewegungen. *Atti Congr. internaz. psicol.* (1905) 1906, 15. Congr., 104-10.—**Thone, F.** Do you talk with your hands? *Science News Lett.*, 1936, 30: 154-6.—**Witte, O.** Untersuchungen über die Gebärden Sprache; Beiträge zur Psychologie der Sprache. *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1930, 116: 225-308.

GESUNDHEITSDIENST; Vierteljahresschrift für Gesundheitsförderung. Berl., 1940—

GESUNDHEITSFUERSORGE für das Kindesalter. Berl., v.1-8, 1925-33.

Continued as *Zeitschrift für Gesundheitsführung.*

GESUNDHEITS-INGENIEUR. Münch., v.49, 1926—

GESUNDHEITSLERHER; volkstümliche Zeitschrift für Gesundheitspflege. Aug. B. Berl., v.36, 1933.

GESUNDHEITSLERHER; Zeitschrift gegen Misstände im Heilwesen für Aerzte und Behörden. Aug. A. Berl., v.36, 1933.

GESUNDHEIT und Erziehung. Lpz., v.45-51, 1932-38.

Continuation of *Zschr. Schulgesundh.*

GETCHELL, Myron Warren.

Editor of *Dewey, Melvil. Decimal classification and relative index* [&c.] 13. ed. 2v. in 1. 1647p. 8°. Lake Placid, 1932.

GETMAN, Frederick H[utton] 1877—
Samuel Morey, a pioneer of science in America.
p.278-302. pl. port. 8°. Bruges, S. Catherine
Press, 1936.

In Osiris, Bruges, 1936, 1:

— & **DANIELS, Farrington**. Outlines of
theoretical chemistry. 5. ed. ix, 643p. 8°
N. Y., J. Wiley & Sons, 1931.

GETSON, Philip, 1884— Tuberculosis
(consumption) what it is, how to prevent it,
how to cure it, and how to preserve good general
health. 64p. 8°. Phila., Am. Health Pub.
Co. 1925.

GETTY, Robert J. The lost St Gall Ms. of
Valerius Flaccus. 33p. diagrs. 8°. Aberdeen,
Univ. Press, 1934.

No. 110. Aberdeen Univ. Studies.

GETZKOW, Werner, 1895— *Die Be-
wegung des Sternum bei der Atmung. 22p. 8°
Lpz., E. Lehmann, 1922.

GETZLAFF [Friedrich] Wilhelm, 1904—
*Arrosion der Arteria cystica durch einen Gallen-
stein [Berlin] 27p. 2 l. 8°. Charlottenb.,
Gebr. Hoffmann, 1931.

GETZLAFF, Hans [Georg Emil] 1913—
*Das morphologische Verhalten der Neben-
schilddrüsen bei Meerschweinchenkorbut nach
Vitamin C-Gaben und Höhensonnenbestrahlung.
16p. 8°. Greifsw., E. Hartmann, 1936.

GEU, Hans Werner, 1909— *Ein Beitrag
zur Verknöcherung der Trachea beim Pferd.
32p. 21cm. Lpz., A. Edelmann, 1935.

GEUDER, Hans, 1907— *Ueber endogene
und exogene Faktoren bei der Entstehung der
Leukämie [Rostock] 15p. 8°. Zeulenroda,
A. Oberreuter, 1933.

GEUNS, J[ohannes] R[udolphus] van. *Ex-
perimenteel onderzoek over het ontstaan van
katarakt na onderbinding der venae vorticosae.
102p. vi, 7 pl. 25½cm. Leiden, P. W. M.
Trap, 1897.

GEUNS, Matthias van, 1735-1817. Lettre à
Petrus Camper: Maladie du Général Van Holsten
et résultat de l'autopsie (le 18 août 1770) p.239-
47. portr. 8°. Amst., 1935.

In Opusc. sel. Neerland. de arte med., Amsterdam, 1935, 13:

GEUS, Johanna Geertruida Frieda de. *De
anorganische stofwisseling bij tetanie. 3 p. l.
118p. pl. roy. 8°. Leiden, L. H. Becherer, 1924.

GEUSSENHAINER, Woldemar. Genealogie
und Zeitung; Vortrag gehalten im Erfurter
Genealogischen Abend am 7. Oktober 1935.
40p. facs. 8°. Erfurt, Genealogischer Abend,
1936.

Forms Heft 9. Erfurter Gen. Abend wissenschaft. Abhandl.

GEUTHER, Hans, 1897— *Ueber Händ-
desinfektion besonders vor zahnärztlichen Ein-
griffen [Heidelberg] 20p. 8°. Neufelchingen-
Brebach, E. Haupt, 1929.

GEVAUDAN, Yvette, 1913— *Syndromes
périodiques nerveux et mentaux en dehors des
états maniaques dépressifs. 135p. 8°. Par.,
Vigot frères, 1937.

GEWECKE, Hans, 1912— *Untersuchung
des Wiesackwassers oberhalb der Stadt Giessen
und sein Einfluss auf das Wasser des Boots-
teiches an der Schlageterstrasse [Giessen]
23p. 21cm. Werne a. d. Lippe, F. Grube, 1938.

GEWEHR, Fritz [Werner Peter Georg] 1901—
*Untersuchungen über den resistenzer-
höhenden Einfluss von Bakterien- Schutzstoffen
in Desinfektionsversuchen. 92p. 8°. Gött.,
Handelsdr., 1930.

GEWERT, Martha, 1901— *Ueber die
Schwankungen des Herzgewichts in den ver-

schiedenen Lebensaltern unter normalen und
pathologischen Verhältnissen [Freiburg i. B.]
50p. 8 tab. 8°. Jena, G. Fischer, 1929.

— The same. 50p. 8 tab. 8°. Jena,
G. Fischer, 1929.

Forms H. 23, v.5, Veröff. Kriegs. Konstpath.

GEYER, Auguste, 1911— *Etude ex-
périmentale du méthylcholanthrène et du benzo-
pyrène. 72p. 13 pl. 24½cm. Bord., A.
Destout aîné, 1937.

GEYER, Ernst [Hilarius Franz] 1899—
*Untersuchungen über den Kreatin-Kreatinin-
stoffwechsel bei der Basedowschen Krankheit
und seine Beziehungen zum Gesamtstickstoff-
und Grundumsatz [Marburg] 25p. 8°. Hers-
feld, L. Funk, 1930.

GEYER, Ernst [Karl Joachim] 1888—
Wald, R. Deutsche Aerzte, wie sie denken und dichten:
Ernst Geyer. Zschr. ärztl. Fortbild., 1938, 35: 691-4.

GEYER [Franz] Rudolf, 1912— *Die
Phylogenie des 5. Höckers des zweiten unteren
Molaren. 29p. 21cm. Erlangen, K. Döres,
1938.

GEYER, Herbert, 1904— *Der Trink-
versuch bei eineiigen und zweieiigen Zwillingen.
12p. 8°. Bonn [n. pub.] 1931.

Also Klin. Wschr., Berl., 1931, 10:

GEYER, Horst, 1907— *Das psychische
Trauma in der Pathogenese der Basedowschen
Krankheit. p.168-80. 8°. Kiel [n. pub.] 1932.

Also Zschr. klin. Med., 1933, 124:

— Zur Aetiologie der mongoloiden Idiotie.
105p. illust. 25cm. Lpz., G. Thieme, 1939.

GEYER, Johannes Otfried, 1900— *Zum
Schicksal epileptischer Kinder [München] 51p.
8°. [Zwickau, J. Herrmann] 1926.

GEYER, Paul, 1910— *Ueber die Be-
einflussung der Blutzuckerkurven nach Kohle-
hydrat-, Fett- und Eiweissbelastung durch
Kohlehydrat-, Fett- und Eiweissvormahlzeiten
[Breslau] p.121-8. ch. 24½cm. Berl., S.
Karger, 1937.

Also Jahrb. Kinderh., 1937, 149:

GEYL, Dieter, 1900— *Ein Beitrag zur
Symptomatologie sekundärer Lungentumoren
[Münster] 64p. 8°. Köln, W. May, 1933.

Mimeograph.

GFELLER, Hans. *Ueber das Leichenwachs
[Bern] 44p. 8°. Weida, Thomas & Hubert,
1927.

GFROERER, Otto. Handbuch der Röntgen-
aufnahmetechnik. 2, 91p. illust. 8°. Oster-
wieck, E. Staude, 1937.

GHADIALI, Dinshah Pestanji Franji, 1873—
Spectro-chrome metry encyclopedia; home
training course in spectro-chrome metry. v.2-3.
2v. [v. p.] 21½cm. Malaga, N. J., Spectro-
chrome Inst., 1934.

See also Ghadiali, D. P. After 31 years of absence Colonel
Dinshah P. Ghadiali on tour to India. Spectrochrome, Malaga,
N. J., 1939, 15: 2590; 2608; 2636.

GHALIB, Ali, 1902— *Le bactériophage
anti-pesteux; son isolement à Paris. 50p. 8°
Par., Jouve & cie, 1931.

GHARIB, Abbas, 1910— *Contribution à
l'étude des manifestations pleuropulmonaires de
la maladie de Bouillaud. 61p. 24cm. Par.,
M. Vigné, 1939.

GHARIB, Mohammad, 1909— *L'apnée
du nourrisson, étude clinique, pathogénique et
thérapeutique. 104p. 24cm. Par., V. Degrange,
1938.

GHAVAMI, Assad, 1903— *De la méde-
cine persane au cours des âges; et en particulier
l'hygiène dans la Perse antique. 70p. 8°. Par.,
M. Vigné, 1937.

GHAYOUR, Fazlallah, 1901— *La réposition du rein ou néphropexie; indications, opérations et résultats éloignés. 126p. 8° Par., L. Rodstein, 1937.

GHEE.

See also **Butter**.

Bagchi, K. N., & Mazumdar, N. S. Importance of phytosteryl acetate test in detecting hydrogenated fats in ghee. Ind. J. M. Res., 1936, 24: 233-7.—**Brahmachari, B. B.** Values of constants in the analysis of ghi for detection of adulteration. Ind. M. Gaz., 1935, 70: 71-4.—**Grewal, K. S.** The vitamin A content of ghee. Q. J. Pharm., Lond., 1933, 6: 650-4.—**Kochhar, B. D.** Vitamin-A contents of ghee. Ind. J. M. Res., 1937-38, 25: 623-32.—**Hawley, H.** The neutralisation value of ghee (butter-fat) Current Sc., Bangalore, 1940, 9: 337-9.

GHEILIMAN, Moisei B., 1913— *Contribution à l'étude de la fissuration spontanée et symétrique des os, syndrome de Milkman. 67p. 25cm. Lyon, C. Berlioz, 1938.

GHELBER, Léon, 1908— *Contribution à l'étude de la désinfection dans les maladies contagieuses. 32p. 8° Par., Editions Jel, 1935.

GHELERTER, Jules, 1903— *Les toxicomanies (étude médico-sociale) 191p. 8° Par., L. Arnette, 1929.

GHELEW, Boris. *La pancréatite chronique kystique chez le nourrisson. 31p. 8° [Lausanne, n. pub.] 1936.

GHELMAN, Joseph, 1904— *Contribution à l'étude du pronostic de la rupture prématurée des membranes sur le travail de l'accouchement. 57p. 8° Par., M. Lac, 1930.

GHENDLER, Mendel, 1907— *Contribution à l'étude du typhus exanthématique en Roumanie. 43p. 8° Par., Jouve & cie, 1935.

GHENT, Belgium.

Centenaire de la Société Royale de Médecine de Gand. Ann. Soc. méd. Gand, 1934, n. ser., 13: 209-14. Also Bruxelles méd., 1933-34, 14: 1005.—**De Mets, A.** Iconographie médicale gantoise; aperçus d'histoire de la médecine à Gand. Ann. Soc. méd. Gand, 1929, n. ser., 8: No. 7, 3-8, 4 pl.—**Desfosses, P.** Le centenaire de la Société Royale de Médecine de Gand. Presse méd., 1934, 42: 1043.

GHENT, Belgium. Université. Ch[arles] Van Bambeke, 1829-1918. 17p. 8° Ghent, A. Hoste, 1921.

Programme des cours. Ghent, 1, 3., 1930-31.

GHEORGHIEV, Dimitri. *Pneumonie et endocardite d'origine pneumococcique avec panophtalmie métastatique à pneumocoques. 20p. 8° Genève, Impr. Commerce, 1931.

GHEORGHU, N. Nicolas, 1911— *Considérations sur la basiotripsie. 45p. 8° Par., Presses Modernes, 1937.

GHEZZI, Carlo. I neoplasmî del bacino. 197p. 9 pl. 8° Parma, Off. Graf. Fresching, 1918.

GHIER, Léon, 1893— *Anémie infectieuse et tuberculose du cheval; l'anémie infectieuse peut-elle constituer le milieu favorable au développement de la tuberculose chez le cheval? [Alfort] 65p. 8° Par., Vigot frères, 1933.

GHILARDUCCI, Francesco, 1857-1924.

Meldolesi, G. Necrologia. Actinoterapia, Nap., 1924, 4: 433-5.—**Vinaj, A.** Necrologio. Riv. idr. climat., 1925, 36: 60.

GHILINI, Girolamo, 1589— Teatro d'huomini letterati. E. Pr. 2v. in 1. 230p.; 246p. sm. 4° Venezia, Guerighi, 1647.

GHINGOLD, Israël, 1907— *Contribution à l'étude de la coqueluche chez le nourrisson. 63p. 24cm. Par., M. Lavergne, 1939.

GHINI, Luca, 1490-1556.

Albino, A. L'erboiaio di Cosimo I dei Medici: Luca Ghini. Firenze (Rass.) 1937, 6: 55, portr.—**Sabbatani, L.** Di una supposta opera di Luca Ghini. Arch. stor. sc., 1924, 5: 37-40.

GHINOPOULO, Sophokles. Pădiatrie in Hellas und Rom. p. l. 132p. 8° Jena, G. Fischer, 1930.

Forms H. 13, Jena med. hist. Beitr. (T. Meyer-Steineg) 1930.

GHINSBERG, Ghizela, 1908— *Purpura et tuberculose. 71p. 8° Par., M. Vigné, 1937.

GHINSBERG, Haim, 1905— *Etude statistique de l'association tuberculose pulmonaire et gestation. 38p. 8° Par., A. Legrand, 1931.

GHIULAMILA, Românul, 1874-1936.

Plătăreanu, M. V. [Obituary] Spitalul, 1936, 56: portr.

GHIVARELLO, Riccardo. Per la difesa sanitaria del nostro esercito: Vaiuolo e vaccinazione; contro febbre tifoidea; il colera e la sua profilassi; sulla meningite cerebro-spinale epidemica. 2. ed. 82p. 8° Campobasso, R. Colitti, 1918.

GHON, Anton, 1866-1936.

Aschoff, L. Nekrolog. Beitr. path. Anat., 1936, 97: No. 1.—**Gruber, G. B.** [Obituary] Münch. med. Wschr., 1936, 83: 1569, portr.—**Hamburger, F.** Nekrolog. Arch. Kinderh., 1936, 108: 129.—**Luksch, F.** Biography. Ber. Deut. Univ., Prag, 1937, 42-7.—**Maresch, R.** [Biography] Wien. med. Wschr., 1936, 86: 61.—**Swigert, J. L., & Gorton, J. L.** A visual survey in a rural county. Colorado M., 1937, 34: 901-3.—**Terplan, K.** [Obituary] Verh. Deut. path. Ges., 1937, 23: 355-67.—**Wiesner, R.** Nekrolog. Wien. klin. Wschr., 1936, 49: 604-6.

— & **JAKSCH-WARTENHORST, R.** Die Tuberkulose und ihre Bekämpfung nach dem Stande vom Jahre 1921; hrsg. im Auftrage des Deutschen Landeshilfsvereines für Lungenkranke in Böhmen. iv, 2 l. 400p. 8° Wien, E. Haim & Co., 1922.

GHORMLEY, Ralph Kalb, 1893— Orthopedic surgery. iv, 445p.; 9p. illust. diagr. 25 x 19½cm. N. Y., T. Nelson & Sons, 1938.

See also **Allison, N., & Ghormley, R. K.** Diagnosis in joint disease [etc.] 196p. 4° N. Y., 1931.

GHOSE, Rasbehari.

See **Sanyal, D., & Ghose, R.** Vegetable drugs of India. 2. ed. 590p. 18cm. Calc., 1934.

GHOSH, Birendra Nath. A treatise on hygiene and public health, with special reference to the tropics. 5. ed. xvi, 586p. 8° Calc., Hilton & Co., 1924. Also 6. ed. xv, 667p. Se. Pub. Co., 1927. Also 7. ed. xxvi, 728p. 1930. Also 8. ed. [with A. D. Stewart] xv, 660p. illust. 1935.

Also Editor of **Ghosh, Rakhal Das**. A treatise on materia medica and therapeutics. 8. ed. 698p. 8° Calc., 1920. Also 12. ed. 763p. 12° Calc., 1930.

— & **DAS, Jahar Lal**. A treatise on hygiene and public health; with special reference to the tropics; with an introduction by Col. Kenneth Macleod. xix, 378p. 12° Calc., Hilton & Co., 1912.

GHOSH, J. C. New industries; with numerous suggestions intended for educationists and capitalists throughout India. 6 pts in 1v. 8° Calc., Butterworth & Co., 1917-19.

GHOSH, Jogendra Nath, 1877-1939.

Obituary. Calcutta M. J., 1939, 35: 324, portr.

GHOSH, Rakhal Das, -1902. A treatise on materia medica and therapeutics, including pharmacy, dispensing pharmacology and administration of drugs. 8. ed. by B. H. Deare & B. N. Ghosh. xii, 698p. 8° Calc., Hilton & Co., 1920. Also 12. ed. by Birendra Nath Ghosh. xii, 763p. 1930.

GHOSN, Louis, 1908— *La péritonite tuberculeuse de l'adulte; apropos de 166 cas observés à l'Hôpital interdépartemental d'Hyères et soignés par la cure hélio-marine; considérations cliniques, thérapeutiques et sociales. 89p. 25cm. Lyon, C. Berlioz, 1939.

GHOST.

See Apparitions; Parapsychology.
GHOUILA-HOURI, Darius, 1898—*Contribution à l'étude des fistules vésico-intestinales. 145p. 8°. Par., L. Arnette, 1928.

GHOZLAN, Eugène, 1907—*Etude sur la sensibilisation et l'intolérance aux facteurs physiques. 50p. 8°. Par., M. Vigné, 1938.

GHOZLAND, Elie Henri, 1908—*Considérations sur l'atrésie et l'absence congénitales de la vésicule biliaire chez l'homme; leurs rapports avec la dilatation et la lithiase autochtone du cholédoque. 60p. 8°. Par., E. Le François, 1937.

GHUROV, Mihail, 1910—*La ligamentopexie dans l'incision transverse par suture des ligaments ronds à l'arcade fémorale (procédé du Docteur Douay). 64p. 8°. Par., M. Vigné, 1935.

GIACOMETTI, Louis, 1898—*Contribution à la thérapeutique des fractures de cuisse chez l'enfant. 43p. 2 pl. 8°. Par., A. Legrand, 1928.

GIACOMINI, Jacques, 1899—*Etude sur les rapports de la névralgie faciale avec la migraine. 48p. 25½cm. Par., Vigot frères, 1938.

GIACOSA, Piero, 1853-1928.
 [Biography] In *Gallerie hervorrag. Ther. Pharm. Gegenw.*, Genève, 1897, 269-72, portr.—**D., S.** [Necrologia] *Biochim. ter. sper.*, 1928, 15: 389-95.—**Giordano, D.** [Necrologio] *Riv. stor. sc. med.*, 1928, 19: 303, portr.—**Obituary.** *Brit. M. J.*, 1929, 1: 328.

GIAFFERI, Jacques André, 1910—*Etude sur les azotémies digestives dites par chloropénie; l'existence de signes d'atteinte rénale; le rôle de la déshydratation. 71p. 24½cm. Par., A. Legrand, 1938.

GIAMI, Maurice, 1905—*Traitement de l'asthme par l'anesthésie générale. 42p. 8°. Par., Jouve & cie, 1931.

GIANELLA, Carlo, 1904—*Die Höchstwehenzahlen der Spontangeburt bei Erstgebärenden mit normal weitem Becken unter Ausschluss des vorzeitigen Blasensprunges [Zürich]. 14p. 8°. Stuttg., F. Enke, 1931.
 Also *Zschr. Geburtsh. Gyn.*, 1931, 99:

GIANI, Emilio. Colesterinemia. xiii, 255p. roy. 8°. Como, C. Nani & Co., 1917.

GIANI, Pietro [Pietro] La difesa contro le malattie veneree. 27p. 16°. Milano, Ravà & Co., 1915.

GIANNETASIO, Niccola, 1865-1925.

Necrologio. *Med. nuova*, 1925, 16: 208.

GIANNI, Edgardo. La febbre traumatica. 133p. illust. 8°. Bologna, L. Cappelli [1936]

GIANNOULIS, Panagiotis, 1898—*Schmerzstillende Mittel in der zahnärztlichen Praxis [Leipzig]. 18p. 8°. [Zeulenroda, A. Oberreuter] 1928.

GIANT.

See Gigantism.

GIANT cell.

See also Bone marrow; Foreign body, Effect; Megakaryocyte, &c.; also names of diseases as Syphilis; Tuberculosis.

Cost, L. *Beitrag zur Riesenzellenfrage. 79p. 8°. Giessen, 1919.

Argaud, R. Rôle sclérogène des cellules géantes. *C. rend. Acad. sc.*, 1923, 176: 1579.—**Barta, E.** Les cellules géantes dans les cultures de tissus en rapport avec l'oxydation cellulaire et la formation de graisse intracellulaire. *C. rend. Soc. biol.*, 1926, 94: 1182-4.—**Chillà, A.** Le cellule giganti: istogenesi, valore morfologico ed isto-patologico. *Fol. med.*, Nap., 1926, 12: 100-16.—**Cohen, M.** Observation of formation of giant cells in turtle blood cultures. *Am. J. Path.*, 1926, 2: 431-6, 2 pl.—**Diss, A.** Les corps astéroïdes dans les cellules géantes. *Bull. Soc. anat. Paris*, 1924, 94: 349-52.—**Doan, C. A., Sabin, F. R.,**

& Forkner, C. E. The derivation of giant cells with especial reference to those of tuberculosis. *J. Exp. M.*, 1930, 52: Suppl., 89-111, 2 pl.—**Druckrey, H.** Experimentelle Beiträge zur Frage der Entstehung von Riesenzellen; nach Versuchen am Seeigeli. *Zschr. Krebsforsch.*, 1937-38, 47: 13-6.—**Dufrénoy, J.** La cellule géante chez les végétaux. *Rev. gén. sc. pur.*, 1924, 35: 467-72.—**Engström, H.** Ueber das Auftreten von Riesenzellen bei der Resorption intermuskulär implantierter gekochter Knochensubstanz. *Zschr. mikr. anat. Forsch.*, 1937, 41: 273-95.—**Flerov, N. K.** [Formation of giant cells] *Dnipropetr. med. J.*, 1927, 6: 479-85.—**Forkner, C. E.** The origin and fate of 2 types of multi-nucleated giant cells in the circulating blood. *J. Exp. M.*, 1930, 52: 279-97, 2 pl.—**Haythorn, S. R.** Multi-nucleated giant cells; with particular reference to the foreign body giant cell. *Arch. Path.*, Chic., 1929, 7: 651-713. Also repr.—**Hirsch, E. F., & D'Andrea, D.** Iron-incrusted fiber inclusions of giant cells. *Ibid.*, 8: 628-34.—**Johansson, H.** Studien über die Histogenese der Fremdkörper-Riesenzellen. *Acta path. microb. scand.*, 1937, 14: 89-110, 8 pl.—**Jordan, H. E.** Varieties and the significance of giant-cells. *Anat. Rec.*, 1925, 31: 51-64.—**Krompecher, R.** Die Ähnlichkeit beziehungsweise Identität der Knochen- und Knorpelgrundsubstanz resorbierenden Riesenzellen. *Verh. Anat. Ges.*, 1939, 47: 295.—**Lewis, W. H.** Binucleate cells and giant cells in tissue cultures and the similarity of the latter to the giant cells of tuberculous lesions. *Tubercle, Lond.*, 1926-27, 8: 317-30, pl.—**Maeta, M.** Experimentelle Studien über die Pathogenese der Fremdkörperriesenzelle. *J. Orient. M.*, Dairen, 1935, 22: 5.—**Miyata, S.** Ueber den Golgi-Apparat der Fremdkörperriesenzellen. *Tr. Soc. path. jap.*, 1935, 25: 293-7.—**Okkels, H.** Some observations on the cytology of multinucleated giant cells; Golgi-apparatus and microincineration. *Acta path. microb. scand.*, 1936, 13: 383-93.—**Rau, L.** Ueber Vorkommen, Bedeutung und Entstehung der Riesenzellen in normalen und pathologischen Zuständen. *Erg. allg. Path.*, 1932, 26: 229-352.—**Sato, J.** Ueber die histochemische Untersuchung der Riesenzellen, mit besonderer Berücksichtigung der Silberreaktion. *Tr. Jap. Path. Soc.*, 1932, 22: 453.—**Waterman, A. J.** Giant cells in omental grafts of whole rabbit embryos. *Anat. Rec.*, 1934, 59: 27-39.

GIANT-CELL tumor.

See also under names of parts affected as Bone; also types of tumors as Epulis; Sarcoma, &c.

Abadie, J. A propos des tumeurs à cellules géantes. *Ann. anat. path.*, Par., 1928, 5: 513-27.—**Bergstrand, H.** Notes on the genesis of giant-cell tumours. *Am. J. Cancer*, 1936, 27: 710-6.—**Brunschwig, A.** Observations on the changes occurring at benign giant cell tumor sites several years following treatment by conservative measures. *Am. J. Roentg.*, 1938, 40: 817-27.—**Campbell, L. D.** Giant cell tumors not connected with bones. *California West. M.*, 1926, 25: 212-4.—**Chatterton, C. C., & Flagstad, A. E.** Peculiar behavior of giant-cell tumors. *J. Bone Surg.*, 1927, 9: 111-8.—**Coley, B. L., & Higinbotham, N. L.** Surgical treatment of giant cell tumor. *Tr. South. Surg. Ass.*, 1935, 48: 287-301. Also *Ann. Surg.*, 1936, 103: 821-35.—**Coley, W. B.** Malignant changes in the so-called benign giant-cell tumor. *Tr. South. Surg. Ass.*, 1935, 47: 574-626. Also *Am. J. Surg.*, 1935, 28: 768-820.—**Gallavresi, L.** La radioterapia dei tumori a cellule giganti. *Arch. ital. chir.*, 1938, 52: 262-92.—**Geschickter, C. F., & Copeland, M. M.** Recurrent and so-called metastatic giant cell tumor. *Arch. Surg.*, 1930, 20: 713-55. — Tumors of the giant cell group; a pathologic entity. *Ibid.*, 21: 145-56. Also repr.—**Heim.** Beitrag zur traumatischen Genese der Riesenzellentumoren. *Deut. Zschr. Chir.*, 1937-38, 249: 790-3.—**Hummel, R.** Die Behandlung der solitären Riesenzellengeschwülste. *Röntgenpraxis*, 1932, 4: 545-64.—**Johnson, B. W.** Roentgen therapy in giant-cell tumors. *Wisconsin M. J.*, 1934, 33: 411-5.—**Kirklin, B. R., & Moore, C.** Roentgenologic manifestations of giant-cell tumor. *Am. J. Roentg.*, 1932, 28: 145-8.—**Kuklianskis, I. L.** Röntgendiagnostik und Röntgentherapie der gutartigen solitären Riesenzelltumoren. *Radiol. clin.*, Basel, 1939, 8: 305; 339.—**Merkulov, A. I.** [Case of giant cell tumors (non-malignant tumors)] *Sovet. khir.*, 1931, 1: 517-23.—**Ratcliffe, H. L.** Tumors in captive primates with a description of a giant cell tumor in a Chacma baboon, *Papio porcarius*. *J. Cancer Res.*, 1930, 14: 453-60.—**Ruiz, F. R., & Rossi, E. A.** Los tumores conjuntivos a células gigantes. *Prensa méd. argent.*, 1935, 22: 359-92.—**Sandberg, S. M., Goriainova, R. V., & Glikina, K. I.** [Roentgenotherapy in giant cell tumors] *Vest. rentg.*, 1934, 13: 156-62.—**Tramontano, V., & Fittipaldi, C.** Sui cosiddetti tumori a cellule giganti. *Tumori*, 1930, 16: 469; 501, 6 pl.—**Wunderly, H. W.** Two cases of giant-cell tumour. *Med. J. Australia*, 1937, 2: 59-62, pl.—**Zeyland, J.** Les tumeurs à cellules géantes. *Ann. anat. path.*, Par., 1927, 4: 243-56.

GIAO, Manoel. A escola de cirurgia de Lisboa e os cirurgiões militares. 102p. 8°. Lisb. [n. pub.] 1925.

— O Serviço de saúde na campanha do Roussillon (apontamentos para a sua historia) 104p. 8°. Lisb., Empr. Literaria Fluminense [1925]

GIAQUINTO Mira, Mario, **DIAZ**, Francisco, & **ESTEVEZ**, Carlos. Ensayos terapéuticos en la oncoerciasis. p.975-1021. illust. 8°. Guatemala [n. pub.] 1935.

GIAR, Julius [Hermann] 1896— *Der Einfluss der Schwangerschaft auf die multiple Sklerose. 15p. 3 l. 8°. Frankf. a. M., H. C. Schack, 1925.

GIARD, Rémi, 1904— *A propos de quelques malformations diaphragmatiques chez le jeune enfant. 89p. 8°. Par., Lefrançois, 1932.

GIARDIA.

See also **Giardiasis**.

Armaghan, V. Biological studies on the Giardia of rats. Am. J. Hyg., 1937, 26: 236-58.—**Brug**, S. L. An observation of Giardia. J. Parasit., Urbana, 1935, 21: 132.—**Chatterjee**, G. C. On cultivation of Giardia intestinalis (Lambl.) Ind. M. Rec., 1927, 47: 33.—**Chu**, H. J. Giardia hegeneri n. sp. from a Philippine (dvet cat. J. Parasit., Urbana, 1929-30, 16: 231-6.—**Deschiens**, R. Giardia cati R. Deschiens, 1925, du chat domestique (Felis domestica) Ann. parasit., Par., 1926, 4: 33-48. Also C. rend. Soc. biol., 1925, 92: 1271.—**Friedrich**, L. [Giardia intestinalis] Gyógyászat, 1939, 79: 126.—**Hegner**, R. W. Giardia beckeri n. sp. from the kangaroo rat. J. Parasit., Urbana, 1925-26, 12: 203-6, pl.—**Jordans**, G. H. W. [Giardia intestinalis] Geneesk. gids, 1938, 16: 1199-207.—**Lavie**, G. Sur la structure du corps parabal de Giardia agilis. C. rend. Soc. biol., 1935, 120: 198-200. — Le mode de division des formes végétatives dans le genre Giardia. Ibid., 1939, 132: 452-5.—**Martens**, A. H. A., & **Koers**, C. H. [Giardia intestinalis] Ned. tscr. geneesk., 1928, 72: pt 2: 3781-6.—**Metzner**, R. Untersuchungen an Megastoma entericum Grassi aus dem Kaninchendarm. Zschr. wiss. Zool., 1901, 70: 3; 299.—**Nieschulz**, O., & **Krijgsman**, B. J. Ueber Giardia simoni Lavie. Arch. Protistenk., 1925, 52: 166-9.—**Plavchitch**, C. Action photodynamique de la bile sur Giardia intestinalis. C. rend. Soc. biol., 1934, 117: 42.—**Potter**, L. A. Two species of Giardia from the rat. Am. J. Hyg., 1928, 8: 77-81.—**Travis**, B. V. Descriptions of 5 new species of flagellate protozoa of the genus Giardia. J. Parasit., Lancaster, 1939, 25: 11-7.—**Tsuchiya**, H. A comparative study of diverse strains of Giardia lamblia Stiles, 1915. Am. J. Hyg., 1930, 12: 467-91. — A comparative study of trophozoites of Giardia lamblia Stiles, 1915, under varying conditions. Ibid., 500-2. — Changes in morphology of Giardia canis as affected by diet. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 708. — Studies on diversity of strains in Giardia canis (Hegner, 1922) and their biological variations as affected by diet. Am. J. Hyg., 1931, 14: 577-99. — The localization of Giardia canis (Hegner, 1922) as affected by diet. Ibid., 1932, 15: 232-46.—**Vasiliev**, A., & **Krascheninnikov**, S. On the nature of parabal body by Giardia intestinalis Lambl. Ann. protist., Par., 1934, 4: 167-9.—**Zeldin**, A. M. [Giardia intestinalis] J. usov. vrach., 1929, 7: 302-4.

Carriers.

Hegner, R., & **Eskridge**, L. Natural elimination of Giardia muris from rats. J. Parasit., Lancaster, 1938, 24: 475.—**Pessoa**, S. B., & **Correa**, C. Sobre a disseminação de cystos de Giardia intestinalis (Lambl.) pelas baratas. Rev. biol., S. Paulo, 1927-29, 1: No. 1, 90-3.—**Young**, M. D. Cockroaches as carriers of Giardia cysts. J. Parasit., Urbana, 1937, 23: 103.

Cyst.

Deschiens, R. Kystes de Giardia sp. observés chez le lion (Felis leo) C. rend. Soc. biol., 1925, 93: 1065.—**Hegner**, R. The viability of cysts of Giardia lamblia from man in the stomach of the rat. Am. J. Hyg., 1927, 7: 782-5.—**Liddo**, S. Anomalia delle cisti di Giardia intestinalis. Pathologica, Genova, 1934, 26: 607.—**Rachmanov**, H. Die Bestimmung des spezifischen Gewichts der Zysten von Giardia intestinalis (Giardia intestinalis) Arch. Schiff's Tropenhyg., 1936, 40: 395.—**Sautet**, J. Formation des kystes bleus de Giardia intestinalis. Ann. parasit., Par., 1929, 7: 193-5.—**Tsuchiya**, H. A study on variabilities in dimensions and numbers of discharged cysts of Giardia lamblia (Stiles, 1915) from day to day under normal conditions. Am. J. Hyg., 1931, 13: 544-67. — A comparative study of measurements of stained and unstained cysts of Giardia lamblia. J. Parasit., Urbana, 1931, 17: 207.

Pathogenicity.

See also **Giardiasis**.

LAHMANN, F. *Die Lambliosis des Menschen, eine sekundäre Erkrankung; Beobachtungen bei Züchtungsversuchen und Krankheitsfällen mit einem Beitrag zur Pathogenität dieser Parasiten. 48p. 8°. Münch., 1927.

SCHÄFFER, G. *Giardia intestinalis als Krankheitserreger. 32p. 8°. Bresl., 1936.

SUN, Y. S. *Die Pathogenität der Giardia intestinalis [Berlin] 72p. 8°. Charlottenb., 1934.

Carrere, J. Investigaciones sobre el rol patógeno y tratamiento de lamblías intestinales. An. Fac. med., Montev., 1925, 10: 999-1004, 3 pl.—**Dutt Gupta**, A. K. The possible pathogenicity of Giardia intestinalis. Ind. M. Gaz., 1927, 62: 561.—**Forti**, E. Sull'azione patogena della Giardia intestinalis. Arch. pat., Bologna, 1925, 4: 418-24.—**Friedrich**, L. [Pathogenicity of Giardia intestinalis] Orv. hetil., 1937, 81: 1125-9. Also Klin. Wschr., 1938, 17: 605-8. Also Arch. mal. app. digest., Par., 1938, 28: 693-721.—**Kecht**, B. Zur Frage der Pathogenität von Giardia intestinalis. Wien. klin. Wschr., 1931, 44: 1500-2.—**Mandoul**, R. Que faut-il penser de la lambliose? les localisations des lamblías; leurs possibilités pathogènes. J. méd. Bordeaux, 1939, 116: 52-63.—**Nothoven van Goor**, J. M. [Role of Giardia intestinalis in human pathology] Ned. tscr. geneesk., 1929, 73: pt 2: 5557-68, pl.—**Penso**, G. Sull'azione patogena della Giardia intestinalis. Policlinico, 1931, 38: sez. prat., 949-54.—**Schäffer**, G. Giardia intestinalis als Krankheitserreger. Arch. Verdauungskr., 1936, 60: 75-104.—**Scheidel**, H. Ueber die Pathogenität von Giardia intestinalis. Med. Klin., Berl., 1929, 25: 2001-3.—**Schupak**, N. B. [Is Giardia pathogenic?] Ter. arkh., 1937, 15: 639-51.—**Wezler**, K. Ueber Giardia intestinalis und ihre Bedeutung für die menschliche Pathologie. Arch. Verdauungskr., 1927, 40: 18; 197.

GIARDIASIS.

See also **Colitis**; **Diarrhea**, parasitic; **Dysentery**, protozoal; **Enteritis**; **Gall-bladder**, Giardiasis; **Intestine**, Parasitology.

CHAMPSAUR, A. F. *La lamblíase; étude biologique, clinique et thérapeutique. 140p. 8°. Par., 1932.

Baumgartner, E. A. Giardia (Lamblia) infestation of man. Clifton M. Bull., 1926-27, 12: 98-102.—**Bernal Flandes**, F. Lamblíasis. Rev. méd. veracruz., 1939, 19: 2951-6.—**Carrière**, C., & **Huriez**, C. Les lamblías. Echo méd. nord, 1932, 36: 469; 482. Also Gaz. hóp., 1932, 105: 1201; 1237.—**Dávila**, L. G. Lamblíasis. Bol. Hosp. San Juan, Quito, 1928, 3: 20-34.—**De Rivas**, D. Giardiasis. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 11: 232-6.—**Friedrich**, L. [Lamblíasis] Orv. hetil., 1939, 83: mell., 127.—**Galli-Valerio**, B. La lamblíase. Rev. méd. Suisse rom., 1924, 44: 1-14.—**Likhta**, L. M. [Lamblíasis] Sovet. klin., 1931, 15: 11-17.—**Limcher**, L. F., & **Trainina**, M. G. [Problem of lamblíasis] Ibid., 30-8.—**Little**, A. H. Lamblíasis (giardiasis) N. Orleans M. & S. J., 1934-35, 87: 602-6.—**Lyon**, B. B. V., & **Swaim**, W. A. Giardiasis; frequency, recognition, treatment and certain clinical factors. Tr. Am. Gastroenter. Ass. (1925) 1926, 28: 262-77. Also Am. J. M. Sc., 1925, 170: 348-64.—**Pereira e Oliveira**, A. Revendo o problema da giardíose. Med. cir. pharm., Rio, 1939, 623-34.—**Terian**, S. A. [Lamblíasis] Vrach. gaz., 1931, 35: 1675-7.—**Whitaker**, P. F. Giardiasis. Virginia M. Month., 1931, 58: 186-90.

biliary, duodenal, and hepatic.

See also **Duodenum**, Parasites; **Gall-bladder**, Giardiasis.

HOFFMANN, H. *Zur Kenntnis der Lambliose der Gallenwege und ihre Behandlung [Berlin] 16p. 23cm. Bad Mergentheim, 1937.

SMIRNOV, L. *Contribution à l'étude de la giardiase vésiculaire. 42p. 8°. Par., 1929.

Balena, A. Giardíose biliar. Brasil med., 1935, 49: 47-56.—**Bonanno**, A. M. Le forme cliniche della lamblíasi delle vie biliari. Gior. batt. immun., 1939, 23: 386-403.—**Boros**, E. Lamblíasis simulating duodenal ulcer; case report. Ann. Int. M., 1930-31, 4: 1004.—**Cade**, A., **Cotte**, G., & **Morenas**, L. Étude d'un cas de lamblíose tenace; inefficacité de la cholécystectomie. J. méd. Lyon, 1929, 10: 531-4.—**Cain**, A. Les réactions de la vésicule biliaire au cours de la giardíose (lamblíose) du tube digestif. Bull. Soc. méd. Paris, 1930, 267-71.—**Carnot**, P., & **Gachlinger**, H. Lamblíase vésiculaire ou duodénale? présence de lamblías dans la bile vésiculaire après injection hypophysaire. Paris méd., 1926, 59: 485-7.—**Castex**, M. R., & **Galan**, J. C. La giardiase duodénale. Arch. mal. app. digest., Par., 1926, 16: 633-45. Also Bull. Soc. méd. hóp. Paris, 1926, 3. ser., 1: 385-8. Also Prensa méd. argent., 1925-26, 12: 425-8.—**Chantriot**. Un cas d'hépatite aiguë primitive à Giardia avec menace d'abcès; action de l'arsémétine. Clinique, Par., 1932, 27: 321.—**Chiray**, M., & **Lebon**, J. A propos de la lamblíase vésiculaire. Bull. Soc. méd. hóp. Paris, 1925, 3. ser., 49: 1344-6.—**Deschiens**, R. Recherches sur l'infection des voies biliaires par les lamblías. Arch. mal. app. digest., Par., 1930, 20: 951-7.—**Fortunato**, A. Un caso di colecistite da Giardia con coleistoatonía. Morgagni, 1934, 76: 1507-12.—**Fournier**, J. Présence de lamblías dans la bile provoquée après cholécystectomie. Bull. Soc. path. exot.,

Par., 1937, 30: 476-9.—Gachlinger, H. A propos de l'article de MM. Marmour et Lévin: la lamblasié dans les maladies du foie et des voies biliaires. Arch. mal. app. digest., Par., 1938, 28: 223-9.—Girardi, P. La lamblasié duodénale come malattia. Minerva med., Tor., 1937, 28: 58-65.—Goia, I., & Halitá, M. [Intestinal lamblasiis with hepato-biliary lesions: hepatic cirrhosis and cholecystitis] Cluj. med., 1931, 12: 206-10. Also Arch. mal. app. digest., Par., 1931, 21: 957-67.—Goia, I., & Sparchez, T. Betrachtungen über die Lamblasiis der Leber und Gallengänge sowie über die durch Lamblasiis hervorgerufene Cholezystitis. Arch. Verdauungskr., 1933, 54: 327-35.—Golob, M. Lamblasiis simulans cholelithiasis; report of 2 instances; with review of pertinent facts relative to the clinical and pathological significance of Lamblia in biliary tract and in the bowel. Am. J. Digest. Dis., 1934, 1: 233-8.—Gondard, L. A propos de quelques cas de lamblasié vésiculaire. Montpellier méd., 1938, 3, ser., 14: 26-36.—González Calvo, V. Lamblasiis hepática. Med. ibera, 1931, 15: 145-8. Also Inform. méd., Valladolid, 1931, 8: 30-40.—Grilli, A. Presenza di lamblie nel duodeno in un caso d'angiolite. Diagnosi, 1932, 12: 27-34.—Grott, J. V., & Petrynowski, M. L'infection du duodénum et des voies biliaires par les lamblas. Arch. mal. app. digest., Par., 1933, 23: 186-215.—Hess, H. H. Lamblia intestinalis im Duodenum. Arch. Verdauungskr., 1928, 43: 196-206.—Kraemer, M., & Asher, M. The rôle of giardia in the duodenum. Med. Rec., N. Y., 1934, 140: 676-8.—Labbé, M. La cholestite due au Lamblia intestinalis. Rev. gén. clin. théor., 1933, 47: 598.—Nepveux, F., & Gavrilá, L. Lamblasié biliaire. Ann. méd., Par., 1925, 18: 386-95.— Lamblasié vésiculaire. Bull. Soc. méd. hôp. Par., 1925, 3, ser., 49: 1505-11.—Madinaveitia, J. M. Sobre la supuesta lamblasiis vesicular. Arch. med., Madr., 1927, 27: 332-4.— Lamblasiis duodenal. Ibid., 1929, 31: 525-8.— Sobre 50 casos de lamblasiis biliar. Siglo méd., 1934, 93: 170.— & Ramírez, P. Lamblasiis duodenal. Progr. clin., Madr., 1928, 36: 817-9.— & Rúa, A. Sobre la supuesta lamblasiis vesicular. Rev. méd. Barcelona, 1927, 2, ser., 8: 98-102.—Marmur, J. N., & Levina, P. M. [Lamblasiis in affections of the liver and biliary tract] Ter. arkh., 1936, 14: 801-10. Also Arch. mal. app. digest., Par., 1937, 27: 905-18.—Martínez Fortún, O. Giardiiasis vesicular. Vida nueva, Habana, 1929, 24: 455-65.—Meersseman, F., & Tricault, G. La lamblasié vésiculaire. Rev. méd. chir. mal. foie, 1931, 6: 344-66.—Morenas, L. La giardiose des voies biliaires; étude critique. Ann. parasit., Par., 1930, 8: 201-14.— Lamblasié biliaire; vomissements périodiques et troubles nerveux. Bull. Soc. méd. hôp. Par., 1937, 3, ser., 53: 231-6.—Oliver-Pascual. Observaciones sobre 50 casos de lamblasiis duodenal. Siglo méd., 1934, 93: 144.—Ortiz Rivas, E. Lamblasiis vesicular. Rev. med. cir. Habana, 1927, 32: 5-17.—Oshima, M. Two cases of Lamblia intestinalis showing gall-stone-like symptoms. Jap. J. Gastroenter., 1930, 2: 166-8.—Papke, Lamblasiis und Gallenwegserkrankungen. Zbl. inn. Med., 1939, 60: 355.—Pappalardo, C. Lamblasiis e colelitias. Boll. Soc. biol. sper., 1926, 1, 44. Also Minerva med., Tor., 1928, 8: 60-9.—Pegoraro, C. La giardiiasis delle vie biliari. Riv. clin. med., 1936, 37: 440-58.—Petukhov, D. A. [Case of cholecystitis with lamblasiis of the biliary tract] Omskyi mrd. J., 1929, 4: 177.—Pietra, P., & Allodi, A. La lamblasiis delle vie biliari con osservazione di 11 casi di colelitias associata a presenza di lamblie nella cistifellea. Minerva med., Tor., 1927, 7: 757-76.—Pozzi, A., & De Muro, F. Sulla giardiiasis duodenale. Policlinico, 1935, 42: sez. prat., 2359-68.—Riskær, N. [Case of lamblasiis in a patient treated for affection of the biliary tract] Ugeskr. læger, 1939, 101: 180.—Saliotowna, E. [Two cases of cholecystitis caused by biliary lamblasiis (Lamblia intestinalis)] Nowiny lek., 1938, 50: 348-51.—Saries, R. Au sujet de la cholestite à Lamblia. Marseille méd., 1934, 71: 577.—Schill, E. Lamblia intestinalis neben Zeichen von Cholelithiasis. Deut. med. Wschr., 1928, 54: 1337.—Simici, Popescu, M., & Covaceanu, C. [Infection by Lamblia intestinalis through the duodenum and biliary duct in man, in Roumania] Rev. st. med., Bucur., 1936, 25: 663-72.—Stalder, H. Duodenocholangitis und Lamblia intestinalis. Schweiz. med. Wschr., 1934, 64: 106.—Stanojević, B. M. [Lamblia intestinalis in the bile] Cas. lek. česk., 1934, 73: 947-50.—Tempel, C. W. Biliary giardiiasis. Tr. Hawaii M. Ass., 1937, 47: 80-94.—Velho-da-Silva, J., & Lopes Pontes, J. P. Cholecystopathias por Lamblia intestinalis. Brasil méd., 1935, 49: 707-11.—Volodin, A. N. [Symptomatology and course of diseases of the liver and biliary tract in lamblasiis] Sovet. klin., 1931, 15: 18-29.—Winkler, L. Lamblia intestinalis und Cholecystitis. Med. Klin., Berl., 1926, 22: 1340.

Clinical aspect.

CHAMPSAUR, A. E. La lamblasié; étude biologique, clinique et thérapeutique. 136p. 8°. Par., 1933.

Balena, A. Estudio clínico da giardiose humana. Brasil méd., 1935, 49: 757-779.—Bray, R. S., & Leet, W. Giardiiasis: a clinical study. Rhode Island M. J., 1935, 18: 10-2.—Dalsace, J. A propos de la lamblasié; importance de l'étude clinique. Arch. mal. app. digest., Par., 1931, 21: 116-20.—Denis, Lamblia. Lyon méd., 1928, 142: 11.—Erdstein, F. Drei Fälle von Lamblininfektion. Mitt. Ges. inn. Med. Wien, 1935, 34: 93.—Goia, I., & Gavrilá, L. [Two cases of lamblasiis] Rev. st. med., Bucur., 1928, 17: 1051-9.—Goss,

C. C. Clinical giardiiasis; report of 27 cases. Northwest M., 1937, 36: 187-92.—Grams, H. Beitrag zur Lamblinienkrankung. Klin. Wschr., 1934, 13: 1796.—Jonckheere, A. A propos d'un cas de giardiiasis (lamblasié) autochtone. Bruxelles méd., 1930-31, 11: 1064-9.—Labbé, M. Evolution d'un cas de lamblasié grave. Arch. mal. app. digest., Par., 1929, 19: 190-3.—Marcellus, M. B. Report of 5 cases of giardiiasis (lamblasiis) U. S. Veterans Bur. M. Bull., 1925, 1: No. 6, 1-6.—Morenas, L. Quelques données pratiques sur la lamblasié. Lyon méd., 1925, 126: 277; 305.—Muro, P. de. Clinical aspects of giardiiasis. Acta med. scand., 1939, 99: 78-91.—Pascual, O. Observaciones sobre 50 casos de lamblasiis. Arch. med., Madr., 1934, 37: 130.—Paula e Silva, G. S. de. A clinical review of giardiiasis. Am. J. Digest. Dis., 1935-36, 2: 350-3.—Stevenson, C. W. Giardiiasis; report of cases. Texas J. M., 1927-28, 23: 596-9.—Toullec, F. A propos de la lamblasié. Bull. Soc. path. exot., Par., 1929, 22: 163-5.—Tsuchiya, H., & Andrews, J. A report of a case of giardiiasis. Am. J. Hyg., 1930, 12: 297.

Complication.

Aymerich, G. Cisti da echinococco del connettivo periuterino anteriore; presenza di Lamblia intestinalis nel liquido cistico. Riv. ital. gin., 1935-36, 18: Suppl., 133-9.—Bachi, S., & Scartozzi, C. Lamblasiis e appendicite. Policlinico, 1937, 44: sez. chir., 622-31.—Barraguer, I. Sur la coïncidence de la lamblasié et de certaines lésions du foy de l'oeil. Bull. Soc. path. exot., Par., 1938, 31: 53-8.—Dreyfus, J. R. Lamblinogen Addisonismus. Wien. klin. Wschr., 1937, 50: 1153-5.—Garin, G. Lamblasiis intestinale ed anemia con speciale riguardo alla forma grave e perniciosa. Riv. clin. med., 1926, 27: 899-914.—Grott, J. W. Die Lamblasiis als eventueller Krebsreger der Gallenwege. Schweiz. med. Wschr., 1939, 69: 683-5.—Grünels, P., & Pilgerstorfer, E. Ueber das Zustandekommen anämischer Zustände bei der Lamblininfektion des Menschen. Wien. klin. Wschr., 1939, 52: 991-3.—Rizzuti, G. La lamblasiis da sola od associata alle amebiasis. Gior. med. mil., 1934, 72: 1145-52. Also J. Am. M. Ass., 1935, 104: 848.—Roque, Morenas, & Delore, P. Dysenterie à Lamblia; tuberculose intestinale secondaire, granule terminale. Lyon méd., 1925, 136: 107-9.—Savolin, M. [Lamblia intestinalis in 2 patients with Biermer's anemia] Fin. läk. säll. hand., 1926, 68: 53-9.—Silva, R. H. Un cas de perforation du colon sigmoïde consécutive à une colite à Lamblia intestinalis. Arch. mal. app. digest., Par., 1931, 21: 1199-202.—Silvestrini, R. Lamblasiis ed anemia grave. Riforma med., 1925, 41: 139.—Tsuchiya, H., & Mizushima, H. Observations on a double mixed infection of Giardia lamblia Stiles, 1915. Am. J. Hyg., 1930, 12: 492-9.

Diagnosis.

De Muro, P., & Impallomeni, R. Studio clinico e radiologico della giardiiasis. Policlinico, 1939, 46: sez. med., 61-78.—Flieg, F. [Demonstration of Giardia lamblia and treatment] Budapesti orv. ujs., 1936, 34: 508.—Grott, J. W. [Examination of feces for intestinal lamblinogenic cyst by the author's modification of H. Rachman's method] Polska gaz. lek., 1939, 18: 615. Also Rinasc. med., 1939, 16: 333.—Simici, D., Popescu, M., & Covaceanu, C. Considérations sur l'importance sémiologique des épreuves Meltzer-Lyon et de Carnot et Gachlinger pour la recherche de l'infestation du duodénum et des voies biliaires par les lamblas intestinalis. Bull. Acad. méd. Roumanie, 1936, 2: 664-9.

Geographical distribution.

ARNIM, H. H. v. *Ueber gehäuftes Vorkommen von Lamblasiis intestinalis in einem Arbeitsdienstlager in der Mark [Freiburg] 27p. 8°. Lörrach-Stetten, 1935.

TOMASZEWSKI, J. *Ein Beitrag zur Frage der Lamblasiis unter Berücksichtigung der im deutsch-oberschlesischen Bergrevier beobachteten Fälle. 26p. 8°. Bresl., 1933.

Buttiaux, R. La lamblasié intestinale dans le nord de la France. C. rend. Soc. biol., 1933, 114: 1173.—Chodsko, W. La lamblasié en Pologne. Arch. méd. sociale, Brux., 1939, 2: 339-54. Also Bull. Off. internat. hyg. pub., Par., 1939, 31: 457-70, pl.—Lévy, P. P., Ménétrier, J., & Bonnet, J. Sept cas de lamblasié intestinale dans une famille de 7 personnes. Bull. Soc. pédiat. Paris, 1936, 34: 787-92.—Lickint, F. Die Lamblasiis, eine Bergrevierkrankheit? Münch. med. Wschr., 1932, 79: 993.—Lörcincz, F. [Giardiiasis (lamblasiis) occurrence of Giardia in Hungary] Gyógyászat, 1931, 71: 698-700.—MacPhee, L., & Walker, B. S. Intestinal giardiiasis in New England, with notes on its pathogenicity and symptomatology. Am. J. Digest. Dis., 1934-35, 1: 768-73.—Marmo, A. Giardiiasis; primi casi accertati in Eritrea. Arch. ital. sc. med. col., 1931, 12: 336-72, 2 pl.—Parodi, S. E., & Nino, F. L. La Giardia intestinalis en nuestro país; su frecuencia y rol patógeno. Sem. méd., B. Air., 1926, 33: pt. 2, 715-8.—Spadaro, O. Osservazioni sulla lamblasiis in clima tropicale. Rass. san. A. O. I., Addis Abeba, 1939, 1: No. 3, 60-4.—Tao, S. M. Giardia intestinalis in North China; a study of 649 cases. Nat. M. J. China, 1936, 16: 347-59.—Teige, H. Die Lamblasiis bei den Bergarbeitern des Ruhrgebiets als Ursache von Magenbeschwerden. Klin. Wschr., 1929, 7: 1175.

— intestinal.

BEHNKE, H. [E. M.] *Der Infekt des Menschen mit *Lamblia intestinalis*; seine Klinik und Therapie. p.175-215. 8° Berl., 1930.

Also Erg. inn. Med. Kinderh., 1931, 39:

KURZWEG, P. [H. E.] *Die klinische Bedeutung der Lambliosis intestinalis. 44p. 8° Berl., 1932.

PANITZA, G. *Ueber Lamblienenteritis. 30p. 8° Lpz., 1929.

Arroyo, J. Un caso de lamblia intestinal. Gac. méd. México, 1925, 56: 416-27.—Beck, M. Choleraähnliche Erkrankung, verursacht durch *Lamblia intestinalis*. Arch. Schiff's Tropenhyg., 1925, 29: 668-70.—Cain, A., & Sikorav, H. La lamblia intestinale. Rev. prat. mal. pays chauds, 1933, 18: 349-66.—Farmakidis, C. Sulla lamblia intestinale. Gazz. internaz. med. chir., 1927, 32: 322-5.—Faust, E. C. Habitat of *Giardia* in the intestine. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 621-3.—Flossbach, F. Zur Klinik der Lambliosis intestinalis. Deut. Zschr. Chir., 1933, 241: 486.—Gómez Marciano, A., & Gutiérrez Hernández, A. Lambliasis intestinal. Progr. clin. Madr., 1928, 36: 233-49.—Halfer, G. Sulla lamblia intestinale. Minerva med., Tor., 1925, 5: 389-91.—Hanns, A. Un cas d'entérite à *Giardia*. Strasbourg méd., 1933, 93: 67.—Heckenroth, F. Quelques considérations sur l'infection à *Giardia intestinalis*. Rev. prat. mal. pays chauds, 1923, 8: 389-402.—Lezama, L. Dos casos de enteritis a *Lamblia*. Sem. méd., B. Air., 1929, 32: 1182.—Mareclius, M. B. An unusual case of *Giardia intestinalis*. U. S. Veterans Bur. M. Bull., 1927, 3: 925-8.—Menest, R. La lamblia intestinale. Gior. med. prat., 1926, 8: 165; 177.—Nuzzi, P. La lamblia intestinale. Morgagni, 1934, 76: 993-1001.—Penso, G. *Giardia intestinalis* (Lambl) e giardiasi: studio parasitologico e clinico. Ann. med. nov., Roma, 1929, 35: pt 2, 125-61, 2 pl.—Petrin, I. *Lamblia* intestinale. Biol. med., Milano, 1929, 19: 76-97.—Quillian, W. Diarrhea caused by *Lamblia intestinalis*; with report of a case. J. Florida M. Ass., 1928-29, 15: 200-12.—Quiñones, M. Lambliasis digestivas. Gac. méd. México, 1938, 68: 410-26. Also Rev. med. Rosario, 1939, 13: 8-23.—Romano, N., Rey, S., & Meiller, E. Giardiasis intestinal formas clínicas y tratamiento. Prensa méd. argent., 1938, 25: pt 2, 1725-30.—Sangiori, Lambie e spironemacee nell'intestino umano. Pathologia, Genova, 1915-16, 8: 162-4.—Seyfarth. Lamblienenteritis. Med. Klin., Berl., 1926, 22: 711.—Sulek, W. [Pathogenesis and course of intestinal lamblia] Lek. wojsk., 1930, 16: 396-412.—Tiamontano, V. Lambliasis intestinale. Gazz. internaz. med. chir., 1926, 31: 65-9.—Vanni, V. Lambliosi intestinale. Rinasc. med., 1924, 1: 395-7.—Véghelyi, P. [Case of giardiasis, resembling a coeliac disease] Budapesti orv. ujs., 1938, 36: 841-4.—Vogelsang, T. M. [Intestinal giardiasis] Med. rev., Bergen, 1931, 48: 163-8.

— Manifestations.

See also subheadings biliary; intestinal.

BENTZIN, F. [W. O.] *Die Infektion des Menschen mit *Lamblia intestinalis* und seine klinische Erscheinung [Berlin] 34p. 8° Düsseldorf, 1937.

MOREL, E. *Etude sur l'infection de l'organisme humain par *Giardia entericum* (*Lamblia intestinalis*) et plus particulièrement sur les formes à évolution grave. 59p. 8° Par., 1929.

Dracoulides, N. N. Prurit par *Lamblia*. Bull. Soc. fr. derm. syph., 1939, 46: 735.—Fournier, J. A propos des manifestations extra-intestinales de la lambllose. Bull. Soc. path. exot., Par., 1938, 31: 716-22.—Gabrielle, H., Hugonot, G., & Duval, M. Syndrome uréthro-articulaire au cours d'une entérite à *Lamblia*. Lyon méd., 1938, 162: 299-304.—Goia, I., & Gavril, I. Contribution à la symptomatologie de la lamblase. Arch. mal. app. digest., Par., 1930, 20: 1185-91; 1934, 24: 274-80.—Montanari, A. Discussione sopra un caso di lamblia con concomitante risentimento colecistico e sintomatologia prevalentemente gastrica. Gior. clin. med., 1940, 21: 363-74.—Spears, M. M. The role of *Giardia* in gastrointestinal symptoms. Rev. Gastroenter., 1939, 6: 512-6.—Tecon, R. M. Symptomatologie, clinique et traitement de la lamblase. Praxis, Bern, 1938, 27: 760-2.—Teigte. Die Lambliose als Ursache von Bauchschmerzen und ihre Behandlung. Ther. Gegenwart, 1937, 78: 390-4.—Véghelyi, P. [Pathogenesis of symptoms in giardiasis] Gyógyászat, 1939, 79: 145; 170.—Vinnikov, M. E., & Denisova, M. G. [Allergic reactions in lambliosis] Vrach. delo, 1937, 19: 521-8.

— Pathology.

See also *Giardia*. Pathogenicity.

Boeck, W. C. Giardiasis in man; its prevalence and relation to diarrhea and to gallbladder disease. Arch. Int. M., 1927, 39: 134-58.—Brucke, K. Ueber Erkrankungen des Menschen an *Lamblia intestinalis*. Arch. Verdauungskr., 1931, 49: 216-31.—Brulé. Polymorphisme des colopathies à trichocéphale

et au *Lamblia*. Rev. gén. clin. théor., 1934, 48: 566-8.—Calder, R. M., & Rigdon, R. H. *Giardia* infestation of gall-bladder and intestinal tract. Am. J. M. Sc., 1935, 190: 82-8.—Carnot, P., Catinat, J. [et al.] *Lamblia* pancréatique. Paris méd., 1940, 115: 36-8.—Chalfen, S. S. Zur Frage über die Lambllose. Arch. Verdauungskr., 1929, 46: 96-106.—Chatridse, I. Lambliophagie durch Entamöben des menschlichen Darmes. Arch. Schiff's Tropenhyg., 1927, 31: 242.—Dzsinich, A., & Szent-Györgyi, N. [Pathogenesis of lamblia] Orv. hetil., 1936, 80: 508-10.—Gaehlinger, H. L'importance croissante de la lamblia dans l'étiologie des colites. Paris méd., 1935, 97: 149-51.—Heubner, D. L. *Lamblia* als Krankheit (Beobachtungen an 173 Fällen) Zschr. klin. Med., 1930-31, 115: 293-315.—Kudriakov, V. T. [Pathology of lamblia] Vrach. delo, 1929, 12: 1345-7.—Miles, D. W., & Culbertson, J. T. Persistence of infection with *Giardia intestinalis* in man. J. Lab. Clin. M., 1939-40, 25: 286.—Moretti, P. Enterocoliti e colecistiti de *Lamblia*. Rass. internaz. clin. ter., 1929, 10: 279-301.—Spangenberg, J. J., Munist, L., & Ardaiz, A. Consideraciones acerca de la localización habitual de las giardias en el tubo digestivo. Arch. argent. enferm. ap. digest., 1936-37, 12: 372-81.—Ziemnicki, W. [*Giardia intestinalis* in the stomach] Polska gaz. lek., 1927, 6: 911.

— Treatment.

FAGOT, A. Traitement de la lamblase par l'atébri-ne-quinacrine, étude expérimentale et clinique. 71p. 25cm. Lyon, 1938.

IRAZABAL-LUIGI, M. *Contribución a l'étude expérimentale du traitement de la lamblase. 59p. 8° Par., 1935.

Also Ann. parasit., Par., 1937, 15: 29-45.

PIATTI, E. *La lamblase et son traitement par l'atébri-ne Bayer. 19p. 22½cm. Lausanne, 1938.

POISBEAU, R. *Contribución a l'étude du traitement de la lamblase par les composés arsenicaux (néosalvarsan et stovarsol) 62p. 8° Par., 1932.

Acosta Silva, M. Tratamiento específico de las parasitosis por *giardia* intestinal. Gac. méd. Caracas, 1938, 45: 298-300.—Angelini, G. Sul recente metodo di cura della lamblia con preparati acridinici tipo atebri-n. Arch. ital. mal. app. diger., 1939, 8: 145-8.—Arnozan, X. Un cas de lamblase, traitement par l'hydrargyrum cum creta; guérison. J. méd. Bordeaux, 1926, 56: 863.—Ashbel, S. I. [Dynamics of the secretion of acirchin with bile during treatment for lambliosis] Ter. arkh., 1939, 17: No. 5, 80-6.—Baicigalupo, J. Algunas consideraciones sobre giardiasis y su tratamiento. Arch. argent. enferm. ap. digest., 1937, 13: 5-16. Also Rev. san. mil., B. Air., 1937, 36: 945-7. ———. Traitement de la lamblase. Presse méd., 1939, 47: 817.—Baldina, A. I. [Treatment of lamblia with acirchin] Ter. arkh., 1936, 14: 811-5. ———. [Treatment of lamblia with quinacrine per os] Klin. med., Moskva, 1938, 16: 712-5.—Balena, A. A giardiose e sua terapeutica. Brasil med., 1939, 53: 113-9. ———. Tratamento da giardiose pela atebri-na. Rev. med. Bahia, 1939, 7: 91-103.—Breuer, A. Die Symptomatologie und die Behandlung der *Lamblia*-Infektion des Menschen. Arch. Schiff's Tropenhyg., 1938, 42: 201-22.—Brumpt, L. Traitement expérimental de la lamblase. C. rend. Soc. biol., 1937, 124: 1040-2.—Cade, A., & Milhaud, M. La lamblase et son traitement. J. méd. Lyon, 1938, 19: 485-93.—Cade, Morenas & Grivet. Lambliose vésiculaire et intestinale: cachexie; efficacité remarquable du traitement par les arsénicaux pentavalents. Lyon méd., 1925, 136: 749-53.—Cain, A., Cattau, R., & Sikorav, H. Le traitement de la lamblase intestinale par la quinacrine. Arch. mal. app. digest., Par., 1938, 28: 383-8.—Chantriot. Le problème thérapeutique de la lamblase. Ibid., 1931, 21: 578, 1933, 23: 36. ———. Un nouveau traitement de la lamblase. Clinique, Par., 1932, 27: 29-33.—Croveri, P. Su due casi di giardiasis curati con il timolo. Arch. ital. sc. med. col., 1934, 15: 561-70. ———. Sulla terapia della giardiasi. Rass. internaz. clin. ter., 1937, 18: 641; 688.—De Muro, P. Successful treatment of giardiasis in man with acranil, a hydrochlorate of a new acridinic compound. Acta med. scand., 1939, 102: 17-21. ———. Atebrinbehandlung bei Giardiasis (Lamblia) Deut. med. Wschr., 1939, 65: 262.—Denoeux. Le traitement de l'amblase chronique et des entérites à *Lamblia* par le stovarsol. Biol. méd., Par., 1925, 15: 121-8.—Dibold, H. Zur Behandlung der Lambliosis intestinalis. Med. Klin., Berl., 1935, 31: 815-7.—Drobinsky, I. R. [Treatment of lamblia with acirchin] Med. parazit., Moskva, 1940, 9: 298-300.—Efendiev, M. E. Ueber die Therapie der Lambliosis. Klin. Wschr., 1936, 15: 1449.—Enault. Un cas de colite à *Lamblia* chez un malade ne tolérant pas l'arsenic; traitement crono-médicamenteux. Marseille méd., 1936, 73: 329-32. ———. Un cas de colite à *Giardia*; traitement crono-médicamenteux; résultat. Bull. Soc. path. exot., Par., 1937, 30: 379-82.—Falla Álvarez, L., Silveira, R., & Bernardino, S. El tratamiento de la lamblia por la atebri-na; consideraciones clínicas y terapéuticas. Vida nueva, Habana, 1938, 41: 320-30.—Fillion, H., & Millischer, P. La

résine du *Schinus terebinthifolius* dans le traitement de la lamblie. Bull. Soc. path. exot., Par., 1935, 28: 92-7.—**Friedrich, L.** [New and successful treatment of *Lamblia intestinalis*] Orv. hetil., 1939, 83: 1016-8.—**Galizzi, J.** Novo trattamento da giardia humana. Brasil med., 1939, 53: 329-34.—**Galli-Valerio, B.** La lamblie et son traitement par l'atébri. Schweiz. med. Wschr., 1937, 67: 1181.—**Garin, C.** Traitement et manifestations cliniques réelles de la lamblie. Presse méd., 1938, 46: 1505. Also Rev. prat. mal. pays chauds, 1939, 19: 779-86. — & **Bernay, P.** Traitement de la lamblie par l'atébri ou quinaquine. Lyon méd., 1938, 161: 193-5.—**González, G.** La giardiasis; contribución al estudio de su patogenia y ensayos terapéuticos. Rev. san. mil., Asunción, 1938-39, 12: 951-62.—**Grott, J. W.** Sull'efficacia dell'atébri nella cura della lamblia. Rinasc. med., 1938, 15: 440-4, pl. — Ueber eine wirksame Behandlung der Lamblie mit Acranil, einer neuen Akridin-Verbindung. Münch. med. Wschr., 1939, 86: 373.—**Grüneis, P.** Ueber die Therapie der Lambliosis mit Atebrin. Wien. Arch. inn. Med., 1938, 32: Gesber. 21-34. Also Wien. klin. Wschr., 1938, 51: 605.—**Gutiérrez-Arrese.** Enteritis crónica por *Giardia* (*Lamblia*) tratada con éxito por arsenaicos. Arch. med., Madr., 1926, 24: 145-57.—**Hall, A. A.** Treatment of giardiasis. Ohio M. J., 1940, 36: 514-6.—**Hegner, R., & Eskridge, L.** The influence of bile salts on giardia infections in rats. Am. J. Hyg., 1937, 26: 186-92.—**Heilmann, K.** Die Behandlung der Lambliosis mit Atebrin. Münch. med. Wschr., 1938, 85: 1626-8.—**Khalil, M., & Shawky, I.** Lamblial dysentery treated with carbon tetrachloride. J. Trop. M. Hyg., Lond., 1923, 26: 285.—**Kharitonov, L. S.** [Treatment of lamblia] Vrach. delo, 1938, 20: 277-82.—**Lampé, H.** Ueber Lambliosis und ihre Behandlung nebst einem kasuistischen Beitrag. Ther. Gegenwart, 1938, 79: 25-8.—**Lauda, E.** Zur Therapie der Lamblienenteritis. Wien. klin. Wschr., 1934, 47: 1132.—**Love, J., & Tayloe, G. B.** Atebrin in the eradication of *Giardia lamblia*. U. S. Nav. M. Bull., 1940, 38: 239-42.—**Lukmanov, F. L.** [Complication during treatment of lambliosis with salvarsan] Kazan. med. J., 1939, 35: No. 8, 79-82.—**Madinaevita, J. M.** Nuevo tratamiento de la lamblia duodenal. Arch. med., Madr., 1930, 33: 309.—**Martin, P.** Nouveau traitement de la lamblie par un dérivé d'acridine. Rev. méd. hyg. trop., Par., 1937, 29: 33-6. — Le traitement de la lamblie par la quinaquine; résultats d'une expérience de près de 2 années. Ibid., 1938, 30: 32-9. — Le traitement de la lamblie: essais d'un nouveau sel de quinaquine pour éviter les possibilités d'intolérance à ce médicament. Ibid., 1939, 31: 37.—**Massia, G.** Le stovarsol dans la lamblie. Biol. méd., Par., 1924, 14: 191.—**Menk, W., & Mohr, W.** Zur Behandlung der Lamblie mit Atebrin. Münch. med. Wschr., 1939, 86: 1068-70.—**Mestechkin, A. N.** [Treatment of lamblia of the biliary tract with acrichin] Vrach. delo, 1939, 21: 167.—**Morrison, L. M., & Swalm, W. A.** A new effective parasiticide in giardiasis. Am. J. Digest. Dis., 1939-40, 6: 325-7.—**Niño, F. L.** A propósito del tratamiento de las infecciones por *Giardia intestinalis*. Sem. méd., B. Air., 1928, 35: pt. 2, 1617. — A propósito del tratamiento de la giardiasis. Bol. Inst. clin. quir., B. Air., 1939, 15: 14-21.—**Pagniez, P.** Le traitement de la lamblie. Presse méd., 1937, 45: 1765.—**Panayotatou, A.** Sur 2 cas de lamblie chronique; *Giardia intestinalis* Lambi; guérison par le stovarsol. Rev. méd. hyg. trop., Par., 1925, 17: 225-39. Also Rev. prat. mal. pays chauds, 1925-26, 5: 416-9.—**Pawan, J. L.** A case of *Giardia intestinalis* treated with stovarsol. Ann. Trop. M. Parasit., Liverpool, 1926-27, 20: 197.—**Permiakov, F., & Lande, T.** [Giardiasis cured with stovarsol] Vrach. gaz., 1927, 31: 1172-5.—**Petrovich, A.** Beitrag zur Behandlungsmethode Lambliose-kranker. Deut. med. Wschr., 1931, 57: 975.—**Porges, O.** Zur Symptomatologie und Therapie der Lamblia. Med. Klin., Berl., 1938, 54: 580-2.—**Poslavsky, E. V.** [Lamblia (giardiasis) and its treatment with acrichin] Klin. med., Moskva, 1940, 18: No. 6, 100-6.—**Quirno, N., & Camponovo, L. E.** A propósito del tratamiento de la giardiasis intestinal por la atebri. Rev. As. méd. argent., 1938, 52: 512.—**Rigobello, G.** Azione antiparassitaria della naftalina nella lamblia. Boll. Soc. med. chir., Pavia, 1932, 46: 9-24.—**Roubier, C.** Paralysie cubitale bilatérale apparue à la suite d'un traitement prolongé par le stovarsol chez un sujet atteint de lamblie. Lyon méd., 1938, 162: 345-9.—**Saad, B.** Le stovarsol et la lamblie. Biol. méd., Par., 1924, 14: 360.—**Scheidel, H.** Ueber einen äusserst hartnäckigen Fall von Lamblieninfektion der Gallenwege. Med. Klin., Berl., 1935, 31: 485.—**Shakhnazarov, A.** [Therapy of lamblia] Klin. med., Moskva, 1937, 15: 624-6.—**Shpichinetska, P. S.** [Acrichin in treatment of lamblia] Radianska med., 1940, 5: No. 4, 39-43.—**Sorge, G.** La cura della lamblia intestinale con la naftalina. Boll. Soc. ital. biol. sper., 1930, 5: 969-71. Also Policlinico, 1931, 38: sez. pract., 156.—**Spangenberg, J. J., Munist, L., & Ardáiz, A.** Tratamiento de las lamblia digestivas por la instilación duodenal de neo-salvarsan. Rev. As. méd. argent., 1936, 50: 373-9.—**Spisman, I. I., & Shakhova, A. N.** [Acrichin in treatment of lamblia] Sovet. vrach. J., 1938, 42: 687-92.—**Tanguy, Y.** Traitement de la lamblie par la quinaquine. Bull. Soc. path. exot., Par., 1937, 30: 693.—**Uzan, M., & Bonan, H.** La lamblie. Rev. tunis. sc. méd., 1928, 22: 241-5.

— in animals.

HERVÉ, V. L. J. *La paraplégie enzootique des agneaux (Giardiose) [Alfort] 41p. 8°. Lorient, 1929.

Graham, G. L. *Giardia* infections in a nematode from cattle. J. Parasit., Urbana, 1935, 21: 127.—**Hegner, R.** Excystation and infection in the rat with *Giardia lamblia* from man. Am. J. Hyg., 1927, 7: 433-47.—**Jakimov, W. L.** Un cas de lamblie du chien en Russie. Bull. Soc. path. exot., Par., 1929, 22: 80.—**Jassinowsky, M. A.** Ueber die Anzahl der Parasiten bei der Lamblie der Kaninchen. Arch. Schiffs Tropenhyg., 1927, 31: 191-3. — [Quantity of parasites in lamblia in rabbits] J. mikrob., Moskva, 1926, 3: 181.—**Kofoid, C. A., McNeil, E., & Bonestell, A. E.** Diseased rats showing increase of *Giardia* and a septicemic *Bacillus coli*. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1339-41.—**Lavie, G.** Sur la propagation et la durée des infections à *Giardia agilis* chez les batraciens. C. rend. Soc. biol., 1935, 120: 21-3.—**Turner, A. W., & Murnane, D.** *Giardia* in sheep in Victoria, Australia. Austral. J. Exp. Biol., 1932, 10: 53-6.

— in children.

Basu Mallik, K. L. A case of infection in an infant with *Giardia* (*Lamblia*) intestinalis. Ind. M. Gaz., 1926, 61: 448.—**Cade & Lepine, P.** Lamblie chez l'enfant. Lyon méd., 1925, 136: 446-8.—**Gourevitsch, D.** Zur Frage der Pathogenität der Lamblen und Trichomonas bei Kindern und der Therapie mit Myosalvarsan. Arch. Schiffs Tropenhyg., 1931, 35: 26-36.—**Graziani, G.** Contributo allo studio della dissenteria da *Lamblia intestinalis* nella infanzia. Riv. clin. pediat., 24: 812-22.—**Gross, M.** Die Lamblie im Kindesalter. Schweiz. med. Wschr., 1934, 64: 551-4.—**Guerstein, A., & Reydermann, J.** Douleurs abdominales chroniques chez les enfants; la lamblie des voies biliaires dans l'enfance. Arch. méd. enf., 1934, 37: 463-70.—**Hale, E. S.** Lamblia intestinalis en la infancia. Actas Congr. nac. med., Rosario, 1934, 5: Congr. pt. 4, 1097-101.—**Laffon, M.** Lamblia intestinalis en el niño. Arch. españ. pediat., 1930, 14: 668-70.—**Maccarini, H.** Los síndromes enterocólicos en la infancia; disenteria giardiana. Sem. méd., B. Air., 1940, 47: pt. 2, 456-60.—**McClendon, S. J.** Giardiasis in children: report of cases. California West. M., 1931, 34: 266-9.—**McLoon, M., & Zahorsky, J.** Giardiasis in children; report of 3 cases. Med. Woman J., 1927, 34: 195-9.—**Makara, G., & Véghelyi, P.** [Giardiasis des Kindesalters] Orsz. Köz. egészs. Int. közl., 1937, 10: No. 18, 1-13.—**Miller, R.** Lamblia as a cause of chronic enteritis in children. Arch. Dis. Childh., Lond., 1926, 1: 93-8.—**Moragas y Gracia, R.** Las infecciones por lamblia intestinales en los niños. Crón. méd. mex., 1934, 33: 254-7.—**Noone, E. L., Waltz, A. D., & Donnelly, J. D.** *Giardia* intestinalis and other intestinal parasites in children. Atlantic M. J., 1926-27, 30: 692-7.—**Nunan, B.** Giardiose intestinal na criança. Brasil med., 1936, 50: 379-83.—**Ossinovsky, N. I.** [Lamblia in children] Pediatría, Moskva, 1929, 13: 177-83.—**Peterman, M. G.** Pathogenic giardiasis in children. J. Lab. Clin. Med., 1927-28, 13: 75.—**Piccoli, A.** La lamblia intestinale nell'infanzia. Riv. clin. pediat., 1929, 27: 52-65.—**Poggi, I.** Infestazione da *Giardia intestinalis* nei bambini. Arch. ital. sc. med. col., 1933, 14: 332-51.—**Ragno, A.** Enterocolite da lamblia nel piccolo bambino. Riv. clin. pediat., 1934, 32: 1388.—**Saubidet, E. J.** La giardiasis en la infancia. Rev. méd. lat. amer., B. Air., 1930-31, 16: 993-1013.—**Véghelyi, P.** [Resorption in children infected with *Giardia*] Orv. hetil., 1939, 83: 183. Also Arch. Dis. Childh., Lond., 1939, 14: 155-8. — Giardiasis in children. Am. J. Dis. Child., 1938, 56: 1231; 1940, 59: 793. — & **Makara, G.** [Giardiasis in childhood] Gyógyászat, 1937, 77: 749-54.—**Zahorsky, J.** Giardiasis in an infant. Med. Clin. N. America, 1927, 11: 311-3. — & **McLoon, M.** Giardiasis in children; report of 3 cases. J. Am. M. Ass., 1927, 88: 385-8. Also repr.

GIAUNI, Gino. La tubercolosi intestinale (studio anatomico-clinico) xvi, 275p. illust. pl. 8°. Milan, F. Vallardi, 1935.

GIAUQUE, Alcide. *L'héliothérapie de la tuberculose du genou. 82p. 8°. Lausanne, Impr. du Léman, 1926.

GIAVEDONI, Giuseppe.

See **Berti, Antonio,** & **Giavedoni, Giuseppe.** L'apparato digerente al Raggi X [etc.] 323p. 4°. Padova, 1914.

GIBALLE, Rudolf. 1901—*Ueber den Milzbrand unter besonderer Berücksichtigung der Therapie [Berlin] 28p. 8°. Jena, G. Neuenhahn, 1932.

GIBARD, Paul. 1899—*Contribution à l'étude de la syphilis articulaire. 54p. 8°. Par., A. Legrand, 1925.

GIBB, William Travis. 1862—Minor surgery in general practice. xviii, 429p. illust. 8°. N. Y., P. B. Hoeber, 1934.

GIBBELS, Heinrich. 1891—*Zur Frage der künstlichen Unterbrechung der Schwangerschaft bei Depressionszuständen. Sp. 8°. Bonn [n. pub.] 1921.

GIBBERD, George F[rederick] A short textbook of midwifery. vii, 529p. illust. 8°. Lond., J. & A. Churchill, 1938.

GIBBERELLA.

Hessler, L. E., & Gortner, R. A. The carbon metabolism of *Gibberella saubinetii* on glucose. *J. Biol. Chem.*, 1937, 119: 193-200. Also repr.—Shands, R. G. Longevity of *Gibberella saubinetii* and other fungi in barley kernels and its relation to the emetic effect. *Phytopathology*, 1937, 27: 749-62.

GIBBERT'S disease.

See Pityriasis rosea.

GIBBONS, Herbert Adams, 1880—Les derniers massacres d'Arménie; transl. from English. 47p. 16° Par., Berger-Levrault [1916]

—The new map of Asia (1900-19) 3 l. ix-xivp. 571p. map. 8° N. Y., Century Co., 1919.

GIBBONS, P. A. See Goddard, E. H., & Gibbons, P. A. Civilisation or civilisations [&c.] 231p. 8° Lond., 1926.

GIBBONS, Robert Alexander, —1934. Berkeley, C. Obituary. *J. Obst. Gyn. Brit. Empire*, 1934, 41: 777.—Obituary. *Brit. M. J.*, 1934, 2: 493.

GIBBS, Egbert M. See Henry, Thomas A., Solomon, W., & Gibbs, Egbert M. Modified cinchona alkaloids. Part II. The action of sulphuric acid on quinine and quinidine. p.966-71. 8° [Bungay, Engl.] 1935. —Pt. 4. Constitution. p.592-601. 8° [Bungay, Engl.] 1937.

GIBBS, George. BUSHNELL, D. L., jr. Drawings by George Gibbs in the far northwest, 1849-1851. 28p. 18 pl. 8° Wash., 1938.

GIBBS, Josiah Willard, 1839-1903. DONNAN, F. G. The influence of J. Willard Gibbs on the science of physical chemistry; centenary celebration of the founding of the Franklin Institute and the inauguration exercises of the Bartol Research Foundation; September, 1924. 29p. 8° Phila. [1924?]

GIBBUS.

See Spine, Kyphosis.

GIBBERGY, Lucien, 1898—*Le médecin praticien devant les difficultés de l'allaitement maternel. 58p. 8° Par., E. LeFrançois, 1936.

GIBERT, Camille Melchior, 1797-1866. Beeson, B. B. Biography. *Arch. Derm. Syph.*, Chic. 1934, 30: 101-3.

GIBERT, Edouard, 1896—*Contribution à l'étude du rôle de la tuberculose dans la production de certaines bronchectasies chez l'adulte. 58p. 5 pl. 8° Par., Presses Univ. France, 1930.

GIBERT, Henri Paul, 1905—*Le sanatorium d'Osséja (Osséja de Cerdagne) description; étude sanitaire. 52p. 8° Par., A. Legrand, 1931.

GIBERT, Jean Hubert, 1914—*Contribution à l'étude des images calculeuses de la région sous-hépatique; calculs diverticulaires du coecocolon. 28p. 24½cm. Par., Expansion Sc. fr., 1939.

GIBERT, Louis. L'anesthésie régionale en stomatologie. 68p. 8° Par., O. Doin, 1922.

GIBERT, Louis, 1910—*Les dents et l'appareil masticateur chez les températures affiné et rustique. 77p. 24½cm. Par., M. Vigné, 1938.

GIBERT, Marie, 1906—*L'érythème nouveau tuberculeux. 86p. 8° Par., Jouve & cie, 1933.

GIBERT, Maurice, 1906—*Etude comparée des épidémies anciennes et des épidémies contemporaines d'infection puerpérale. 86p. 8° Lyon, Bosc frères, 1935.

GIBERT, Michel Edouard, 1911—*La luxation irréductible de la rotule et son traitement. 76p. 8° Par., L. Arnette, 1938.

GIBERT, Paul, 1871—La roentgen-thérapie des fibromyomes de l'utérus et des métropathies hémorrhagiques. 110, 1p. 8° Par., Masson, 1935.

GIBERT, Théophile, 1904—*Contribution à la technique de la gastrectomie dans les ulcus haut situés de la petite courbure. 80p. 7 pl. 8° Par., Maloine, 1937.

GIBERTON, André, 1899—*Contribution à l'étude chimique et biologique de quelques sucres. 60p. 8° Par., Press, Univ. France, 1925.

GIBNEY, Virgil Pendleton, 1848-1927. Obituary. *J. Am. M. Ass.*, 1927, 89: 48.

GIBON, Louis, 1912—*L'examen médical des externes des hôpitaux de Paris nouvellement nommés; résultats pratiques et premières conclusions. 82p. 24cm. Par., A. Legrand, 1938.

GIBALTAR. Medical Officer of Health. Annual report. 1891—

GIBALTAR fever.

See Undulant fever.

GIBRAT, Achille Paul, 1912—*Contribution à l'étude clinique des arthrites gonococciques pendant la grossesse et les suites de couches et en particulier de la coxite. 29p. 23½cm. Par., A. Lapied, 1939.

GIBRIN & SIMON, Louis. Album national anti-gaz. 12. éd. 3 l. 86p. illust. 8° Par., Charles-Lavauzelle, 1935.

GIBSON, Alexander George, 1875—The heart. vii, 108p. 16° Lond., H. Milford, 1926.

—The mycoses of the spleen. xii, 169p. 10 pl. 8° Lond., K. Paul & Co., 1930.

—The physician's art; an attempt to expand John Locke's fragment *De arte medica*. 4 l. 237p. 8° Oxf., Clarendon Press, 1933.

GIBSON, Andrew John, 1872-1925. Obituary. *Brit. M. J.*, 1925, 2: 630.

GIBSON, Gunnar, 1881-1934. Wigert, V. [Obituary] *Sven. läk. tidn.*, 1934, 31: 873-6, portr.

GIBSON, J. Ambulance handbook for boy scouts; complete instruction. vi, 2 l. 83p. Lond., Gale & Polden, 1911.

GIBSON, James Edgar. Dr Bodo Otto and the medical background of the American revolution. ix, 345p. pl. portr. 8° Springf., C. C. Thomas [1937]

GIBSON, Jefferson Demetrius, 1863—Handbook of pulmonary tuberculosis; its diagnosis, prognosis, prevention and treatment. 5 p. l.; 130 [11]p. pl. 8° Denver, Scientific Pub. Co., 1920.

GIBSON, Oscar William, 1855-1933. Hybbinette, R. [Obituary] *Tskr. mil. hälsöv.*, 1933, 58: 207.—Sjögren, T. [Obituary] *Hygiea*, Stockh., 1933, 95: 726, portr.

GIBSON, Paul W., 1884—The value of studies in health and sanitation in war planning. 19 l. 4° [n. p.] 1933.

No. 4 of essays submitted in competition for the Henry S. Wellcome medal and prize, 1933; typewritten.

GIBSON, Robert, 1876-1939. Obituary. *Lancet*, Lond., 1939, 1: 730.

GIBSON, S. Knight. See Headridge, David, & Gibson, S. Knight. Dental anatomy [&c.] 243p. 8° Edinb., 1928.

GIBSON, William, 1788-1868. Gerster, J. C. A. Master surgeons of America. *Surg. Gyn. Obst.*, 1931, 52: 122-4, portr.

GICHT, Rheuma, Aufbrauchskrankheiten. See Gudzent, Friedrich.

GICQUEL, Antoine Isidore, 1890— *Contributions à l'étude clinique et radiographique des fractures du col chirurgical de l'humérus chez l'enfant. 25p. 8°. Par., Masson & cie, 1921.

GID.

See **Multiceps.**

GIDLEY, J. W., & GAZIN, C. L. The pleistocene vertebrate fauna from Cumberland Cave, Maryland. vi, 99p. 10 pl. 8°. Wash., 1938.
Forms Bull. 171, U. S. Nat. Mus.

GIDON, F. Précis de l'ionothérapie électrique. 92p. 8°. Par., Lab. Clin [1929]

GIEBELS, Joseph, 1901— *Ueber das Verhalten des Grundumsatzes beim Gebärmutterkrebs, zugleich ein Beitrag zum Verhalten des Grundumsatzes vor und nach Röntgen- und Radiumbestrahlung auf Grund eigener Untersuchungen [Bonn] 47p. 8°. Viersen, Ges. f. Dr. & Verl., 1931.

GIEBNER, Werner. Eheanfechtung und Schizophrenie. 88p. 8°. Dresd., M. Dittert & Co., 1937.

GIEGEL, Alex, 1907— *Ueber den Verlauf des Wochenbetts nach intrauterinem Fruchttod an Hand der Fälle der Frauenklinik der Medizinischen Akademie in Düsseldorf [Münster] 20p. 8°. Düsseldorf, G. H. Nolte, 1934.

GIEHLER [Adolf Wilhelm] Joachim, 1909— *Die Wandlung der pommerschen Rasse, untersucht an Gräberschädeln aus dem 16. Jahrhundert und an Schädeln der Jetztzeit [Greifswald] 19p. 21cm. Lengerich, Lenger. Handelsdr., 1938.

GIEHRACH, Axel, 1908— *Ein Beitrag zur Klinik der angeborenen und kindlichen Leukämie [Königsberg] 18p. 8°. Würzb., R. Mayr, 1937.

GIEHRL, Fritz, 1906— *Heilungsergebnisse nach vollständiger Dickdarmentfernung. 18p. 8°. Würzb., R. Mayr, 1935.

GIEL, Johann, 1895— *Statistische Untersuchungen zur Frage der Neurotropie der *Spirochaeta pallida*. 34p. 8°. Münch., 1926.

GIELEN, Marianne [Henriette] 1906— *Klinische Untersuchungen mit einem neuen Schlafmittel Eldoral [Halle] 20p. 8°. Radebeul-Dresd., Kupky & Dietze, 1935.

GIEMSA, Gustav, 1867—
Zum 60. Geburtstag von Prof. Dr. Giemsa. Arch. Schiff's Tropenhyg., 1927, 31: 561, portr.—Zum 70. Geburtstag am 20. November 1937. Ibid., 1937, 41: 709, portr.

— & **OESTERLIN, M.** Chemotherapeutische Studien auf dem Gebiete der Chinnalkaloide. 32p. 8°. Lpz., J. A. Barth, 1933.

Forms Beih. 4, v. 37; Arch. Schiff's Tropenhyg.

GIEMSA'S stain.

See also **Blood picture, Technic: Staining; Malaria, Blood picture; Plasmodium, Staining, &c.; also Romanowsky stains; Stain [and staining]**

Castellengo, L. El Giemsa aplicado a los cortes de tejidos. Rev. Soc. argent. biol., 1935, 11: 169.—**French, R. W.** Polychrome stains: a substitute for Giemsa's stain. J. Lab. Clin. M., 1925-26, 11: 352-4.—**Giemsa, G.** Zur Praxis der Giemsa-Färbung. Zbl. Bakt., 1. Abt., 1923-24, 91: Orig., 343-6.—**Lacorte, J. G.** Influence du pH dans les colorations par la méthode de Giemsa. C. rend. Soc. biol., 1928, 98: 1579.—**Malowan, S.** Versuch zur Herstellung einer Giemsa-Lösung. Wien. klin. Wschr., 1917, 30: 1300.—**Manceaux, L.** Procédé de coloration rapide par la teinture de Giemsa. Bull. Soc. path. exot., Par., 1911, 4: 230-2.—**Pappenheim, A.** Azur-Romanowskyfrage. Fol. haemat., Lpz., 1912, 13: 1. Teil, 187-96.—**Parada Gay, M. A., & Iris, R. C.** Nota sobre el uso de buffer en la coloración de Giemsa. Bol. Inst. hig., Méx., 1937, 3: 81-5.—**Schirch, P.** Pesquisas sobre a coloração de Romanowsky-Giemsa como contribuição à teoria da coloração. Arch. brasil. med., 1924, 14: 33-5.—**Tarras-Wahlberg, B.** Giemsa

staining with buffer solution. Acta derm. vener., Stockh., 1930, 11: 168-73.—**Unna, P. G.** Zwei Bemerkungen zum Aufsatz Giemsa: Das Wesen der Giemsa-Färbung. Zbl. Bakt., 1. Abt., 1922-23, 89: Orig., 223.—**Vasconcellos, A. de.** Uma solução corante destinada a substituir a solução de Giemsa. Tribuna med., Rio, 1919, 25: 33-7.—**Weise, W.** Ueber die Giemsa-Färbung mit gepuffertem Wasser. Arch. Schiff's Tropenhyg., 1933, 37: 327-37, pl.—**Zotlov** [Rational staining of smears according to Giemsa's method] Sovet. vet., 1939, 16: No. 7, 81.

GIENKE, Wilhelm, 1906— *Fibrome der Mundhöhle. 23p. 8°. Freib. i. B., R. Rebholz, 1935.

GIERCKE, Hans Walther. Die Kriegsverletzungen des Herzens. 83p. 8°. Jena, G. Fischer, 1920.

Forms H. 5, v.2, Veröff. Kriegs Konstpath.

GIERE, Karl, 1899— *Zur diätetischen Behandlung der Hauttuberkulose. 46p. 8°. Gött., Handelsdr., 1932.

GIERER, Walter, 1900— *Ueber Ausfallserscheinungen nach operativer Entfernung des Uterus. 56p. 8°. Würzb., Gebr. Memminger, 1927.

GIERICH, Eva Marie, 1896— *Die Beeinflussung der Tuberculose durch Metallsalze und Vitamine; experimentelle Studie über eine Kombinationstherapie. 34p. 8°. Bresl. [L. Freund] 1926.

GIERING, Paul, 1907— *Zahn- und Mundkrankheiten der Volksschulkinder im Kreise Schwerin an der Warthe [Münster] 23p. 8°. Berl., Niemann & Sohn, 1937.

GIERKE, Edgar von, 1877— Taschenbuch der pathologischen Anatomie. 13. Aufl. 1. allg. Teil; 2. Spez. Teil. 2v. 4, 148p.; 3, 213p. illust. 8° Lpz., G. Thieme, 1936-37.

GIERKE'S disease.

See **Glycogenosis.**

GIERLICH, Hugo, 1904— *Experimentelle Untersuchungen über die zentralerregende Wirkung des Thujons bei durch Schlafmittel vergifteten weissen Mäusen [Bonn] 47p. 8°. W.-Elberfeld, E. Buchmüller, 1937.

GIERLICH, Josef, 1906— *Ueber die Dünndarmcarcinome und ihre Neigung zur Metastasenbildung. 52p. 8°. Bonn, H. Schönershoven, 1933.

GIERLICH, Hans [Albert] 1897— *Ueber den diagnostischen Wert der Magen-Darmprobe bei der Leichenöffnung Neugeborener nach stattgehabten Schultze'schen Schwingungen. 23p. 8°. Bonn, L. Neuendorff, 1925.

GIERSTER, Franz, 1912— *Infektionsresistenz bei den selteneren Krankheiten innersekretorischen Ursprungs [München] 47p. 21cm. Landshut, B. Werkmeister, 1937.

GIERSZUNY, Noé, 1907— *Les ulcères géants de la petite courbure. 48p. 25½cm. Lyon, Bosc frères, 1939.

GIES, Konrad [Heinrich] 1901— *Die Einwirkung von Krötengift und Strophanthin auf die refraktäre Phase des isolierten Froeschherzens [Marburg] p.427-46. 8°. Münch., J. F. Lehmann, 1927.

Also Zschr. Biol., 1927, 86:

GIES, Leonhard, 1904— *Ueber das primäre Sarkom der Iris unter besonderer Berücksichtigung der Therapie (Bericht über zwei Fälle von Fibrosarkom der Iris) 30p. pl. 8°. Giessen, O. Kindt, 1931.

GIES, Paul, 1901— *Ueber die neueren Theorien des Morbus Basedowii. 35p. 8°. Bonn, P. Kubens, 1927.

GIES, William John, 1872— Dental education in the United States and Canada; a

report to the Carnegie Foundation for the Advancement of Teaching, with a preface by Henry S. Pritchett. xxi, 692p. 4° N. Y., Carnegie Found. Advance. Teach., 1926.

Forms Bull. 19, Carnegie Foundation for the Advancement of Teaching.

See also William J. Gies testimonial dinner. J. Dent. Res., 1937, 16: 163.

GIESA, Otto, 1908— *Ueber das Angioma keratosum; Angiokeratom. 33p. 8° Königsb., J. Raabe, 1934.

GIESBERS, Franz, 1907— *Chemie und Wirkungen des Hormons der Nebenschilddrüsen [Rostock] 23p. 8° Rochlitz i. Sa., E. Vetter, 1933.

GIESE, Arthur Charles, 1904— See Burlingame, Leonas Lancelot, Giese, Arthur C., & Hungate, Robert E. General biology laboratory manual. 137p. 8° N. Y. [1931]

GIESE, Fritz, 1890— Die öffentliche Persönlichkeit. 249p. 8° Lpz., J. A. Barth, 1928.

Forms Beih. 44, Zschr. angew. Psychol.

— Methoden der Wirtschaftspsychologie. p.119-744. 8° Berl., 1935.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1935. Abt. VI, T. C. H. 1, Bd 2.

— Psychologie der Arbeitshand. p.803-1124. 8° Berl., 1935.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1935. Abt. VI, T. B. 2.

GIESE, Gertrud, 1895— *Tertiäre Syphilis der Nase [Leipzig] 24p. 8° [Zeulenroda, A. Oberreuter] 1928.

GIESE, Hans. *Der Dolor post extraktionem. 28p. [Gött.] 1925.

Typewritten.

GIESE [Karl Aurel] Willy, 1902— *Ueber einen Fall von Karzinombildung in der Gastroenterostomie [Berlin] 17p. 8° Charlottenb., Gebr. Hoffmann, 1929.

GIESE, Otto, 1908— *Ein Fall von Tetanus uteri bei Lymphangitis purulenta praecervicalis et parametralis [Jena] 19p. 8° Borna, R. Noske, 1935.

GIESE, Walter, 1901— *Ueber die chronische ankylosierende Versteifung der Wirbelsäule. 23p. 8° Berl., E. Ebering, 1929.

GIESE, Willy. Quarzstaub, Schwielenlunge und Lungentuberkulose. 66p. 5 pl. 8° Jena, G. Fischer, 1931.

Forms H. 28, v.7, Veröff. Kriegs Konstpath.

— *Die schwierige Induration der Lungenlymphknoten [Habilitationsschrift] p.555-622. 8° Freib. i. B. [n. pub.] 1933.

Also Beitr. path. Anat., 1933, 90:

GIESECKE, Hellmuth, 1901— *Cystitis dissecans gangraenescens [Berlin] 17p. 8° Lpz., G. Thieme, 1931.

GIESEMANN, Agnes, 1912— *Ueber die Beziehungen zwischen der Tätigkeit der hartsubstanzbildenden Gewebe dauerwachsender Zähne zur vitalen Farbspeicherung. 14p. pl. 8° Freib. i. B., Weis, Mühlhans & Rappke, 1935.

GIESEN, Heinrich, 1909— *Beitrag zur Kasuistik des Pseudoxanthoma elasticum. 22p. 5 pl. 8° Erlangen, K. Döres, 1936.

GIESEN, Herbert, 1908— *Die Differentialdiagnostik der Extrauterin-gravidität (mit besonderer Berücksichtigung der Wagner'schen Probe) [Berlin] 37p. 23cm. Quakenbrück, R. Kleinert, 1936.

GIESEN, Ludwig, 1907— *Zur Klinik der Narkolepsie [Freiburg i. B.] 11p. 8° Berl., W. deGruyter & Co., 1932.

GIESEN, Wilhelm, 1910— *Ueber den Einfluss des Follikelhormons auf den Blutdruck. 12p. ch. 23½cm. [Berl., G. A. Wagner] 1938.

GIESEWETTER, Fredrik Wilhelm, 1905— *Ueber das primäre Lungencarcinom. 32p. 8° Marb., J. Hamel, 1931.

GIESSELMANN, Walter [Otto] 1903— *Meckel'sches Divertikel im Bruchsack. 30p. 8° Rostock, C. Hinstorff, 1928.

GIESSEN, Richard, 1898— *Kritische Betrachtung der Zuckerbestimmungsmethoden: über die Einwirkung von Pankreasextrakt und Muskelplasma auf Glukose; Adsorption und Elution von Pankreasamylase (Trennung von Pankreasamylase) 56p. roy. 4° [Münch.] 1927.

Mimeograph.

GIESSEN. Universität. Balneological Institute at Bad-Nauheim. Scientific communications. Bad-Nauheim, v.1, No. 2, 1935—

GIESSEN, Germany.

BRÜGGEMANN, A. Chronik der Hessischen Ludwigs-Universität. 24p. 8° Giessen, 1930.

Jesionek, A. Lehrer der Heilkunde und ihre Wirkungsstätten. Münch. med. Wschr., 1933, 80: Beil., 29-32.

GIESSER, Daniel, 1886— *Das gemeinsame Vorkommen von Magengeschwür und Magenkrebs. 47p. 8° Bresl. [n. pub.] 1925.

GIESSLER, Paul W. Tuberculosis of the bones and joints. p.102-119. 8° Springfield, Ill., C. C. Thomas, 1930.

In Tuberculosis among children (Myers, J. A.) 1930.

GIET, Léon, 1893— *Du traitement par le plomb des cancers épithéliaux. 69p. 8° Par., Editions S. D., 1928.

GIETMANN, Aenne, 1912— *Zur Frage der primären und sekundären tuberkulösen Infektion von Zahnwurzelcysten. 36p. 8° Freib. i. B., K. Henn, 1935.

GIETZELT, Georg Fritz, 1903— *Diabetes mellitus bei Zwillingen. 39p. 8° Lpz., A. Edelmann, 1935.

GIEWEKEMEYER, Wilhelm, 1909— *Die Wirkung von Monobromacetat auf den Zuckerstoffwechsel von Bakterium coli [Münster] 23p. 21cm. Werne a. d. Lippe, F. Grube, 1935.

GIEZENDANNER, Ernst. *Beitrag zum Studium der kongenitalen Choledochuszysten [Zürich] p.150-205. 8° Münch., J. F. Bergmann, 1929.

Also Frankf. Zschr. Path., 1929, 38:

GIFFARD, Sir Gerald Godfray, 1867-1926. Obituary. Brit. M. J., 1926, 1: 123. Also Lancet, Lond., 1926, 1: 158.

GIFFEL, Gottfried, 1888— *Die Zahnprothese von ihren Anfängen bis heute [Heidelberg] 33p. 8° [Köthen, R. Schumann] 1929.

GIFFEN, Naomi Musmaker. The rôles of men and women in Eskimo culture. xiii, 113p. 8° Chic., Univ. Chicago Press [1930]

GIFFHORN, Friedrich, 1909— *Vegetierende Pyodermie [Kiel] 12p. 21cm. Baruth-Mark-Berl., J. Särchen [1936]

GIFFIN, Walter Stuart, 1914— *Pre-eclampsia and eclampsia; observations on 42 cases [St Elizabeth's Hosp.] 20p. 4° Appleton, 1938.

Typewritten.

GIFFORD, Harold, 1858-1929. Obituary. Arch. Ophth., Chic., 1930, n. ser., 3: 217-22. Also J. Am. M. Ass., 1929, 93: 1989.

GIFFORD, Mabel Farrington. Free speech, the stammerer's right; a remedial procedure for

the correction of nervous speech disorders. 150p. diagr. 8°. S. Franc., Thomson Print. & Pub. Co. [1937]

— Correcting nervous speech disorders. xv, 197p. incl. illust. pl. diagr. 21cm. N. Y., Prentice-Hall, 1939.

GIFFORD, Sanford Robinson, 1892—
A hand-book of ocular therapeutics. viii, 272p. 8°. Phila., Lea & Febiger, 1932. Also 2. ed. 341p. illust. diagrs. 1937.

— An outline of ophthalmology. 3 l, 84 l. illust. roy. 8°. Ann Arb., Mich., Edwards Bros., 1935.

— A textbook of ophthalmology. 492p. illust. pl. diagrs. 8°. Phila., W. B. Saunders, 1938.

GIGANTISM.

See also **Acromegalogigantism; Dystrophy; Fetus, Weight; Growth; Height and weight; Hyperplasia; Hypertrophy; Pituitary, Disease; Size.**

Castillo, E. B. del, & Lanari, A. Síndrome caracterizado por crecimiento exagerado, amenorrea y galactorrea. *Seni. méd.*, B. Air., 1933, 40: 1905-11.—**Castro García Correa, L. de.** Ensayo sobre gigantografía. *Siglo méd.*, 1935, 96: 244-50.—**Courty, G.** Gargantua d'après la légende et les monuments mégalithiques. *Bull. Soc. anthropol.* Paris, 1924, 7. ser., 5: 19-25.—**Cranach, L.** Hercule et Antée, Aesculape, Par., 1936, 26: 193.—**Deluca, F. A.** Gigantismo. *Arch. amer. med.*, B. Air., 1932, 8: 19-25.—**Grailly, R. de.** Notes relatives au gigantisme. *Gaz. méd. France*, 1933, 715-21.—**Gray, H.** The Minneapolis giant. *Ann. Int. M.*, 1936-37, 10: 1669-82. Also in *J. H. Pratt Anniv. Vol.*, 1937, 53-66.—**Hudovernig, K., & Pétzy-Popovits.** [Pathological giant growths] *Orv. hetil.*, 1903, 47: 396; 414; 431.—**Humberd, C. D.** A 25-year-old error in measuring a giant. *J. Am. M. Ass.*, 1936, 106: 1713-5.—Gigantism; report of a case (R. W., Altor, Ill.) *Ibid.*, 1937, 108: 544-6. Also repr. —Gigantism of the infantile type and its disclosure of the pathogenesis of pigeon breast and funnel chest. *Med. Rec.*, N. Y., 1938, 147: 444-9. Also repr. —Gigantism; report of a case. *South. M. J.*, 1938, 31: 988-92. Also repr.—**Kishimoto, S.** A statistical observation of the giant growth in Japan. *Jap. J. Obst.*, 1937, 20: 197-200.—**McFarland, J.** Notes on the Mütter American giant. *Tr. Coll. Physicians Philadelphia*, 1938-39, 6: 148-58.—**Mandl, A., & Windholz, F.** Klinische, röntgenologische und anthropometrische Studien über einen Fall von Riesenwuchs nach Wachstumshemmung. *Zschr. ges. Neur. Psychiat.*, 1931, 137: 649-708.—**Morgoulis, B. O.** [Cases of gigantism] *Vrach. gaz.*, 1927, 31: 976-80.—**Müller, G.** Ein Fall von Riesenwuchs. *Zschr. orthop. Chir.*, 1914, 34: 209-12.—**Orel, H.** Ueber Riesenwuchs der Neugeborenen und deren späteres Schicksal. *Zschr. ges. Anat.*, 2. Abt., 1931-32, 16: 435-47.—**Papillault.** Nouvelles études sur le gigantisme. *Bull. Soc. anthropol.* Paris, 1928, 7. ser., 9: 73-9.—**Schereschewsky, N. A.** Gigantism. *Endocrinology*, 1926, 10: 17-28.—**Thomas, E.** Ueber riesenwuchsähnliche Zustände im Kindesalter. *Zschr. Kinderh.*, 1912, 5: Orig., 401-30.

Associated diseases.

Delmond, J., & Anglade, L. Gigantisme, terreurs nocturnes et délire d'imagination. *Ann. méd. psychol.*, Par., 1936, 93: 385-90.—**Essenson, S. J.** Gigantism and tuberculosis. *Med. Rec.*, N. Y., 1934, 139: 596.—**Hallervorden, J.** Der mikroskopische Hirnbefund in einem Falle von angeborener Hemihypertrophie der linken Körperhälfte einschliesslich des Gehirns. *Deut. Zschr. Nervenh.*, 1926, 89: 28-30.—**Hoffmann.** [Einundzwanzig jährige Patientin mit Riesenwuchs, multipler Exostosenbildung und myxödematöser Beschaffenheit des Fettgewebes an den Unterschenkeln] *Deut. med. Wschr.*, 1920, 46: 311.—**Ougrélidzé, M.** Hémihypertrophie congénitale droite; stridor laryngé congénital. *Nourrisson*, 1928, 16: 40-5.—**Packard, M., & Barrie, G.** Gigantism with hemorrhagic osteomyelitis of a metacarpal bone. *J. Am. M. Ass.*, 1922, 78: 8-10. Also repr.—**Schreiber, G.** Hypertrophie staturale et pondérale chez un nourrisson; atteint de convulsions consécutives à une hémorragie méningée obstétricale. *Arch. méd. enf.*, 1928, 31: 349-52.—**Traub, E.** Epiphyseal necrosis in pituitary gigantism. *Arch. Dis. Childh.*, Lond., 1939, 14: 203-16.

Cause.

Behrens, L. H., & Barr, D. P. Hyperpituitarism beginning in infancy; the Alton giant. *Endocrinology*, 1932, 16: 120-8.—**Chelpanov, V. F.** [Traumatic gigantism] *Sovet. vrach. J.*, 1936, 1: 1024-7.—**Christiansen, T.** Macrosomia adiposa congenita; a new dysendocrine syndrome of familial occurrence. *Endocrinology*, 1929, 13: 149-63.—**Decourt, J.** Néphrite chronique azotémique et hypertensive, associée à un gigantisme,

chez un adolescent hérédo-syphilitique. *Bull. Soc. méd. hôp. Paris*, 1935, 3. ser., 51: 1502-4.—**Delay.** Un cas de gigantisme épiphysaire. *Praxis*, Bern, 1928, 17: H. 2, 3.—**Denny-Brown, D. E.** Mild eunuchoid giantism. *Proc. R. Soc. M., Lond.*, 1936-37, 30: 857.—**Downs, W. G., jr.** Studies on sex; interstitial cells in gigantism. *Am. J. Path.*, 1929, 5: 295-302, 2 pl.—**Gayet, R.** Sur la reproduction expérimentale du gigantisme et de l'acromégalie. *Rev. prat. biol. appl.*, Par., 1930, 23: 97-104.—**Hall, J. K.** Peter Francisco; hyperpituitary patriot. *South. M. & S.*, 1936, 98: 582-6.—**Heidrich.** Demonstration eines Falles von eunuchoidem Hochwuchs. *Klin. Wschr.*, 1925, 4: 1938.—**Krabbe, K. H., & Matthiasson, S.** Géantisme hypophysaire. *Acta med. scand.*, 1936, Suppl. 78, 926-32.—**Paraf, J., Rossert & Abaza, A.** Gigantisme par croissance tardive post-infectieuse chez un syphilitique. *Rev. otoneur.*, Par., 1933, 11: 112-4.—**Pellegrini, G.** Caso complesso di piccolo gigantismo ipofisario con metastasi femorale. *Boll. Soc. med. chir.*, Pavia, 1935, 49: 634-53.—**Renato, M.** A proposito di un caso di gigantismo ipofisario. *Gior. clin. med.*, 1940, 21: 97-110.—**Reye, E.** Ueber Adipositas-Gigantismus im Kindesalter. *Kinderärztl. Prax.*, 1935, 6: 149-52.—**Ruhrah, J.** Pituitary disturbances: gigantism. *Am. J. Dis. Child.*, 1933, 45: 1312.—**Sheldon, W.** A form of gigantism with splanchnomegaly. *Proc. R. Soc. M., Lond.*, 1934, 27: 1003-7.—**Transplanted glands make giants in later generations.** *Science News Lett.*, 1936, 30: 38.—**Trancu-Rainer, M., & Viadutiu, O.** Sur la présence des hormones sexuelles et de l'hormone gonadotrope indifférente préhypophysaires dans l'urine et la salive d'un géant. *C. rend. Soc. biol.*, 1933, 114: 300-2.—**Voiskевич, A. A.** [Frontal lobe of the pituitary gland and gigantism] *Tr. Konf. med. biol.* (1936) Kiev, 1937, 33-8.

— partial [Hemihypertrophy]

See also under name of part affected.
BERG, A. H. *Ein Fall von halbseitigem Riesenwuchs. 32p. 8°. Lpz., 1902.
BRUTZER, J. *Ueber lokale Wachstumssteigerung und umschriebenen Riesenwuchs [Königsberg] 15p. 21cm. Ebenrode, 1938.
GREWER, M. *Drei Fälle von angeborenem halbseitigen Riesenwuchs, ein Beitrag zur Kasuistik des Riesenwuchs. 39p. 20½cm. Bonn, 1938.
KREMER, F. *Ueber angeborenen totalen halbseitigen Riesenwuchs. 36p. 8°. Bresl., 1920.
LOHSE [K.] R. *Ueber den angeborenen partiellen Riesenwuchs [Leipzig] 42p. 8°. Zeulenroda, 1932.
MILLION, J. *Ueber congenitale partielle Hypertrophie. 18p. 8°. Münch., 1912.
NEUMANN, M. *Ueber angeborenen halbseitigen Riesenwuchs mit Naevus anaemicus auf der Gegenseite [Münster] 27p. 8°. Bottrop, 1933.
PRACEJUS, H. *Zwei Fälle von kongenitalem partiellem Riesenwuchs [Königsberg] 23p. 8°. Zeulenroda, 1934.
STARK, G. *Ueber angeborenen, teilweisen Riesenwuchs [München] 50p. 8°. Langensalza, 1935.
WEIHE, F. A. *Ueber angeborenen partiellen Riesenwuchs. 29p. 8°. Berl., 1912.

Arriagada. Gigantismo local congénito; gigantomelia. *Rev. méd. Chile*, 1939, 67: 704-11.—**Babonneix, L.** Hémihypertrophie congénitale localisée à droite; naevus variqueux localisé au membre inférieur gauche et occupant les territoires radicaux. *Bull. Soc. pédiat.* Paris, 1926, 24: 400-4.—**Barbour, P. F., & Owen, W. B.** Congenital hemihypertrophy; including report of 1 case. *Am. Med.*, 1928, 23: 576-9.—**Barr, D.** Congenital hemihypertrophy and partial gigantism. *J. Missouri M. Ass.*, 1929, 26: 298-304.—**Bauch, B.** Partiieller Riesenwuchs verbunden mit Dolichocephalie. *Deut. med. Wschr.*, 1919, 45: 745.—**Bihler, K.** Ein Fall von angeborenem totalen Hemihypertrophie. *Zbl. Gyn.*, 1933, 57: 253-7.—**Bolten, G. C.** [A case of congenital hemihypertrophy]—*Ned. tscr. geneesk.*, 1926, 70: 1390-4.—**Borst, W.** Ueber partiellen Riesenwuchs. *Fortsch. Röntgenstrahl.*, 1938, 58: 121-4.—**Bosio, P.** Contributo clinico allo studio delle ipertrofie (sopra un caso di emipertrofia) *Clin. igiene inf.*, 1931, 6: 219-32.—**Coccheri, P.** Emipertrofia totale congenita e reazioni adrenaliniche sottocutaneo. *Lattante*, 1931, 2: 239-58.—**Cohn, M.** Konstitutionelle Hyperpongiosierung des Skeletts mit partiellem Riesenwuchs. *Fortsch. Röntgenstrahl.*, 1933, 47: 293-8.—**Crosby, E. H.** Hemihypertrophy totalis; a case report. *J. Bone Surg.*, 1935, 17: 1025-7.—**Curtius.** Kongenitaler partieller Riesenwuchs und endokrine Störungen. *Med. Klin.*, Berl., 1925, 21: 456.—**Dardani, R.** Per un caso

- di emi-iperotrofia congenita. *Pediatrics (Riv.)* 1929, 37: 535-9.—**Davidson, W. C.** Partial hemi-hypertrophy. *Brit. J. Child. Dis.*, 1934, 31: 307.—**Dragišić, B.** Drei Fälle von angeborener Hypertrophie im Kindesalter. *Arch. Kinderh.*, 1932, 96: 165-80.—**Ducroquet, R.** Hémihypertrophie gauche. *Bull. Soc. pédiat. Paris*, 1928, 26: 19.—**East, C. F. T.** A case of hemihypertrophy. *Proc. R. Soc. M., Lond.*, 1925-26, 19: Sect. Clin., 40-2.—**Esau.** Die angeborene Hémihypertrophia totalis des Körpers. *Med. Klin., Berl.*, 1931, 27: 1861-3.—**Estévez.** Gigantismo localizado. *Rev. méd. Chile*, 1939, 67: 801-4.—**Ferri, U.** Un caso di emi-iperotrofia congenita in un lattante. *Clin. igiene inf.*, 1927, 2: 18-24.—**Fliegel, O.** Zur Ätiologie des angeborenen partiellen Riesenwuchses. *Deut. Zschr. Chir.*, 1927, 206: 198-211.—**Gesell, A.** Hemi-hypertrophy and twinning; a further study of the nature of hemihypertrophy with report of a new case. *Am. J. M. Sc.*, 1927, 173: 542-55, pl.—**Glanzer, J.** Total unilateral hypertrophy. *Am. J. Dis. Child.*, 1933, 45: 1056-63.—**Graetz, I.** Ueber einen Fall von sogenannter totaler halbseitiger Körperhypertrophie. *Zschr. Kinderh.*, 1927-28, 45: 381-403.—**Guillain, G., & Bize, P. R.** Hémihypertrophie du corps, de type congénital, total et pur, associée à un dolichocolon. *Rev. neur., Par.*, 1934, 41: 76-84.—**Harwood, J., & O'Flynn, E.** Specimens from a case of right-sided hemihypertrophy associated with pubertas praecox. *Proc. R. Soc. M., Lond.*, 1934-35, 28: 837-9.—**Henson, J.** Congenital hemi-hypertrophy. *S. Afr. M. J.*, 1939, 3: 743.—**Hilmi, I.** Ein Fall von partiellem Riesenwuchs. *Mscrh. Kinderh.*, 1931, 50: 29-34.—**Hoche, O.** Partieller Riesenwuchs von seltener Form bei gleichzeitiger Erkrankung der Weichteile und des Knochensystems. *Arch. klin. Chir.*, 1936, 185: 633-41.—**Kaufmann, M.** Ueber partiellen Riesenwuchs. *Med. Klin., Berl.*, 1929, 25: 907.—**Kitai-gorodskaja, O. D.** Angeborene Hypertrophie im Kindesalter. *Jahrb. Kinderh.*, 1929, 75: 38-39.—**Kneer, M.** Halbseitiger Riesenwuchs. *Zbl. Gyn.*, 1939, 63: 2409-17.—**Kratohvil, K.** Ueber partiellen Riesenwuchs vereint mit degenerativen Veränderungen am Augenhintergrund. *Arch. klin. Chir.*, 1937, 190: 802-9.—**Kriazhimsky, E. V.** [Partial gigantism]. *Sovet. khir.*, 1931, 1: 277-9.—**Kulkov, A. E.** [Hemihypertrophia cruciata]. *Sovrem. psikhovscr.*, 1930, 11: 60-6. Also *Zschr. ges. Neur. Psychiat.*, 1929, 122: 525-34.—**Lange, W.** Zwei Fälle von Hemi-hypertrophie. *Med. Welt*, 1928, 2: 1231.—**Langsteiner, F., & Stiefler, G.** Ueber die kongenitalen Hypertrophien (Hyperplasien). *Deut. Zschr. Nervenl.*, 1935, 138: 274-307.—**Larsen, E. J.** Examination of the sympathetic innervation in a case of hemihypertrophy. *Acta psychiat. neur., Kbh.*, 1932, 7: 339-42.—**Lenstrup, E.** Eight cases of hemi-hypertrophy. *Acta paediat., Upps.*, 1926, 6: 205-13.—**Liebe, S.** Angeborener halbseitiger Riesenwuchs. *Kinderärztl. Prax.*, 1935, 6: 102-4.—**Long, F. L.** Congenital total hemihypertrophy; report of 2 cases. *U. S. Veterans Bur. M. Bull.*, 1926, 2: 606-9.—**McFarland, B. L.** Hemi-hypertrophy. *Brit. M. J.*, 1928, 1: 345.—**McGarry, H. H.** Congenital hemi-hypertrophy. *Canad. M. Ass. J.*, 1939, 41: 583.—**Magni, L.** Iperotrofia parziale congenita. *Riv. clin. pediat.*, 1930, 28: 688-97, 3 pl.—**Makowsky, H.** Ein Fall von angeborenem partiellen Riesenwuchs (Hyperplasia partialis congenita). *Zschr. Orthop.*, 1938-39, 69: 127-35.—**Manzoni, A.** Ein Fall von angeborenem totaler Hemi-Hypertrophie. *Ibid.*, 1936, 65: 261-3.—**Mayers, L. H.** Hemi-hypertrophy. *Surg. Gyn. Obst.*, 1926, 43: 746-9.—**Mollow, W.** Ein Fall von Hemigigantismus. *Deut. Arch. klin. Med.*, 1938-39, 183: 147-54.—**Moltchanov, W. I.** Le gigantisme partiel. *Rev. fr. endocr.*, 1929, 7: 211-23.—**Moraza, M.** Dos casos de gigantismo parcial. *Med. ibera*, 1930, 14: 630-3.—**Pick, L.** Zur Einteilung und pathologischen Anatomie des partiellen Riesenwuchses, insbesondere über sein Vorkommen beim Säugetier. *Beitr. path. Anat.*, 1913, 57: 1-29.—**Politzer, G.** Zur Theorie des partiellen Riesenwuchses. *Ibid.*, 1937-38, 100: 273-84.—**Porebinski, T.** [Case of congenital, partial, idiopathic hypertrophy]. *Lek. vojsk.*, 1937, 30: 298-303.—**Riml, O.** Echter partieller Riesenwuchs bei Morbus Recklinghausen. *Zschr. klin. Med.*, 1937, 132: 183-90.—**Rodino, D.** Su di un caso di emi-iperotrofia totale congenita. *Clinica, Bologna*, 1938, 4: 602-12.—**Roth, F.** Zur Kenntnis und Auffassung der Lebermischgeschwülste und des halbseitigen Riesenwuchses. *Frankf. Zschr. Path.*, 1938, 52: 163-96.—**Rubashev, S. M.** [Partial gigantism of the vascular system]. *Vest. khir.*, 1933, 30: 98-102.—**Saitz, C.** [Case of partial unilateral hypertrophy]. *Cas. lék. česk.*, 1927, 66: 723-31.—**Schachter.** Les mégalosomies ou hypertrophies localisées d'origine congénitale. *Rev. fr. pédiat.*, 1939, 15: 268-73.—**Scott, A. J.** Hemi-hypertrophy; report of 4 cases. *J. Pediat.*, S. Louis, 1935, 6: 650-6.—**Simian, J., & Schachter-Nancy, M.** Un cas d'hémi-hypertrophie congénitale chez un nourrisson. *Rev. fr. pédiat.*, 1937, 13: 187-91.—**Simpson, B. S.** A case of unilateral hypertrophy. *Edinburgh M. J.*, 1926, n. ser., 33: 623-6.—**Slaughter, W. H., & Eberhardt, J. P.** Hemi-hypertrophy; report of a case. *Mil. Surgeon*, 1926, 59: 569-73, 2 pl. Also repr.—**Slot, G., & Deville, P. M.** Congenital hypertrophy of right side of body and left side of face. *Proc. R. Soc. M., Lond.*, 1937-38, 31: 1127.—**Spreitzer, O. H.** Ueber angeborenen partiellen Riesenwuchs. *Zschr. orthop.*, 1932-33, 58: 423-31.—**Steffes, W.** Ueber echten partiellen Riesenwuchs. *Zschr. menschl. Vererb.*, 1936, 20: 246-53.—**Strickler, F. A.** Hemi-hypertrophy; a case, probably acquired, associated with pituitary tumor. *Virginia M. Month.*, 1937-38, 64: 22-5.—**Tezner.** Fall von partiellem Riesenwuchs. *Wien. med. Wschr.*, 1927, 77: 878.—**Thomas, H. B.** Partial gigantism: overgrowth and asymmetry of bones and skeletal muscle. *Am. J. Surg.*, 1936, 32: 108-12.—**Thomson, J. E. M.** A case of hemangiostatic hemihypertrophy with subjective symptoms of sacro-iliac disturbance due to abnormal bony development. *J. Bone Surg.*, 1932, 14: 702-6.—**Uebelin, F.** Beitrag zur Kasuistik des angeborenen partiellen Riesenwuchses. *Jahrb. Kinderh.*, 1920, n. F., 91: 134-50, pl.—**Vizziano-Pizzi, J.** Hemi-hipertrofia congenita. *Arch. urug. med.*, 1939, 15: 56-64.—**Wakefield, E. G., & Hines, E. A.** Congenital hemihypertrophy; a report of 8 cases. *Am. J. M. Sc.*, 1933, 185: 493-505, pl.—**Wallin, J.** Fall von congenitaler unilateraler Hypertrophie. *Acta paediat., Upps.*, 1935-36, 18: 503-10.—**Weipert, K.** Ueber einen Fall von angeborenem halbseitigen Riesenwuchs. *Kinderärztl. Prax.*, 1939, 10: 215-7.—**Wilson, S. A. K.** Case of segmental pan-hypertrophy. *Proc. R. Soc. M., Lond.*, 1907-8, 1: neur. sect., 11.—**Wisberg, M.** An unusual case of hemigigantism. *Canad. M. Ass. J.*, 1931, 25: 591-3.—**Zvenigorodsky, Y. E., & Yavlin, R. I.** [Lateral gigantism]. *Ortop. travmat.*, 1930, 4: 65-9.
- in animals, and plants.
- Artom, C.** Gigantismo e costituzioni genetiche nelle razze e nelle specie tetraploidi. *Riv. biol.*, 1925, 7: 533-55.—**Tetraploidismo e gigantismo; esame comparativo degli stadi postembrionali dell'Artemia salina** diploide e tetraploide. *Internat. Rev. Hydrob., Lpz.*, 1926, 16: 51-80, 3 pl.—**Brehme, K. S.** Effects of the triplo-X condition on development in *Drosophila melanogaster*. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, 37: 578-80.—**Bridges, C. B., & Gabritschewsky, E.** The giant mutation in *Drosophila melanogaster*; the heredity of giant. *Zschr. indukt. Abstamm.*, 1927-28, 46: 231-47, pl.—**Crisan, C.** [Experimental gigantism in the frog]. *Cluj. med.*, 1931, 15: 672-5.—**Freud, J., Dingemane, E., & Levie, L. H.** Demonstration of rats with incipient gigantism by pituitary extracts. *Acta brevia neerl.*, 1939, 9: 74.—**Gabritschewsky, E., & Bridges, C. B.** The giant mutation in *Drosophila melanogaster*; physiological aspects of the giant race; the giant caste. *Zschr. indukt. Abstamm.*, 1927-28, 46: 248-84.—**Hertwig, G.** *Artemia salina*, ein Beispiel für die Entstehung einer Gigas-Varietät durch gleichzeitige Verdoppelung der Chromosomenzahl und des Chromosomenvolumens. *Morph. Jahrb.*, 1931, 57: 371-80.—**Kolmer, W.** Partieller Riesenwuchs in Verbindung mit grossem Rhabdomyom bei einer Schleie (*Tinea tinea*). *Virchows Arch.*, 1928, 268: 574.—**Tyler, A.** On the energetics of differentiation; a comparison of the rates of development of giant and of normal sea-rehin embryos. *Biol. Bull., Lancaster*, 1935, 68: 451-60.
- GIGANTOBILHARZIA.**
See *Schistosomidae*.
- GIGANTORHYNCHIDAE.**
See also *Acanthocephala*.
Dunn, L. H. Notes on the occurrence of Gigantorhynchus echinodiscus Dising in the antaeater of Panama. *J. Parasit., Urbana*, 1934, 20: 227-9.—**Kilian, R.** Zur Morphologie und Systematik der Gigantorhynchidae (Acanthoceph.) *Zschr. wiss. Zool.*, 1932, 141: 246-345.
- GIGAS bacillus.**
See also *Anaerobes*.
Demnitz, A. The question of the identity of Bac. gigas (Zeissler) with the causal organism of a bovine haemoglobinuria occurring in the region of the Andes in North and South America. *Im Med. in its chem. aspects.* *Leverkusen*, 1934, 2: 289-95.—**Zeissler, J., & Kraneveld, F. C.** Der Bacillus gigas. *Arch. wiss. prakt. Tierh.*, 1929, 59: 419; 60: 441.
- GIGAULT de la Bédollière, Jean**, 1905—
*La vie de Charles de Lorme, médecin de cour (1584-1678) 144p. 8°. Par., 1933.
- GIGER, Alfred.** *Endostales Kallus-Keloid, eine neue Art von Kallusgeschwulst. 24p. 8°. [Basel, n. pub.] 1928.
- GIGER, Eugen.** *Untersuchungen über die unterschiedliche Kompressibilität der Schleimhaut des harten Gaumens und ihre Bedeutung für die Abdrucknahme. 19p. 8°. Basel, K. Werner, 1937.
- GIGER, Gion-Battista.** *Du diagnostic de la tuberculose des annexes. 32p. 8°. Genève, Impr. Commerce, 1931.
- GIGER, Hans**, 1903—
*Beiträge zur Kenntnis der Sterblichkeit in der Schweiz und in den drei Städten Zürich, Basel, Bern [Promotionsarbeit] 67p. 8°. Zür., H. A. Gutzwiller, 1929.
- GIGER, Leo.** *Beitrag zur Diagnostik von Augenmuskellähnungen [Zürich] p.117-38. 8°. Berl., J. Springer, 1928.
Also *Arch. Ophth.*, Berl., 1928, 120:

GIGIENA, bezopassnost i patologija truda [Hygiene, safety and pathology of work] Moskva, v.7-8, 1929-30.

GIGIENA i epidemiologia [Hygiene and epidemiology] Moskva, v.7-10, 1928-31.

Continued as *Gigiena i sotsialisticheskoe zdравookhranenie*.

GIGIENA i sanitaria [Hygiene and sanitary service] Moskva, No. 1, 1939-

GIGIENA i sotsialisticheskoe zdравookhranenie [Hygiene and socialistic public sanitary affairs] Moskva, Nos 1-10, 1932.

GIGIREY, Luis. Tratado de los productos vegetales de uso más frecuente en farmacia. 148p. 8°. Barcel., M. Tasis, 1916.

GIGLIOLI, George. Malarial nephritis, epidemiological and clinical notes on malaria, blackwater fever, albuminuria and nephritis in the interior of British Guiana, based on seven years' continual observation. x, 164p. ch. 8°. Lond., J. & A. Churehill, 1930.

GIGNOUX, Charles Ferdinand Louis, 1904-
*Accidents locaux provoqués par le camphre et ses dérivés. 88p. 8°. Par., A. Blanchard, 1930.

GIGNOUX, John Ernest, 1874- What every athlete should know. 82p. illust. 12°. N. Y., Stadium Press [1937]

GIGNOUX, Marcel, 1909- *La thrombophlébite du sinus latéral; étude anatomo-clinique de 37 observations de la clinique du Professeur Collet. 166p. 25cm. Lyon, Bosc frères, 1937.

GIGON, Robert, 1906- *Les nécroses de la vésicule biliaire. 61p. 8°. Par., A. Maretheux & L. Pactat, 1937.

GIGUET, Jacques Simon, 1911- *Les salaisons et leurs altérations. 81p. 8°. Lyon, Bosc frères, 1935.

GIL, Carlos, 1910- *Sur quelques essais thérapeutiques récents par les principes actifs ante-hypophysaires (cryptorchidie-alopécies) 57p. 8°. Par., M. Vigné, 1935.

GIL, Carlos M., 1910- *Contribution à l'étude de la tuberculose de la clavicule. 47p. 8°. Par., J. Haumont, 1937.

GIL, Robert, 1902- *Le dépistage de la syphilis ignorée au dispensaire par la méthode de Vernes. 197p. 8°. Par., Ed. Jel, 1934.

GILA monster.

See *Heloderma*.

GILANSCHAH, Ahmed Khan, 1903-
*Beitrag zur medizinischen Verwendung der Mohrrübe. 27p. 8°. Würzb., G. Grasser, 1930.

GILBEAU, Walter, 1902- *Dupuytren'sche Kontraktur und Unfall [Bonn] 24p. 8°. Düsseldorf, Nolte, 1934.

GILBERT, Albert, 1907- *Traitement des gales par l'anhydride sulfureux; contrôle de la saturation dans les chambres à sulfuration Alfort] 51p. 8°. Par., Vigot frères, 1933.

GILBERT, Augustin Nicolas, 1858-1927.

Editor of *Nouveau traité de médecine et de thérapeutique*. Par., Nos 2-39, 1906-12. Also *Traité du sang*. 2v. 698p.: 695p. 8°. Par., 1913-21.

For biography see *Bull. Acad. méd.*, Par., 1927, 3. ser., 97: 332-8 (Nobécourt) Also *C. rend. Soc. biol.*, 1927, 96: 743-6 (F. Rathory) Also *Paris méd.*, 1927, 65: 537-92 (P. Lereboullet, & E. Bertrand [et al.]) Also *Presse méd.*, 1927, 35: 347 (M. Villaret) Also *Rev. méd. chir. mal. foie*, 1927, 2: 195-200, portr. (P. Lereboullet) Also *Sang. Par.*, 1927, 1: 164 (P. E. Weil) Also *Sem. hôp. Paris*, 1927, 3: 155 (E. Chabrol) Also *Vie méd.*, 1927, 8: 443, portr. (R. M.)

See also *Baudouin*, A. L'inauguration du monument du Professeur Gilbert à l'Hôtel-Dieu. *Paris méd.*, 1928, 68: annexe, 220 2.—*Mencrrier*, P. Le Professeur Gilbert et l'histoire de la médecine, collections médicales et legs au Musée de la Faculté. *Bull. Soc. fr. hist. méd.*, 1928, 22: 8-16.

GILBERT, Charles Maurice, 1907- *De l'extension des indications de la césarienne abdominale. 78p. 8°. Par., Jouve & cie, 1935.

GILBERT, Henri, 1911- *La maladie de Robert Schumann. 76p. portr. 24cm. Par., A. Lapiet, 1939.

GILBERT, Irmgart, 1909- *Ueber ein Adamantinom mit Uebergang in Karzinom. 16p. 8°. Tüb., A. Becht, 1935.

GILBERT, Jacques Michel Simon, 1910- *Importance du traitement post-opératoire des néphrectomisés pour tuberculose rénale. 122p. 25cm. Par., L. Arnette, 1939.

GILBERT, Jeanne G., 1905- *Mental efficiency in senescence [Columbia Univ.] 60p. 8°. ch. N. Y., 1935.

Forms No. 188 of *Arch. Psychol.*, N. Y.

GILBERT, Louis, 1912- *Contribution à l'étude thérapeutique de l'anorexie. 48p. 25cm. Par., Vigot frères, 1939.

GILBERT, Luther C. An experimental investigation of eye movements in learning to spell words. viii, 81p. 8°. Princeton, N. J., Psychol. Review Co., 1932.

Forms No. 3, v.43, *Psychol. Monogr.*, Princeton.

GILBERT, Luther M. Home physician; a summary of practical medicine and surgery for the use of travellers, and of families at a distance from physicians. v, 131p. 16°. N. Y., G. P. Putnam's Sons, 1883.

GILBERT, Margaret Shea, 1908- Biography of the unborn. x, 132p. illust. diagr. 22cm. Balt., Williams & Wilkins Co., 1938.

GILBERT, Maurice. *La néphrite chronique diffuse unilatérale. 17p. 8°. Genève, Payot & cie, 1924.

GILBERT, Morris Aaron, 1905- *The diagnosis of abortive form of poliomyelitis. 12p. 8°. Grand Rapids, Mich., 1936.

Typewritten.

GILBERT, N[ewell] C[lark] 1880- Founders' day address, October 3rd, 1935; a wealth of experience. 12p. 8°. Chic., Northwest. Univ., 1936.

Forms No. 20, v.36, Northwest. Univ. Bull. M. School.

GILBERT, Raymond, 1900- *La polydactylite hérédosyphilitique. 85p. 4 pl. 8°. Par., M. Vigné, 1925.

GILBERT, Ruth, 1883- Serological tests for the diagnosis of syphilis. 139-40p. 8°. N. Y., Am. Pub. Health Ass., 1937.

Reprinted from *Yearb. 1936-37*, Suppl. to Am. J. Pub. Health, 1937, 27:

GILBERT, S. Eldred. Vulcanite and celluloid: instructions in their practical working for dental purposes. 116p. 8°. Phila., S. S. White Dental Mfg Co., 1884.

GILBERT, Thomas L. Lectures on oral surgery. 175p. 8°. Chic., Northwest. Univ. Dent. School, 1903.

GILBERT, W., JESS, A. [et al.] Gefässhaut, Linse, Glaskörper, Netzhaut, Papille und Opticus. xiv, 774p. 8°. Berl., J. Springer, 1930.

Forms Bd 5, *Kurz. Handb. Ophth.* (F. Schieck & A. Brückner) Berl., 1930.

GILBERT, William, 1540-1603.

[Biography] *Clin. M. & S.*, 1935, 42: 367; portr.—*Krusen*, F. H. The Father of electrotherapy. *Arch. Phys. Ther.*, 1931, 12: 737-43.

GILBERT and Ellice Island's Colony. Medical and sanitary reports. Suva, Fiji Islands, 1913/14-

Incomplete.

GILBERT-DREYFUS. La diabète insipide. viii, 120p. 12°. Par., G. Doin & cie, 1931.

GILBERTI, P[ietro] Chirurgia di guerra, note ed impressioni personali, 1915-18. 137p. 16 pl. sm. 4° Bergamo, Ist. ital. artigraf., 1919.

GILBRICHT, Günter, 1913- *Leistungssteigerung durch diätetisch erzielte Alkalose. 20p. 8° Berl., F. Linke [1938]

GILBRIN, Emile, 1902- *Recherches sur le génie épidémique; étude des variations du pouvoir toxigène du bacille diphtérique. 201p. 8° Par., Jouve & cie, 1934.

GILCH, Hanns, 1907- *Fütterungsversuche an Hühnern mit Getreide, das mit quecksilberhaltigen Mitteln gebeizt ist. 24p. 8° Lpz., A. Edelmann, 1932.

GILCHRIST, Henry Lorenzo, 1870- A comparative study of warfare gases, their history, description and medical aspects. iv, 115p. 2 pl. 8° [Carlisle, Pa.] Med. Field Serv. School, [1925]

— Comparative study of world war casualties from gas and other weapons. vi, 51p. 8° Wash., Gov. Print. Off., 1928-31.

— History of typhoid vaccination in the United States Army; memorandum letter to the Surgeon General. 7p. 4° [Wash.] 1934.

Typewritten.

Also editor of *Military Surgeon*, Wash., v. 76-86, 1935-40.

See also *United States War Department. Office of the Surgeon General. Bulletin No. 16. Warfare gases* [&c.] 115p. 8° Carlisle Barracks, 1925.

Also *Our New President*. Major General Harry L. Gilchrist, U. S. Army, retired; 41. annual meeting of the Association of Military Surgeons of the United States. Mil. Surgeon, Wash., 1933, 73: 229; 1934, 74: 57.

— & **MATZ, Philip, B.** The residual effects of warfare gases. iii, 93p. 8° Wash., Gov. Print. Off., 1933.

GILCHRIST, James G. Syllabus of lectures on surgery. v, 62p. 8° Iowa City, A. J. Hershire & Co., 1892.

GILCHRIST, John, 1792-1859.

Elliott, J. H. A pioneer New England physician in Upper Canada. Bull. Hist. M., 1939, 7: 737-50, portr.

GILCHRIST, Thomas Caspar, 1862-1927. Outlines of common skin diseases, including eruptive fevers; also diet plans for children. 54p. 6 pl. 12° Lond., Bailliere, Tindall & Cox, 1927.

For biography see *Arch. Derm. Syph.*, Chic., 1928, 17: 391, portr.

GILCHRISTIA.

See *Zymonema*.

GILCREEST, Edgar L. John Hunter: the founder of scientific surgery. p.339-55. Phila., 1933.

In *Lectures on the hist. of med.*, 1926-32, Phila., 1933.

GILCREEST, Jacob Edward, 1851-1926.

Obituary. J. Am. M. Ass., 1926, 86: 1148.

GILDE, Irmgard, 1912- *Untersuchungen über die Wirkung des Pilokarpins, Homotropins und Kaffees auf den intraokularen Druck des normalen Auges als Grundlage für die Diagnostik des latenten Glaukoms. 21p. 20½cm. Königsb., J. Raabe, 1937.

GILDE, Siegfried, 1905- *Vergleichende Versuche über die Kreislaufwirkung der Adenylsäure und des Eutonon [Berlin] 15p. 8° Hamb., Broschek & Co., 1932.

GILDEMEISTER, Eugen, 1878-

See *Handbuch der Viruskkrankheiten*. 2v. 652p.; 768p. 25½cm. Jena, 1939.

Also editor of *Zentralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten*. 1. Abt. Originale. v.112, 1929- Also Abt. Referate. v.94, 1929-

GILDEMEISTER, Martin, 1876-

Editor of *Monographien aus dem Gesamtgebiet der Physiologie der Pflanzen und der Tiere*. Berl., v.1, 1914-

For portrait, photograph see collection in library.

GILDERSLEEVE, Elena. Baby epicure; appetizing dishes for children and invalids. 141p. 8° N. Y., E. P. Dutton & Co., 1937.

GILDERSLEEVE, J. R. History of Chimborazo Hospital, C. S. A. (Abstract from address given at Nashville, Tenn., June 14, 1904) p.86-94. 8° Richmond, Va., 1909.

GILES, Arthur E[dward] 1864-1936. Gynaecological operations. p.571-649. 23cm. Lond., 1934.

In *Mod. oper. surg.* (Turner, G. G.) Lond., 1934, 2:

For biography see *Brit. M. J.*, 1936, 1: 90. Also J. Obst. Gyn. Brit. Empire, 1936, 43: 117-20, portr. (J. B. Banister) Also *Lancet*, Lond., 1936, 1: 53. Also *Med. Press & Circ.*, Lond., 1936, 192: 37.

GILES, Frederic Mayor, 1872-1916, & **GILES, Imogene Kean**. Vocational civics; a study of occupations as a background for the consideration of a life-career. viii, 252p. 8° N. Y., Macmillan Co., 1919.

GILES, George Michael James, -1916. A revision of the Anophelinae; being a first supplement to the 2. ed. of A handbook of the gnats or mosquitoes. 47p. pl. 8° Lond., J. Bale, Sons & Danielsson, 1904.

GILES, Mary Dodd.

See *Cabot*, Hugh, 1872- , & *Giles, Mary Dodd*. *Surgical nursing*. 428p. 8° Phila., 1931. Also 2. ed. 441p. 1934.

GILES, Peter Broome, 1850-1928.

Obituary. *Brit. M. J.*, 1929, 1: 49.

GILFORD, Hastings, 1861- Tumors and cancers; a biological study, with an introduction by Sir Frederick Keeble. xii, 703p. 4° Lond., Selwyn & Blount [1925]

— The cancer problem and its solution. 59p. 8° Lond., H. K. Lewis & Co., 1934.

GILFORD'S disease.

See *Dwarfism*, senile; *Geroderma*.

GILFRICH, Robert, 1901- *Das spätere Schicksal (Lebensaussichten, körperliche und geistige Entwicklung) spontangeborener Kinder. 18p. 8° Giessen [n. pub.] 1927.

GILG, Ernst Friedrich, 1867-

See *Anselmino, O.*, & *Gilg, E.* *Kommentar zum Deutschen Arzneibuch*. 6. Ausg. 2v. 857p.; 917p. 24½cm. Berl., 1928.

— **BRANDT, Wilhelm**, & **SCHUERHOFF, P. N.** *Lehrbuch der Pharmakognosie*. 4. Aufl. xiv, 530p. 8° Berl., J. Springer, 1927.

GILG, E[rnst Friedrich] & **SCHUERHOFF, P. N.** *Aus dem Reiche der Drogen; geschichtliche, kulturgeschichtliche und botanische Betrachtungen über wichtigere Drogen*. p. 1. 272p. 8° Dresd., Schwarzeck Verl., 1926.

GILGEN, Hermine von. *Kochbuch für Zuckerkrankhe; durchaus erprobte, ärztlicherseits anerkannte Rezepte*. 4. Aufl. xii, 91p. 8° Wien, S. Norbertus, 1922.

GILGES, Marg[aret]he 1906- *Ueber das gehäufte Auftreten der sogenannten Schipperkrankheit bei Erdarbeitern, ihre Erkennung und Behandlung. 22p. 2 pl. 21cm. Erlangen, K. Döres, 1937.

GILGES, Wilhelm, 1906- *Untersuchungen über die Fehlerquellen der Clark'schen Methode zur Bestimmung der Härte eines Trinkwassers und ihre Brauchbarkeit im Vergleich zu einigen anderen Härtebestimmungsmethoden nebst einem Bericht über die derzeitigen Auffassungen von der Bedeutung der Härte für den Gesundheitszustand des Menschen. 44p. 2 ch. tab. 8° Bonn, H. Trapp, 1931.

GILHAUS, Heinrich, 1905— *Ein Fall von Hämolympfangioma mixtum [Münster] 13p. 3 pl. 8° Quakenbrück, R. Kleinert, 1930.

GILBERT, Jean Emmanuel G., 1741-1814. Guibert, J. Documents iconographiques relatifs à J. C. Gilbert. Bull. Soc. fr. hist. méd., 1935, 29: 117-9.

GILIS, P[aul] & EUZIERE, J. Anatomie élémentaire des centres nerveux et du sympathique chez l'homme. 2. éd. 234p. illust. 8° Par., Masson, 1932.

GILL, Clifford Allchin. Genesis of epidemics and the natural history of disease; an introduction to the science of epidemiology based upon the study of epidemics of malaria, influenza, and plague. xxvi, 550p. 8° Lond., Baillière, Tindall & Cox, 1928.

— The seasonal periodicity of malaria and the mechanism of the epidemic wave. xi, 136p. map. tab. ch. 8° Lond., J. & A. Churchill, 1938.

GILL, Richard, 1856-1933.

Obituary. S. Barth. Hosp. J., Lond., 1933, 40: 79. Also S. Barth. Hosp. Rep., Lond., 1933, 66: 1-5, portr.

GILL, Theodore Nicholas, 1837-1914. Arrangement of the families of mammals; with analytical tables, prepared for the Smithsonian Institution [v. p.] 8° Wash., Smithson. Inst., 1872.

GILL.

See also **Branchial apparatus; Respiration.**

Becker, J. Die Anschwellungsvorgänge an der Karpfenkieme bei Kiemenfäule; Beschreibung der Verhältnisse bei Betrachtung mikroskopischer Schnitte. Zschr. Parasitenk., 1938-39, 10: 737-52.—**Moser, F.** The differentiation of isolated gills of the amphibian embryo. J. Morph., 1940, 66: 261-75, 2 pl.—**Wingfield, C. A.** The function of the gills of mayfly nymphs from different habitats. J. Exp. Biol., Lond., 1939, 16: 363-73.

GILLARD, André, 1910— *Recherches expérimentales sur les embolies gazeuses chez le chien [Alfort] 91p. 8° Par., Vigot frères, 1933.

GILLARD, Marguerite, 1903— *Traitement du lichen plan par les rayons ultra-violet. 48p. 8° Par., M. Lavergue, 1932.

GILLE, Erich, 1893— *Die Röntgen-diagnostik der Schädelbasis in ihrer Bedeutung für die Augenheilkunde [Leipzig] 23p. 8° Zeulenroda, A. Oberreuter, 1932.

GILLE, Ilse, 1907— *Beziehungen zwischen histologischem Aufbau und Radiumsensibilität der Collumkarzinome unter Berücksichtigung der Fälle der Universitäts-Frauenklinik zu Münster [Münster] 16p. 8° Bochum, H. Pöppinghaus, 1934.

GILLE, Norbert, 1819-99. Breugelmans, J. Nérologie. Ann. pharm., Louvain, 1899, 5: 90-5.—**De Myttenaere.** Eloge du professeur Gille. Bull. Acad. méd. Belgique, 1926, 5. ser., 6: 391-6, portr.

GILLE [Paul Ernst] Günter, 1910— *Beitrag zur Pathologie und Therapie der Gesichtasymmetrien [Leipzig] 19p. 8° Zeulenroda, A. Oberreuter, 1933.

GILLERT, Ernst, 1890— *Ueber ischämische Muskelkontrakturen. 23p. 8° Berl., L. Schumacher, 1919.
Also Arch. klin. Chir., 112: 413-31.

— Die Kampfstoffkrankungen; Erkennung, Verlauf und Behandlung der durch chemische Kampfstoffe verursachten Schäden. 2. Aufl. 5 p. l. 86p. 25cm. Berl., Urban & Schwarzenberg, 1938.

Erweiterter Sonderdruck aus Neue Deutsche Klinik, Bd 15.

GILLES, Josef, 1906— *Ueber cystische Bildungen in der Lunge von Kindern. 50p. 8° Bonn, P. Kubens, 1931.

GILLES, Pierre, 1914— *Contribution à l'étude des arythmies chez le cheval. 77p. 25½cm. Lyon, Bosc frères, 1939.

GILLES, René, 1908— *Un cas complexe de syphilis neuro-vasculaire tardive. 47p. 24cm. Par., M. Vigné, 1938.

GILLES de Corbeil, 1140-1224. Carmina de urinarum iudiciis [with the exposition and commentaries of Gentilis a Fulgineo; ed. Venantius de Camerino] 66 l. 8° Padua, Matheus Cerdonis de Windischgrecz, July 12, 1483.

— The same. 116 l. 32° Lyon, Jacob Myt, Oct. 30, 1515.

— De pulsibus. p.71b-115b. 32° Lyon, 1515.

In his Carmina de urinarum iudiciis. Lyon, 1515.
See also **Vicillard, C.** Gilles de Corbeil, médecin de Philippe-Auguste et chanoine de Notre-Dame 1140-1224; avec un facsimilé du manuscrit de la Hierapigra. 469p. 8° Par., 1909.

Also France méd., 1902, 49: 397; 421.—**D'Irsay, S.** The life and works of Gilles de Corbeil. Ann. M. Hist., 1925, 7: 362-78.

GILLES de la TOURETTE'S disease.

See **Neurosis.**

GILLESPIE, Alexander Lockhart, —1904. The natural history of digestion. xxv, 1, 427p. illust. tab. ch. diagrs. 8° Lond., W. Scott, 1898.

GILLESPIE, Louis John, 1886— Physical chemistry; an elementary text, primarily for biological and pre-medical students. ix, 287p. 8° N. Y., McGraw-Hill Book Co., 1931.

GILLESPIE, Robert Dick, 1897— Hypochondria. 104p. 16° Lond., K. Paul [et al.] 1929.

— Sleep and the treatment of its disorders. ix, 267p. 8° Lond., Baillière, Tindall & Cox, 1929.

See also **Henderson, D. K.** & **Gillespie, R. D.** A text-book of psychiatry for students and practitioners. 3. ed. 595p. 8° Lond., 1932. Also 4. ed. 606p. 1936. Also 5. ed. 600p. 1940.

GILLET, Bernard, 1908— *Contribution à l'étude de la réaction d'Aschheim et Zondek dans la mole hydatiforme et le chorio-épithéliome malin de l'utérus. 65p. 8° Par., Jouve & cie, 1934.

GILLET, Georges, 1915— *Contribution à l'étude des différents procédés de création d'un vagin artificiel. 59p. 24½cm. Lyon, Impr. Salut Pub., 1939.

GILLET, Germain, 1908— *L'hystérectomie périnéale. 131p. 25½cm. Par., L. Arnette, 1939.

GILLET, Paul, 1887— La sympathicothérapie. 3. éd. 2 l. x, 264p. illust. 8° Par., G. Doin & cie, 1934.

GILLET, Pierre, 1906— *Plotin au point de vue médical et psychologique. 52p. 8° Par., Le François, 1934.

GILLET, Raymond, 1911— *Rapports nutritifs de la mère et du fœtus; carence maternelle et carence foetale. 83p. 8° Lyon, Ass. Typogr., 1935.

GILLET, Robert, 1905— *L'opération de Ricard complémentaire à l'opération de Chopart. 64p. pl. 8° Par., G. Lac, 1932.

GILLET, Clyde F. A manual of the eye, ear, nose and throat. 6 p. l. 75p. 8° S. Franc., Kohnke Print. Co., 1928.

GILLET, George Nield, 1910— *Rickets: a survey of preventive (!) treatment by maternal and infant feeding of vitamin D milk [Univ. Wisconsin] 18p. 4° Wauwatosa, Wis., 1933.

Typewritten.

GILLETT, Henry T. Vaccine therapy in acute and chronic respiratory infections. x, 103p. ch. 12° Lond., H. K. Lewis, 1933.

GILLETT, Henry Webster, 1861-, & **IRVING, Albert John.** Gold inlays by the indirect system. xiii, 584p. 539 illust. 8° Brooklyn, Dent. Items of Interest Pub. Co., 1932.

GILLETT, Lucy Holcomb, 1880- Food for health's sake; what to eat. 3 p. l. 47p. 16° N. Y., Funk & Wagnalls Co., 1924.

— The same. Completely rev. 4, 74p. illust. pl. 16° N. Y., Funk & Wagnall [1937]

See also Willard, Florence, & Gillett, Lucy H. Dietetics for high schools [&c.] 290p. 8° N. Y., 1930.

GILLETTE, Robert Stackhouse, 1899- *Some statistics of 3,075 consecutive obstetrical cases delivered at the Madison General Hospital, Madison, Wisconsin [Madison General Hospital] 21p. 4° Madison, Wis., 1928.

Typewritten.

GILLI, Julius. *Beiträge zur Gastroenterostomie [Bern] 61p. 8° Jena, G. Fischer, 1907.

GILLIAM, A[lexander] G[ordon] 1904- Epidemiological study of an epidemic, diagnosed as poliomyelitis, occurring among the personnel of the Los Angeles County Medical General Hospital during the summer of 1934. v, 90p. 8° Wash., 1938.

Forms No. 240, Pub. Health Bull.

GILLIAM, David Tod, 1844-1923. Zollinger, R. Master surgeons of America. Surg. Gyn. Obst., 1930, 51: 873-5, portr.

GILLIAM, Franz [Mathias] 1912- *Methodologische Kritik therapeutischer Arbeiten über die unspezifische Therapie bei akuten Infektionskrankheiten (ausgenommen die exanthematischen) 85p. 7 tab. 21cm. Bonn, J. Kroth, 1938.

GILLIARD, André. *Contribution à la radiothérapie des séminomes. 23p. 8° Lausanne, Payot & cie, 1935.

GILLIES, Harold Delf, 1882- The development and scope of plastic surgery. 32p. illust. 8° Chic., Northwest. Univ., 1935.

Forms No. 20, v.35, Northwest. Univ. Bull. M. School.

GILLILAND, A[dam] R[aymond] 1887- See Morgan, John J. B., & Gilliland, A. R. An introduction to psychology. 319p. 12° N. Y., 1927.

GILLINGHAM, Engl. Medical Officer of Health. Annual report. 1916; 1922-34.

GILLITZER, Franz, 1907- *Ueber gumöse Myocarditis mit besonderer Berücksichtigung der Riesenzellbildung [München] 16p. 8° Günzb., K. Mayer, 1934.

GILLMAN, J. Editor of South African journal of medical sciences. Johannesburg, v.1, 1933-

GILLMANN, Ernst Bruno, 1908- *Ueber das Kapillarbild beim Blutegelbiss [Berlin] 28p. 21cm. Bleicherode, C. Nieft, 1937.

GILLON, Jean Jacques Ernest Jules, 1906- *Des malformations congénitales des voies biliaires avec ictère chez les nourrissons [Paris] 103p. 8° Macon, X. Perroux & fils, 1935.

GILLOOTS, Omer Albert, 1867- *Torsion de la matrice chez les grandes femmes domestiques [Alfort] 44p. 8° Par., Vigot frères, 1925.

GILLOT, Jean, 1908- *Terrain asthmatique et tuberculose. 71p. 8° Par., L. Arnette, 1936.

GILLOT, Paul, 1887-1935. Pastureau, P., & Meunter, A. [Obituary] Bull. sc. pharm., Par., 1935, 42: 474-81.

GILLOT, Pierre, 1911- *Anémie et myélose expérimentales par la saponine et le thorium X. 64p. 8° Lyon, Bosc frères, 1935.

GILLS, William Armistead, 1876- The crew or the cruiser? viii p.; 261p. portr. 8° [Richmond, Garrett & Massie] 1933.

GILLUM, Lulu W. Food studies. xvi, 624p. illust. 8° Kansas City, Mo., Gillum Book Co. [1935]

GILMAN, Albert Franklin, 1871-, & **GILMAN, Albert Franklin, jr.** Organic reactions. 210p. 16° Chic., Eclectic Pub. [1931]

GILMAN, Albert Franklin, jr. See Gilman, Albert Franklin, & Gilman, Albert Franklin, jr. Organic reactions. 210p. 16° Chic. [1931]

GILMAN H. L. See Birch, R. R., & Gilman, H. L. Bang's disease in cattle. 21p. 8° Ithaca, N. Y., 1935.

GILMAN, Henry, 1893- Organic chemistry; an advanced treatise. 2v. vii, ix-lvi; vii, 1890, ix-lvi p. paged consec. illust. diags. 8° N. Y., J. Wiley & Sons, 1938.

GILMORE, Charles W[hitney] 1874- On the detailed skull structure of a crested Hadrosaurian dinosaur. p.481-91. 8° Wash., D. C., 1937.

Forms No. 3023, v.81, Proc. U. S. Nat. Mus.

— Descriptions of new and little-known fossil lizards from North America. p.11-26. pl. 12° Wash., 1938.

Forms No. 3042, v.86, Proc. U. S. Nat. Mus.

— Ceratopsian dinosaurs from the Two Medicine formation, upper cretaceous of Montana. 18p. 8° Wash., 1939.

Forms No. 3066, v.87, Proc. U. S. Nat. Mus.

GILMOUR, Clifford R. See Cameron, A. T., & Gilmour, C. R. The biochemistry of medicine. 506p. 8° Lond., 1933. Also 2. ed. 518p. 1935.

GILMOWSKI, Soruch, 1893- *Beiträge zur geschichtlichen Entwicklung des Pansentrikars [Leipzig] 80p. 8° Lucka, R. Berger, 1925.

GILPIN, Richard. Daemonologia sacra; or, A treatise of Satan's temptations, edited with memoir by Alexander Balloch Grosart. lvi, 480p. 8° Edinb., J. Nichol, 1867.

GILS, Gertrud, 1908- *Plötzlicher Spätod nach Herzkontusion durch Bruststeckschuss [Heidelberg] 21p. 22½cm. Walldorf (Baden) F. Lamade, 1936.

GILS [Heinrich] Ferdinand van, 1892- *Ein Fall von Fibromatosis diffusa gingivae des Unter- und Oberkiefers. 51p. 2 pl. 8° Bonn, H. Trapp, 1926.

GILS [Heinrich Hans] Walter, 1911- *Ändert die intrazentrale Hemmung die Erregbarkeit des motorischen Nervenstammes? [Märburg] p.459-64. 25cm. Münch., J. F. Lehmann [1936]

Also Zschr. Biol., 1936, 97:

GILSON, Gustave. Debaisieux, P. La carrière scientifique de Gustave Gilson. Cellule, Louvain, 1936-37, 45: p. i-xx, portr.

GILTNER, Ward. An elementary text book of general microbiology. xvi, 471p. front. 8° Phila., P. Blakiston's Son & Co. [1928]

— Eradication or control of sources of brucellosis infection. p.257-72. 23½cm. N. Y., 1939.

In Brucellosis in man & animals (I. F. Huddleson, et al.) N. Y., 1939.

See also Michigan State College. Laboratory of Bacteriology and Hygiene. Laboratory manual [&c.] 3.ed. 472p. 8° N. Y., 1926.

GIMBERNAT, Antonio de, 1734-1816. Nuevo método de operar en la hernia crural. vi, xlvii p. 2 pl. 8° Licencia, Ibarra, 1793.

See also Fernández, V., & Serret Zulcaga, J. Su vida y su obra. Trab. Cáted. hist. crit., Madr., 1932-33, 1: 233-60.

GIMBERT de Fallois, Félix Armand, 1904—
*Dilatation aiguë de l'estomac après l'accouchement. 66p. 8°. Par., L. Arnette, 1930.

GIMENEZ, José Parera, 1869—1934.

Roldán y Guerrero, R. [Necrologia] Bol. farm. mil., Madrid, 1934, 12: 219-22.

GIMENO y Cabanas, Amalio.

Solemn session de homenaje al Prof. Amalio Gimeno y Cabanas, Conde de Gimeno. Siglo méd., 1935, 95: 661-4, portr.

GIMMEL, Hans. *Die Resultate der Appendicitisbehandlung an der Krankenanstalt Frauenfeld 1920-25 [Zürich] 47p. pl. 8°. Brugg, Effingerhof [1926]

GIMPEL [Gimpelewitsch] Abraham. *Refraktometrische Untersuchungen am Blutserum [Basel] 30p. roy. 8°. Jerusalem, Azriel, 1933.

GIN.

See also Alcohol; Beverage; Juniperus.

Dorchies, E. Les eaux-de-vie de grains; le genièvre. Ann. falsif., Par., 1935, 28: 452-6.—[France] Dénomination des genièvres; circulaire du Ministre de l'agriculture, 29 avril 1922. Ibid., 1922, 15: 248.

GINDRAUD, Henri Armand, 1900— *Tuberculose et gangrène pulmonaire. 72p. 8°. Par., L. Arnette, 1929.

GINECOLOGIA. Tor., v.1, 1935—

GINEKOLOGIA polska [Polish gynecology] Warsz., v.15, 1936—

GINELLA, Arnold. *Experimentelle Untersuchungen über Stärbereizung vermittelst ultraroter Strahlen, denen Rot beigemischt ist [Zürich] p.483-502. 8°. Berl., J. Springer, 1924. Also Arch. Ophth., Lpz., 1924, 114:

GINESTET, Christian de, 1901— *Technique de la gastro-suspension par le procédé de Lambret. 106p. pl. 8°. Par., Labor, 1933.

GINESTOUS, Etienne, 1870— Guide administratif de l'ophtalmologiste dans les examens d'aptitude visuelle. 2 l. 88p. 16°. Bord., Delmas, 1934.

GINESTOUS, Paul Simon Etienne.

See Ginestous, Etienne, 1870—

GINGER, Rachel, 1903— *Les variations de la tension oculaire sous l'influence de l'obscurité et de la lumière. 32p. 8°. Par., Impr. Munier, 1935.

GINGER, Rosalie, 1897— *Les embolies artérielles consécutives aux injections intramusculaires de sels insolubles du bismuth. 31p. 8°. Par., Jouve & cie, 1928.

GINGER [and derivatives]

See also Bitters; Carminatives.

Bray, G. T., Major, F., & Hill, E. L. Nigerian ginger. Analyst, Lond., 1939, 64: 176-81.—**Brooke, B. T.** Zingiberol; a new sesquiterpene alcohol occurring in the essential oil of ginger. J. Am. Chem. Soc., 1916, 38: 430-2.—**Davis, F. P.** Zingiber officinale. Eelett. M. J., 1931, 91: 7.—**Doi, R.** The pharmacological study of zingerone. Tohoku J. Exp. M., 1920, 1: 96-101.—**Marañón, J., & Caguila, E.** Philippine ginger in relation to the United States Food and Drugs Act. Philippine J. Sc., 1935, 58: 171-7, 2 pl. Also Bull. Nat. Res. Philippine Islands, 1937, No. 12, 134.—**Marañón, J., & Cosme, L. L.** Effect of decortication on the constituents of the Philippine ginger. Philippine J. Sc., 1937, 63: 405-8.—**Tzucker, R., & Jordan, C. B.** A study of the assay of ginger. J. Am. Pharm. Ass., 1940, 29: 265-9.—**Valenzuela, P.** Phytochemical notes (from the Laboratory of Edward Kremers) Jamaica ginger. Rev. filip. med., 1928, 19: 310-4.

— Poisoning.

See also Cresyl dyes; Neuritis; Toly compounds.

TURLEY, L. A., SHOEMAKER, H. A., & BOWDEN, D. T. Jake paralysis. 57p. 8°. Norman, Okla., 1931.

Bennett, C. R. A group of patients suffering from paralysis due to drinking Jamaica ginger. South. M. J., 1930, 23:

371-5.—**Bevis, W. M.** Residuals of jake leg paralysis. Med. Bull. Veterans Admin., 1936, 13: 157-60.—**Bowden, D. T., Turley, L. A., & Shoemaker, H. A.** The incidence of Jake paralysis in Oklahoma. Am. J. Pub. Health, 1930, 20: 1179-86.—**Brown, E. G.** An epidemiological investigation of Jamaica ginger paralysis cases. J. Kansas M. Soc., 1930, 31: 362-5.—**Crandall, F. G.** Paralysis from spurious Jamaica ginger extract; report on Los Angeles County outbreak. California West. M., 1931, 35: 180-2.—**Gardner, W. E.** Jamaica ginger paralysis. South. M. J., 1931, 24: 97-101.—**Goldfain, E.** Jamaica ginger multiple neuritis. J. Oklahoma M. Ass., 1930, 23: 191.—**Goodale, R. H., & Humphreys, M. B.** Jamaica ginger paralysis; autopsy observations. J. Am. M. Ass., 1931, 96: 14-6. Also repr.—**Goodwin, O. P.** Triorthoresol phosphate poisoning due to the ingestion of adulterated Jamaica ginger. Med. Bull. Veterans Admin., 1933, 10: 110-4.—**Grayson, W. B., & Hastings, G.** Five unusual paralytic cases following gastro-intestinal disturbances. J. Arkansas M. Soc., 1931, 31: 114.—**Harris, S., jr.** Jamaica ginger paralysis (a peripheral polyneuritis). South. M. J., 1930, 23: 375-80.—**Hume, E. E.** The first cases Jamaica ginger paralysis in the United States Army. Mil. Surgeon, 1930, 67: 621-8. Also repr.—The outbreak of Jamaica ginger paralysis in the United States. J. State M., Lond., 1931, 39: 157-64. Also repr.—**Jeter, H.** Autopsy report of a case of so-called Jake paralysis. J. Am. M. Ass., 1930, 95: 112. Also repr.—**Kidd, J. G., & Langworthy, O. R.** Jake paralysis; paralysis following the ingestion of Jamaica Ginger extract adulterated with triortho-cresyl phosphate. Bull. Johns Hopkins Hosp., 1933, 52: 39-65.—**Kiely, C. E., & Rich, M. L.** An epidemic of motor neuritis in Cincinnati, Ohio, due to drinking adulterated Jamaica ginger. Pub. Health Rep., Wash., 1932, 47: 2039-41.—**Merritt, H. H., & Moore, M.** Peripheral neuritis associated with ginger extract ingestion. N. England J. M., 1930, 203: 4-12.—**Pavy, A. B.** Peripheral polyneuritis. N. Orleans M. & S. J., 1930-31, 83: 167.—**Perry, M. L., & Kaster, J. P.** A clinic; Jake paralysis. J. Kansas M. Soc., 1930, 31: 356-9.—**Pharmacological and chemical studies of the cause of so-called ginger paralysis.** Pub. Health Bull., Wash., 1932, No. 201, 50-65.—**Roger, H., & Recordier, M.** Les polyneuropathies phosphorées (phosphate de créosote, gingerparalysis, apitol) Ann. m'd., Par., 1931, 35: 44-63.—**Smith, M. L., & Elvove, E.** Pharmacological and chemical studies of the cause of so-called ginger paralysis. Pub. Health Rep., Wash., 1930, 45: 1703-16. —The epidemic of so-called ginger paralysis in southern California in 1930-31. Ibid., 1931, 46: 1227-35.—**Smith, M. L., Elvove, E.** [et al.] Pharmacological and chemical studies of the cause of so-called ginger paralysis; a preliminary report. J. Med., Cincinnati, 1932, 43: 11-9.—**Smith, M. L., Elvove, R., & Frazier, W. H.** The pharmacological action of certain phenol esters, with special reference to the etiology of so-called ginger paralysis. Pub. Health Rep., Wash., 1930, 45: 2509-24.—**Smith, M. L., & Lillie, R. D.** The histopathology of triorthoresol phosphate poisoning; the etiology of so-called ginger paralysis (third report). Arch. Neur. Psychiat., Chic., 1931, 26: 976-92. Also repr.—**Turley, L. A.** Neuro-pathology found in cases with jake paralysis. J. Oklahoma M. Ass., 1930, 23: 193-5.—**Valaer, P.** The examination of cresyl-bearing extracts of ginger. Am. J. Pharm., 1930, 102: 571-4. —Adulterated ginger; responsible for recent paralysis epidemic. J. Am. Pharm. Ass., 1930, 19: 948-50.—**Vonderahe, A. R.** Pathologic changes in paralysis caused by drinking Jamaica ginger. Arch. Neur. Psychiat., Chic., 1931, 25: 29-43. Also repr.—**Watkins, J. H.** Experimental polyneuritis in chickens given Jamaica ginger. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 900.—**Weber, M. L.** A follow-up study of 35 cases of paralysis caused by adulterated Jamaica-ginger extract. Med. Bull. Veterans Admin., 1936, 13: 228-42.—**Werden, D. H.** Ascending paralysis resulting from the drinking of Jamaica ginger; a clinical study of 50 cases. Ann. Int. M., 1931-32, 5: 1257-66.—**Wilson, G.** Remarks on the so-called Jamaica ginger paralysis; report of a case. N. York State J. M., 1931, 31: 70.—**Zelias, M. A.** Upper motor neuron sequelae in jake paralysis; a clinical follow up study. J. Nerv. Ment. Dis., 1938, 87: 464-70.

GINGIVA.

See also Mouth; Paradentium; Tooth; also in 3. ser. Gums.

ABREZOL, G. H. *La structure du bourrelet gingival chez le fœtus humain. 36p. 8°. Lausanne, 1930.

LÜHRS, F. [O. H.] *Eigentümliche Befunde an den Zahnfleischtaschen und am Mundboden bei jungen Ratten [Göttingen] p. 353-68. 8°. Weimar, 1933.

Also Anat. Anz., 1933, 76:

NORBERG, O. *Untersuchungen über das dento-gingivale Epithelleistensystem im intrauterinen Leben des Menschen. 414p. 8°. [Stockh. 1929]

Burwasser, P., & Hill, T. J. The effect of hard and soft diets on the gingival tissues of dogs. J. Dent. Res., 1939, 18: 389-93.—**Clinch, L.** Variations in the mutual relationships of the

maxillary and mandibular gum pads in the newborn child. Internat. J. Orthodont., 1934, 20: 359-74.—De Luca, A. La gingiva negli edentuli. Arch. chir. oris. Bologna, 1935, 3: 451-8.—Gabel, A. Ueber Erfahrungen mit Gencivex (künstliches Zahnfleisch). Dentr. Dent., 1929, 29: 195-7.—Gross, H. Experimentelle Untersuchung über die Regenerationsfähigkeit des Zahnfleisches beim Hund. Parodontium, Berl., 1933, 5: 57-69.—Marie, P. Les lésions gingivales. Paris méd., 1938, 109: 166-8.—Praeger, W. Beiträge zur vergleichenden und pathologischen Anatomie des Zahnfleischwalles. Vjschr. Zahnh., 1927, 43: 225-60.—Reissner, A., & D'Alise, M. Sulla influenzabilità della gengiva. Riv. ital. stomat., 1938, 7: 329-39.—Sassier, P. Les lymphatiques des gencives. Ann. anat. path., Par., 1927, 4: 212-5.—Sillman, J. H. Relationship of maxillary and mandibular gum pads in the newborn infant. Am. J. Orthodont., 1938, 24: 409-24.—Skillen, W. G. The morphology of the gingivae of the rat molar. J. Am. Dent. Ass., 1930, 17: 645-68. — Normal characteristics of the gingiva and their relation to pathology. Ibid., 1088-110. — Normal anatomic and physiologic gingiva and its relation to pathologic processes. Ibid., 1931, 18: 600-15.—Wallisch, W. Das Zahnfleisch. Zschr. Stomat., 1934, 32: 1212-6.—West, C. M. The development of the gums and their relationship to the deciduous teeth in the human fetus. Internat. J. Orthod., 1926, 12: 811-8.—Woodhouse, W. B. The gingival trough; its early development. Austral. J. Dent., 1929, 33: 139-46.—Ziskin, D. E., Blackberg, S. N., & Stanetz, C. A. Effects of subcutaneous injections of estrogenic and gonadotropic hormones on gums and oral mucous membranes of normal and castrated rhesus monkeys. J. Dent. Res., 1935, 15: 407-28, 8 pl.

— Abscess [Parulis] and fistula.

HABICHT, H. *Die Parulis nach 184 stationären Beobachtungen an der chirurgischen Universitäts-Klinik Leipzig. 28p. 8°. Borna-Lpz., 1934.

KRÜGER [R. H.] H. *Zur Frage der Indikation der Exstruktion bei Parulis [Halle-Wittenberg] 26p. 8°. Berl., 1935.

MEYER, E. *Die Parulis unter besonderer Berücksichtigung der ursächlichen Zähne [München] 15p. 8°. Osnabrück, 1935.

WEISSINGER, K. *Ein Beitrag zur Bakteriologie der Parulis. 32p. 8°. Kiel, 1933.

ZIEGLER, G. *Zur Klinik der Parulis. 35p. 20½cm. Königsb., 1936.

Medonca, E. de. Les propriétés de l'inolène dans la guérison des fistules gingivales dentaires. Odontologie, Par., 1926, 64: 645.—Ohashi, H. A haematological study of acute suppurative inflammation of dental origin. Tr. Nippon Dent. Ass., 1933, 20-7.

— Cancer.

Campatelli, V. Contributo allo studio dei tumori da catrame sulla mucosa gengivale. Riv. ital. stomat., 1933, 2: 247-62.—Heyninx, A. Un premier résultat de mes recherches expérimentales sur l'étiologie gingivo-dentaire du cancer. Rev. stomat., Par., 1927, 29: 912-25. — Un deuxième résultat de nos recherches expérimentales sur l'étiologie gingivo-dentaire du cancer. Rev. odont., Par., 1928, 49: 625-30.—Honegger, M. Ein Fall von Gingiva-Carcinomi. Schweiz. Mschr. Zahnh., 1930, 40: 537-42, 7 pl.

— Crevice [and pocket]

See also **Paradentosis**.

MÜLLER, A. M. *Ueber die Tiefe der Zahnfleischtaschen bei Jugendlichen [Bonn] 39p. 8°. Bresl., 1929.

OELPKE, H. *Die Tiefe der physiologischen Zahnfleischtasche. 17p. 8°. Gött., 1931.

Bödecker, C. F., & Applebaum, E. The clinical importance of the gingival crevice. Dent. Cosmos, 1934, 76: 1127-42.—Gracey, C. H. Expediting the resolution of the soft-tissue wall of the periodontal pocket. Ibid., 1296-301.—Gross, H. Zur Genese der vertieften Zahnfleischtasche. Parodontium, Berl., 1930, 2: 70-86.—Lührs, F. Eigentümliche Befunde an den Zahnfleischtaschen und am Mundboden bei jungen Ratten. Anat. Anz., 1933, 76: 353-68.—Orban, B. Zahnfleischtasche und Epithelansatz. Zschr. Stomat., 1931, 29: 858; 1005; 1359. — & Mueller, E. The gingival crevice. J. Am. Dent. Ass., 1929, 16: 1206-42.—Silverman, M. M. Flap operation for preservation of the gingival crevice. Dent. Cosmos, 1935, 77: 987-9.—Tishler, B. Gingival clefts and their significance. Ibid., 1927, 69: 1003-6.

— Discoloration, and incrustation.

See also under names of metal poisons as **Lead**; **Mercury**, &c.

BLANKENBACH, K. *Allgemeinerkrankungen und Zahnfleischverfärbungen. 24p. 8°. Münch. [1934]

GAUDLITZ, H. *Pathogenese und Diagnose der Zahnfleischveränderungen bei Blei- und Wismutintoxikation unter Berücksichtigung eigener klinischer und mikroskopischer Untersuchungen [Leipzig] 19p. 8°. [Zeulenroda] 1929.

RÖTTINGER, E. *Metalleinlagerungen im Zahnfleisch. 24p. 8°. Münch. [1931]

SCHOLL, H. *Ueber das Verhalten der Zahnfleischkapillaren bei Sulfidsaumbildung [Frankfurt a. M.] 12p. 8°. [Berl.] 1929.

Also Parodontium, Berl., 1930, 2: 86-91.

Breyer, H. B. G. Ueber Pseudobleisäume bei Javanern und Maduresen, Melanin und Ultramelanin. Beitr. path. Anat., 1939, 102: 397-414, pl.—C. L. R. Silver pigmentation of the gums. Arch. Clin. Oral Path., 1938, 2: 41-4.

— Disease.

See also **Paradentium**, **Disease**; also under specific names of diseases as **Epulis**; **Lupus**; **Syphilis**, &c.

BOENING, F. *Ueber Erkrankungen der Gingiva beim Hund. 11p. 8°. Giessen, 1925.

EULER, G. *Agranulozytose und aplastische Anämie; ihre Erscheinungen in der Mundhöhle mit besonderer Berücksichtigung der Zahnfleischveränderungen [Heidelberg] 24p. 21cm. Lengerich i. W., 1936.

GOADBY, K. Diseases of the gums and oral mucous membrane. 4. ed. 496p. 8°. Lond., 1931.

LORENZ, G. *Zur Ultraviolett-Bestrahlung des Zahnfleisches. 16p. 8°. Frankfurt a. M., 1932.

RUNGE, H. *Ueber die Behandlung von Zahnfleischerkrankungen unter besonderer Berücksichtigung von Targisin [Würzburg] 46p. 8°. Chemnitz, 1934.

Achard, H. J. The endocrine factor in diseases of the teeth and gums. Oral Hyg., Pittsb., 1927, 17: 2152-9.—Brauer, R. Zahnfleischerkrankungen in der Schwangerschaft. Med. Klin., Berl., 1939, 35: 280.—Bulleid, A. Diseases of the gums and their manifestations and interpretations. Brit. Dent. J., 1936, 61: 523-30, 4 pl.—Cantor, H. Some common diseases of the gum in children. Brit. J. Dent. Sc., 1926, 69: 228-32.—Cerqueira, A. Desvegetation da região gengivo-alveolar. Fol. med., Rio, 1937, 18: 127-9.—Chiuminatto, L. Gingivopatie a tipo proliferante. Riv. ital. stomat., 1933, 2: 161-341.—Daley, F. H., Healy, J. C., & Sweet, M. H. Chronic acid and gingival lesions. Apollonian, Bost., 1936, 11: 219-22.—Davies, J. H. T. An unusual condition of the gums, associated with mild, intractable cheilitis: case for diagnosis. Proc. R. Soc. M., Lond., 1932, 25: 1038.—Gearhart, C. M. Lesions of gum tissues and their relation to vascular hypotonus. J. Am. Dent. Ass., 1926, 13: 595-600.—Goldenberg, L. Vaccino-therapy of the gums; theory and practice. Brit. J. Dent. Sc., 1928, 72: 65-72.—Hartley, L. P. Experimental inoculation of gingivae of a normal monkey with mixed culture of oral microorganisms. Dent. Bull., Carlisle, 1938, 9: 18-21.—Huber, H. Zahnfleischerkrankungen in der Schwangerschaft. Zbl. Gyn., 1938, 62: 1977-81.—Hyman, M. Gingival and periodontal disease in children. N. York J. Dent., 1939, 9: 164.—Lippo, P. Potere ossido-riduttore dei tessuti gengivali in condizioni normali e nella avitaminosi C sperimentale. Stomatologia, Mod., 1935, 33: 152-4.—Lyons, D. C. Chemical determination of vitamin C deficiency as related to gingival disease. J. Am. Dent. Ass., 1938, 25: 119-22.—McDonagh, A. J. The prevention and treatment of ulatroph. Dominion Dent. J., 1932, 44: 51.—Merrifield, F. W. Diagnosis of diseases of the gingivae. J. Am. Dent. Ass., 1933, 20: 277-83.—Parturier, G., & Pont, F. Folie et lésions gingivo-dentaires. Rev. méd., Par., 1933, 50: 532-54.—Pollia, J. A. The traumatic atrophies. Dent. Items, 1928, 50: 775-87.—Provisionato, A. Il fenomeno di Arthus nella mucosa gengivale del coniglio. Stomatologia, Mod., 1934, 32: 901-9.—Rosenthal, N. Notes sur certains états pathologiques des gencives. Odontologie, Par., 1929, 67: 497-502.—Stream, L. P. Pruritus gingivae. Canad. M. Ass. J., 1938, 38: 362.—Telfier, J. Considérations anciennes et nouvelles sur la pathologie générale des affections gingivo-dentaires. Rev. stomat., Par., 1931, 33: 385-401.—Whinney, E. M. The contact point in relation to diseases of the gum tissue. Dent. Rev., 1909, 23: 604-14.—Ziskin, D. E. Hormonal therapy for some gingival conditions. J. Dent. Res., 1939, 18: 329-41. — Blackberg, S. N., & Stout, A. P.

The gingivae during pregnancy; an experimental study and a histopathological interpretation. *Surg. Gyn. Obst.*, 1933, 57: 719-26.

Elephantiasis, and hypertrophy [Makrulia]

See also subheading Gingivitis, hypertrophic.

GERLING, F. *Ueber Makrulia. p.522-39. 8°. Berlin, 1933.

Also *Virchows Arch.*, 1933, 291:

VULLIET, M. *De l'hypertrophie marginale de la gencive. 31p. 8°. Genève, 1926.

Alferov, M. [Elephantiasis of the gums] *Vest. khir.*, 1927, 10: 253-6.—Arlotta, A. Elephantiasis gingivae. *Rev. stomat.*, Par., 1930, 32: 514-8. Also *Arch. chir. oris*, Bologna, 1932, 1: 77-84.—Dechaume. Eléphantiasis ou tumeurs hyperplasiques diffuses des gencives; coexistence chez la même malade d'hyperostoses (tumeurs hyperplasiques des maxillaires) *Bull. Soc. fr. derm. syph.*, 1936, 43: 397-402.—Diehl, G. Ein Fall von Makrulia (Elephantiasis des Zahnfleisches) *Hals &c. Arzt*, Teil 1, 1936, 27: 209-13.—Fleming, W. E. Primary generalised hypertrophy of the gums. *Austral. J. Dent.*, 1934, 38: 6-12.—Gottlieb, B. Die Furchen an der Oberfläche von hypertrophischem Zahnfleisch. *Zschr. Stomat.*, 1937, 35: 1279.—Hayden, W. Y. Excessive gingival hypertrophy reduced by occlusal adjustment. *J. Periodont.*, 1940, 11: 30.—Iesu, G. L'ipertrofia ereditaria della gengiva. *Arch. chir. oris*, Bologna, 1934, 2: 423-40.—Lancelot, J. Volumineuse hypertrophie des gencives entravant l'alimentation. *Rev. laryng.*, Bord., 1929, 50: 519-22.—Läwen, A. Ueber die Elephantiasis der Gingiva und ihre operative Behandlung. *Wien. med. Wschr.*, 1929, 79: 607-10.—Love, R. J. McN. Hypertrophy of the gums. *Brit. J. Surg.*, 1928-29, 16: 315.—Martinaud, G. Hyperplasie gingivale diffuse. *J. méd. Bordeaux*, 1929, 59: 282-5.—Miller, S. C. Excessive gingival hypertrophy and alveolar destruction in young individual. *N. York J. Dent.*, 1934, 4: 264-6.—Newby, C. D. A report on a case of hypertrophied gum tissue. *J. Canad. Dent. Ass.*, 1940, 6: 183-6.—Petrooulos, K. Hypertrophie des Zahnfleisches während der Schwangerschaft. *Zschr. Stomat.*, 1938, 36: 666.—Portmann, G., & Martinaud, G. Sur un cas d'hyperplasie gingivale diffuse. *Rev. laryng.*, Bord., 1929, 50: 363-76. Also *Rev. stomat.*, Par., 1929, 31: 806-20.—Tennis, P. C. Hypertrophied gum tissue; report of an interesting case. *Am. Dent. Surgeon*, 1925-26, 46: 69.

Examination.

See also Capillaroscopy.

Back, H., & Redisch, W. Die Kapillarskopie der Gingiva. *Zschr. Stomat.*, 1930, 28: 552-7.—Geikin, M. K. Methodik der Capillarskopie und Capillarographie des Zahnfleisches. *Deut. Mschr. Zahnh.*, 1932, 50: 303-9.—Mead, S. V. Transillumination of the teeth and gums. *Internat. J. Orthodont.*, 1928, 14: 877-91.

Excision, and resection.

See also subheading Surgery.

Drum, H. A. Gum resection. *Am. J. Orthodont.*, 1938, 24: 994.—Krusin, F. S. Electrocoagulation and gingivectomy. *Brit. Dent. J.*, 1938, 64: 433.—Orban, B. Gingivectomy or flap operation? *J. Am. Dent. Ass.*, 1939, 26: 1276-83.—Péter, K. Der Zahnfleischrandschnitt. *Vjschr. Zahnh.*, 1930, 46: 383-93, 4 pl.—Richter, H. Erfahrungen über den Zahnfleischrandschnitt nach K. Peter. *Arch. Ohr. &c. Heilk.*, 1939, 146: 462-5.—Rule, R. W. Subgingival curettage. *J. Periodont.*, 1938, 9: 77-84.—Schofield, E. Gingivectomy; conclusions drawn from post-operative results. *Brit. Dent. J.*, 1937, 62: 517-22.—Thibault, R. La gingivectomie; ses indications. *Rev. stomat.*, Par., 1937, 39: 846-8.

Foreign body.

Mead, S. Metal in bone and soft tissue. *Am. J. Orthodont.*, 1939, 25: 377-9.—Philippsthal. Ueber einen Fall von Fremdkörpergingivitis. *Med. Klin.*, Berl., 1930, 26: 1634.

Fusospirochetosis [Vincent]

See also Vincent's infection.

Box, H. K. Definition and description of necrotic gingivitis; first of a series of articles on trench mouth. *Dent. Surv.*, 1931, 7: 30-76. — Bacterial factors of necrotic gingivitis; second of a series on trench mouth. *Ibid.*, 37-74.—Breazeale, E. L., & Greene, R. A. Incidence of spirochaetes and fusiform bacilli in throat and gum smears. *Southwest. M.*, 1940, 24: 20.—Cabanne, A. Tratamiento de la gingivitis ulcerosa, gingivitis de Vincent, por el bicromato de potasio. *Rev. odont.*, B. Air., 1940, 28: 397-9.—Coffart, C. Gingivostomatite ulcéro-fuso-spirillaire au cours d'une grossesse. *Rev. gén. clin. théor.*, 1934, 48: suppl., 1300-8.—Coolidge, E. D. The association of oral spirochetes and the fusiform organisms in acute and chronic gingivitis; also a discussion of their relation to Vincent's gingivitis. *Illinois Dent. J.*, 1933, 2: 549-62.—Francis, F. D. Vincent's infection; retrospect, suspect, and prospect. *J. Periodont.*, 1940, 11: 14-8.—Greenberg, S., & Greenberg, P. The incidence of spirochete and fusiform

bacillus in gingival inflammations and its diagnostic value. *Dent. Cosmos*, 1929, 71: 364-9.—Grove, O. A. Consideration of the gingivitis and oral spirochetoses, with mercurial treatment for Vincent's infection and noma. *Med. Bull. Veterans Admin.*, 1937-38, 14: 164-71.—Mack, C. H. Acute gingivitis associated with fusiform bacilli and spiral forms. *U. S. Nav. M. Bull.*, 1928, 26: 40-54.—Orsö, G. [Treatment of gingivitis-stomatitis ulcerosa and Plaut-Vincent angina with Medobis suppositories] *Orv. hetil.*, 1938, 82: mell., 28.—Panja, G. Fusospirochaetal affections of gums and lips. *J. Ind. M. Ass.*, 1937-38, 7: 369-71.—Taylor, F. E., & McKinstry, W. H. Fusospirochaetal peri-dental gingivitis. *Proc. R. Soc. M.*, Lond., 1916-17, 10: Sect. Odont., 8-16.—Tunnick, R., Fink, E. B., & Hammond, C. Significance of fusiform bacilli and spirilla in gingival tissue. *J. Am. Dent. Ass.*, 1936, 23: 1959-65.

Gingivitis [and ulitis]

See also Mouth; Paradentium.

Eckhardt, L. *Beitrag zur Gingivitis gravidarum und deren Behandlung mit Chamomilysatum Bürger. 14p. 8°. Heidelb., 1932.

GLATZER, I. *Ueber Gingivitis marginalis mit eigenen Beobachtungen bei der Reichswehr [Tübingen] 25p. 8°. Frankenstein [1933]

GOTTLIEB, B., & ORBAN, B. Zahnfleischentzündung und Zahnlockerung. 286p. 8°. Berl., 1933.

HUMMEL, H. *Die verschiedenen Infektionstheorien bei marginaler Parodontitis. 22p. 8°. Würzb., 1932.

RICOUX, L. [née MARCOTTE] *Septicémies veineuses subaiguës et infections de la région gingivodentaire. 76p. 8°. Par., 1937.

SPIELMEYER, E. *Vergleiche über Zellstoffgingivitis und sogenannten Watterollenstomatitis [Heidelberg] 19p. 8°. Schwessingen, 1933.

WITZ, O. [E.] *Die gewöhnliche Gingivitis; Beitrag zur Häufigkeit und zu ihren Beziehungen [Tübingen] 48p. 8°. Stuttg., 1931.

Acevedo, A. Estado actual del problema de la gingivitis. *Rev. odont.*, B. Air., 1940, 28: 263-78.—Badanes, B. B., & Amsher, P. I. Gingivitis in the domestic dog and its prevention. *J. Am. Vet. M. Ass.*, 1935, 87: 325-30.—Beckwith, T. D. The presence of bacterial microorganisms within human gingival tissue in gingivitis. *Proc. Soc. Exp. Biol.*, N. Y., 1925-26, 23: 140-2. — Simonton, G. W., & Rose, E. J. The presence of bacterial microorganisms in human gingival tissue in gingivitis. *Dent. Cosmos*, 1927, 69: 164-71.—Belding, P. H., & Belding, L. J. Specific gingivitis. *J. Am. Dent. Ass.*, 1932, 19: 1995-7. — Gingival infection and resistance. *Ibid.*, 1938, 25: 529-35.—Bergman, S., & Gedda, E. [Is paradental gingivitis influenced by the seasons?] *Tskr. mil. hälsov.*, 1937, 62: 78-97.—Beust, T. B. Micrology of gingival inflammations. *J. Dent. Res.*, 1937, 16: 157-61.—Brajo, F. Studio dell'iperleucemia alimentare in alcune forme di gingivite suppurativa. *Riv. ital. stomat.*, 1934, 3: 808-15.—Bresler, H. E. Dissertation: gingivitis gravidarum. *Dent. Items*, 1935, 57: 605-14.—Caumartin. Gingivostomatitis. *Ann. Policlin.* Paris, 1906, 16: 176-85.—Cohen, J. T. Lowered resistance; the most important factor in gingivitis. *Dent. Surv.*, 1934, 10: 47.—Coolidge, E. D. Inflammatory changes in the gingival tissue due to local irritation. *J. Am. Dent. Ass.*, 1931, 18: 2255-70.—Delater. Epulis et pyorrhée sont ordinairement des suites évolutives d'une gingivite latente initiale. *Rev. stomat.*, Par., 1927, 29: 664-85.—Fortier, J. Des gingivites de la grossesse. *Union méd. Canada*, 1936, 65: 545.—Fox, C. Gingival infections as a causative factor in systemic disease. *Rep. Wayne Co. M. Soc.*, 1937-38, 8: 47-50.—Grossman, L. I. Gingivitis. In *Cyclop. Med. (Piersol-Bortz)* Phila., 1939, 10: 233-7.—Häupl, K. Zur Klinik, Diagnostik und Therapie der Parodontitis marginalis. *Zschr. Stomat.*, 1926, 24: 85-136.—Henderson, C. S. The bacteriological aspect of gingivitis. *Guy's Hosp. Gaz.*, Lond., 1934, 48: 124-6.—Herlitz, C. W. Investigations of the C-vitamine standard in healthy children and in children suffering from gingivitis. *Acta paediat.*, Upps., 1938, 23: 43; 1939, 24: 341 [Discussion] 359.—Jobin, A. Gingivite hémorragique. *Bull. Soc. méd. hôp. Québec*, 1934, 320-8.—Keilty, R. A. The present state of our knowledge of gingivitis. *J. Lab. Clin. M.*, 1927-28, 13: 451-68.—Gingivitis; the clinical appearance of the gingivae in different forms and stages. *Ibid.*, 1928-29, 14: 48-54.—Gingivitis; laboratory methods for study. *Ibid.*, 165-9.—The character of the exudate in gingivitis. *Ibid.*, 1929-30, 15: 495-504.—The rôle of infection in gingivitis. *Ibid.*, 1930-31, 16: 570-4.—Gingivitis; an infectious entity from the medical and dental aspects. *J. Am. Dent. Ass.*, 1930, 17: 271-81. Also *Pacific Dent. Gaz.*, 1931, 39: 661-74.—Gingivitis an entity, including all forms from acute Vincent's to chronic pyorrhoea; description, bacteriology and pathology. *South. M. J.*, 1931, 24: 386-90.—Kilduffe,

R. A. A consideration of some aspects of gingivitis. J. Am. Dent. Ass., 1928, 15: 1017-27.—Kirkpatrick, R. M. Diet in relation to gingivitis: field observations in New Guinea. Ibid., 1937, 24: 197-206.—McKinney, J. D. Acute gingivostomatitis in children. Illinois M. J., 1940, 77: 269.—Orbán, B. Marginale Parodontitis. Zschr. Stomat., 1927, 25: 827-35.

— Traumatic occlusion and gum inflammation. J. Periodont., 1939, 10: 39-47.—Otsen. Les gingivites en relation avec l'hypo-vitamine C. Rev. stomat., Par., 1939, 41: 115.—Praeger. Ueber nicht spezifische Zahnfleischentzündungen. Zschr. Stomat., 1927, 25: 1202-4.—Pritchard, G. P. Acute gingivitis. Guy's Hosp. Gaz., Lond., 1926, 49: 283-6.

— Some notes on the origin of gingivitis. Ibid., 1928, 42: 314-6.—Roy, M. Les gingivostomatites. Méd. prat. Par., 1906, 86-9.—Spalding, G. R. Gingivitis. J. Am. Dent. Ass., 1936, 23: 2021-7.—Starck. Gingivitis als Infektionskrankheit. Med. Welt, 1934, 8: 876.—Triboulet, H. Stomatite (gingivite) scorbutiforme; généralités et traitement. Clinique, Par., 1906, 1: 117.—Turner, H. W. Inflammation of the gums. Practitioner, Lond., 1934, 132: 683-9.—Vincent, R. L'infection microbienne de la gencive par voie sanguine; ses conséquences en thérapeutique générale et locale. J. Canad. Dent. Ass., 1936, 2: 459; 507. — & Prêtet, H. L'hémoculture gingivale dans les états infectieux accompagnés de gingivite ou de pyorrhée alvéolaire. Paris méd., 1933, 87: 555-9.—Wustrow. Parodontitis marginalis und allgemeine Gesundheitsstörungen. Zbl. inn. Med., 1939, 60: 34-7.—Zemsky, J. L. Interesting forms of gingivitis and stomatitis; with consideration of their diagnosis and treatment. Dent. Items, 1930, 52: 269-80.

— Gingivitis, chronic.

BROTHAGE, E. *Ueber den Zusammenhang zwischen Parodontitis marginalis chronica und Arteriosklerose. 19p. 8° Würzb., 1935.

WENTEN, F. W. R. *Chronische Zahnfleischentzündungen; Ursache, Verlauf und Therapie [München] 119p. 22½cm. Bottrop, 1936.

Brinch. Les recherches de l'Arpa internationale sur l'importance étiologique de l'hypovitaminose C pour les gingivites chroniques. Rev. stomat., Par., 1939, 41: 114.—Fish, E. W. Parodontal disease: the pathology and treatment of chronic gingivitis. Brit. Dent. J., 1935, 58: 531; 602.—Gottlieb, B. Wie entstehen die chronischen Zahnfleischentzündungen und wie kommt es zum Zahnausfall? Wien. klin. Wschr., 1931, 44: 1200.—Häupl, K. Die chronische Zahnfleischentzündung und ihre Folgewirkungen, ihre Pathologie und Therapie. Zschr. Stomat., 1935, 33: 321-32. — Die chronische Zahnfleischentzündung und Zahnlockerung (die marginale und profunde Parodontitis). Ber. Internat. Zahnärztekongr. (1936) 1937, 9. Kongr., 1: 721-46. [Discussion] 2: 276-88. Also Ber. Deut. Ges. Zahn- & Heilk. (1936) 1937, 73 Tag., 2. T., 309-25.—Merritt, A. H. Chronic desquamative gingivitis. J. Periodont., 1933, 4: 30-4.—Piatnitsky, F. A. [Etiology and pathogenesis of chronic marginal parodontitis]. Tr. Acad. mil. méd. Kiroff, 1934, 1: 235-42.—Prinz, H. Chronic diffuse desquamative gingivitis. Brit. J. Dent. Sc., 1932, 77: 118; 1933, 78: 88. Also Dent. Cosmos, 1932, 74: 331-3.—Simmonds, N. H. Some thoughts on chronic marginal gingivitis. Brit. Dent. J., 1926, 47: 1116-23.—Sorin, S. Chronic desquamative gingivitis. J. Am. Dent. Ass., 1940, 27: 250-7.—Vincent, R. La valeur symptomatique des états inflammatoires chroniques de la gencive en médecine générale. Bull. méd., Par., 1935, 49: 247-50.—Zbinden, M. Considérations pratiques sur certaines gingivites chroniques. Schweiz. Mschr. Zahnh., 1933, 43: 250-3.

— Gingivitis, hypertrophic.

See also subheading Elephantiasis.

DEGE, H. A. *Entzündungsähnliche Geschwülste und geschwulstähnliche chronische Entzündungsvorgänge in der Mundhöhle, zumal am Zahnfleisch. 18p. 8° Münch., 1930.

THEOBALD, F. *Ueber Gingivitis hypertrophicans [Heidelberg] 16p. 8° Münch., 1936.

WÄCHTER, M. *Gingivitis hypertrophicans. 17p. 8° Münch., 1931.

Anderson, B. J. Hypertrophic gingivitis among Chinese. Nat. M. J. China, 1929, 15: 453, pl.—Begelmann, J. A. Zur Zahnfleischfibromatose (zur Frage von der sogenannten Gingivitis hypertrophica) Deut. Zschr. Chir., 1929, 216: 243-63.—Cahn, L. R. The histopathology of hypertrophic gingivitis. Dent. Items, 1926, 48: 195; 668.—Coleman, F. Hypertrophic gingivitis. Proc. R. Soc. M., Lond., 1933, 26: Sect. Odont., 1562.—Dechaume, M. Gingivites hypertrophiques et épulis; considérations sur la pathogénie des réactions et des tumeurs hyperplasiques conjonctivo-épithéliales. Bull. Soc. fr. derm. syph., 1935, 42: 562.—Friebert, M. The treatment of a chronic hypertrophic gingivitis with diathermy. Dent. Items, 1936, 58: 672-8, 5 pl.—Furtwaengler, A. Zur Frage der Aetiologie der Gingivitis hypertrophicans. Deut. Mschr. Zahnh., 1927, 45: 999-1004.—Haley, P. S. Treatment of parodontosis and hypertrophic gingivitis by the use of

acetone. J. Am. Dent. Ass., 1940, 27: 511-7.—Hirschfeld, I. Hypertrophic gingivitis; its clinical aspect. Ibid., 1932, 19: 799-816.—Knab, P. Ein Beitrag zur Gingivitis hypertrophica. Deut. Mschr. Zahnh., 1928, 46: 350-2.—Matras, A. Ueber tumorartige Wucherungen der Gingiva (Fibromatosis gingivae und Gingivitis hypertrophica) Arch. Derm. Syph., Berl., 1932, 165: 565-76.—Mirra, F. Su di un caso di gengivite cronica ipertrofica. Ann. Clin. odont., Roma, 1934, 11: 875-83.—Monash, S. Proliferative gingivitis of pregnancy. Dent. Items, 1926, 48: 500-19. Also Surg. Gyn. Obst., 1926, 42: 794-802. Also Arch. Derm. Syph., Chic., 1931, 24: 580-6. Also repr.—Monier, L. Gingivitis hypertrophica: a report of 2 cases. Am. Dent. Surgeon, 1927, 47: 273.—Saraval, U. Gingivite fongueuse, épulis et leurs rapports. Rev. stomat., Par., 1927, 24: 686-90.—Schroff, J. The histopathology of hypertrophic gingivitis. Dent. Items, 1926, 48: 574-8.—Stillman, P. R. The histopathology of hypertrophic gingivitis. Ibid., 358-62.—Tempestini, O. Gengivite ipertrofica da disormonismo, sintomo patologico di pubertà. Stomatologia, Mod., 1932, 30: 723.—Woodburne, A. R., & Northrop, P. Streptococci hypertrophic gingivitis. Arch. Derm. Syph., Chic., 1934, 29: 422-6.—Ziskin, D. E. Hypertrophic gingivitis: case report. Am. J. Orthodont., 1939, 25: 290-6.—Zona, A. Sull'autoterapia nella gengivite ipertrofica. Ann. Clin. odont., Roma, 1933, 12: 1129-35. Also Stomatologia, Mod., 1936, 34: 117-26.

— Gingivitis, necrotic and ulcerous.

See also subheading Fusospirochetosis.

KORDEN, F. *Untersuchungen des Blutbildes bei Gingividen, unter besonderer Berücksichtigung der Gingivitis ulcerosa. 28p. 8° Münch., 1927.

WELGE, W. *Zur Behandlung der Gingivitis ulcerosa [Göttingen] 27p. 8° Hannover, 1925.

Best, E. S. Necrotic gingivitis. J. Lancet, 1933, 53: 303.—Cobe, H. M., & Grace, L. G. Ulceromembranous gingivitis. Dent. Cosmos, 1931, 73: 461-7.—Dezoteux, H. Quelques cas de gingivo-stomatite ulcéreuse d'origine dentaire, traités par le cyanure de mercure, en injections intra-veineuses. Rev. prat. mal. pays chauds, 1936, 16: 172-6.—Gottlieb, B. Die Dunlop-Methode zur Behandlung der diffusen Atrophie und der Gingivitis ulcerosa. Zschr. Stomat., 1928, 26: 20-31.—Lee, C. Deux cas de gingivostomatite ulcéro-membraneuse chez des albuminuriques. C. rend. Congr. dent. internat. (1900) 1901-3, 3. Congr., 3: 269-85.—Lukomsky, J. H. Neue Wege in der Therapie der ulzerösen Stomatogingividen. Zschr. Stomat., 1927, 25: 40-3.—Woods, S. H. Post-war acute ulcerative gingivitis. J. R. Army M. Corps, 1926, 47: 241-51.

— Gingivitis, Treatment.

DROLSHAGEN, P. *Die Anwendung des elektrischen Schnittes bei der Parodontitis marginalis. 28p. 8° Münster, 1935.

ESSELBORN, K. *Die Behandlung der Gingividen und Stomatitiden mit Salvysatum und ihre bisherige Therapie unter besonderer Berücksichtigung der Stomatitis ulcerosa. 52p. 8° Heidelberg, 1932.

GERHARDUS, H. *Klinische und histologische Untersuchungen über die Einwirkung rein mechanischer Behandlung bei unspezifischen Gingividen. 31p. 8° Bonn, 1932.

KUHLS, F. *Klinische Beobachtungen über die unterstützende Wirkung von Cebion-Gaben bei der Therapie von Zahnfleischentzündungen [Göttingen] 16p. 8° Bleicherode a. Harz, 1936.

LEHMANN, K. *Ueber die Wirkung von Medikamenten bei der Behandlung von Zahnfleischentzündungen [Greifswald] 27p. 21cm. Lengrich i. W., 1937.

LEIFHEIT, K. *Die therapeutische Anwendung von C-Vitaminpräparaten bei Gingivitis und Stomatitis [Halle-Wittenberg] 27p. 8° Bleicherode-H., 1936.

MATZKE, F. W. *Ueber die Behandlung von Gingividen und Stomatitiden mit L. P. C. Pyocid [Kiel] 23p. 8° Karlsruhe, 1934.

PELLKOFER, J. *Perkutane Behandlung der Gingivitis ulcerosa mit Dermaprotin. 32p. 8° Tüb., 1930.

REZNIK, L. *L'autovaccination dans le traitement des entéropathies microbiennes ac-

compagnies de lésions inflammatoires de la région gingivo-dentaire. 63p. 8° Par., 1935.

SCHNEIDER, W. *Unsere Erfahrungen mit Neo-Pyocyanase bei der Behandlung von Zahnfleischentzündungen. 24p. 8° Marb., 1935.

Battistini, G. Il solfoeianuro di potassio nella terapia delle gengiviti in generale. *Glor. med. prat.*, 1934, 16: 153-61.—**Bergman, S., & Gedda, E.** [Suppression of parodontitis and gingivitis by increased supply of vitamine C.] *Tskr. mil. hälsov.*, 1936, 61: 114-20.—**Berlin, G. D., & Fried, P. B.** [Comparative evaluation of the methods of treatment of non-specific gingivitis and stomatitis] *Stomatologia, Moskva*, 1939, No. 4, 30-4.—**Cobe, H. M.** Gingivitis: chemotherapeutic aid in the diagnosis and treatment; preliminary report. *J. Lab. Clin. M.*, 1932, 17: 437-42.—**Ellis, G. R.** Gingivitis and its treatment. *Brit. J. Dent. Sc.*, 1926, 69: 78; 115.—**Fish, E. W.** Parodontal disease: the pathology and treatment of chronic gingivitis. *Austral. J. Dent.*, 1936, 40: 235-50.—**Fourquet, E.** La vaccinotherapie, associée au traitement médico-chirurgical des infections buccales d'origine gingivoalvéolaire. *Rev. odont.*, Par., 1939, 61: 167-82.—**Hanke, M. T., Needels, M. S.** [et al.] Nutritional studies on children; the effect upon gingivitis of adding orange and lemon juice to the diet. *Dent. Cosmos*, 1933, 75: 570-80, 6 pl.—**Henry, C. B.** Treatment of fusospirochyl infection of the gums. *Brit. M. J.*, 1936, 1: 1104-7.—**Kolmer, J. A.** The chemotherapy of gingivitis. *Dent. Cosmos*, 1926, 68: 354-69.—**Kovarsky, G. I., & Kopelman, S. L.** [Roentgenotherapy in inflammatory odontogenic diseases of the gums] *Odont. stomat.*, Moskva, 1929, 7: 16-30.—**Lucke.** Prophylaxe und Therapie von Gingividen und Stomatitiden unter besonderer Berücksichtigung des ehlorösen Kalis. *Derm. Wschr.*, 1926, 82: 712-4.—**Molnár, L.** Zur Behandlung der Gingivitis gravidarum. *Zschr. Stomat.*, 1939, 37: 468-72.—**Moutier, F., Vincent, R., & Prétet, H.** Étude et traitement de l'infection bactérienne gingivale; technique, indications, résultats dans les toxo-infections éloignées. *Presse méd.*, 1932, 40: 1158-60.—**Nordenmark, W.** Simultaneous investigations into gingivitis and the strength of the capillaries in children; results of treatment of subnormal capillary strength with ascorbic acid. *Skand. Arch. Physiol.*, Berl., 1934, 70: 186-91.—**Oldfield, S. K.** A saner approach to Vincent's infection of the gums. *J. Canad. Dent. Ass.*, 1936, 2: 538-40.—**Papa, N.** L'azione del solfo-reinoleato di sodio sulla gengivite cronica, latente, al controllo istologico e batteriologico. *Stomatologia, Mod.*, 1938, 36: 131-66.—**Pritchard, G. B.** Some notes on the origin and prevention of gingivitis. *Proc. R. Soc. M., Lond.*, 1928-29, 22: Sect. Odont., 23-31.—**—** The treatment of gingivitis. *Med. Press & Circ.*, Dub., 1933, 135: 29-31.—**Roff, F. S., & Glazebrook, A. J.** The therapeutic use of vitamin C in gingivitis of adolescents. *Brit. Dent. J.*, 1940, 68: 135-41.—**Schwab, A.** Contribution à l'étude de l'action thérapeutique de la vitamine C dans les gingivites et les parodontoses. *Schweiz. Mschr. Zahn.*, 1939, 49: 1123-62, pl.—**Thibault, R. C.** La vaccinotherapie dans les infections d'origine gingivo-dentaire. *Paris méd.*, 1931, 82: 232-4.—**Thompson, W. E., jr.** Some observations on Kelly's method of treating gingivitis. *Dent. Cosmos*, 1932, 74: 1090.—**Tittle, F. S.** Gingivitis in children. *Illinois Dent. J.*, 1939, 8: 426-34.—**Torrens, R. G.** Gingivitis; its chemical causation and cure. *Brit. Dent. J.*, 1939, 67: 70-80.—**Unna, P. G.** Prophylaxe und Therapie von Gingividen und Stomatitiden unter besonderer Berücksichtigung des ehlorösen Kalis. *Derm. Wschr.*, 1926, 83: 1015-20.—**Wheatley, J.** The suitability of sodium reineolate to the treatment of acute gingivitis. *Guy's Hosp. Gaz.*, Lond., 1931, 45: 237-46.

Hemorrhage.

See also Hemorrhagic diathesis; Purpura; Tooth, Extraction.

FREYTAG, G. W. *Ueber Blutungen durch zahnärztliche Operationen und ihre Behandlung unter besonderer Berücksichtigung des Stryphons [Heidelberg] 43p. 8° Wien, 1931.

SCHLAFKE, E. *Zahnfleischblutungen. 32p. 22cm. Bonn, 1936.

THIERFELDER, M. *Ueber hartnäckige Zahnfleischblutungen bei erhöhter Blutungsbereitschaft und deren Behandlung. 26p. 8° Berl., 1934.

VOGGENBERGER, H. *Ueber die Aetiologie der Zahnfleischblutungen [München] 23p. 8° Düsseldorf, 1936.

WALLIES, B. *Ein Beitrag zur Behandlung unstillbarer parenchymatöser Zahnfleischblutungen [Berlin] 27p. 8° Frankf. a. M. [1935]

Bauer, A. Ueber Zahnfleischblutungen. *Zschr. Stomat.*, 1932, 30: 449-55.—**Blustein, S.** Dental hemorrhage. *Dent. Items*, 1934, 56: 669-73.—**Davis, W. R.** Bleeding gums (the pink tooth brush) *Michigan Pub. Health*, 1933, 21: 229-31.—**Ehmann, J.** [Role and importance of Roentgen rays in treat-

ment of hemorrhages] *Orv. hetil.*, 1937, 81: mell., 111.—**Epstein, E.** Zahnfleisch- und Gewebsblutungen bei einem Falle von konstanter, sehr hochgradiger Thrombozytenvermehrung mit suberythraemischem Blutbefunde. *Zschr. Stomat.*, 1929, 27: 374-7.—**Epstein, I. A.** The significance of gingival hemorrhage. *J. Am. Dent. Ass.*, 1931, 18: 1659-67.—**Grosse, V. F., & Lavrinovich, V. M.** [Stomatologic importance of hemorrhage of the gums in pulmonary tuberculosis] *Odont. stomat.*, Moskva, 1929, 7: 29-34.—**Hauer, A.** Ueber schwerstillbare Blutungen infolge unregelmässiger Blutzusammensetzung. *Zschr. Stomat.*, 1929, 27: 370-3.—**Joachim.** L'acide ascorbique dans le traitement des hémorragies gingivales. *J. dent. belge*, 1937, 28: 233-49.—**Marzullo, E. R.** Bleeding gums. *N. York J. Dent.*, 1934, 4: 278-81.—**Pelzer, R. H.** Report of a study on the etiology of bleeding gums. *J. Periodont.*, 1938, 9: 25-39.—**Pont, A.** Les hémorragies gingivo-dentaires post-opératoires au point de vue médico-légal. *Rev. odont.*, Par., 1937, 57: 10-1.—**Schmidt, H. R.** Menstruation, Schwangerschaft und Zahnfleischblutungen. *Vjschr. Zahn.*, 1927, 43: 435-45.—**Walsh, A. L.** Treatment of persistent haemorrhage from a socket. *J. Canad. Dent. Ass.*, 1936, 2: 492.

Histology.

EICKEN, E. *Histo-topochemische Untersuchungen am Zahnfleisch unter Anwendung der Schnittveraschung [Frankfurt] 40p. 8° Berl., 1931.

Also *Paradentium*, Berl., 1932, 4: 72; 89.

GEIGER, W. *Ueber das Verhalten der elastischen Fasern in Lippen- und Zahnfleisch bei fortschreitendem Lebensalter [Erlangen] 21p. 8° Frochheim, 1930.

HENDRICKS, R. *Ueber den Makrophagengehalt des Zahnfleisches in verschiedenen Lebensaltern [Tübingen] 20p. 8° Düsseldorf, 1936.

KARST, L. *Ueber den Zellgehalt des Zahnfleisches in verschiedenen Lebensaltern und dessen Verhältnis zum Zustand des Gesamtgebisses [Tübingen] 15p. 8° Lengerich-W., 1937.

Bödecker, C. F., & Cahn, L. R. The histology and function of the gingiva. *Dent. Items*, 1931, 53: 94-104.—**Gagliardi, A.** Il comportamento del reticolo precollageneo nel tessuto gengivale e relativi reperti istologici. *Stomatologia, Mod.*, 1938, 36: 511-44.—**Hodge, H. C.** Gingival tissue lipids. *J. Biol. Chem.*, 1933, 101: 55-61. Also repr.—**Mori, R.** Il reticolo nella gingiva. *Stomatologia, Mod.*, 1930, 28: 655-8.—**—** Connettivo, epitelo e vasi intrapiteliali nella gingiva normale o patologica. *Ann. Clin. odont.*, Roma, 1931, 8: 124-46.—**Ruggieri, E.** Sulla sopravvivenza dei leucociti delle gengive in condizioni normali e patologiche. *Stomatologia, Mod.*, 1928, 36: 803-11.—**Todoaro, F.** Osservazioni sulla presenza e sulle variazioni delle Mastzellen nella gingiva con dente sano e con dente cariato. *Ann. Clin. odont.*, Roma, 1938, 15: 660-5.

Injury.

See also *Paradentium*, Injury; Toothbrush.

Amin Maher. Gingival integrity and its importance. *J. Egypt. M. Ass.*, 1939, 22: 643-7.—**Kronenfels, G.** Eine Verletzung mit der Separierscheibe. *Zschr. Stomat.*, 1929, 27: 180-2.—**Thoma, K. H.** Dilantin hyperplasia of the gingivae. *Am. J. Orthodont.*, 1940, 26: 394-6.

Innervation.

SUSSMANN, H. *Experimentelle Untersuchungen über die Lokalisation der Druck- und Sticheempfindungen am Zahnfleisch. 30p. 8° Bonn, 1930.

Bergamini, M. Studio sull'innervazione della gengiva. *Stomatologia, Mod.*, 1931, 29: 537-9.—**Dieck, W., & Fujita, T.** Die Nerven der Kiefer und des Zahnfleisches beim Menschen mit Vergleichsuntersuchung der Verhältnisse beim Hunde. *Morph. Jahrb.*, 1935, 76: 570-88.—**Hosaka, T.** Untersuchungen über die Innervation des menschlichen Zahnfleisches, mit besonderem Rücksicht auf die Morphologie der Nervenendigungen bei normalen sowie bei pathologischen Zuständen, ergänzt durch Nachprüfungen mit Tierversuchen. *J. Orient. M., Dairen*, 1936, 24: 15.—**—** Die Innervation, insbesondere die Nervenendigungen des normalen, menschlichen Zahnfleisches. *Ibid.*, 41: 63.—**Kadanoff, D.** Die Innervation des Zahnfleisches beim Menschen. *Zschr. Zellforsch.*, 1927-28, 6: 637-46.—**Kokubun, S.** Ueber die Nervenversorgung des menschlichen Zahnfleisches. *Deut. Mschr. Zahn.*, 1929, 47: 881-92.—**Lewinsky, W., & Stewart, T.** The innervation of the human gum. *J. Anat.*, Lond., 1937-38, 72: 531-4, 2 pl.—**—** The innervation of the gum of *Talpa europaea*. *Ibid.*, 1939-40, 74: 53-6, pl.—**—** A comparative study of the innervation of the gum. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Odont., 1054-62. Also *Dent. Rec.*, Lond., 1940, 60: 149-58.—**Mowry, D. P.** Innervation of the gingivae. *J. Am. Dent. Ass.*, 1930, 17: 1050-9.

— Keratosis.

WOLPE, P. *Ueber Verhornungserscheinungen am Zahnfleischepithel [Frankfurt] 12p. 8°. Berl., 1927.

Also Deut. Mschr. Zahnhe., 1927, 45:

Orban, B. Hornification of the gums. J. Am. Dent. Ass., 1930, 17: 1977-95. Also Zschr. ges. Anat., 1. Abt., 1931, 94: 459-73.

— Massage.

Ackerman, D. M. Gum massaging implement. U. S. Patent Off., 1940, No. 2,196,284.—Clarren, H. Massaging device for gums. Ibid., 1937, No. 2,083,595.—Flanders, F. L., & McGerry, J. J. Gum massaging device. Ibid., 1940, No. 2,193,249.—Grout, H., & Lemley, Z. Gum massager. Ibid., 1939, No. 2,172,998.—Love, E. O., & Molitor, E. J. Gum massager. Ibid., No. 2,176,309.—Wright, C. M. Gingival massage. Dent. Rev., 1908, 22: 1027-31.

— Mycosis.

Cahn, L. R. Notes on further histo-clinical studies of fungus infestation of the gum. Dent. Cosmos, 1932, 74: 1073-6.—Crich, A. Blastomycosis of the gingiva and jaw. Canad. M. Ass. J., 1932, 26: 662-5. Also Dent. Cosmos, 1932, 74: 572-7.—Tratman, E. K. Blastomycotic infection of gum. Brit. Dent. J., 1939, 67: 501-3.

— Surgery.

See also subheading Excision.

Bödecker, C. F., & Lefkowitz, W. Gingival reattachment to the enamel and its relation to operative dentistry. Dent. Cosmos, 1935, 77: 1106-14.—Claoué, C. Les brides vestibulo-alvéolaires; leur destruction par la reconstruction plastique du sillon gingivo-jugo-labial. Bull. Soc. méd. Paris, 1938, 523-8. Also J. prat., Par., 1940, 54: 95. Also Otorhinolar. internat., Lyon, 1940, 24: 41-5.—Kaiser, F. Gingival dissection. Pacific Dent. Gaz., 1933, 41: 822-4.

GINGOLD, Basia, 1903—*Graphologie der Kinderschrift im Spieclalter [Bonn] 17p. 7 pl. 8°. Lpz., Haag-Drugulin, 1929.

GINGOLD, Jacques, 1906—*Des sutures en général et de celles de la peau en particulier. 92p. 8°. Par., N. Maloinc, 1931.

GINGRASS, Rudolph Peter, 1901—*Oral sepsis [Marquette Univ.] 46p. 8°. Wauwatosa, Wis., 1932.
Typewritten.

GINI, Corrado. Trattato elementare di statistica. v.3. 464p. 24cm. Milano, A. Giuffrè, 1934.

GINKGOALES.

See also Dermatitis, venenata: Causes: Plants.

Griebel, C. Beiträge zur Kenntnis der Ginkgosamen. Deut. Apoth. Ztg, 1939, 54: 603-8.—Nishioka, S. Ueber das Fettöl von Ginkgosamen und seine unverseifbaren Teile. Okayama igakkai zasshi, 1937, 49: 971.—Saito, J. Klinische und experimentelle Untersuchung der durch Ginkgofrucht verursachten Dermatitis und ihrer hautreizenden Bestandteile. Tohoku J. Exp. M., 1930, 16: 385-412. — Pharmacologische Untersuchung des Ginkgo gifts, des Dermatitisreggers in Ginkgo biloba L. Ibid., 413-23.

GINs, H[einrich] A[lexander] 1883—Der Pockenschutz des deutschen Volkes; ein kurzer Leitfaden zur Pocken- und Inpfrage für Aerzte, Medizinalbeamte und Studierende. 3 p. l. 169p. 3 pl. 8°. Berl., R. Schoetz, 1917.

— Ueber aktive Immunisierung. 38p. 8°. Berl., H. Kornfeld, 1929.
Forms H. 399, v.36, Berl. Klin.

— Einführung in die Bakteriologie (für Zahnärzte und Studierende der Zahnheilkunde) 233p. illust. pl. 8°. Münch., J. F. Lehmann, 1933.

— Beiträge zur Pathogenese und Epidemiologie der Infektionskrankheiten. 127p. illust. 8°. Lpz., G. Thieme, 1935.

GINSBOURG, B.

See Weinberg, M., & Ginsbourg, B. Données récentes sur les microbes anaérobies et leur rôle en pathologie. 444p. 8°. Par., 1927.

GINSBURG, Benjamin, 1886—

See Adler, Alfred. Guiding the child on the principles of individual psychology. 268p. 8°. N. Y. [1930]

GINSBURG, F. Das russische Kindersterben. 62p. illust. 8°. Berl., Verl. Sozialwiss., 1922.

GINSBURG, Isaac. Review of the seahorses (Hippocampus) found on the coasts of the American continents and of Europe. p.497-594. 18 figs. 5 tab. 8°. Wash., 1937.

Forms No. 2,997, v.83, Proc. U. S. Nat. Mus.

— Two new boboid fishes collected on the Presidential Cruise of 1938. 5p. 8°. Wash., 1939.

Forms v.98, No. 14, Smithson. Misc. Collect.

GINSBURG, Josif. The hygiene of youth and beauty. 192p. 32 pl. 8°. Los Ang., Youth & Beauty Pub. Co., 1926.

GINSBURG (Leib) Léon. *Contribution à l'étude des épidémies de grippe depuis la guerre. 48p. 8°. Par., M. Vigné, 1929.

GINSENG.

See Panax.

GINZBERG, Rafael, 1895—*Betrachtungen über das Encephalogramm bei progressiver Paralyse und paralyseverdächtigen syphilitischen Hirnerkrankungen [Jena] p.711-72. 8°. Berl., J. Springer, 1930.
Also Arch. Psychiat., Berl., 1929-30, 89:

GINZBERG [vel Ginsberg] Wolf Mayer, 1906—*Contribution à l'étude des tumeurs bénignes kystiques de la lèvre inférieure. 39p. 8°. Par., Press. Modernes, 1935.

GINZBURG, Benjamin. The scientific value of the Copernican induction. p.303-13. 8°. Bruges, S. Catherine Press, 1936.
In Osiris, Bruges, 1936, 1:

GIOIA Planet, Jandyra. *Tentativa de dissociação de Neisseria intracellulária (estudo experimental) 56p. 2 pl. 13 ch. 8°. S. Paulo [n. pub.] 1932.

GIOIA Planet, Nelson. *Permeabilidade muscular, phosphoro e creatina. 30p. 8°. S. Paulo, [n. pub.] 1931.

GION, Otto, 1899—*Zur Therapie der Streptokokkenmastitis [Giessen] 100p. 8°. Markt Grafing, H. Hauser, 1932.

GIORDAN, Paul, 1907—*L'anesthésie de base au tribromoéthanol. 106p. 8°. Par., 1932.

GIORDANO, Alfonso. Le disencefalie; sindrome anencefalica, arinencefalica e ciclopica, encefalocoele, malattia di v. Hippel-Lindau, pseudodisencefalie. 198p. illust. 24½cm. Bari, G. Laterza & figli, 1939.

GIORDANO, Anthony J., 1897-1935.

Obituary. Tr. Am. Acad. Ophth. Otol., 1935, 40: 474.

GIORDANO, Armando. Le lesioni articolari da traumi di guerra, e le anchilosi consecutive dal punto di vista della cura. 70p. 8°. Capua, Tipogr. Sparta Avezzano, 1917.

— Sulla coxite con speciale riguardo alla sintomatologia e alla cura. 2 p. l. 52p. 8°. Caserta, Premiato Stabilimento Tipogr. Soc., 1918.

GIORDANO, Davide, 1864-1937. Leonardo Fioravanti, Bolognese. 77p. 8°. Bologna, L. Cappelli [1919]

— Scritti e discorsi pertinenti alla storia della medicina e ad argomenti diversi. x p. 630p. illust. portr. roy. 8°. Milano, Riv. Ter. Mod. [1930]

— La chirurgia del medico pratico. xv, 413p. illust. roy. 8°. Tor., Minerva Med., 1937.

For biography see Alcmeone, N. Y., 1939, 1: No. 3, 10-6, portr. (G. P. Arcieri) Also Athena, Roma, 1937, 6: 194, portr.

GIORDANO, Mario.

Editor of *Franchini, Giuseppe. Patologia tropicale* [&c.] 538p. 8°. Bologna [1929]

See also *Franchini, Giuseppe, & Giordano, Mario. Patologia e parasitologia dei paesi caldi.* 927p. roy. 8°. Mod. [1934]

GIORDANO, Salvatore. *A symposium on the determination of cardiac reserve [All Souls Hosp.] 9p. 28cm. [Morristown, N. J.] 1940. Typewritten.

GIORGACOPULO, Demetrio. *Le varici.* 130, 1p. 8°. Bologna, L. Cappelli [1936]

GIORGI, Antoine, 1899- *Le traitement abortif des phlegmons péri-amygdaliens par l'injection in situ d'argent colloïdal. 67p. 8°. Par., M. Lac, 1930.

GIORNALE del medico pratico. Nap., v.8, 1926-

GIORNALE di batteriologia e immunologia. Tor., v.1, 1926-

GIORNALE di biologia applicata alla industria chimica ed alimentare. Bologna, v.1-4, 1931-34. Continued as *Giornale de biologia industriale, agraria ed alimentare.* Bologna.

GIORNALE di biologia industriale, agraria ed alimentare. Bologna, v.5-7, 1935-37.

GIORNALE di biologia e medicina sperimentale. Tor., v.2, 1925.

GIORNALE di clinica medica. Parma, v.7, 1926-

GIORNALE di farmacia, di chimica e di scienze affini. Tor. v.13-24, 1864-75; v.52-57, 1903-08.

GIORNALE di farmacia; rivista mensile di chimica, farmacia, bromatologia ed igiene. Trieste, v.1-8, 1896-1903.

GIORNALE di medicina militare. Roma, v.74, 1926-

See also *Tre quarti di secolo di vita del nostro giornale.* *Gior. med. mil.*, 1927, 75: 1-23.

GIORNALE di medicina veterinaria. Tor., v.68-79, 1919-30.

GIORNALE di oculistica. Nap., v.7-12, 1926-31.

GIORNALE di psichiatria clinica e tecnica manicomiale.

See *Giornale di psichiatria e di neuropatologia.*

GIORNALE di psichiatria e di neuropatologia. Ferrara, v.59, 1931-

GIORNALE di terapia oftalmologica. Nap., v.13-15, 1932-34.

Ceased publication.

GIORNALE (II) di fisiologia. Nap., v.1, 1924-

GIORNALE italiano di anestesia e di analgesia. Tor., v.1, 1935-

GIORNALE italiano di clinica tropicale. Nap., v.1, 1937.

GIORNALE italiano di dermatologia e sifilologia. Milano, v.67, 1926-

GIORNALE italiano di malattie esotiche e tropicali ed igiene coloniale. Tor., v.1, 1928-

GIORNALE medico dell'Alto Adige. Padova, v.1-5, 1929-33.

GIORNALE veneto di scienze mediche; giornale medico dell'Ospedale civile de Venezia. Venezia, v.13, No. 1, 1939-

GIOVANNETTI, Cécile, 1912- *Les avortements à l'Hôpital Lariboisière (1927-37) (statistique) 63p. 8°. Par., L. Rodstein, 1937.

GIOVANNI, Viviani. *L'Ospedale militare di riserva di Crema 1915-19.* 36, 8p. illust. 8°. Crema, V. Moretti, 1920.

GIOVANNINI, Werner, 1903- *Ischämische Muskelkontraktur bei einem alten Manne als Spätkomplikation nach Gefäßverletzung [Münster] 20p. 8°. Quakenbrück, R. Kleinert, 1931.

GIOVANNOLA, Arnaldo, 1910-39.

Corradetti, A. [Necrologia] Riv. parassit., 1939, 3: 345-9, portr.

GIOVANNOLA, Camille. *Contribution à l'étude de la thyroïdite chronique. 40p. 3 pl. 8°. Lausanne, Impr. Borgeaud, 1930.

GIOVE Deacon, L. José. *Glucidurias espontaneas del embarazo y puerperio [Chile] 88p. 26½cm. Nuñoa, Impr. Jeneral Diaz, 1938.

GIOVIO, Paolo, 1483-1552.

Capparoni, P. [Biography] In his Profili biobibl. med., Roma, 1928, 2: 25-8, portr.

GIPSY.

See *Gypsy.*

GIRAFFE.

See also *Ruminants.*

LAUFER, B. The giraffe in history and art. 110p. 8°. Chic., 1928.

Giraffe (The) some notes upon the natural characters of this animal and upon its care and its misfortunes. *Rep. Penrose Res. Lab.*, 1938, 35-67.

GIRALDES' organ.

See *Paradidymis.*

GIRARD, Albert Eugène Auguste Marie, 1898- *Les égagropiles du tube digestif chez l'homme, leur diagnostic clinique et radiologique. 63p. 8°. Par., Rol-Rig, 1925.

GIRARD, Alfred Conrad, 1841-1914. A sketch of the official career of Colonel Edward Perry Vollum, Chief medical purveyor, U. S. Army (retired) 18p. 19½cm. [N. Y., n. pub., 1891]

For biography see *Army M. Bull.*, 1939, 49: 85-7 (J. M. Phalen)

GIRARD, Charles, 1850-1916. *De l'influence de l'érysipèle sur le développement de la pyémie [Berne] 39p. 8°. Strash., E. Hubert & E. Haberer, 1872.

GIRARD, Charles, 1907- *Etude sur l'hérédité des tumeurs malignes. 52p. 8°. Par., M. Vigné, 1934.

GIRARD, Emile, 1908- *Les pyloro-antrites chroniques; études des indications chirurgicales. 104p. 8°. Par., Jouve & cie, 1937.

GIRARD, Emmanuel. *Contribution à l'étude de la Flore mycologique du département de la Côte-d'or [Strasbourg] 240p. 8°. Gap, Impr. Jean, 1933.

GIRARD, Henri, 1910- *Contribution à l'étude expérimentale et clinique des glucosides de *Digitalis lanata*. 86p. 8°. Par., Impr. Pub., 1937.

GIRARD, Henry, 1912- *Etude sur le moyen de détecter les radiations animales. 100p. 8°. Lyon, Bosc frères, 1935.

GIRARD, Leo. *Ueber die Infektion des Dentins bei Pulpagangraen und deren Behandlung mit Asphalin [Basel] 24p. 8°. Laupen [n. pub.] 1928.

GIRARD, Louis, 1911- *La psychopathologie du témoins; étude expérimentale de sa valeur chez l'enfant. 77p. 8°. Par., E. Le François, 1937.

GIRARD, Marcel, 1908- *Contribution à l'étude clinique des leptoménigites basses. 172p. 8°. Lyon, Bosc frères, 1935.

● **GIRARD, Marcel, 1910-** *Contribution à l'étude du traitement chirurgical des cholestyrites aiguës. 92p. 8°. Par., Vigot frères, 1937.

GIRARD, Nelly, 1903- *Le traitement de l'obésité à Brides-les Bains. 45p. 8°. Par., C. Serre, 1932.

GIRARD, Paul Louis Robert, 1897- *Sur un cas de phlegmon du ligament large fistulisé dans la partie droite du gros intestin. 46p. 8°. Par., A. Legrand, 1928.

GIRARD, Percy Merritt, 1898- The home treatment of spastic paralysis. xviii, 130p. illust. pl. 8°. Phila., J. B. Lippincott Co. [1937]

GIRARD, Pierre Marie Camille, 1908 *Statistiques de 18 années de lutte antisyphilitique au dispensaire anti-vénérien d'Angers (1918-35) [Paris] 90p. 8°. Angers, Philippeau & Loiseau, 1936.

GIRARD, Raymond, 1910- *Contribution à l'étude de l'histoire de l'hygiène en France. 122p. 8°. Par., Press. Modern., 1936.

GIRARD, Raymond Joannes Marius, 1910- *Contribution à l'étude de la salpingite après accouchement, et en particulier de la salpingite droite, se révélant par une douleur en point de MacBurney. 45p. 8°. Par., Boissart & Couraud, 1936.

GIRARD, René Georges, 1914- *A propos d'un fibromyome vésical; technique d'ablation chez la femme. 31p. 23½cm. Par., A. Lapiéd, 1939.

GIRARD, Rosan, 1913- *Rupture sous-cutanée traumatique des muscles larges de la paroi abdominale. 86p. 8°. Par., Jouve & cie, 1937.

GIRARD, Yves, 1914- *La préservation de la peste par les vaccins vivants. 84p. 23½cm. Par., A. Lapiéd, 1939.

GIRARDEAU, Madeleine, 1893- *Résultats du contrôle de l'hygiène dans des familles observées au dispensaire de l'école de puériculture étude portant sur 10 années. 73p. 8°. Par., A. Legrand, 1932.

GIRARDET, Edmond. *Contribution à l'étude du traitement du cancer du sein. 27p. 8°. Lausanne, A. Jaccard, 1936.

GIRARDET, Maurice. *Contribution à l'étude des résultats du traitement des fractures diaphysaires des membres inférieurs. 25p. 8°. Lausanne, C. Pache, 1933.

GIRARDET, Oscar E. Eritropoiesis hepática y pre-hepática (experimentación) 39p. illust. 23cm. Córdoba, Univ. nac. Córdoba, 1937.

GIRARDI, Piero. Il sondaggio duodenale nella diagnosi e nella terapia. 183p. illust. 8°. Tor., Ed. Minerva Med. 1931.

— Malattie dell'apparato digerente ed elementi di dietetica. iv, 626p. illust. 8°. Tor., Unione Tipogr., 1932.

GIRARDOT, Roger Eugène, 1908- *Epistaxis et collapsus cardio-vasculaire. 64p. 24cm. Par., Maloine, 1939.

GIRARD-TISNES, Yvette, 1913- *Interposition hépato-diaphragmatique du tractus pyloro-duodénal. 60p. 8°. Par., Libr. Le François, 1938.

GIRAUD, Albert, 1890-1934. Courcoux, A. Nécrologie. Presse méd., 1934, 42: 1781.— Lereboullet, P. Allocution à propos du décès de M. Albert Giraud. Rev. tuberc., Par., 1935, 5. ser., 1: 48.

GIRAUD, Antoine, 1883- Qu'est-ce que la névrose? 91p. 12°. Par., G. Ficker, 1919.

GIRAUD, Edouard, 1902- *Contribution à l'étude de la tension veineuse; étude critique des différentes méthodes de mesure. 71p. 8°. Par., A. Legrand, 1928.

GIRAUD, Gaston. L'hypotension artérielle dans les maladies chroniques. 259p. 8°. Par., Masson & cie, 1931.

See also Delmas, P., Giraud, C. [et al.] L'examen du malade. 318p. 8°. Par., 1935.

GIRAUD, Georges Jean Louis, 1909- *Les spasmes duodénaux dans l'appendicite chronique et les inflammations du colon droit. 88p. 8°. Par., Jouve & cie, 1935.

GIRAUD, Henry, 1915- *Contribution à l'étude de la parathyphoïde B; une épidémie dans un bourg du Poitou: Champdeniers, septembre-octobre 1937 [Paris] 51p. ch. 24cm. Niort, S. Denis, 1939.

GIRAUD, Jean Charles, 1906- *Contribution à l'étude audiométrique de la conduction osseuse dans l'examen de l'audition; problème de l'assourdissement. 146p. 24cm. Par., E. Le François, 1939.

GIRAUD, L. De la révision en matière d'accidents du travail portant sur l'appareil de la vision. 119p. 12°. Par., A. Michalon, 1906.

GIRAUD, Louis François Laurent, 1902- *Contribution à l'étude des rétrécissements congénitaux du cordon ombilical. 58p. 3 pl. 8°. Par., L. Arnette, 1928.

GIRAUD, Lucien Claude, 1905- *Etude comparative des sels d'or solubles et insolubles dans le traitement de la tuberculose pulmonaire. 55p. 8°. Par., Jouve & cie, 1934.

GIRAUD, Nicolas, 1897- *L'ozène; essais thérapeutiques basés sur la conception pathogénique actuelle. 103p. 24cm. Par., L. Cario, 1939.

GIRAUD, Paul, 1910- *Considération, technique, résultats de l'application de la chimiothérapie dans l'infection puerpérale au Centre obstétrical de Saint-Germain-en-Laye. 36p. 24cm. Par., Maloine, 1939.

GIRAUD, Paul Louis, 1897- Le kala-azar infantile. 2 p. l. 79p. illust. pl. diagrs. roy. 8°. Par., G. Doin, 1933.
Forms Fasc. La pratique médicale illustrée (Sergent, E., et al.)

GIRAUD, Paul Pierre, 1915- *Contribution à l'étude de la spirochétose ictérohémorragique, maladie professionnelle. 71p. 24cm. Par., J. Haumont, 1939.

GIRAUD, Raymond, 1911- *Les sigmoidites chirurgicales et leur traitement. 71p. 8°. Lyon, Bosc frères, 1935.

GIRAUD, René, 1897- *Radiothérapie surrénale et métabolisme de base; résultats dans la maladie de Basedow. 62p. 8°. Par., Press. Modern., 1934.

GIRAUD, Victor, 1868- Saint Vincent de Paul. 205p. 8°. [Par.] E. Flammarion [1932]

GIRAudeau, Robert. See Meyer, Jean, Saidman, Jean, & Giraudeau, Robert. Précis de physiothérapie et de petite chirurgie dermatologiques. 200p. 8°. Par., 1931.

GIRAUDOUX, Jean Marie, 1909- *Contribution à l'étude des encéphalites morbilleuses. 102p. 8°. Par., 1935, L. Arnett, 1935.

GIRAULD, André, 1915- *Le danger oxycarboné en temps de guerre. 26p. 24cm. Par., Croutzet & Depost, 1939.

GIRAULT, Louis, 1911- *Contribution à l'étude du rôle du service santé militaire; conquête de l'Algérie 1830-47. 106p. 8°. Par., Vigot frères, 1937.

GIRAULT-DANGELY, Yves, 1909- *Considérations sur les atrophies de l'iris; aspect biomicroscopique et essai de classification. 77p. pl. 8°. Par., M. Vigné, 1936.

GIRAUX, Georges Louis, 1909- *Considérations critiques sur le traitement du coma barbiturique. 44p. 8°. Par., Impr. Saint-Pierre, 1938.

GIRDLE.

See also **Bandage**; **Corset**; **Support**; also under names of diseases as **Enteroptosis**; **Gastroenteroptosis**, &c.; also **Chastity**.

De Bruyne, L. Encore des ceintures antiptotiques. *Rev. méd.*, Louvain, 1930, 93-5.—**Goedseels, L.** Ceintures antiptotiques. *Ibid.*, 21-3.—**Göhrum, H.** Ueber Leibbinden, ihre richtige Anfertigung und das richtige Anlegen. *Hippokrates*, Stuttg., 1935, 6: 557-62.—**Kaufmann, W.** Lässt sich die Senkung der Eingeweide und insbesondere des Magens durch eine Leibbinde ausgleichen? (wie muss eine solche Leibbinde beschaffen sein und getragen werden?) *Arch. Verdauungskr.*, 1937, 61: 39-49.—**Klett, O.** Gedanken und Richtlinien zur Verordnung von Leibbinden. *Vertrauensarzt*, 1937, 5: 102.—**Requirements** for advertising of abdominal belts, corsets, and special supports. *J. Am. M. Ass.*, 1934, 103: 1946.—**Smarr, M. R.** Girdle. *U. S. Patent Off.*, 1939, No. 2,175,786.

GIRDLESTONE, Gathorne Robert, 1881—

A description of the national scheme for the welfare of cripple children. 56p. 21½cm. Brist., J. Wright & Sons, 1924.

In Care and cure of cripple children. Brist., 1924.

— The diagnosis and treatment of tuberculosis of the hip. x, 94p. 8° Lond., Oxford Univ. Press [1925]

— Tuberculosis of bone and joint. xii, 265p. illust. tab. 25cm. Lond., Oxford Univ. Press, 1940.

GIRE, Paul, 1911— *Un grand hôpital indigène au Maroc; l'Hôpital régional Cocard de Fez. 61p. 24½cm. Lyon, Impr. des Fac., 1937.

GIREAUX, Léon, 1907— *Contributions à l'étude des accidents rénaux au cours du traitement urique. 46p. 8° Par., A. Legrand, 1935.

GIREAUX, M. Raymond, 1909— *Le lait sec en diététique infantile [Paris] 75p. 8° Fontenay-aux-Roses, L. Belenand & cie, 1933.

GIREL, Georges. La roentgenthérapie des épithéliomas cutanés et cutanéomuqueux par la méthode du Dr J. Coste. 300p. 2 l. 8 pl. 8° Par., Masson & cie, 1926.

GIRET, Joseph, 1911— *Du traitement des tumeurs blanches médiotarsiennes de l'adulte. 124p. 24cm. Par., A. Legrand, 1939.

GIRET, Rose, 1909— *Les syndromes abdominaux d'origine pottique. 74p. 8° Par., Le François, 1938.

GIRETARAKIS.

See **Heterakis**.

GIREUD, Ernest Louis Augustin, 1909—

*Contribution à l'étude de l'iléostomie dans le traitement des occlusions intestinales après appendicectomie. 66p. 25cm. Bordeaux, Delmas, 1937.

GIRGENSOHN, Hans [Julius Georg] 1909—

*Die Entstehung der Sehnenflecke des Epikards; pathologisch-anatomische und experimentelle Untersuchungen [Leipzig] 32p. 8° Zeulenroda, A. Oberreuter, 1934.

GIRGIS, Abd el Missih, 1911— *La pseudo-sclérose type Westphal-Strümpell et sa séméiologie objective [Lyon] 246p. 2 pl. 25cm. Trévoux, G. Patissier, 1937.

GIRGIS, Adly. *Emploi de la formaldoxine pour le dosage colorimétrique du cuivre et du manganèse. 62p. 8° Strasb., Impr. Sostraliab, 1934.

GIRGIS, Gabriel, 1898— *Erkrankungen des Cholechochus. 24p. 8° Berl., E. Evering, 1928.

GIRGLA, Eduard, 1911— *Ein Beitrag zur Frage der Heredität des Diabetes mellitus. 15p. 21cm. Bresl., K. Klossok, 1937.

GIRL.

See **Child, female**; **Child, defective**; **Growth**; **Student**; **Woman**, &c.

GIRNDT [Joachim] Lothar, 1903— *Behandlungsmethoden veralteter, schlecht geheilter Frakturen und Pseudarthrosen. 36p. 8° Greifsw., J. Abel, 1930.

GIROD, Lucien, 1897— *La sténose pylorique par calculs biliaires. 67p. 8° Par., O. Doin 1925.

GIROD, Paul, 1905— *Contribution à l'étude des infections focales [Paris] 36p. 8° Pontarlier, A. Girod, 1931.

GIROD, Raymond, 1913— *Essais de séro-anatoxithérapie antidiphthérique chez l'enfant. 54p. 24½cm. Par., M. Vigné, 1939.

GIROD, Renée. *L'influence de l'arsenic dans la production des tumeurs. 48p. 3 pl. 8° Genève, J. Guerry, 1927.

GIRODE, C.

See **Leveuf, Jacques Barthélémy, Girode, C.** [et al.] Traitement des fractures et luxations des membres. 464p. 8° Par., 1925. Also — Le traitement des fractures du col du fémur [&c.] 143p. 8° Par., 1927.

GIROLAMI, Francesco. *De analogia, quae inter cutem externam atque membranas internas quoad structuram, functiones et morbos existit, et summam in dignoscendis et curandis hominum morbis utilitatem porrigit. 24p. 21cm. Padova, Penada, 1839.

GIROLAMI, Giuseppe, 1809-78.

Castaldi, L. Una dimenticata opera di Giuseppe Girolami sui temperamenti. *Arch. ital. chir.*, 1938, 51: 112-22.

GIROLAMI, Mario. Malattie dei paesi tropicali e modi di prevenirle; nozioni pratiche di igiene e di medicina ad uso degli Italiani dimoranti nelle colonie. 4 p. l. 131p. 16cm. Fir., Nemi [1938]

GIRON, Jean, 1913— *De la phrenicectomie à la phréno-alcoolisation. 167p. 24½cm. Par., J. Peyronnet, 1939.

GIRON, Jules Marie Arsène, 1890— *Diagnostic radiologique des tumeurs médiastinales. 70p. 8° Par., Le François, 1930.

GIRONCOLI, F. de. Contributo alla chirurgia del rene e dell'uretere. 130p. pl. 8° Venez., Indust. Grafiche Veneziane, 1926.

GIRONE, Enzo. Essere vivi; enciclopedia della salute. 237p. 12 pl. 25cm. Milano, Ed. Medici Domus [1938]

GIROT, Lucien, 1893— *Etude critique des paraplégies spasmodiques syphilitiques; symptomatologie clinique—syndrome humoral diagnostique et traitement. 160p. 8° Par., O. Doin, 1925.

GIROT, René, 1909— *Les hématomes spontanés des grands droits de l'abdomen [Paris] 77p. 8° Amiens, Impr. Nouvelle, 1935.

GIROUD, Antoine, 1895— *Le chondriome; recherches sur sa constitution chimique et physique. p.145-252. 8° Par., Masson & cie, 1925.

Also *Arch. anat. micr.*, Par., 1925, 21:

— L'acide ascorbique dans la cellule et les tissus. vi, 187p. illust. 22½cm. Berl., Gehr. Borntraeger, 1938.

Forms Bd 16, Protoplasma-Monogr. (R. Chambers [et al.]

— & **LeBLOND, C. P.** L'acide ascorbique dans les tissus et sa détection. 47p. 6 pl. 25½cm. Par., Hermann & cie, 1936.

GIROUD, Paul, 1898— *Le rhume des foies; étude clinique expérimentale et thérapeutique. 108p. 8° Par., Vigot frères, 1926.

GIROUX, Daniel, 1911— *Examens médicaux systématiques dans certaines collectivités. 78p. 24cm. Strasb., Impr. Populaire Strasbourg, 1938.

GIROUX, Jean, 1904— *Contribution à l'étude de la symphyse pleurale; complication du pneumothorax artificiel chez l'enfant; son traitement par l'oléothorax. 137p. 2 pl. 8° Par., M. Vigné, 1930.

GIROUX, Léon, 1876–1934. Les rhumatismes aigus et leur traitement. p. l. 92p. 12° Par., J. B. Baillière & fils, 1923.

See also **Brin**, Louis, & **Gioux**, Léon. Syphilis du cœur [&c.] 229p. 8° Par., 1924.

For biography see Bull. Soc. méd. Paris, 1935, 22:

GIROUX, R[ené] & KISTHINIOS, N. Les extraits pancréatiques désinsulinés en thérapeutique. vii, 126p. 8° Par., Masson & cie, 1931.

GIRSAS, Aleksockis. *Die Operabilität und die Heilresultate der Schauta'schen erweiterten vaginalen Totalexstirpation bei Collumkarzinom (1917–29) [Basel] 24p. 8° Mulhouse, A. Knecht, 1932.

GIRTALLA, Mohamed, 1900— *Behandlung von Ischias und Lumbago. 47p. 8° Berl., E. Ebering, 1927.

GIRTANNER, Christoph, 1760–1800. *Ruhräh, J.* [Biography] Am. J. Dis. Child., 1931, 41: 923–7.

GIRVIN, John Harper, 1869–1938. *Obituary.* Tr. Coll. Physicians Philadelphia, 1939, 7: 111–3.

GIRY, Edouard, 1898— *Contribution à l'étude du traitement de l'hypertension artérielle par la phényléthylmalonylurée (Gardénal) 52p. 8° Par., A. Legrand, 1926.

GISBERTZ, August [Johannes] 1892— *Ueber Sanduhrmagen. 84p. 8° Rostock, Adlers Erben, 1919.

GISCLARD, Robert, 1902— *Des polypes dermoïdes du cavum. 51p. 8° Par., M. Lac, 1928.

GISEVIUS [Gustav Adolf Timotheus] Hans Bernd, 1904— *Der Verwendungsanspruch des Besitzers [Marburg] vi, 37p. 8° Quakenbrück, C. Trute, 1929.

GISLASON, Gudman J., 1877–1934. *Grassick, J.* [Obituary] J. Lancet, 1934, 54: 95.

GISLER, Karl, 1905— *Ueber Schenkelhalsbrüche; Bearbeitung von 97 Fällen nach den Akten der Schweizerischen Unfall-Versicherungs-Anstalt Luzern, aus den Jahren 1926–30. 40p. 2 l. 8° Zür., Gebr. Leemann & Co., 1933.

GISLER, Ulrich. *Ueber die aseptische Kastration der Hengste [Bern] 90p. 8° Murten, P. M. Strüby, 1910.

GISMONDI, A[lfredo]
Editor of *La Patrica pediatrica*, rivista mensile. Milano, v. 4, 1926—

GISSEL, Heinrich & SCHMIDT, Paul Georg. Die Lungentuberkulose. ix, 201p. illust. 8° Lpz. G. Thieme, 1933.

GISSELBRECHT, Henri Jacques Emile, 1908— *Le problème de l'angine de poitrine d'origine vésiculaire; angor vrai; syndromes douloureux simulant l'angor. 119p. 23½cm. Par., V. Degrange, 1938.

GISTREN, Jonas Henric G., 1767–1847. *Nachmanson, E.* [Autobiography] Hygiea, Stockh., 1926, 88: 928–45.

GITALIN.

See Digitalis.

GITEL, Eljasz. *Zur Therapie der multiplen Sklerose [Basel] 13p. 8° Mulhouse, A. Knecht, 1929.

GITES, Sara, 1903— *Kasuistischer Beitrag zur Frage der endometrioiden heterotopen Epithelwucherungen im Ovarium [Jena] 31p. 8° Riga, E. Plates, 1928.

GITHAGENIN.

Wedekind, E., & Schicke, W. Ueber Githagenin und Githaginsäure; über die Bestandteile des Kornradesamers. *Zschr. physiol. Chem.*, 1926, 155: 122; 1929, 182: 72.

GITHENS, Thomas Stotesbury, 1878—
See **Cohen**, Solomon Solis, & **Githens**, T. S. Pharmacotherapeutics, materia medica and drug action. 2009p. 8° N. Y., 1928.

GITMAN, Edith. *Roentgenkinder. 26p. 8° Lausanne, C. Risold & fils, 1938.

GITMAN, William H. *Die Wandlung in der chirurgischen Behandlung in der Zeit zwischen dem Deutsch-Französischen und dem Weltkrieg. 32p. 8° Lausanne, C. Risold & fils, 1938.

GITMUL, Leo, 1899— *Zur neueren Behandlung des Pemphigus. 23p. 8° Berl. [n. pub.] 1933.

GITSCHMANN, Walter Emil, 1902—
*Intrauterine Aetzung. 47p. 8° Bresl. [n. pub.] 1928.

GITTEL, Hans Ulrich, 1910— *Zur Frage der Stirnhöhlenpunktion von aussen. 9p. 8° Würzb. [n. pub.] 1934.

GITTER, Arthur, 1904— *Der Einfluss parenteraler Gaben von Hämoglobin und Hämoglobinabbauprodukten auf den Blutfarbstoffwechsel mit besonderer Berücksichtigung der Harnfarbstoffausscheidung [Jena] p. 594–630. 8° Berl., J. Springer, 1931.

Also *Zschr. ges. exp. Med.*, 1931, 77:

GITTER, Emil, 1911— *Ueber die gleichzeitige Einwirkung von Nikotin und Atropin auf die Dehydrierungsvorgänge im Gewebe [Münster] 19p. 8° Hamm, Breer & Thiemann, 1935.

GITTERMANN, Wilhelm, 1900— *Ueber einen Fall von Psammomcarcinom des weiblichen Genitale [München] 16p. 8° [Linz, J. Wimmer] 1927.

GIUDICEANDREA, Vincenzo. I soccorsi d'urgenza e l'assistenza ai malati e feriti. 637p. 8° Roma, Vecchioni, 1915. Also 4. ed. vii, 633p. illust. 8° Roma, Scuola Samaritana di Roma, 1936.

— *Tecnica e diagnostica ematologica.* xii, 442p. 7 pl. 8° Milano, F. Vallardi, 1919.

GIUDICELLI, Joseph Pierre Paul, 1899—
*Contribution à l'étude de la syphilis tertiaire du corps thyroïde. 32p. 8° Par., M. Vigne, 1931.

GIUFFRÉ, Liborio, 1854— Dante e le scienze mediche; anatomia e fisiologia generale; espressione organica delle passioni. 193p. 8° Bologna, N. Zanichelli [1924]

— La dottrina d'Ippocrate nel corso dei tempi sino ad oggi; saggio di sintesi storica del pensiero medico scientifico. 2. ed. 118p. 8° Pal., A. Trimarchi, 1933.

For biography see *Ann. clin. med.*, Pal., 1929, 19: Spec. no., p. xix–xxxvii (A. Pitini)

GIULI, Paul, 1906— *L'opérabilité des hernies inguinales au cours de la 1^{re} année de la vie. 64p. 8° Par., Le François, 1935.

GIULIANI, Karl, 1907— *Ueber die postdiphtherische Hemiplegie unter besonderer Berücksichtigung der Spätzustände. 16p. 21cm. [Münch., n. pub.] 1938.

GIVEN, David Hughes Charles. A new angle on health (nature's provision for the health and happiness of mankind) xvii, 160p. illust. pl. tab. diagrs. 8° Lond., J. Bale, sons & Danielsson, 1935.

GIVEN, Leila Ione.
See **Broadhurst**, Jena, & **Given**, Leila I. Bacteriology applied to nursing [etc.] 498p. 8° Phila. [1930] Also 2. ed., 562p. [1934] Also 3. ed. Microbiology. 564p. [1936] Also 4. ed. rev. 653p. [1939]

GIZA Memorial Ophthalmic Laboratory.
See under Cairo, Egypt.

GIZZARD.

See also **Bird; Fowl; Stomach.**

Levi, G. Architettura delle fibre reticolari nella muscolatura del ventriglio di pollo. *Boll. Soc. ital. biol. sper.*, 1938, 13: 886-8.—Magnan, A. La surface digestive du ventricule succenturié et la musculature du gésier chez les oiseaux. *C. rend. Acad. sc.*, 1911, 153: 295-7.—Nolf, P. L'appareil nerveux intrinsèque du gésier de l'oiseau granivore. *Acta brev. neerl.*, 1939, 9: 212-4. — Les éléments intrinsèques de l'anneau nerveux du gésier de l'oiseau granivore. *Arch. internat. physiol.*, Liège, 1939, 48: 451-542.—Zanghi, G. Sulla presenza di fosfogeno nella muscolatura gastrica di alcuni uccelli. *Boll. Soc. ital. biol. sper.*, 1929, 4: 332.

GIZZARD factor.

See **Vitamin B.**

GJESSING, Harald G. A. Kliniske linsestudier. 4 p. l. 354p. 8°. Drammen [H. Lyche & Co.] 1920.

GJOERUP, Ernst. Investigations into d'Hérèlles phenomenon. 3 p. l. 156p. ch. 8°. Kbh., A. Busck, 1925.

GJORGJEVIC, Gjorgje, 1885-1935.

Gawalowski, K. [Obituary] *Cas. lék. česk.*, 1935, 74: 528, portr.—Gougerot, H. Nécrologie. *Bull. Soc. fr. derm. syph.*, 1935, 42: 723.—Kicévac, M. [Obituary] *Cesk. derm.*, 1935, 15: 257, portr.—Pautrier, L. M. Nécrologie. *Bull. Soc. fr. derm. syph.*, 1935, 42: 1663.—Walter, F. [Obituary] *Przegl. derm.*, Warsz., 1935, 30: 105-7.

GLACIAL acetic acid.

See **Acetic acid.**

GLACIAL period.

See also **Animals, prehistoric; Bone, fossil; Fossil; Geology; Man; Paleontology.**

ANDREE, J. Der eiszeitliche Mensch in Deutschland und seine Kulturen. 758p. 25cm. Stuttg., 1939.

GIDLEY, J. W., & GAZIN, C. L. The pleistocene vertebrate fauna from Cumberland Cave, Maryland. 99p. 8°. Wash., 1938.

SCHULZ, A. A. H. *Grundzüge der Entwicklungsgeschichte der Pflanzenwelt Mitteleuropas seit dem Ausgange der Tertiärperiode. 32p. 8°. Halle a. S., 1893.

SOERGEL, W. Die Gliederung und absolute Zeitrechnung des Eiszeitalters. p.125-250. 8°. Berl., 1925.

WEINERT, H. Der Schädel des eiszeitlichen Menschen von Le Moustier in neuer Zusammensetzung. 53p. 8°. Berl., 1925.

Blanc, A. C. Le glaciale, considéré aux points de vue paléobiologique et géomorphologique. *Anthropologie*, Par., 1938, 48: 261-76.—Dardé, P. L'homme des temps moustériens. *Aesculape*, Par., 1931, n. ser., 21: 273.—Eberl, B. Zur Chronologie und Gliederung des Eiszeitalters im Bereiche des alpinen Glazials. *Anthrop. Anz.*, 1928, 5: 250-9.—Ehrhardt, S. Das Basion und die Fronton-Occipiton-Gerade am Schädel von Le Moustier. *Ibid.*, 1931-32, 8: 294-6.—Frapont, C. L'astragale chez l'homme moustérien de Spy; ses affinités. *Bull. Soc. anthrop. Bruxelles*, 1912, 31: 195-222, 3 pl.—Jenks, A. E. Minnesota pleistocene Homo, an interim communication. *Proc. Nat. Acad. Sc. U. S.*, 1933, 19: 1-6.—Kanasaki, T., & Tabata, T. Ueber die Körpergröße der Tsukumo-Steinzeitmenschen Japans. *Fol. anat. jap.*, 1929-30, 8: 265-82.—Lebzelter, V. Die Stellung der Funde von Egozlwitz; zu Otto Schlaginhausen's Werk: die menschlichen Skelettreste aus der Steinzeit des Wauwylersees. *Mitt. Anthrop. Ges. Wien*, 1926, 56: 110-4.—Lorenzen, E. Die Oberflächenformen der Landschaft Angeln und ihre Abhängigkeit vom Klimawechsel während der jüngsten Vereisung. *Schr. Naturwiss. Verein. Schl. Holstein*, 1937-38, 22: 385-452, map.—Mochi, A. I sincronismi tra glaciali faune e industrie quaternarie in Europa e le concordanze italiane. *Arch. antrop. etnol.*, Fir., 1927, 57: 137-86, ch.—Moir, J. R. Inter-glacial man in England. *Discovery*, Lond., 1927, 8: 78-80.—Moore, R. L. Studies in paleopathology; spondylitis deformans in a crocodile from the pleistocene of Cuba. *Ann. M. Hist.*, 1926, 8: 78-82. — Pleistocene examples of traumatic osteomyelitis. *Ibid.*, 413-8. — Vertebral lesions in the sabretooth pleistocene of California, resembling the so-called myositis ossificans progressiva, compared with certain ossifications

in the dinosaurs. *Ibid.*, 1927, 9: 91-102. — Studies in paleopathology; pleistocene luxations. *Am. J. Surg.*, 1930, n. ser., 10: 348-62. — Apical closure of root canals in adult pleistocene carnivora. *Pacific Dent. Gaz.*, 1930, 38: 1-4.—Reche, O. Die Schädel aus der Ancycluszeit vom Prizer See und ihre Beziehungen zu den steinzeitlichen Rassen Europas. *Arch. Anthrop.*, Brnschw., 1927-28, n. F., 21: 122-90, 7 pl.—Rehmann, E., & Ecker, A. Zur Kenntniss der quaternären Fauna des Donauthales. *Ibid.*, 1876-7, 9: 81; 1878, 10: 399, pl.—Turesson, G. Contributions to the genealogy of glacial relics. *Hereditas*, Lund, 1927, 9: 81-101.—Virchow, H. Skelet von le Moustier. *Anat. Anz.*, 1939, 88: 261-74.—Weinert, H. Eine Ergänzung des Neandertaler-Schädels von Le Moustier. *Umschau*, 1926, 30: 622-4. — Das Kinderskelett von Laugerie Haute, ein eiszeitlicher Skelett-fund? *Zschr. Morph. Anthropol.*, 1928-30, 27: 382-408, 2 pl., 5 ch.

GLADE, Anna, 1910- *Vordere Arm-lösung. 55p. 8°. Würzb., R. Mayr, 1937.

GLADISCH, Rudolf, 1890- *Ueber die Röntgendiagnose der Knochensyphilis mit besonderer Berücksichtigung der Wirbelsyphilis. 26p. 8°. Bresl., A. Schreiber, 1928.

GLADSTONE, Howard B. Clinical observations on infant feeding and nutrition. xii, 118p. 8°. Lond., W. Heinemann, 1928.

GLADSTONE, Reginald John, 1865- , & WAKELEY, Cecil Pembrey Grey. The pineal organ. xvi, 528p. illust. 26cm. Lond., Baillière, Tindall & Cox, 1940.

GLADSTONE, Sidney A[rthur] 1903- Cardiac output and arterial hypertension. 56p. ch. tab. 8°. N. Y., 1935.

GLADWIN, Mary E. Ethics. 3 p. l. 281p. 8°. Phila., W. B. Saunders Co., 1930. ALSO 2. ed. 365p. 1938.

GLAENTZER, Normann, 1912- *Orale Infektion und Magenkrankungen [Bonn] 36p. 8°. Glauchau, J. Pickenhahn, 1934.

GLAESEMER, Reinhard, 1894- *Ueber die Sterblichkeit an Lungentuberkulose in den einzelnen Amtshauptmannschaften des ehemaligen Königreichs Sachsen in den Jahren 1901-10 nach Alter, Geschlecht und Beruf (Auszug) 11p. 8°. [Lpz.] 1922.

GLAESER, Elisabeth, 1912- *Inwiefern kann das Röntgenbild die Güte einer Wurzelbehandlung und Füllung beurteilen? 34p. 8°. Bonn, A. Brand, 1935.

GLAESER, Ernst Hellmut, 1904- *Die Behandlung der Trichterbrust [Münster] 20p. 8°. Bochum, H. Pöppinghaus, 1934.

GLAESER [Franz] Georg, 1894- *Versuche mit der Definitionsmethode an chronisch Paranoiden. p.189-210. 8°. [Lpz.] 1921. Also *Mscr. Psychiat.*, 1921, 51: Heft 4.

GLAESER, Hans [Wilhelm] 1908- *Ueber acute Pankreasnekrosen nach vorausgegangenen früheren operativen Eingriffen an den Gallenwegen. 27p. 8°. Giessen, O. Kindt, 1936.

GLAESER, Wilhelm [Friedrich] 1907- *Die Erbkranken in den Kreisen Esslingen am Neckar, Kirchheim-Teck, Stuttgart-Amt und ihre regionale Verteilung. 20p. 22cm. Tüb., A. Becht, 1939.

GLAESMER, Erna, 1878- Die Formfehler und die plastischen Operationen der weiblichen Brust. 94p. 8°. Stuttg., F. Enke, 1930.

— Körperbau und Sexualfunktion; ein Beitrag zur Konstitutionsforschung und Therapie des Weibes. 42p. 8°. Stuttg., F. Enke, 1930.

— & AMERSBACH, Rud. Die weibliche Brust: die Erhaltung ihrer Gesundheit und Formschönheit; mit einem Geleitwort von C. Menge. 5 p. l. 147p. pl. 8°. Stuttg., F. Enke, 1929.

GLAESS [Georg] Johannes, 1910- *Ueber den Einfluss verschiedener Blutbestandteile auf

die Wirksamkeit des g-Strophanthins [Leipzig] 15p. 21cm. Zwickau, J. Hermann, 1936.

GLAESS, Martin, 1902—*Die Anwendbarkeit verschiedener Fixierungs-, Entkalkungs- und Einbettungsverfahren für den histochemischen Bleinachweis im Hartgewebe. 14p. 2 pl. 2 l. 8°. Lpz., A. Edelmann, 1938.

GLAESSGEN, Hanns Kurt, 1909—*Röhrenknochen-Osteomyelitis mit Ohrbeteiligung. 15p. 20½cm. Marb., J. Hamel, 1937.

GLAESSNER, Karl, 1876—Das Ulcus duodeni. p.86. 8°. Halle, C. Marhold, 1916. Forms Heft 7, v.5, Samml. Verdauungskr.

GLAETTLI, Hans. *Anatomie des Venensystems des Kuheuters; XIV. Beitrag zum Bau und zur Entwicklung von Hautorganen bei Säugetieren [Zürich] 39p. 4 pl. 8°. Richterswil, 1924.

GLAHN, Anton, 1899—*Beobachtungen über Blutgerinnung und Blutungszeit in der Chirurgie. 13p. 8°. Giessen, 1928.

GLAISTER, John, 1856-1932. Poisoning by arseniuretted hydrogen or hydrogen arsenide. ix, 279p. 8°. Edinb., E. & S. Livingstone, 1908.

— A study of hairs and wools belonging to the mammalian group of animals, including a special study of human hair considered from the medico-legal aspects. 4 p. l. 187, 4 l. 149 pl. 4°. Cairo, Misr Press, 1931.

See also **Glaister, John, jr.** Medical jurisprudence and toxicology. 6. ed. 747p. 8°. Edinb., 1938.

For biography see Glasgow M. J., 1933, 119: 45-50. Also N. York State J. M., 1933, 33: 1499. Also Proc. R. Soc. Edinburgh, 1933, 53: 363.

— & **GLAISTER, John, jr.** A text-book of medical jurisprudence and toxicology. 5. ed. xv, 954p. 8°. Edinb., E. & S. Livingstone, 1931.

GLAISTER, John, jr. 1892—Medical jurisprudence and toxicology. 6. ed. xiii, 747p. illust. pl. 8°. Edinb., E. & S. Livingstone, 1938.

See also **Glaister, John, & Glaister, John, jr.** A text-book of medical jurisprudence [&c.] 5. ed. 954p. 8°. Edinb., 1931. Also **Smith, Sidney Alfred, & Glaister, John, jr.** Recent advances in forensic medicine. vi, 194p. 8°. Phila., 1931. Also 2. ed. 264p. 8°. Phila., 1939.

— & **BRASH, James Couper.** Medico-legal aspects of the Ruxton case. xvi, 284p. illust. tab. 8°. Edinb., E. & S. Livingstone, 1937.

GLAIVE, Paul, 1899—*Sur un type de paralysie en flexion par rétraction musculotendineuse survenant à l'âge adulte. 51p. 8°. Par., Expansion sc., 1927.

GLAMANN, Rolf, 1904—*Ueber die antikatalytische Wirkung des Blutes gesunder Menschen. 16p. 8°. Rostock, C. Hinstrorff, 1933.

GLAND.

See also under names of glands, organs, and regions as **Anus**, **Glands**; **Endocrine gland**; **Liver**; **Parotis**, &c.

KUNSTMANN, H. *Ueber das Verhalten der grossen Mundspeicheldrüsen und der Bauchspeicheldrüse bei hämatogener Farbstoff- und Bakterienzufuhr im Tierversuch. 41p. 8°. Erlangen, 1933.

SANDSTRÖM, I. On a new gland in man and several mammals; transl. by Carl M. Seipel. 44p. 26cm. Balt., 1938.

Ackerknecht, E. Ueber Drüsen. Berl. tierärztl. Wschr., 1934, 50: 673-7.—**Arey, L. B.** The physiology of the repugnatorial glands of Onchidium. J. Exp. Zool., 1937-38, 77: 251-86.—**Bacelar, J.** Sur les glandes séreuses du cobaye traitées par la méthode tanno-ferrique. Fol. anat. Univ. Conimbr., 1938, 13: No. 1, 1-10, 2 pl.—**Bertossi, F.** Sulle ghiandole granulose cutanee di Bombinator igneus Laur. Monit. zool. ital., 1937, 48: 341-4.—**Bowen, R. H.** Studies on the Golgi apparatus in gland-cells; critique of the topography, structure, and function of the Golgi apparatus in glandular tissue. Q. J.

Mier. Sc., Lond., 1926, 70: 419-49.—**Bruni, A. C.** Appunti sulla struttura della ghiandola interstiziale fetale degli equini. Atti Soc. lombard. sc. med., 1925, 14: 318-26.—**Cappe de Baillon, P.** Contribution à l'étude des glandes segmentaires chez les insectes (dermaptères et orthoptères). Cellule, Liège, 1925, 36: pt. 2, 255-87.—**Choay, A.** Renns, Melles, S., & **Wurms, L.** Persistance des propriétés biologiques des glandes exocrines ou endocrines fixées depuis plusieurs années par le dessiccation. Sunti Congr. internaz. fisiol., 1922, 14. Congr.

51.—**Clara, M.** Ueber das Vorkommen von Atraktosomen in den Schleimzellen der menschlichen Drüsen. Zschr. Zellforsch., 1936-37, 25: 655-93.—**Collin, R., & Grujic, M.** Caryométrie comparée des 2 portions de la glande de Leewenthal. C. rend. Soc. biol., 1932, 109: 472-4.—**Combault, A.** Recherches sur le développement des glandes calcifères des lombrics. Ibid., 1907, 62: 630-2.—**Cordier, R.** La glande du larmier d'Oreotragus saltator. Arch. biol., Liège, 1931, 42: 59-69, pl.—**Dawson, A. B.** Changes in the volume, form and internal architecture of the nuclei of the granular glands of the integument of the newt, Triturus viridescens. J. Morph., 1937, 61: 385-97.—**Dehorne, A.** Chondriocentes et dietyosomes dans une catégorie de cellules à mucus des glandes parapodiales chez Nereis diversicolor. C. rend. Soc. biol., 1937, 125: 595-8.—**Dumitresco, M.** La cytologie des glandes séricigènes de Teutana triangulosa Walck. Ibid., 1935, 118: 1668-70.—**Fuchs, H.** Von der Glandula interposita s. Glandula inclusa des Frosches (ein neues Organ) nebst einigen Bemerkungen über die Gewebe und Drüsen im allgemeinen. Anat. Anz., 1926, 61: 97-128.—**Grabowska, Z.** A propos des grains verts de la substance corticale de la glande verte de l'écrévisse. C. rend. Soc. biol., 1931, 106: 121; 257.—**Grynfeldt, E.** Sur un procédé technique susceptible de mettre en valeur l'origine de certains éléments histologiques. Bul. Acad. sc. Montpellier, 1936, 66: 23.

Hett, J. Ueber das Vorkommen von Flimmerepithel in Drüsen. Zschr. Zellforsch. 1937-38, 27: 720-5.—**Hirsch, G. C.** Probleme der Restitution in Drüsen. Arch. exp. Zellforsch., 1936-37, 19: 385-404.—**Hirsch, G. H.** [Certain problem in re-instatement, of secretory substances in the glands] Usp. sovrem. biol., 1937, 7: 89-101.—**Krause, F.** Phosphorsäure- und Milchsäurebildung im Drüsenbrei. Zschr. physiol. Chem., 1927, 168: 216-32.

— Zur Frage des Vorkommens einer lactacidogenartigen Substanz in Drüsen. Ibid., 1928, 173: 235-44.—**Lohmann, K.** Stoffwechsel der drüsigen und endokriner Organe (ausser Leber) In Handb. Biochem. (Oppenheimer, C.) 2. Aufl., Jena, 1936, Ergänz. 3: 431-5.—**Lutz, H.** Physiologische und morphologische Deutung der im Protoplasma der Drüsenzellen ausserhalb des Kernes vorkommenden Strukturen. Arch. Zellforsch., 1921, 16: 47-87, 2 pl.—**Meltzer, H.** Die Härte drüsiger Organe und ihre Veränderungen nach dem Tode. Klin. Wschr., 1928, 7: 2477-9.—**Netter, H.** Ueber die Durchlässigkeit von Drüsen; ein weiteres Beispiel selektiver Ionenpermeabilität. Arch. ges. Physiol., 1930, 224: 121-7.—**Pautov, N. A.** [On apocrine glands] Vest. otorinol., 1938, 516-8.—**Peter, K., & Horn, G.** Die Gestalt der Stoffdrüsen des Menschen nach Plattenmodellen (Ohr-, After- und Liddrüsen) Zschr. mikr. anat. Forsch., 1935, 38: 471-82.—**Pradhan, S.** Glands in the head capsule of coccinellid beetles with a discussion on some aspects of gnathal glands. J. Morph., 1939, 64: 47-66.—**Press, R., & Fearon, W. R.** Studies on the ultimate composition of biological material; glandular tissues. Sc. Proc. R. Dublin Soc., 1939, 22: 157-9.—**Rosenbaum, E.** [Development of the mucous cell] Rozpr. wydz. mat.-przr. Akad. umiej., Kraków, 1907, 3. ser., 7: B, 515-34, 3 pl.—**Schürfeld, W.** Die physiologische Bedeutung der Versdrüsen, untersucht im Zusammenhang mit ihrem feineren Bau. Arch. Entwemch., 1935, 133: 728-59.—**Schulz, F. N.** Schleimdrüsen und Schleim. Handb. Biochem. (C. Oppenheimer) Jena, 1910, 3: 1. Teil, 1-6.—**Turchini, J.** De la situation de l'appareil de Golgi dans quelques cellules glandulaires. Bull. Soc. sc. méd. biol. Montpellier, 1925-26, 7: 452-4.

— **Disease.**

Alpern, D. Die Rolle der visceralen Innervation im Chemismus des sekretorischen Prozesses; zur Pathophysiologie der Zellpermeabilität. Arch. ges. Physiol., 1926, 215: 261-72.

— & **Lindenbaum, L.** Das Stickstoffgleichgewicht im Sekret bei einigen normalen und pathologischen Verhältnissen der Drüseninnervation. Biochem. Zschr., 1926, 176: 62-72.—**Arroyo, J.** Los acinis glandulares normales y los cancerosos. Gac. méd. México, 1933, 64: 78-92.—**Bécart, A.** Les troubles glandulaires et leur traitement. Bull. Soc. méd. Paris, 1935, 240-2.—**Birch, C. L.** Polyglandular hypofunction. Med. Clin. N. America, 1930-31, 14: 1259-65.—**Goldmann, D.** Die innere und äussere Sekretion des gesunden und kranken Organismus im Lichte der vitalen Färbung. Verh. Deut. path. Ges., 1910, 138-44.—**Helmeke, K.** Ueber den Zellkollaps. Virchows Arch., 1939, 304: 255-70.—**Leriche, R.** Nécessité d'une étude systématique de la fonction des glandes à mucus du point de vue de la physiologie de la pathologie et de la thérapeutique. Presse méd., 1932, 40: 650.

— **Innervation.**

Alperne, D. E. [Functions of certain electrolytes in innervation of secretory process] Med. biol. J., Moskva, 1925, 1: No. 1-2, 91-105; No. 4, 93-107.—**Boeke, J.** Innervationsstudien; der sympathische Grundplexus in seinen Beziehungen zu den Drüsen (Innervation der Speicheldrüsen, der Tränendrüsen, der Schweißdrüsen, der Talgdrüsen beim Menschen, der Orbital-

drüsen beim Igel) Zschr. mikr. anat. Forsch., 1934, 35: 551-601.—**Mayer, A.** Influence des états de conscience sur les sécrétions. J. psychol. norm. path., Par., 1920, 17: 121-38.—**Mikhelson, M. I.** [On the possibility of cortical regulation of the permeability of glandular tissue] J. physiol. USSR, 1938, 25: 837-64.—**Scharer, B.** Ueber sekretorisch tätige Nervenzellen bei wirbellosen Tieren. Naturwissenschaften, 1937, 25: 131-8.—**Shumilina, N. I.** [Investigation of the dynamics of the higher nervous activity; correlation of conditioned secretary-motor reflexes, obtained on various alimentary, unconditioned stimulants] Arkh. biol. nauk, 1939, 54: No. 1, 119-31.—**Winsor, A. L.** Observations on the nature and mechanism of secretary inhibition. Psychol. Rev., 1930, 37: 399-411.

— Secretion.

See also Excretion; Secretion.

Allara, E. Istofisiologia del tessuto connettivo nelle varie fasi funzionali di alcune ghiandole. Arch. ital. anat., 1940, 43: 1-55.—**Berek, M.** Untersuchung über die Möglichkeit, Sekretionen der einzelnen Drüsen des tierischen Körpers nach einem von H. Bock angegebenen Verfahren im Blute mikroskopisch zu unterscheiden. Med. Klin., Berl., 1926, 22: 99.—**Bowen, R. H.** The cytology of glandular secretion. Q. Rev. Biol., 1929, 4: 399; 484.—**Bricker, F.** Zum Mechanismus des Sekretionsprozesses. Zschr. ges. exp. Med., 1926, 53: 411-9.—**Duthie, E. S.** The mechanism of glandular secretion. Arch. exp. Zellforsch., 1934, 15: 352-4.—**Ferrari, R., & Höber, R.** Untersuchungen über den Sekretionsarbeit zugrunde liegenden Stoffwechsel von Leber, Niere und Speicheldrüse. Arch. ges. Physiol., 1933, 232: 299-321.—**Gley, E.** De las relaciones entre las dos funciones exo y endocrina de una misma glándula. Rev. med. cir. Habana, 1926, 31: 341-4.—**Hirsch, G. C.** The theory of fields of restitution, with special reference to the phenomena of secretion. Biol. Rev. Cambridge Philos. Soc., 1931, 6: 88-131.—**Höber, R., & Ferrari, R.** Untersuchungen über die Chemodynamik der Drüsen. Klin. Wschr., 1933, 12: 433.—**Holzöhner, E., & Cammann, O.** Die Drüsentätigkeit bei Nervenreizung; Sekretion gegen Ueberdruck; Versuche an der Glandula submaxillaris. Zschr. Biol., 1934, 95: 235-48.—**Hoven, H.** Contribution à l'étude du fonctionnement des cellules glandulaires; du rôle du chondriome dans la sécrétion. Arch. Zellforsch., 1912, 8: 555-611, 2 pl.—**Maziarski, S.** Recherches cytologiques sur les phénomènes sécrétoires dans les glandes filières des larves des lépidoptères. Ibid., 1910-11, 6: 397-442.—**Moulin, F. de.** Der Sekretionsprozess im Lichte der Kolloidchemie. Wien. tierärztl. Mschr., 1926, 13: 244-63.—**Robbers, H., & Hampel, A.** Ein einfaches Verfahren zur fortlaufenden optischen Registrierung der Sekretion. Arch. ges. Physiol., 1936, 237: 213-5.—**Wallbach, G.** Examens pharmacodynamiques concernant l'action des adsorbants sur les processus de sécrétion. Arch. néerl. physiol., 1937, 22: 567-74.—**Examens et standardisations morphologiques des remèdes sécrétoires.** Acta brevia neerl., 1938, 8: 1-3.—**Recherches pharmacodynamiques sur la morphologie des sécrétions cellulaires; les manifestations morphologiques des substances modifiant les sécrétions.** Arch. mal. app. digest., Par., 1938, 28: 608-23.—**Recherches pharmacodynamiques sur la morphologie des sécrétions cellulaires; les influences alimentaires sur les processus sécrétoires.** Ibid., 722-9.—**Wolf, M.** Ein neuer Sekretentnehmer. Med. Klin., Berl., 1930, 26: 516.

GLANDERS [Equinia; Malleus]

See also Glanders bacillus.

BERNARD, M. M. *Le farcin du bœuf [Alfort] 39p. 8°. Toulouse, 1927.

FAVA, E. La morva (profilassi, ispezione delle carni) studio critico e sperimentale. 208p. 8°. Tor., 1918.

U. S. WAR DEPARTMENT. ARMY REGULATIONS. No. 40-2100. MEDICAL DEPARTMENT. Communicable diseases of animals, glanders. 6p. 8°. Wash., 1929.

Akker, S. van den [Case of malleus] Tsch. diergeneesk., 1936, 63: 453.—**Bottiglieri, R.** La morva chirurgica; contributo alla casistica. Clin. vet., Milano, 1926, 49: 272-82.—**[Bouley]** De la contagion de la morve. J. méd. vét., Lyon, 1853, 9: 379-82.—**Burgess, J. F.** Chronic glanders. Vet. Rec., Lond., 1936, 16: 1034-8.—**Carl, J.** Drei Pferde-Rotzkrankungen. Berl. tierärztl. Wschr., 1939, 55: 708-11.—**Dahmen, H.** Rotz. Erg. Hyg., 1925, 7: 543-615.—**Diday, P.** Discussion sur la morve à l'Académie impériale de médecine. J. méd. vét., Lyon, 1861, 17: 356-74.—**Dildine, S. C.** Glanders in army animals. Vet. Bull., Carlisle, 1939, 33: 98-104.—**Drouin, M.** Glanders; summary of report. Rep. Internat. Vet. Congr. (1914) 1915, 10. Congr., 3: 477.—**Heitsch, H.** Rotz. In Spez. Path. Ther. inn. Krankh. (F. Krauss & T. Brugsch) Berl., 1919, 2: Teil 2, 493-519.—**Huertas López, A.** Guiso de prólogo. Congr. internat. med. farm. mil., 1933, 7. Congr., pt 5, Vet. sect., 53-64.—**Karl, V.** [Glanders in a military stud] Voj. zdrav.

listy, 1938, 14: 441-7.—**Mauclère, L.** Notes sur la contagion de la morve chronique; sa transmission à 6 ânes. J. méd. vét., Lyon, 1855, 11: 145-65.—**Miessner.** Glanders; summary of report. Rep. Internat. Vet. Congr. (1914) 1915, 10. Congr., 3: 511.—**Mitaut.** Sur la morve, latente ou apparente, considérée comme vice rédhibitoire. Bull. Soc. centr. méd. vét., Par., 1878, 32: 163-71 [Discussion] 181-91.—**Peyrouze.** La morve est-elle spontanée? Mém. Soc. centr. méd. vét., Par., 1877, 9: 381-494.—**Renault.** Résumé de la discussion sur la morve. J. méd. vét., Lyon, 1861, 17: 487; 533; 581.—**Roo, M. de.** Chronic glanders in the brood mare; summary of report. Rep. Internat. Vet. Congr. (1914) 1915, 10. Congr., 3: 461.—**Schnurer.** Glanders; summary of report. Ibid., 492.—**Schnurer, J.** Rotz. Wien. tierärztl. Mschr., 1933, 20: 417; 449.—**Thierry, E.** Note sur un cas de morve chronique. Bull. Soc. centr. méd. vét., Par., 1881, 35: 61-7.—**Torres Bandeira, J. A., Bitencourt de Almeida, L.** [et al.] O mormo. Rev. mil. med. vet., Rio, 1938, 1: 501-19.—**Trasbot.** Spontanité et contagion de la morve (rapport sur un mémoire du concours de pathologie) Bull. Soc. centr. méd. vét., Par., 1880, 34: 250-67.—**Vyshelesky, S. M., & Makkaveisky, V. N.** [Research work on glanders] Eksp. vet., Moskva, 1928, 5: 3-15.

— Diagnosis.

See also Glanders bacillus, Mallein.

U. S. WAR DEPARTMENT. ARMY REGULATIONS. No. 40-2105. MEDICAL DEPARTMENT. The ophthalmic mallein test of animals. 3p. 8°. Wash., 1921.

— No. 40-2110. The intradermic mallein test of animals. 3p. 8°. Wash., 1921. Also [Suppl.] 1p. 1929.

Argun, T. Einiges über die Verwendbarkeit des veralteten und offen aufbewahrten Malleins bei der Rotzdiagnose. Berl. tierärztl. Wschr., 1937, 53: 52.—**Bartels & Meyer, E.** Ein Beitrag zur Diagnose und Differentialdiagnose des Rotzes sowie ein Fall von Rotzübertragung auf den Menschen. Deut. tierärztl. Wschr., 1929, 37: 657-61.—**Bozzelli, R.** Reazione leucopenica da malleina; ricerche sperimentali sul valore e sull'applicazione della reazione emoclasica di D'Amato nella diagnosi di morva. Boll. Soc. eustach., 1931, 29: 71-123.—**Chládek, V.** [Method of clinical examination of glanders in horses] Voj. zdrav. listy, 1932, 8: 188-92.—**Fooy, J. P.** [Diagnostic value of white blood cells in glanders and saccharomyces] Tsch. diergeneesk., 1931, 58: 905; 977.—**Forget & Urbain.** Contribution à l'étude du diagnostic de la morve chez le cheval. Rev. vét., Toulouse, 1923, 75: 39.—**Jacob.** L'herpès phlycténoïde de la muqueuse nasale simulant la morve. J. méd. vét., Lyon, 1849, 5: 353-61.—**López Vallejo, J.** El diagnóstico bacteriológico y el diagnóstico serológico del muermo. Medicina, Méx., 1932, 12: 516-37.—**Lornie, W. S.** Notes on mallein tests for glanders. Vet. Rec., Lond., 1934, 14: 1443-5.—**Mouilleron.** L'hyperthermie dans la morve initiale; sa valeur diagnostique. Bull. Soc. centr. méd. vét., Par., 1905, 59: 218-31.—**Nocard.** Ulcérations de la pituitaire simulant la morve. Ibid., 1900, 54: 911-3.—**Panek, K.** Nouvelle méthode de diagnostic différentiel de la morve apparente et latente; épreuve provocatrice. C. rend. Soc. biol., 1929, 102: 349-51.—**Raul, B.** Il metodo di Wulfi nella diagnosi della morva sperimentale nella cavia. Gior. batt. immun., 1930, 5: 1135-40.—**Tlusty, A.** [Intrapalpebral test with mallein] Voj. zdrav. listy, 1925, 1: 32-43.—**Vallée & Panisset.** Sur la réaction à la malleïne. Bull. Soc. centr. méd. vét., Par., 1905, 59: 231-3.—**Verge, J.** L'intradermo-malléination seconde chez le cheval morveux. C. rend. Acad. sc., 1930, 191: 891.

— Diagnosis, serologic.

Brin, S. M. Der Komplementbindungsmechanismus bei der Bordet-Gengou-Reaktion auf Rotz. Zschr. Immunforsch., 1927, 51: 392-401.—**Chiriacescu & Novacov** [Atypic reactions in diagnosis of glanders in the horse] Rev. vet. mil. Bucur., 1939, 10: 209-20.—**Goertler, V., & Bernard, M.** Die Brauchbarkeit des Trockenkomplementes Gans für die Blutuntersuchung mittels Komplementbindung zur Feststellung der Rotzkrankheit. Zschr. Infektkr. Haustiere, 1929, 35: 53-69.—**Leber.** Die Thermokoagulation bei der Rotzdiagnose. Münch. tierärztl. Wschr., 1927, 78: 673-6.—**Menck, F.** Eine neue spezifische Methode zur Serodiagnose des Rotzes. Arch. wiss. prakt. Tierh., 1929, 60: 63-83.—**Möllmann, L. H.** Ueber die klinische Verwendbarkeit der Rotz-Klärungsreaktion nach Menck. Zschr. Veterinärk., 1930, 42: 385-96.—**Mori, K.** Study of glanders; diagnostic value of serum reaction in glanders of humans. J. Orient. M., Dairen, 1937, 27: 10.—**Rabieaux, A.** Contribution au séro-diagnostic de la morve. Bull. Soc. centr. méd. vét., Par., 1902, 56: 303-9.—**Sakamoto, K.** Diagnosis of glanders by precipitation with so-called soluble specific substance derived from B. mallei. J. Immun., Balt., 1930, 18: 331-9.—**Verge, J., & Pairemaure, O.** Morve et mélioiïdose; la réaction de fixation, dans la morve, au moyen de l'antigène à Bacillus whitmori. C. rend. Soc. biol., 1932, 99: 1.—**Weber.** Zur Diagnose der Rotzkrankheit. Berl. tierärztl. Wschr., 1929, 45: 121-3.

Epidemiology.

BESSOLES, L. J. J. *Histoire d'une épidémie de morve sur le plateau de l'Aubrac avec contribution à l'étude des réactions anormales à la malléine [Alfort] 47p. 8° Rodez, 1925.

HERLIN, E. O. H. *Observations sur l'épidémiologie et le diagnostic de la morve. 46p. 8° Par., 1926.

Auregio, E. Histoire d'une épidémie de morve. Mém. Soc. centr. méd. vét., Par., 1880, 11: 3-200.—Dunning, F. J. Observations on glanders at the end of the South-West African Campaign, 1915. Vet. Rec., Lond., 1931, 11: 11.—El-Kirdani Bey, A. M. Glanders in Egypt and the complement fixation test in diagnosis. C. rend. Congr. internat. méd. trop., 1928, 1. Congr., 3: 1023-32.—Espada, M. Nota-resumen de un estudio epidemiológico de muermo. Tr. Soc. biol., Barcel., 1918, 6: 157-70, tab.—Mitchell, C. A. An outbreak of glanders of low pathogenicity. Rep. Vet. Dir. Canada Dep. Agr., 1935, 67-73.—Nakamura, K., Matsumoto, I., & Tachibana, S. Ueber im zoologischen Garten Shokeien zu Keijo (Korea) ausgesprochene Rotzkrankungen der Raubtiere. J. Chosen M. Ass., 1935, 25: 73.—Okuda, K., Toyoshima, T. [et al.] An unusually severe outbreak of glanders in South Manchuria. J. Jap. Soc. Vet. Sc., 1931, 10: 126.—Tixier & Delamotte, Du farcin d'Afrique. Mém. Soc. centr. méd. vét., Par., 1879, 10: No. 3, 1-111.

Farcy.

Chandler, S., & Pasquariello, P. S. Farcy. Med. Times, N. Y., 1933, 61: 332.—Delarue, J., & Tambareau, M. Sur un cas de farcin chronique; les granulations farcineuses hypodermiques. Ann. anat. path., Par., 1938, 15: 733-43.—Mronovich, V. [Acute hematogeno-metastatic bacterial dermatitis; pyemic dermatitis through infection with glanders bacilli] Belaruss. med. misl., 1924-25, 2: 6; 192.—Pavelescu, N. [Case of farcy] Rev. st. med., Bucur., 1928, 17: 789.—Schaack, Farcin compliqué d'une boiterie périodique avec récédive farcineuse. J. méd. vét., Lyon, 1846, 2: 333-7.

human.

MICHEL, J. *La morve; maladie professionnelle du vétérinaire [Alfort] 46p. 8° Par., 1932.

ORDAZ ELVAS MASCARENHAS, A. D' *Algumas considerações sobre quatro casos de mormo na especie humana. 61p. 12° Lisb., 1864.

ZIRKELBACH, E. *Rotz (Malleus) der Mundschleimhaut. 22p. 8° Freib. i. B., 1933.

Baloch, E. Die Diagnose des Malleus an der Leiche. Wien, med. Wschr., 1934, 84: 876-80.—Beltran, B. R. Glander or farcy. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 775-9.—Blohrke, Ueber Rotz beim Menschen im Rachen und in der Nase. Deut. med. Wschr., 1926, 52: 1152.—Brokman, H., & Hirsfeld, H. Ueber die physiologische Malleinreaktion bei Menschen. Klin. Wschr., 1929, 8: 1499. Also Tr. sc. Clin. inf. Univ. Varsovie, 1930, 385-8. Also Med. dōsw., 1930, 12: 66-72.—Burgess, J. F. Chronic glanders. Canad. M. Ass. J., 1936, 34: 258-62.—Busch, N. Ein Fall von Rotz beim Menschen. Derm. Wschr., 1929, 8: 1467-9.—Chevreil-Bodin, Morve. In Nouv. prat. dermat. (Darier, Sabouraud, et al.) Par., 1936, 3: 922-35.—Desgranges, Observation de morve aiguë chez l'homme. J. méd. vét., Lyon, 1851, 7: 452-64.—Diez, S. La morva è infortunio sul lavoro o malattia professionale? Assist. sociale, Roma, 1937, 11: 975-82.—Durán, G. Aportación clínica al estudio del muermo humano desde el punto de vista quirúrgico. Arch. med., Madr., 1934, 37: 458-65.—El-Kirdani Bey, A. M. Two cases of human glanders. C. rend. Congr. internat. méd. trop., 1928, 1. Congr., 3: 1033-5.—Emil, Z. [Glanders] Cas. lek. česk., 1925, 64: 952; 999; 1032.—Fawcitt, R. Glanders of the lung. Brit. J. Radiol., 1932, 5: 717-21.—Ferrabouc, L. Morve et farcin. In Traité dermat. (Belot, J., et al.) Par., 1933, 1: fasc. 2: 185-8.—Fitch, C. P. Glanders in man. Cornell Vet., 1914-15, 4: 86-98.—Herold, A. A., & Erickson, C. B. Human glanders; case report. South. M. J., 1938, 31: 1022.—Kartel, D. [Glanders in man] Voj. san. glasnik, 1930, 1: 294-304.—Klingmüller, Ein Fall von Rotz beim Menschen. Deut. tierärztl. Wschr., 1929, 37: 661.—Latzink, E. Y. [Problem of convalescence from subacute glanders] Klin. med., Moskva, 1930, 8: 434.—Melver, M. A., & Lile, R. M. Chronic glanders-like infection of face caused by an organism resembling Flavobacterium pseudomallei Whitmore. Br. Clin. Misc. Bassett Hosp., 1934, 1: 16-21.—Mallari, M. V., & Mallari, A. I. Human glanders in the Philippines; an additional report. J. Philippine Islands M. Ass., 1935, 15: 616-8.—Mendelson, R. W. Glanders. J. Am. M. Ass., 1929, 93: 1379. Also Ann. Int. M., 1936-37, 10: 43-8.—Minett, F. C., Geiger, S. H. [et al.] Discussion on glanders and kindred diseases. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Trop. Dis. Parasit., 69-81.—Mondolfo, E., & Moretti, A. Sopra un caso di morva umana a decorso acuto. Policlinico, 1932, 39: sect. med., 357-64.—Onoda, H. A case of malleus. Jap. J. M. Sc. 1934-36, 4: Surg., 181.—Papis, G. De la transmission de la morve du cheval à l'homme. J. méd. vét., Lyon,

1846, 2: 498-506.—Rainsford, S. G. A case of acute glanders. Brit. M. J., 1932, 2: 55.—Ranelletti, A., & Diez, S. La morva è infortunio sul lavoro o malattia professionale? Assist. sociale, Roma, 1938, 12: 331-44.—Rateau, J. Contribution à l'étude de la morve chronique. Rev. laryng., Par., 1928, 49: 230-3.—Rey, A. Accidents causés par l'inoculation de la morve chronique à un palefrenier. J. méd. vét., Lyon, 1857, 13: 559-61.—Roeloffs, J. W. [Case of acute glanders in man] Ned. tschr. geneesk., 1929, 73: 3272-81.—Sabotolny, S. S. Zur Frage nach der diagnostischen Bedeutung der biologischen Reaktionen und Chemotherapie beim Menschenrotz. Zbl. Bakt., 1. Abt., 1925-26, 97: 168; 1926, 98: 37.—Saint-Cyr, F. Transmission de l'affection farcino-morveuse de l'homme au cheval par inoculation. J. méd. vét., Lyon, 1852, 8: 385-99.—Orchite morveuse; morve aiguë latente; mort; autopsie. Ibid., 1861, 17: 17-31.—Sakrepa, N. G. Ein Fall von chronischem Rotz beim Menschen. Arch. Derm. Syph., Berl., 1926, 152: 12-5.—Shustierov, G. A. [Case of glanders in a woman] Vener. dermat., Moskva, 1929, 6: 32-6.—Sobol, I. A case of chronic nasal glanders. Acta otolar., Stockh., 1932-33, 18: 500-9.—Tang, F. F., Liu, S. H., & Kau, L. S. A case of glanders in man. Chin. M. J., 1935, 49: 248-55.—Tryb, A. Rotz als Berufs-krankheit. In Schädigungen d. Haut. (Ullmann, K.) Lpz., 1926, 2: 419-30.—Visaguet, Observation de morve aiguë chez un phthisique. J. méd. vét., Lyon, 1857, 13: 20-7.—Whitby, L. E. H. Glanders. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 5: 555-8.

Immunology.

DJEMIL, K. *Morve et immunité anti-morveuse [Alfort] 55p. 8° Laval, 1933.

Beller, K., & Zühdi, M. Allergiestudien bei Malleus. Zschr. Infektkr. Haustiere, 1935, 48: 117-37.—Descazeaux, J., Guillot, G., & Courtaud, R. Note sur l'obtention d'un sérum riche en sensibilisatrices antimalleïniques. C. rend. Soc. biol., 1939, 130: 24-6.—Galtier, V. Récidive de la morve; aggravation de la maladie par l'inoculation simultanée du virus dans 2 régions différentes. Bull. Soc. sc. vét. Lyon, 1901, 4: 115-7.—Leblanc, Sur la récédive de la morve. Bull. Soc. centr. méd. vét., Par., 1900, 54: 80-3.—Legroux, R., Kemal-Djemil & Jérôme, C. Immunisation des cobayes contre la morve. C. rend. Acad. sc., 1932, 194: 2088-90.—Marxer, A. Die Immunisierung gegen Malleus. Erg. Hyg., 1920, 4: 383-96.—Tsuru, K. Ueber die immunologischen Untersuchungen der Rotzbazillen. J. Orient. M., Dairen, 1925-26, 4: 55.—Vyshesky, S. N., & Makkaveisky, V. N. [Experimental study of immunity in experimental and natural infection in glanders: conjunctival mallein reaction and complement fixation] Eksp. vet., Moskva, 1926, 3: 114-68.

Pathology.

PAIREMAURE, O. *Etude expérimentale sur la morve; nouvelles relations entre la morve et la mélioirose [Alfort] 80p. 8° La Rochelle, 1929.

Agulnik, M. A. [Glanders of the trachea in horse] Tr. inst. eksp. vet. med., Moskva, 1930, 7: 57-62.—Arndt, H. J. Zur Frage des Vorkommens von Lipoiden in Rotzknötchen. Zschr. Infektkr. Haustiere, 1927, 31: 221-5.—Ascoli, A., & Nai, D. Sul fenomeno dell'anacoresi; l'anacoresi nell'infezione morvea; l'anacoresi di fronte all'attrazione naturale dei tessuti. Biochim. ter. sper., 1930, 17: 249-66.—Balogh, E. [Histology of pulmonary glanders] Magy. orv. arch., 1930, 31: 402-4, pl. Also Verh. Deut. path. Ges., 1930, 25: 358-69, pl.—Beitzke, H. Rotz der Knochen und Gelenke. In Handb. spez. path. Anat. (Lubarsch & Henke) 1934, 9: pt 2, 589-93.—Bohl, B. K. Der Lungenrotz der Pferde. Zschr. Infektkr. Haustiere, 1929, 35: 1-39.—Delarbeyrette, Recherches expérimentales sur la transmission de la morve du cheval au chien et réciproquement, faites à l'École Vétérinaire de Lyon en 1865-66. J. méd. vét., Lyon, 1866, 22: 307-29.—Ivanov, B. G. Der Rotz der Unterkiefer und Bronchiallymphknoten des Pferdes. Zschr. Infektkr. Haustiere, 1929, 35: 101-23.—Leisering, Anatomie pathologique de la morve. J. méd. vét., Lyon, 1865, 21: 157-69.—Martin, A. Estudio anatómico-patológico del muermo. Congr. internat. med. farm. mil., Madr., 1933, 7. Congr., 5: Vet. sect., 65-123.—Nowicki, W., & Panek, K. Histopathologie de la réaction provocatrice chez les chevaux morveux. C. rend. Soc. biol., 1931, 106: 851-4.—Pairemaure, O. Etude expérimentale sur la morve; nouvelles relations entre la morve et la mélioirose. Bull. Acad. vét. France, 1930, 3: 40.—Petrov, A. M., & Gurwitsch, B. M. Die Oxydaseraktion in den Rotzknötchen bei Pferden. Zschr. Infektkr. Haustiere, 1927, 31: 290-4.—Sadovsky, I. Y. [Experimental glanders in cats] J. mikrob., Moskva, 1928, 5: 41-8.—Pinus, A. Zur Frage des Vorkommens von Lipoiden in Rotzknötchen der Pferdellunge. Zschr. Infektkr. Haustiere, 1926, 30: 2-6, pl.—Sabotolny, S. S. Weitere Beobachtungen über Rotz bei weissen Mäusen. Zbl. Bakt., 1. Abt., 1928, 107: 232.—Spinner, H. Zur Kenntnis der pathologischen Histologie des Rotzes an Hand von menschlichem und experimentellem Beobachtungsmaterial. Frankf. Zschr. Path., 1925-26, 33: 327-48.—Takabashi, K., & Sakamoto, K. Beiträge zur pathologisch-anatomischen und histologischen Veränderungen von chronischem Rotz bei Pferde in Südmanschurie, China. J. Orient. M., Dairen, 1929, 11: 21.—Trasbot, Sur l'anatomie pathologique du goître et les lésions de la morve laryngo-trachéale chez

le cheval. Bull. Soc. centr. méd. vét., Par., 1877, 31: 336-44.—**Tscherniak, W. S.** Zur Kasuistik der durch Rotz hervorgerufenen Veränderungen des Myokards und der Nebennieren bei Pferden. Berl. tierärztl. Wschr., 1929, 45: 488-90.

— Prevention, and control.

See also subheading Immunology.

MOUROT, C. A. F. *Contribution à l'étude clinique de la morve chronique; essais de prophylaxie [Alfort] 62p. 8° Par., 1929.

Beller, K. Neue Wege der Malleus-Bekämpfung in der Türkei. Berl. tierärztl. Wschr., 1935, 51: 625-7.—**Lothes, R.** Zur Tilgung des Rotzes in der Rheinprovinz. Ibid., 1939, 55: 665-71.—**Ostertag, von.** Das bevorstehende Ende des Auftretens der Rotzkrankheit beim Pferde und bei den übrigen Einhufern in Deutschland. Zschr. Fleisch Milchhyg., 1925-26, 36: 145.—**Sánchez Hernández & Gargallo Vara.** Estudio clínico y profilático del muermo. Congr. internat. med. farm. mil., 1933, 7. Congr., 5: Vet. sect., 3-51.—**Schnürer, J.** Zur Rotztilgung in Oesterreich im Jahre 1852. Wien. tierärztl. Mschr., 1925, 12: 492-5.—**— & David, H.** Zur Rotztilgung in Oesterreich in den Jahren 1916-1926. Zschr. Infektkr. Haustiere, 1927-28, 32: 206-31.

— Treatment.

Bierbaum, K. Chemotherapeutische Versuche mit Arsenpräparaten an rotzkranken Pferden. Zschr. Infektkr. Haustiere, 1927, 31: 259-89.—**Bohl, K. H.** Der Rotz beim Pferde. Deut. tierärztl. Wschr., 1927, 35: 727.—**Brun.** Sur la curabilité de la morve. Bull. Soc. centr. méd. vét., Par., 1903, 57: 546-51.—**Hengeveld.** Emploi de l'iodure de cuivre contre la morve et le farcin. J. ind. vét., Lyon, 1854, 10: 461.—**Moulleron.** Quatre observations de morve guérie. Bull. Soc. centr. méd. vét., Par., 1903, 57: 530-41.—**Rey, A.** Traitement de la morve du cheval par les arsénites de strychnine. J. méd. vét., Lyon, 1861, 17: 150-6. Résultats négatifs fournis par l'emploi du biarsénite de strychnine dans le traitement de la morve du cheval. Ibid., 305-23. Existe-t-il une morve amoindrie, une morve curable? Ibid., 401-11.—**Schaack.** Guérison du farcin et des glandes suspectes obtenue sur plusieurs sujets au moyen de la cautérisation pratiquée avec le fer chaud et le goudron bouillant. Ibid., 1854, 10: 422-7.—**Tabourin, F.** Essai du brome et du bomeure et potassium dans le traitement du farcin et de la morve. Ibid., 1851, 7: 337-65.

GLANDERS bacillus [Malleomyces]

Ciferri, R., & Redaelli, P. Sulla posizione sistematica dell'agente patogeno del farcino equino. Boll. Ist. sieroter. milan., 1934, 13: 846-53.—**Clarke, H.** A study of *Bacterium mallei*, with special reference to the körnige form. Cornell Vet., 1914-15, 4: 164-70.—**Favia, N.** Contributo alla dissociazione del *Bacterium mallei*. Ann. igiene, 1933, 43: 715-20, pl.—**Gurvitsch, B. M.** Zur Differenzierung virulenter und avirulenter Rotzkulturen mittels des Phänomens der Methylenblaureduktion. Zbl. Bakt., 1. Abt., 1928, 108: 177-85.—**Haupt, H.** Zur Frage der Verwandtschaft des *Actinobacillus lignieresii* Brumpt 1910, des *Bacillus equuli* van Straaten 1918 und des *Bacillus mallei* Flüge 1886. Arch. wiss. prakt. Tierh., 1933-34, 67: 513-24.—**Mori, K.** Study of agglutination of glanders-bacilli. J. Orient. Med., Dairen, 1937, 27: 103.—**Pagnini, U.** Ricerche sperimentali sull'associazione *B. mallei*/Str. pyogenes. Gior. batt. immun., 1937, 18: 612-23.—**Sakamoto, K.** Studies on the specific substance of *B. mallei*. J. Jap. Soc. Vet. Sc., 1932, 11: 246-55.—**Toyoshima, T., K. Okuda** [et al.] On the variant types of *Bacillus mallei*; transformation, morphology of colony and bacterial cell, cultural behavior, virulence of types. Ibid., 1931, 10: 265-71, 3 pl.

— Mallein.

See also Glanders, Diagnosis.

Bacanu, C. Sensibilit  des cobayes tuberculeux   la malleine. C. rend. Soc. biol., 1935, 119: 1089.—**Beller, K.** Ein weiterer Beitrag zur quantitativen Wertbestimmung des Malleins. Zschr. Infektkr. Haustiere, 1933, 44: 261-80.—**Probrashensky, A. M.** Versuch einer pharmakologischen Charakteristik des Malleins. Zschr. Immunforsch., 1928, 58: 318-34.—**Tahsin, S.** Zur Wertbestimmung des Malleins (vorläufige Mitteilung) Zschr. Infektkr. Haustiere, 1927-28, 32: 185-205.—**Umezu, M.** Studies on the purification of mallein. J. Jap. Soc. Vet. Sc., 1933, 12: 127, pl.—**—** Studies on the purification of mallein; chemical analysis of glanders bacillus and proteins obtained from its culture, as well as its nitrogen and carbohydrate metabolism. Ibid., 1936, 15: 23.—**Urbain, A., Thi ry, J. P.** [et al.] Titration in vitro et in vivo de la malleine. C. rend. Soc. biol. 1940, 133: 344.

GLANDORF, Heinrich, 1906- *Ein Beitrag zur Klinik der Rückenmarksangiome [Kiel] 14p. 8°. Quakenbrück, R. Kleinert, 1936.

GLANDULA.

See Gland; also proper names of glands.

GLANDULAR fever.

See Mononucleosis.

GLANG, Susanne, 1907- *Ueber zwei Fälle von Ureteren-Implantation in den Darm [Königsberg] 28p. 8°. Gütersloh, Thiele, 1936.

GLANGER, Salomon, 1907- *Contribution à l'étude des accidents cutan s de la chrysoth rapie: la pigmentation aurique. 56p. 8°. Par., L. Rodstein, 1934.

GLANS.

See Balanoposthitis; Clitoris; Penis.

GLANTZ, Leib. *De l'immunisation   l'aide de m langes neutres de venin et d'antivenin; venin de *Crotalus terrificus* et s rum anticrotalique. 19p. 8°. Lausanne, 1913.

GLANTZBERG, Herman, 1910- *Ueber die prognostische Bedeutung des Herpes bei Grippe und Pneumonie. 22p. 23cm. Berl., R. Pfau, 1936.

[GLANVILL, Joseph] Lux orientalis; or, Praeexistence of souls. 212p. 8°. London, 1662.

Bound with his Vanity of dogmat., Lond., 1661.

— Vanity of dogmatizing; or, Confidence in opinions. 269p. 8°. London, E. C. for H. Eversden, 1661.

GLANVILLE, Bartholomaeus de, ca 1350. De proprietatibus rerum. 326 l. fol. [Heidelberg] [Heinrich Knoblochtr, May, 21, 1488.

— The same. De genuinis rerum coelestium, terrestrium et inferarum proprietatibus lib. XVIII [ed. Georg Bartholdus] 1276p. 8°. Francofurt, Nic. Stein, 1601.

See also Walsh, J. J. Bartolomeus Anglius; de proprietatibus rerum. Med. Lib., 1933, 40: 453; 547.

GLANZ, Erich, 1909- *Der Wirkungsmechanismus der Kurz- und Ultrakurzwellen (unter Ber cksichtigung der zahn rztlichen Indikationen) [M nchen] 24p. 8°. Dachau, A. Steigenberger, 1937.

GLANZMANN, Eduard, 1887- Das lymphamoide Dr senfieber. 235p. 3 pl. 8°. Berl., S. Karger, 1930.

Forms Heft 25, Abb. Kinderh.

— Akute Exantheme. p.299-466. 8°. Berl., 1934.

In Handb. inn. Med. (Bergmann, G. [et al.] Berl., 1934, 1:

— Die rheumatische Infektion im Kindesalter mit besonderer Ber cksichtigung der Grenzgebiete. 83p. illust. pl. facsim. diagrs. 8°. Lpz., G. Thieme, 1935.

— Einf hrung in die Kinderheilkunde; in 115 Vorlesungen f r Studierende und Aerzte. vii, 512p. illust. 25cm. Wien, J. Springer, 1939.

Also editor Zeitschrift f r Vitaminforsch., Bern, v. 6-8, 1937-39.

GLAPHYROSTOMUM.

See also Trematoda.

Werby, H. J. *Glaphyrostomum sanguinolentum*, a new trematode. J. Parasit., Urbana, 1927-28, 14: 183-7, pl.

GLARE.

See also Automobile, Headlight; Blindness, solar; Eye, Radiobiology; Eye injury, Radiant energy; Light; Lighting; Light-sense; Photophobia; Retina, Adaptation.

STRICKER, E. *Beitrag zur Kenntnis der Augenver nderungen nach Sonnenblendung. 47p. 8°. Strassb., 1914.

Albers, E. C., & Sheard, C. The tolerance of light in non-photophobic individuals. *Am. J. Ophth.*, 1936, 3. ser., 19: 407-12.—Atkins, E. W. The efficiency of the eye under different intensities of illumination. *J. Comp. Psychol.*, 1927, 8: 1-37.—Bogoslavsky, A. I. [Conditional-reflex changes of differential sensitivity of the eye to glare] *Biull. eksp. biol. med.*, 1939, 8: 272-5.—Clamann, H. G. Ueber die Möglichkeit von Augenschädigungen durch Sonnenstrahlung beim Höhenflug. *Deut. Militärarzt*, 1936, 1: 160.—Comberg, W. Ein neues Verfahren zur Untersuchung der Dämmerungssofortleistung und der Blendungsempfindlichkeit. *Ber. Deut. ophth. Ges.*, 1938, 52: 11-20. Also *Zbl. ges. Ophth.*, 1938, 41: 349.—DeSilva, H. R., & Robinson, P. Light eyes and glare sensitivity. *Science*, 1938, 88: 299.—Desrivieres, E., Faillie, R. [et al.] Réactions psychomotrices visuelles en relation avec l'éblouissement par projecteur d'automobile. *C. rend. Acad. sc.*, 1933, 197: 699-701.—Escher-Desrivieres, J., & Faillie, R. Les effets à longue échéance de l'éblouissement. *Bull. Soc. opt. Paris*, 1937, 19-22. — & Jonnard, R. Réactions psychomotrices visuelles consécutives à une illumination intense de l'œil. *C. rend. Acad. sc.*, 1934, 198: 1325-8.—Giannantonio, C. A. Contributo alla conoscenza delle conseguenze dell'abbagliamento da luce solare e da luce elettrica. *Lettura oft.*, 1929, 6: 393-423.—Harbinson, M. R., & Bartlett, F. C. An investigation of the relation between discomfort and disability resulting from glaring light. *Brit. J. Psychol.*, 1934, 24: 313-9.—Heuven, J. A. van Ueber die Sehschärfe bei übermässiger Beleuchtung. *Acta ophth. Kbh.*, 1937, 15: 109-27.—Joyce, A. de B. Glare. *J. R. Nav. M. Serv.*, 1937, 23: 53-64.—Kuwabara, I. Ueber den Einfluss der Blendung auf die Sehschärfe. *Okayama igakkai zasshi*, 1936, 48: 1153-6.—Livingston, P. C. The study of sun glare in Iraq. *Brit. J. Ophth.*, 1932, 16: 577-80.—Lohmann, W. Ueber die subjektive (physikalisch-physiologische) Blendung des Auges. *Arch. Augenh.*, 1917, 82: 150-78.—Luckiesh, M. General considerations and definitions of glare and visibility. *Tr. Illum. Engin. Soc.*, 1927, 22: 542-6. — & Holladay, L. L. Measuring visibility under preventable glare. *J. Optic. Soc. America*, 1939, 29: 215-7.—Maggiore, L. Contributo sperimentale alle alterazioni retiniche nell'occhio umano esposto a luce intensa. *Ann. ottalm.*, 1933, 61: 81-98, pl.—Mathewson, G. H. Damage caused to the eye by strong light. *Canad. M. Ass. J.*, 1930, 22: 526.—Nowakowski, B. A. The measurement of glare. *Am. J. Hyg.*, 1926, 6: 1-31.—Pell, W. E. How the effects of glare are measured at Johns Hopkins. *Eye Ear & Month.*, 1931, 10: 215.—Pol, W. [Preliminary examination of the sensibility of the eye to blinding light] *Lek. wojsk.*, 1936, 27: 730-4.—Samosonova, V. G. [Investigation of the sensibility of the eye to gradually varying glare] *J. physiol. USSR*, 1939, 26: 142-53.—Schläpfer, H. Ueber das Wesen des Blendungsschmerzes. *Zschr. Augenh.*, 1934-35, 85: 221.—Silberg, D. [Effect of strong glare on the restoration of sight; importance of the site of excitation of the retina and glare of the field of adaptation] *J. physiol. USSR*, 1939, 26: 135-41.—Stiles, W. S. The effect of glare on the brightness difference threshold. *Proc. R. Soc., Lond.*, 1929, ser. B, 104: 322-51.—Vogt, A. Augenschädigungen durch grelle Lichtquellen. In *Festschr. H. Zangger, Zür.*, 1935, 1: 343-53, pl.—Zaiontzekovsky, M. [Effect of various strength of light on the curve of adaptation in the dark] *Voen. san. delo*, 1929, 75-82.—Zolina, Z. M. [Effect of central glare on the discriminating sensitivity of the eye] *J. physiol. USSR*, 1940, 28: 303-6.

— Prevention.

Ferree, C. E., & Rand, G. Lighting without glare. *Arch. Ophth.*, Chic., 1932, 8: 31; 1933, 9: 344. — A glareless bed reading and examining lamp with variable intensity and placement of light. *Am. J. Ophth.*, 1933, 3. ser., 21: 882-90.—Grant, L. Prevention of eye strain and light glare. *Med. Press & Circ.*, Dubl., 1934, 188: 85; 110.—Montanelli, G. Luce e vista; nota sull'effetto delle variazioni della illuminazione sull'acutezza visiva e considerazioni in riguardo alla profilassi visiva. *Lettura oft.*, 1931, 8: 634-43.—Sherwood, L. T. Glass to moderate glare and heat from windows. *Tr. Illum. Engin. Soc.*, 1937, 32: 665-86.—Vandegrift, G. W. The light sense and defense against glare. *Eye Ear & Month.*, 1935-36, 14: 168.

GLAS, Emil, 1877—Der Schnupfen, seine Komplikationen und seine Behandlung. 2 p. l. 58p. 8 illust. 8° Wien, J. Springer, 1931.

GLAS, Norbert. Kinderkrankheiten als Entwicklungsstufen des Menschen. 2. Aufl. 159p. 8° Wien, Weidmann & Co., 1937.

GLASER, Adolf, 1899—*Beitrag zur Prognose des Dickdarmcarcinoms. 34p.; 41p. 8° [Lpz.] 1926.

GLASER, Adolf, 1909—*Die Diagnose und Therapie der selteneren Lokalisationen der weiblichen Gonorrhoe. 49p. 8° Würzb., Gebr. Memminger, 1935.

GLASER, Alexander, 1909—*Die Bedeutung des Glutathions für den Stoffwechsel. 16p. 8° Münch., C. Wolf & Sohn, 1936.

GLASER, Erika, 1911—*Erfahrungen über Anastomosen zwischen Gallensystem und Magen-Darmtraktus. 31p. 8° Heidelb., H. Fährer, 1937.

GLASER, Franz, 1900—*Encephalitis epidemica mit Krämpfen im Kindesalter (Encephalitis meningitica seu convulsiva) [Breslau] 19p. 8° Lpz., F. C. W. Vogel, 1925.

GLASER, Georg, 1854—Good, G. Nekrolog. *Schweiz. Arch. Neur. Psychiat.*, 1934, 34: 184.

GLASER, Heinz, 1904—*Untersuchungen über die mechanischen Eigenschaften gelöteter und vergüteter Apparaturen mit besonderer Berücksichtigung der Eignung 18- und 20 karätiger leichtfließender Lote [Frankfurt] p.35-59. 8° Berl., H. Meusser [1932]

GLASER, Hermann. *Ueber die Cephalothoracopagen und einen Prosopothoracopagus disymmetros vom Schwein [Zürich] p.601-39. 8° Berl., J. Springer, 1928.

Also *Arch. Entwemch.*, 1928, 113:

GLASER, Hermann, 1908—*Gestörtes Epiphysenwachstum im Röntgenbild. 24p. 2 pl. 22½cm. Würzb., R. Mayr, 1936.

GLASER, Herta, 1903—*Die Entwicklung des Parodontoseproblems in Frankreich [Frankfurt a. M.] p.51-65. 8° Berlin, J. Springer, 1931.

Also *Deut. Mschr. Zahnh.*, 1931, 49:

GLASER, Hilde, 1901—*Fremdkörperaspiration im Kindesalter. 16p. 8° Bresl., 1927.

GLASER, Hugo. Oesterreichs grosse Aerzte von Paracelsus bis Holzknecht. 71p. illust. 12° Wien, Steyrermühl, 1935.

GLASER, Ilse, & WAAS, Maria. Haltungs-schulung. vii, 70p. illust. 8° Stuttg., F. Enke, 1937.

GLASER, Kurt. *L'hémangiome de la parotide [Lausanne] 31p. 22½cm. Genève, Impr. & Ed. Union S. A., 1939.

GLASER, Rudolf, 1906—*Tierexperimenteller Beitrag zur intravenösen Anwendung von Kohle (Carbion-Merck) 28p. pl. 8° Giessen, R. Glogow, 1931.

GLASER, Siegfried, 1907—*L'hygiène de l'industrie du chanvre. 36p. 8° Par., L. Rodstein, 1935.

GLASER, Walter, 1901—*Ueber Tuberkulose der Mundschleimhaut und der Zunge mit casuistischen und statistischen Beiträgen. 42p. 8° Berl. [n. pub.] 1927.

GLASER, Werner, 1908—*Untersuchungen über allergische Reaktionen bei tierexperimenteller Oidiomykose. 47p. 8° Berl., M. Schneller, 1934.

GLASER, Wilhelm Robert, 1903—*Zur Theorie der Giftwirkungen (Beziehungen zwischen Konzentration und Einwirkungszeit) [Würzburg] p.410-32. 8° Berl., J. Springer, 1927.

Also *Zschr. ges. exp. Med.*, 1927, 56:

GLASER, Willy, 1909—*Versuche am Atemzentrum [Kiel] 20p. 8° Libau, G. D. Meyer, 1933.

GLASERMAN, Maurice, 1907—*Etude de l'atélectasie massive dans la tuberculose pulmonaire. 57p. 8° Par., A. Legrand, 1934.

GLASGOW, Scotl. Lanarkshire Mental Hospitals joint Committee; Lanark District Board of Control. Annual report. Glasg., 8.-16., 1921-30; 1., 1930-

GLASGOW, Scotl. Medical Officer of Health. Report. Glasg., 1908—

— Report (Census) Glasg., 1911.

— Vital statistics (report) Glasg., pt 2, 1886.

GLASGOW, Scotl. Public Health Department. A review of the milk supply of Glasgow in relation to pasteurisation. 52p. fol. Glasg., Bell & Bain [1937]

GLASGOW, Scotl. Royal Maternity and Women's Hospital. Medical reports. Glasg., 1927-31; 1934—

GLASGOW, Scotl. Royal Medico-Chirurgical Society. Transactions. Glasg., v.1, 1897—

See also Oliphant, E. H. L. The Royal Faculty of Physicians and Surgeons of Glasgow. Glasgow M. J., 1928, 109: 152-8, pl.—Royal (The) Medico-Chirurgical Society of Glasgow; centenary celebration. Ibid., 1920, 93: 49-80. Also Tr. R. Med. Chir. Soc. Glasgow, 1921, 14: 1-32.

GLASGOW, Scotl. Royal Philosophical Society. Proceedings. Glasg., v.55, 1926-27.

GLASGOW, Scotl. Sanitary Department. Annual reports. Glasg., 27-45., 1914—

GLASGOW, Scotl. University. Glasgow University calendar. Glasg., 1875—
Incomplete.

GLASGOW, Scotl. University. Medical School.

Fergus, A. F. Recollections of Glasgow and its University. Glasgow M. J., 1928, 109: 198-218, pl.—MacAlister, D. Note on the Medical School of Glasgow University, 1828-1928. Glasgow M. J., 1928, 109: 102-4, pl.—Wright, J. H., & Orr, J. L. The Glasgow Medical School. Ibid., 1933, 120: 103-10.

GLASGOW, Scotland.

Henderson, J. The position of extra-mural teaching in Glasgow in 1828 and its progress during the century. Glasgow M. J., 1928, 109: 159-63.—MacGregor, A. S. M. Corporation of Glasgow Public Health Department; summary of health statistics for 1934. Ibid., 1935, 123: 86-9.—McKail, D. Notes on the report of the medical officer of health of the City of Glasgow for 1937. Ibid., 1939, 131: 173-80.—McLean, H. A. Notes on some old Glasgow institutions with medical associations. Ibid., 1910, 74: 179; 263.—Report of the M. O. H. for the city of Glasgow for 1933. Ibid., 1935, 123: 229-33.

GLASGOW Corporation Public Libraries. Union catalogue of additions to the libraries; classified, annotated and indexed. Pt 2. viii [700]p. 8°. Edinb., Comm. Libr., 1934.

GLASGOW (The) Lister Memorial Committee. Lister and the Lister ward; a centenary contribution. xvi, 132p. 18 pl. 26cm. Glasg., Jackson, Wylie & Co., 1927.

GLASGOW (The) medical journal. Glasg., v.105, 1926—

See also Glasgow (The) Medical Journal and its editors. Glasgow M. J., 1928, 109: 73-101, 14 portr.

GLASS, Alexander.

See Müller, Georg, & Glass, Alexander. Diseases of the dog [&c.] 5. ed. rev. & enlarged. 655p. 8° Chic., 1926. Also 5. ed. repr. 655p. 8° Chic., 1937.

GLASS, Artur von, 1894— *Beitrag zur Geschichte, Herstellung und zu den Eigenschaften der künstlichen Zähne [München] 31p. 8°. Berl., 1931.

GLASS, David V. The struggle for population. x, 148p. tab. ch. 8° Oxf., Clarendon Press, 1936.

GLASS, Godehard, 1910— *Die Klinik der Cystennieren. 71p. 8° Lpz., A. Edelmann, 1935.

GLASS, Wolfgang [Julius Siegfried] *Ueber das Lupus- Carcinom [Leipzig] 28p. 8°. Zeulenroda, A. Oberreuter, 1935.

GLASS.

See also Ceramics; Glass industry; Glassware. Hoffmann, J. Verfärbung von Gläsern und einigen Mineralien durch β - und γ -Strahlen. p.203-230. 8° Wien, 1930.

Blau, H. H. Causes of opalescence in glasses: silicon, sodium, calcium, oxygen, fluorine series. Bull. Univ. Pittsburgh, 1935, 32: No. 1, 21-8.—Fisher, G. E. Analysis of glass. In Standard Meth. Chem. Analysis (Scott, W. W.) 5. ed., N. Y., 1939, 2164-9.—Horn, D. W. Positive reaction of glass upon orthotolidine. Am. J. Pharm., 1936, 108: 324-33.—Ronnet, L. Analyse chimique du verre ordinaire. Ann. falsif., Par., 1918, 11: 26-31.—Sarton, G. Chinese glass of the beginning of the Confucian age. Isis, Bruges, 1936, 25: 73-9.—Sharp, D. E. Chemical composition of commercial glasses. Indust. Engin. Chem., 1933, 25: 755-64.—Shtshukarev, S. A., & Müller, R. L. Untersuchung der elektrischen Leitfähigkeit von Gläsern; System $B_2O_3-Na_2O$. Zschr. phys. Chem., 1930, 150: 439-75.—Teissl, L. Verbund- oder Hartglas? Zschr. Gewerbehyg., 1934, 41: 131-5.

— optical.

See also Eyeglass; Glass industry, optical; Optics.

Finn, A. N. Optical glass at the National Bureau of Standards. J. Optic. Soc. America, 1938, 28: 13-7.—Lauber, H. Ueber optisch wirksame Sicherheitsgläser. Zschr. Augenh. 1931-32, 76: 238-41.—Mathaei, R. Vorführung entoptischer Gläser aus Goethes Nachlass. Sitzber. Phys. med. Soz. Erlangen (1938) 1939, 70: 27-31.

— Pathological effect.

Krsek, H., & Mělka, J. [Experimental tests with powdered glass administered in food and injected into the circulatory system in rabbits and frogs] Bratisl. lek. listy, 1929, 9: 1151-7.—Scheel, I. Ist der Genuss von Glassplittern gesundheits-schädlich? Münch. med. Wschr., 1930, 77: 682.

— Transmission of radiation.

See also Lamp; Radiation; Ultraviolet rays; Window.

DIESINGER, W. *Ueber Ultraviolett-durchlässiges Glas. 40p. 8° Marb., 1931.

PTOK, W. *Ueber die Verwendungsmöglichkeiten von Ultraviolett-Glas und die Ergebnisse der versuchsweisen Anwendung an den Schulen in Derschau und Luboschütz. 20p. 8° Bresl., 1936.

Anderson, C. W. Glass permeable to ultra-violet rays in relation to the health of school children. Med. Off., Lond., 1931, 45: 227-30.—Arrol, W. J. Change of ultra-violet transparency of glass with temperature. Nature, Lond., 1940, 145: 861.—B. Ultraviolett-durchlässiges Glas. Med. Welt, 1927, 1: 1610.—Brikker, F., Zilbert, I. [et al.] [Experimental-biological analysis of uvioi glass of Soviet manufacture] Vrach. delo, 1934, 17: 785-8.—Brunn, Ein Beitrag zur Frage der Zweckmässigkeit ultraviolett-strahlendurchlässigen Fenster-glases in Schulzimmern. Zschr. Gesundhverwalt., 1930, 1: 321.—Bundesen, H. N., Lemon, H. B. [et al.] Ultraviolet radiation from sunlight and incandescent lamps, its transmission through window glass and substitutes. J. Am. M. Ass., 1927, 89: 187-9.—Coblentz, W. W. Summary data on the transmissibility of ultra-violet radiation through glasses and glass substitutes used for therapeutic purposes. Tr. Nat. Tuberc. Ass., N. Y., 1928, 24: 71-109. — The status of window materials for transmitting ultraviolet radiation. Med. J. & Rec., 1930, 132: 596-8. — Ultraviolet transmitting glasses; specification of minimum transmission; spectral range of therapeutic value. J. Am. M. Ass., 1930-31, 95: 864.

& Stair, R. Ultra-violet transmission changes in glass as a function of the wave-length of the radiation stimulus. Proc. Nat. Acad. Sc. U. S., 1934, 20: 630-5.—Danckwert, P. W., & Jürgens, E. Die Durchlässigkeit von Gläsern für ultraviolettes Licht, gemessen am Fluoreszenzschirm. Arch. Pharm., Berl., 1934, 272: 713-5, pl.—Dannmeyer, F. Glühlampe mit UV-durchlässigem Glase. Strahlentherapie, 1927, 26: 413-8.—Davidovich, P. Commercial glass transmitting ultraviolet light. J. Optic. Soc. America, 1930, 20: 627-41.—Dorno, C. Ultraviolett-durchlässiges Glas. Strahlentherapie, 1928, 29: 20; 32; 389.—Eddy, W. H. The use of ultra-violet light transmitting windows. Am. J. Pub. Health, 1928, 18: 1470-9.—Eisenberg, K. B. Ueber die hygienische Bedeutung der für ultraviolette Strahlen durchlässigen Fenstergläser. Gesundh. Ingenieur, 1928, 51: 465-7.—English, S. A new ultra-violet ray transmitting glass [Holviglass] Brit. J. Actinother., 1928-29, 3: 13.—Erk, S. Die Licht- und Wärmestrahlungsdurchlässigkeit von Fensterglas. Gesundh. Ingenieur, 1934, 57: 237.—Gilard, P., Swings, P., & Hautot, A. Sur la perméabilité des verres aux radiations ultra-violettes. Bull. Acad. Belgique, cl. sc., 1931, 5. ser., 17: 255; 362, 13 diag.—Grube, H. P. Prüfungen an ultraviolett-durchlässigen Fenstergläsern. Zschr. ges. phys. Ther., 1933, 44: 134-40.—Hausmann, W., & Krumpel, O. Ueber die Durchlässigkeit ungefärbter Gläser für ultraviolette Strahlen in ihrer hygienischen Bedeutung. Wien. klin. Wschr., 1927, 40: 270-81. — Ueber den Einfluss der unter Alltagsbedingungen stattfindenden Verstaubung und Verschmutzung auf die Durchlässigkeit von Fenstergläsern und Quarzplatten im Ultraviolett. Strahlentherapie, 1928, 29:

353-7.—**Higbie, H. H., & Bull, H. S.** How glass affects your daylighting. Tr. Illum. Engin. Soc., 1931, 26: 219-57, 2 pl.—**Hobbie, E. H., & Little, W. F.** Transmission of light through window glass. *Ibid.*, 1927, 22: 258-75.—**Koch, J., & Widmark, E.** [Absorption of ultraviolet light by window glass and some other new kinds of glass] Hygiea, Stockholm, 1928, 90: 414-23.—**Kollath, W.** Ueber die hygienische Bedeutung des Lichtes, insbesondere über den Verwendungsbereich ultraviolett-durchlässiger Fenstergläser in der Grossstadt. Arch. Hyg., Münch., 1929, 102: 287-303.—**Lamplough, F. E.** The properties and applications of vitra glass. J. R. Nav. M. Serv., 1929, 15: 290-5. Also Med. Press & Circ., Lond., 1929, n. ser., 127: 431-5.—**Löwenthal-Lovenati, M., & Cante, V.** Esperienze nella scuola con vetro permeabile per i raggi ultravioletti. Igiene mod., 1930, 23: 313-5.—**Mannheim, M.** Ultraviolettglas. Med. Welt, 1927, 1: 1654-7.—**Miller, R. A., & Black, L. V.** Transmission of radiant energy through glass. Tr. Am. Soc. Heat. Ventil. Engin., 1932, 38: 63-76.—**Morrell, C. C.** Note on a new glass permeable to U.V. rays. Brit. J. Actinother., 1928-29, 3: 129.—**Neumark, E.** Ultraviolett-durchlässiges Fensterglas; seine Prüfung und Anwendungsmöglichkeiten. Deut. Zschr. öff. Gesundheitspfl., 1928, 4: 98-110.—**Die praktische Bedeutung des ultraviolett-durchlässigen Fensterglasses.** Strahlentherapie, 1931, 40: 784-8.—**Nijkkerk, M.** [Ultraviolet rays through Wood's glass] Ned. tsschr. geneesk., 1928, 72: pt. 2, 4482.—**Peemöller, F., & Dannmeyer, F.** Das UV-Glas. Strahlentherapie, 1928-29, 31: 379-88.—**Pfeiderer, H.** Der hygienische Wert des ultraviolett-durchlässigen Fensterglasses. *Ibid.*, 1928, 30: 737-45.—**Pfund, A. H.** A practical window for transmitting ultraviolet rays. J. Am. M. Ass., 1928, 91: 18. Also repr.—**Pickhan, A.** Gesundheitsförderndes Fensterglas. Deut. med. Wschr., 1929, 55: 235.—**Randall, W. C., & Martin, A. J.** Making your windows deliver daylight. Tr. Illum. Engin. Soc., 1927, 22: 239-57.—**Salmony, A.** Ultraviolett durchlässiges Fensterglas und seine therapeutische Verwendung. Zschr. ges. phys. Ther., 1927-28, 34: 75-80.—**Therapeutisch hochwertiges Fensterglas (U.V.-Glas)** Zschr. Schulgesundhpfl., 1928, 41: 324-7.—**Schubert, M.** Versuche mit Ultraviolett durchlässigen Fenstergläsern. Derm. Zschr., 1929-30, 57: 358-61.—**Starkie, & Turner.** Ultra-violet glasses. Brit. J. Radiol., 1928, n. ser., 1: 395.—**Suhrmann, R., & Breyer, F.** Untersuchungen über ultraviolett-durchlässiges Glas. Strahlentherapie, 1931, 40: 789-94.—**Tagaki, I.** Ueber die Durchlässigkeit ungefärbter Gläser für ultraviolette Strahlen in ihrer hygienischen Bedeutung. *Ibid.*, 1927, 25: 580-90.—**Waltner, K.** Die Ergebnisse der biologischen Untersuchung eines U. V. Glases. Mschr. Kinderh., 1933, 58: 195-9.—**Wood, A. R.** Ultra-violet glasses. Brit. J. Radiol., 1930, n. ser., 3: 547-52. Also Arch. Phys. Ther., 1931, 12: 163-5.—**Leathwood, M. N.** Glasses transparent to ultra-violet radiation. Am. J. Phys. Ther., 1929-30, 6: 359.—**Wyman, E. T., Smith, L. W.** [et al.] The value of different types of glass for transmitting ultraviolet light. Am. J. Dis. Child., 1929, 37: 473-82.—**Zimmermann, M.** Ueber die Durchlässigkeit verschiedener Glasarten für ultraviolette Strahlen. Klin. Wschr., 1927, 6: 2384.

GLASSBERG, A. Die Beschneidung in ihrer geschichtlichen, ethnographischen, religiösen und medicinischen Bedeutung. 355p. 8°. Berl., C. Boas Nachf., 1896.

GLASS-BLOWER.

See Glass industry.

GLASSCHEIB, Samuel. Die Röntgentechnik in Diagnostik und Therapie; ein Lehrbuch für Studierende und Aerzte. ix, 294p. 8°. Berl., J. Springer, 1929.

— Allgemeine Röntgenkunde; Einführung in Studium und Praxis der medizinischen Röntgenologie. 2. Aufl. x, 502p. illust. diags. 8°. Wien, J. Springer, 1936.

GLASSER, Ernst, 1904— *Der Pfannensstiel'sche Fascienquerschnitt als Universalschnitt bei gynäkologischen und geburtshilflichen Laparatomien. 76p. 8°. Münch. [n. pub.] 1928.

GLASSER, Joseph. *Ueber die konstitutionellen Faktoren in der Aetiologie der multiplen Sklerose. 16p. 8°. Stetten-Basel, K. Schall, 1937.

GLASSER, Otto, 1895— Wilhelm Conrad Röntgen und die Geschichte der Röntgenstrahlen; mit einem Beitrag, Persönliches über W. C. Röntgen, von Margret Boveri. x, 337p. portr. 96 illust. 8°. Berl., J. Springer, 1931.

— The same. [English transl.] xii, 494p. illust. portr. facsim. 8°. Lond., J. Bale, Sons & Danielsson, 1933.

See also [American Congress of Radiology] Also Bucky, Gustav. Grenzstrahl-Therapie [&c.] 153p. 8°. Lpz., 1928.

GLASS industry.

See also Cataract; Glass; Glassware.

FARMER, E. A comparison of different shift systems in the glass trade. 24p. 8°. Lond., 1924.

GUTMANN, W. Arbeitsschutz in der Glasindustrie. 103p. 8°. Dresd., 1937.

KAMINSKI, A. *Ueber Schädigungen der Zähne und des Mundes in der Glasindustrie mit Berücksichtigung der übrigen gewerblichen Schädigungen. 27p. 8°. Bresl., 1928.

KOENIG, R. J. A. *Ueber gewerbliche Schädigungen in der Glasindustrie unter besonderer Berücksichtigung der Mundhöhle und der Zähne. 24p. 8°. Bresl., 1928.

PASQUES, T. *Les maladies du travail chez les ouvriers verriers. 42p. 8°. Par., 1938.

ZEINERT, H. *Eine chronische Verletzung in der Glasindustrie. 15p. 8°. Berl., 1935.

Arendt, H. Unfallverhütung in der Glasindustrie. Arbeitsschutz, 1937, 172-6.—**Badham, C.** Hazards to health from glass cutting at crystal glass works, Sydney. Rep. Dir. Pub. Health N. S. Wales, 1937, 95-9.—[Belgique] Application éventuelle de la loi du 9 juillet 1936 aux ouvriers occupés dans les verreries à vitre. Bull. san. pub., Brux., 1938, 3: 502-7.—**Beschäftigung von jugendlichen Arbeitern in der Glasindustrie.** Reichsgesundhbl., 1938, 13: 194.—**Brinkmann.** Berufszufriedenheit der Glasindustrie und ihre Verhütung. Zbl. Gewerbehyg., 1927, n. F., 4: 358-63.—**Feigin, A. K.** [Pneumothorax and emphysema of the cheek in glass blowers] Vrach. delo, 1931, 14: 1091.—**Gerbis.** Der Gesundheitsschutz in Glashütten. Zbl. Gewerbehyg., 1925, n. F., 2: 83; 103.—**Gutmann.** Arbeiter- und Nachbarschutz in Glasereien. Arbeiterschutz, 1926, 2: 166. Also Zbl. Gewerbehyg., 1927, n. F., 4: 237-42.—**Einige kritische gewerbehygienische Betrachtungen über die neue Verordnung über die Arbeitszeit in Glashütten und Glasschleifereien vom 9. Februar 1927.** *Ibid.*, 1928, n. F., 5: 70-2.—**Der technische Fortschritt in der Glasindustrie als Förderer des Gesundheitsschutzes.** *Ibid.*, 1935, n. F., 12: 42-7.—**Um das Trinkbedürfnis der Glashüttenarbeiter.** *Ibid.*, 1939, n. F., 16: 233-6.—**Hazanov, M.** [Sanitary survey of Soviet glass-workers] Beloruss. med. misl., 1924, 1: 1; 25.—**Herrmann, W.** Ueber die in Glasbläserberufe vorkommenden Schädigungen und Erkrankungen des Mundes und der Zähne, sowie deren Prophylaxe und Therapie. Zbl. Gewerbehyg., 1930, n. F., 7: 193; 218.—**Jaensch, P. A.** Die Erwerbsbeschränkung der Feuerarbeiter, besonders der Glasbläser, bei beruflichen Linsentrübungen und Linsenlosigkeit. Arch. Gewerbepath., 1930, 1: 594-610.—**Kaplan, J.** Linsentrübungen bei Glasbläsern. Arch. Ophth., Berl., 1931, 126: 443-53.—**Kattenidt.** Arbeitsverhältnisse bei der Herstellung von Tafelglas mittels Maschinen. Arbeiterschutz, 1928, 101-8.—**Koelsch & Lecher.** Gesundheitliche Erhebungen in bayerischen Glasfabriken. Arch. Gewerbepath., 1930-31, 1: 656-86.—**Arbeitsmedizinische Untersuchungen über die Spiegelglasschleifer und -polierer.** *Ibid.*, 1931, 2: 618-40.—**Kremer, D.** Die neue Glashüttenverordnung. Arbeitsschutz, 1939, 9-14.—**Landa, V.** [Fluctuations of body temperature in glass-factory workers] Vrach. delo, 1928, 11: 966.—**Latshev, L. S.** [Diseases of the workmen in glass factories] Sovet. klin., 1932, 17: 223-7.—**Leymann.** Ein Beitrag zur Beurteilung der Gesundheitsverhältnisse der Glasarbeiter. Arbeiterschutz, 1925, 1: 17; 30.—**Mack.** Unfallverhütung und Schutzkleidung in der Glasindustrie. Zbl. Gewerbehyg., 1926, n. F., 3: 155-7.—**Marsch, E.** Eine Wasserberieselungs-Kühlanlage für Wannen- und Hafenäfen. *Ibid.*, 1939, n. F., 16: 165.—**Matuszewitsch, J., & Perehud, E.** Die Wasser-Salzbilanz bei Glasbläsern. *Ibid.*, 1933, n. F., 10: 1-5.—**Mauro, V.** Sul lavoro e sulla patologia professionale degli operai addetti alla industria vetraria. Fol. med., Nap., 1939, 25: 5-22.—**Per, M. I., Malov, A. A., & Posin, M. S.** [Study of changes in the skin among workers of glass factories] Vener. dermat., Moskva, 1931, 8: 20-39.—**Pissmarev, M. M., & Feigin, A. K. H.** [Hypocapnia among glass-blowers and its effect on their general health] Ter. arkh., 1933, 2: 485-96.—**Rambaev, A.** [Monographic study of injuries in glass factories] Gig. bezopas. pat. truda, 1929, 7: 96-9.—**Schwartz, L.** Skin hazards in glass manufacture. Pub. Health Bull., Wash., 1939, 249: 62-9, 4 fig.—**Taviani, S.** Il lavoro del soffiatori del vetro esaminato nei suoi rapporti cogli organi contenuti nella cavità buccale dal punto di vista della patologia professionale e della medicina preventiva. Riv. ital. stomat., 1937, 6: 538-46.—**Verordnung des Reichsarbeitsministers über den Schutz der jugendlichen Arbeiter und der Arbeiterinnen in der Glasindustrie.** Reichsgesundhbl., 1938, 13: 347.

optical.

See also Eyeglass; Glass, optical; Microscope; Optics, &c.

Arbeitsverhältnis (Das) in der optischen Werkstätte von Karl Zeiss, Jena. Zschr. Gewerbehyg., 1907, 14: 99; 123;

147.—**Boegchold, H.** Die optische Werkstätte von Carl Oechsle in Esslingen. Zschr. optik, 1937, 25: 65–86.—**Ernst Abbe** (1840–1905) the origin of a great optical industry. Nature, Lond., 1940, 145: 89–91.—**Rayton, W. B.** Physics in optical instrument manufacture. Rev. Sc. Instrum., 1936, 7: 328–32.—**Rohr, M. von.** Joseph Fraunhofer als der Schöpfer der deutschen Feinoptik. Naturwissenschaften, 1926, 14: 539–52. — Ein Beitrag zur Geschichte des optischen Glases. Ibid., 1935, 23: 177–80.—**Tillyer, E. D.** Optics and the glass industry. J. Optic. Soc. America, 1938, 28: 1–4.—**Wychgram, E.** Aus optischen und mechanischen Werkstätten. Zschr. wiss. Mikr., 1911–12, 28: 59; 337; 1913, 30: 319.

GLASSON, Henri. *Contributions expérimentales à l'étude de la perméabilité rénale; recherches avec l'atropine. 29p. 8°. Lausanne, G. Jaccard, 1927.

GLASSOW, Ruth Bertha, & BROER Marion Ruth. Measuring achievement in physical education. 2 p. l. 344p. incl. illust. tab. diagr. 20cm. Phila., W. B. Saunders Co., 1938.

GLASSSTONE, Samuel, 1897—

Editor of Tilden, William Augustus. Chemical discovery and invention in the twentieth century. 6. ed. 492p. 8°. Lond., 1936.

GLASSWARE.

See also **Chemistry, Instruments; Laboratory, Instruments; Vial, &c.**

Bodendorf, K. Zur Frage der Glasprüfung. Apothekerzeitung, 1927, 42: 736.—**Bracaloni, L.** Saggio sopra l'acidità del vetro. Boll. chim. farm., 1939, 78: 537–41.—**Bresler, J.** Duplohiolen. Münch. med. Wschr., 1935, 82: 749.—**Chambers, S. O.** A study of glass particles resulting from the breaking of glass ampules. J. Lab. Clin. M., 1930–31, 16: 282–6.—**Cini, M.** Sui saggi di collaudo del vetro neutro da fiale. Boll. chim. farm., 1935, 74: 805; 837. — Dimostrazione teorica e sperimentale dell'assurdità di impiego di soluzioni tamponate nella prova di neutralità del vetro. Ibid., 1936, 75: 157; 1937, 76: 555.—**Gartside, H., & Pritchard, J.** Ampoules; an investigation into the limit of alkalinity. Pharm. J., Lond., 1938, 87: 651; 675.—**Goldberg, W.** Ampoule blowing and filling. Ibid., 1939, 89: 285.—**Jacobsen, C.** Ueber die Alkalität des Arzneiglases. Apothekerzeitung, 1910, 25: 262.—**Kleinknecht.** Ampullenherstellung im Laboratorium der Apotheke, auch der Landapotheke. Ibid., 1927, 42: 646–8.—**Klobusitzky, D.** Contribuição ao exame dos vidros para ampolas. Mem. Inst. Butantan, 1932, 7: 17–25.—**Morton, H. E.** The construction of an inexpensive power washer and the designing of economical and efficient brushes for the cleaning of laboratory glassware. J. Lab. Clin. M., 1939–40, 25: 211–5.—**Porter, R. M.** A flask washing technic. Mod. Hosp., 1939, 53: Ho. 4, 114.—**Prickett, P. S., & Garrett, O. W.** A rapid flushing-washing apparatus for laboratory glassware. J. Lab. Clin. M., 1935–36, 21: 942.—**Snyder, R. K.** The chemistry and pharmacology of the soluble constituents of ampul glass. J. Am. Pharm. Ass., 1939, 28: 7–11.—**Gathercoal, E. N.** Methods used in the determination of the alkalinity imparted to water by ampul glass. Ibid., 1937, 26: 321–8.—**Standardization of glass containers.** Proc. Am. Drug. Manuf. Ass., 1924, 13: 270–88.—**Tirelli, L.** La reazione Baroni nel vetro neutro per usi farmaceutici. Boll. chim. farm., 1926, 65: 65–72.

GLATT, Meier, 1912— *Antiluische Behandlung und Paralyse [Leipzig] 64p. 8°. Berl., P. Brandel, 1937.

GLATT, Oszjasz Samuel. *La vaccinothérapie de la tuberculose et la pratique médicale [Genève] 34p. 8°. Antwerpen, 1933.

GLATTER, Lajzer, 1910— *Contribution à l'étude de la migraine biliaire et son traitement. 40p. 8°. Par., J. Haumont, 1937.

GLATTHAAR, Erwin, 1902— *Histologische Untersuchungen über die Schmelz-Dentin-grenze [Tübingen] 28p. 2 pl. 8°. Schramberg, Gatzert & Hahn, 1931.

GLATTKOWSKI, Gerhard, 1910— *Erkrankungen der Pyramiden Spitze bei Ohreiterungen im Sinne des Gradenigosen Symptom-complexes. 43p. 21cm. Königsb. [n. pub.] 1935.

GLATZ, Georgette. *Recherches sur le déficit en vitamine C chez les nourrissons. 24p. 23½cm. Lausanne, Impr. La Concorde, 1939.

GLATZ, Mina, 1909— *Die Entstehung von Formanomalien bei den Zahnkronen des menschlichen Gebisses. 27p. 8°. Tüb., C. Guide, 1932.

GLATZEL, Erich, 1910— *Ueber Cysten des Grosshirns. 19p. 8°. Tüb., Bölzle, 1936.

GLATZEL, Hans. Nahrung und Ernährung; Altbekanntes und Neuerforschtes vom Essen. vii, 256p. illust. 18½cm. Berl., J. Springer, 1939.

Forms Bd 39, Verständliche Wissenschaft.

GLATZEL, Hildegardis, 1904— *Menstruation und Scharlach. 16p. 8°. [Berl., n. pub.] 1931.

GLATZER, Eleonore, 1908— *Ueber den Einfluss der kombinierten Serum- und Neosalvarsantherapie auf den Ablauf der malignen Diphtherie. p.154–73. 8°. Bresl., 1932.

Also Mschr. Kinderh., 1932, 55:

GLATZER, Irmtraut, 1910— *Ueber Gingivitis marginalis mit eigenen Beobachtungen bei der Reichswehr [Tübingen] 25p. 8°. Frankenstein, H. Lonsky [1933]

GLAUBER, Johann Rudolf G., 1603–68.

Clément, A. Ein Besuch bei J. R. Glauber 1656; Bericht in Briefen von Caspar Herbach an König Friedrich den dritten von Dänemark. Janus, Leiden, 1927, 31: 1–23. — **Johnsson, J. W. S.** Briefwechsel zwischen J. R. Glaube und Otto Sperling (nach den Originalen der Königlichen Bibliothek zu Kopenhagen) Ibid., 1925, 29: 210–33, pl., portr.

GLAUBER'S salt.

See under **Sulfur.**

GLAUCIUM.

See under **Papaveraceae.**

GLAUCOMA.

See also **Eye tension.**

Ballantyne, A. J. Glaucoma. Lancet, Lond., 1935 2: 1139.—**Bourhon, O. P.** Glaucoma. Pacific Coast J. Homoeop., 1936, 47: 5–13.—**Casxey.** Glaucoma. Dfa méd., B. Air., 1930–31, 3: 513–5.—**Chinn, C. W.** Glaucoma. J. Nat. M. Ass., N. Y., 1936, 28: 95–8.—**Cirincione, G.** Appunti per il tratto di oftalmologia; glaucoma. Ann. ottalm., 1930, 58: 3; 99; 195; 291; 923.—**Constantine, K. W.** Glaucoma. N. Orleans M. & S. J., 1934, 87: 453–7.—**Doison, W. S.** Glaucoma. J. Tennessee M. Ass., 1925–26, 18: 99–106.—**Duke-Elder, S.** Glaucoma. In Brit. Encycl. M. Pract. (Holliston, I.) Lond., 1937, 5: 575–85.—**Ellert, E. C.** Glaucoma. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 779–84, pl.—**Elliot, R. H.** Glaucoma. Postgrad. M. J., Lond., 1934, 10: 323–33.—**Elsehnig, A.** Ueber Glaucoma. Arch. Ophth., Berl., 1928, 120: 94–116.—**Fiering, H. J.** [Glaucoma] Ned. (schr. geneesk., 1926, 70: pt 2, 193–7.—**Goldenburg, M.** Glaucoma (A) study. Am. J. Ophth., 1931, 3. ser., 14: 944–52.—**Gradle, H. S.** Glaucoma. In Ev. & its diseases (Berens, C.) Phila., 1936, 699–732.—**Harley-Mason, R. J.** Glaucoma. East Afr. M. J., 1934, 11: 255–63.—**Harrison-Butler.** Glaucoma. Am. J. Ophth., 1939, 3. ser., 22: 437.—**Heath, P.** Glaucoma. Proc. Postgrad. Course Ophth. George Washington Univ., 1939, 4: 325–50.—**Hoehne, H.** Glaucoma. Zschr. Augenh., 1935, 87: 43–57.—**Kercheval, C. K.** Glaucoma. Internat. J. Surg., 1929, 42: 76–80.—**Lachmann, H.** Das Glaukom. Med. Welt, 1929, 3: 998.—**Lamb, R. S.** Glaucoma. Tr. Am. Ophth. Soc., 1926, 24: 105.—**Milner, J. G.** Glaucoma. Postgrad. M. J., Lond., 1938, 14: 405–15.—**Moore, T. W.** Glaucoma. West Virginia M. J., 1940, 36: 80–4.—**Otabachi, H.** Le glaucome. Tr. Internat. Ophth. Congr. (1937) 1938, 15. Congr., 4: Commun., 283–5.—**Penman, G. G.** Glaucoma. Clin. J., Lond., 1931, 60: 349–54.—**Pollock, W. B. I.** Glaucoma. Ibid., 1937, 66: 194–7.—**Rebay, H.** El glaucoma. Rev. Cfr. méd. argent., 1928, 28: 696–722.—**Rintelen, F.** Glaukom. Zschr. Augenh., 1936, 90: 196; 1937, 92: 350; 1938, 95: 280.—**Rowland, W. D.** Glaucoma. N. England J. M., 1931, 204: 653–6.—**Smith, J. A.** Glaucoma. J. M. Ass. Georgia, 1934, 23: 68.—**Stallard, H. B.** Glaucoma. Practitioner, Lond., 1934, 132: 573–86.—**Thiel, R.** Glaukom. Zschr. Augenh., 1932, 78: 163; passim. Also Klin. Mbl. Augenh., 1936, 96: 145–65.—**Traquair, H. M.** Glaucoma. Brit. M. J., 1935, 2: 744. Also Med. J. Australia, 1935, 2: 481–3.—**Wolfe, O.** What the refractionist should know about glaucoma. Eye Ear & Month., 1929, 8: 109; 1933, 12: 71.—**Yudkin, A. M.** Glaucoma. In Pract. Libr. M. & S. (Appleton) N. Y., 1937, 11: 282–302.

— **absolute.**

MENGLER, O. *Pathologisch-anatomische Veränderungen des Auges bei absolutem Glaukom [Heidelberg] 23p. 8°. [Frankf. a. M.] 1927.

Alexiadès. Les injections rétrobulbaires d'alcool combinées avec la sclérotomie postérieure, dans les glaucomes absolus

douloureux. Arch. ophth., Par., 1928, 45: 172-84.—**Basterra, J.** Consideraciones sobre la neurotomía optico-ciliar. Progr. clín., Madr., 1927, 35: 175-7.—**Fejér, G.** [Glaucoma absolutum dolorosum and other eye diseases treated by retrobulbar alcohol injections] Orv. hetil., 1931, 75: 63-5. Also Am. J. Ophth., 1932, 3, ser., 15: 135.—**Grady, H. S.** Conjunctival drain on the anterior chamber; an operative technic used in absolute glaucoma. J. Am. M. Ass., 1927, 89: 2025-8.—**Hess, P.** Die Röntgenbehandlung des Glaukoma absolutum. Strahlentherapie, 1934, 49: 422-6.—**Kreibitz, W.** Zur Röntgenbestrahlung von an absolutem Glaukom erblindeten Augen. Wien. klin. Wschr., 1936, 49: 843-5.—**Malkin, B.** Ueber orbitale Alkoholinjektionen. Zschr. Augenh., 1933-34, 82: 286-98.—**Marinosci, A.** Glaucoma assoluto con camera anteriore profonda. Lettura oft., 1930, 7: 389-93, pl.—**Rollet, J.** Névrotonomie optico-ciliaire; résultats éloignés. Lyon méd., 1928, 141: 563.—**Salvati, G.** Le iniezioni retrobulbari di alcool nel trattamento del glaucoma assoluto irritativo e dei monconi atrofici dolenti. Lettura oft., 1927, 4: 58-60.—**Shepkalova, V. M.** [Selection of operation in absolute glaucoma accompanied by pain] Vest. oft., 1937, 11: 361-70.—**Wachner, G.** Die Röntgentherapie der absoluten Glaukome. Strahlentherapie, 1938, 62: 198-203.

acute uncompensated.

Appel, G. Acute glaucoma; its nature, diagnosis and immediate treatment. Med. J. Australia, 1939, 1: 609-12.—**Bailliant, P.** Le glaucoma aigu. Prat. méd. fr., 1929, 8: 139.—**Blanc, E.** Infiltration stellaire dans un cas de glaucoma aigu. Lyon méd., 1938, 162: 626-9.—**Brav, A.** The practical aspect of acute primary glaucoma. Am. Med., 1931, 37: 645.—**Costi, C.** Glaucoma con agudizaciones premenstruales. Arch. oft. hisp. amer., 1930, 30: 521-30.—**Courtney, R. H.** Acute congestive glaucoma in a previously hypotonic eye; a case report. Virginia M. Month., 1934-35, 61: 667.—**Goldenberg, M.** Acute glaucoma. Illinois M. J., 1929, 56: 109-13.—**Hamberger, C.** Akutes Glaukom und akute Entzündung. Ber. Deut. ophth. Ges., 1932, 49: 339 [Discussion] 353-6.—**Jacqucau, J.** Glaucoma aigu chez un jeune homme. Ann. ocul., Par., 1934, 171: 440.—**Also Bull. Soc. ophth. Paris, 1934, 213-6.**—**Lagrange, H.** La sympathose glaucomateuse; remarques sur la crise de glaucoma. Bull. Acad. méd., Par., 1938, 3, sér., 120: 234-8.—**Moore, R. F.** Acute glaucoma. Clin. J., Lond., 1927, 56: 145-8.—**Veil, P.** Le glaucoma aigu primitif. Rev. gén. clin. théor., 1929, 43: 279.

acute uncompensated: Diagnosis.

Castresana, A. Iritis y glaucoma agudo. Arch. med. Madr., 1930, 32: 149-51.—**Fabritius, A.** Erbrechen und Pulsverlangsamung bei akutem Glaukom. Klin. Mbl. Augenh., 1928, 50: 668.—**Johnston, J. G.** Glaucoma and iritis; a comparison and a contrast. South. M. & S., 1933, 95: 267-9.—**Legrand, H.** Contribution au diagnostic du glaucoma aigu. J. Hôtel Dieu Montréal, 1937, 6: 204-6.—**Morax, V.** Glaucoma aigu; diagnostic et traitement. Sem. hôp. Paris, 1928, 4: 35-40.—**Palin, A.** Acute glaucoma and its differentiation from iritis. Med. Press & Circ., Lond., 1940, 204: 95-9.—**Salgo, N.** L'accès de glaucoma aigu; diagnostic d'urgence de médecin praticien. Rev. gén. clin. théor., 1937, 51: 311.

acute uncompensated: Etiology.

Ruf, E. H. *Der akute Glaukomanfall und seine Beziehung zu Wetter und Jahreszeit [Würzburg] 36p. 8°. Pirmasens, 1933.

Albanese, P. Accesso glaucomatoso risolto in seguito ad estrazione dentaria. Stomatologia, Milano, 1926, 24: 183-5.—**Brav, A.** Visualizing the pathogenesis of acute glaucoma. Med. Rec., N. Y., 1937, 145: 447-9.—**Brueckner, A.** Glaucoma aigu et météorologie. Arch. ophth., Par., 1939, n. sér., 3: 600.—**Clerici, A.** La patogenesi del glaucoma primitivo acuto. Gazz. osp., 1928, 49: 1077-9.—**Duke-Elder, W. S.** The pathogenesis of acute primary glaucoma. Brit. M. J., 1928, 1: 1000.—**Friedenwald, J. S.** The pathogenesis of acute glaucoma; clinical and pathological study. Tr. Internat. Ophth. Congr. (1929) 1930, 13, Congr., 1: 67. Also Abstr. Also Arch. Ophth., Chic., 1930, n. sér., 3: 560-73. Also repr.—**& Pierce, H. F.** The pathogenesis of acute glaucoma; experimental study. Tr. Internat. Ophth. Congr. (1929) 1930, 13, Congr., 1: 68. Also Abstr.—**Guillain, G., Parforny, J., & Messimy, R.** Glaucoma aigu double appar au cours d'un tétanos céphalique. Bull. Acad. méd., Par., 1937, 3, sér., 117: 295-9.—**Inman, W. S.** Emotion and acute glaucoma. Lancet, Lond., 1929, 2: 1188.—**Narög, F.** [Primary inflammatory glaucoma during pregnancy] Polska gaz. lek., 1929, 8: 535-7.—**Ramsay, A. M.** The pathogenesis of acute primary glaucoma. Brit. M. J., 1928, 1: 789-93.—**Redslob.** Hypertension artérielle et glaucoma aigu (rapports entre la pression artérielle et le tonus oculaire). J. méd. Paris, 1926, 45: 751-3.—**Schieck, F.** Die Rolle der Vortexvenen bei dem Zustandekommen des akuten Glaukomanfalls. Ber. Deut. ophth. Ges., 1934, 50: 69-73 [Discussion] 81-6. Also Arch. Ophth., Chic., 1935, 13: 700.—**Terrien, F.** Glaucoma aigu et hémorragie expulsive. Rev. gén. clin. théor., 1937, 51: 769-72.—**Terson, A.** Le glaucoma aigu en pathologie générale. Médecine, Par., 1925-26, 7: 256-60.

acute uncompensated: Treatment.

MAZEYRIE, B. L. M. *Contribution à l'étude pathogénique et thérapeutique du glaucoma aigu. 100p. 8°. Par., 1931.

NEUMANN, H. *Bericht über die operativen Erfolge beim Glaucoma inflammatorium an der Universitäts-Augenklinik zu Würzburg in den Jahren 1925-32. 19p. 8°. Würzb., 1933.

SCHOTT, F. *Die Ergebnisse der Behandlung des akuten Glaukoms nach den Beobachtungen der Universitäts-Augenklinik Würzburg in der Zeit von 1932-34 [Würzburg] 13p. 22cm. Quakenbrück, 1936.

Cocuzzi, S. Sopra due casi di glaucoma acuto curati con l'infiammazione della cornea mediante il calomelano. Ann. ottalm., 1932, 60: 51-3.—**Csillag, F.** [Acute glaucoma treated by cycloidalysis] Budapesti orv. ujs., 1933, 31: 835. Also Klin. Mbl. Augenh., 1933, 91: 660.—**Lewis, F. P.** A non-operative treatment of inflammatory glaucoma. J. Am. M. Ass., 1927, 89: 2022-4.—**Nieves Berti, R.** La acción curativa de la simple iridectomía de Graefie en el glaucoma agudo y sub-agudo en 25 casos que he operado por este método. Rev. Soc. med. quir. Zulia, 1939, 13: 925-31.—**Riad, M.** A useful and neglected operation for inflammatory glaucoma; external irido-sclerotomy. Bull. Ophth. Soc. Egypt, 1939, 32: 173-5.

allergic [and vasomotor]

Guerra, P. Cutiriazione all'istamina e glaucoma. Minerva med., Tor., 1934, 25: 254-61.—**Kraupa, E.** Beiträge zur Klinik des Glaukoms; die Drucksteigerung bei akuter Angioneurose des Ciliarkörpers (Glaucoma allergicum) in ihren Beziehungen zum zyklischen und Heterochromieglaukom. Arch. Augenh., 1935, 109: 416-33.—**Paul, T. M.** The effect of the ingestion of alcohol on the antiallergic function of the spleen; also, a possible allergic etiologic factor in glaucoma. Am. Med., 1935, 41: 72-6.—**Smith, H. G., & Barkan, H.** Vasomotor glaucoma; report of a case. Am. J. Ophth., 1930, n. sér., 13: 1076-8.

Anterior chamber.

THORBURN, T. W. *A gonioscopic study of anterior peripheral synechia in primary glaucoma [Uppsala] 40p. 8°. Stockh., 1927.

Also Sven. läk. säll. hand., 1927, 53: 252-91.

WERNER, S. *Gonioskopische Untersuchungen bei Glaucoma primarium [Helsingfors] p.423-563. 8°. Kbh., 1932.

Also Acta ophth., 10.

Dymshitz, L. A. [Fluctuations of the depth of the anterior chamber of the eye in glaucoma] Sovet. vest. oft., 1933, 2: 346-72.—**Goldenburg, M.** Closure of the drainage angle. Am. J. Ophth., 1928, 3, ser., 290-6.—**Higasi, S.** Experimentelle augenradiographische Studien über die Resorptionswege aus der Vorderkammer; über die Resorption des Kammerwassers aus der Iris; Resorptionsverhältnis im Hydrophthalmusauge. Acta Soc. ophth. jap., 1940, 44: 3.—**Kukán, F.** Verschluss des Kammerwinkels durch negativen Druck. Klin. Mbl. Augenh., 1938, 100: 68-73.—**Lamb, H. D.** Intra-ocular hypertension with deep anterior chamber; report of 2 cases with microscopic findings. Tr. Am. Ophth. Soc., 1925, 23: 328-45, 2 pl.—**Nicolato, A.** Sulle possibili cause del permanere della camera anteriore profonda nel glaucoma primario scompensato. Boll. ocul., 1933, 12: 721-44, 5 pl.—**Russo, A.** Sulla fisiopatologia dell'angolo sclero-corneale con particolare riguardo alla teoria pigmentaria del glaucoma. Ann. ottalm., 1935, 63: 305-18.—**Troncoso, M. U.** Gonioscopy in glaucoma. In Contr. Ophth. Sc., 1926, 74-86, 2 pl. Also Abstr. Internat. Ophth. Congr. (1929) 1930, 13, Congr., 204. — Closure of the angle of the anterior chamber in glaucoma, its bearing on operations for the relief of hypertension. Arch. Ophth., Chic., 1935, 14: 557-86. Also repr.

anterior [Contino]

See also subheading hemorrhagic.

Contino, A. Del glaucoma anteriore emorragico. Ann. ottalm., 1936, 64: 433-6.—**Favaloro, G.** Sul glaucoma emorragico, sua patogenesi e terapia, con particolare riguardo alla forma anteriore di Contino. Ibid., 1937, 65: 241-55. Also Klin. Mbl. Augenh., 1938, 100: 745-52.

Aqueous humor.

Benham, G. H., Duke-Elder, W. S., & Hodgson, T. H. The osmotic pressure of the aqueous humour in the normal eye and glaucomatous eye. J. Physiol., Lond., 1938, 92: 355-60.—**Hodgson, T. H.** Studies on the aqueous humour in normal and glaucomatous eyes. Tr. Ophth. Soc. U. K., 1938, 58: 87-102.—**Jasinski, M.** La pression osmotique de l'humeur aqueuse chez des personnes normales et glaucomateux. Abstr. Internat. Ophth. Congr. (1929) 1930, 13, Congr., 115.—**Kronfeld, P. C., & Lin Ching-k'uei.** Anterior chamber punctures au

aid in the diagnosis of glaucoma. *Chin. M. J.*, 1936, 50: 1323-34.—**Magitot, A.** The aqueous humor in glaucoma. *Arch. Ophth., Chic.*, 1931, n. ser., 6: 647-62. Also *Rev. otoneur.*, B. Air., 1931, 6: 405-18.—**Mawas, J.** Nouvelles recherches sur la concentration ionique et la réserve alcaline de l'humeur aqueuse à l'état normal et dans les états glaucomateux. *Tr. Internat. Ophth. Congr.* (1929) 1930, 13. Congr., 1: 161. Also *Abstr.* — & **Vincent, M.** La concentration ionique de l'humeur aqueuse dans le glaucome. *Bull. Soc. ophth. Paris*, 1926, 147.—**Stenico, S.** Primi tentativi sperimentali diretti alla ricerca di sostanze istamino-simili nell'umore acqueo dei glaucomatosi. *Boll. ocul.*, 1932, 11: 1201-17.

Associated diseases.

Abraham, S. V. Glaucoma in amblyopia. *Am. J. Ophth.*, 1936, 3. ser., 19: 1094-101.—**Balvet, P.** Hallucinations visuelles de type hypnagogique chez une femme de 73 ans atteinte de glaucome bilatéral; hypersomnie épisodique. *Ann. méd. psychol.*, Par., 1935, 93: 518-22.—**Grélaud, J.** Glaucoma avec syndrome neurologique; virus neuro- et ophtalmotropes? *Monde méd.*, 1940, 50: 43-5.—**Ibrahim, F. G.** Syphilis among glaucomatous cases. *Bull. Ophth. Soc. Egypt*, 1937, 30: 40.—**Reaser, E. F.** Psychosis associated with glaucoma simplex. *J. Nerv. Ment. Dist.*, 1936, 84: 663-6.—**Sainton & Baillart.** Syndrome fruste de Recklinghausen, macrognathosomie précoce et glaucome. *Bull. Soc. ophth. Paris*, 1932, 69-74.

Associated diseases: Angiomatosis.

Ehrler, W. E. F. *Die Hautkomplikationen bei Hydrophthalmus congenitus (Neurofibromatosis, Naevus flammeus) 32p. 8°. Rost., 1927.

Schedtler, O. *Ein Fall von Haemangiom der Chorioidea mit Glaucom bei Naevus vasculosus des Gesichts [Marburg] 16p. 8°. Kiel, 1926.

Vagts, E. *Naevus flammeus und Glaucom [Kiel] 27p. 23/2em. Quakenbrück, 1937.

Aynsley, T. R. Buphthalmos and naevus. *Brit. J. Ophth.*, 1929, 13: 612-20.—**Bär, C.** Ein bemerkenswerter Fall von Feuermal und Glaucom. *Zschr. Augenh.*, 1925, 57: 628-30.—**Ballantyne, A. J.** Buphthalmos with facial naevus and allied conditions. *Brit. J. Ophth.*, 1940, 24: 65.—**Biró, I.** [Bilateral naevus flammeus and glaucoma]. *Orv. hetil.*, 1935, 79: 927-9.—**Chench, A., & Zernitsky, I.** [Disfiguring angiomatosis of the face followed by glaucoma]. *Vest. khir.*, 1936, 45: 233-6.—**Davies, W. S.** Naevus flammeus and arrested hydrophthalmos. *Am. J. Ophth.*, 1939, 3. ser., 22: 298.—**Dunphy, E. B.** Glaucoma accompanying naevus flammeus. *Tr. Am. Ophth. Soc.*, 1934, 32: 143-52, pl. Also *Am. J. Ophth.*, 1935, 18: 709-14. Also *Arch. Ophth., Chic.*, 1935, 13: 491.—**Ginzburg, J.** Glaucom and Feuermal mit Akromegalie. *Klin. Mbl. Augenh.*, 1926, 76: 393-400.—**Granström, K. O.** Naevus flammeus associated with glaucoma. *Acta ophth., Kbh.*, 1935, 13: 115-30.—**Haas, H. L. de** [Case of glaucoma with choroid vascularization in naevus flammeus of face]. *Ned. tsschr. geneesk.*, 1928, 72: pt 2, 4236.—**Hudelo, A.** Glaucom et naevus facial. *Ann. ocul.*, Par., 1929, 166: 889-902.—**Jahne, W.** Histologischer Befund bei Glaucom und gleichseitigem Naevus flammeus faciei. *Zschr. Augenh.*, 1931, 74: 165-76.—**Joiris, P., & Fanchamps, J.** Glaucom, angione faciale, angione cérébrale. *Bull. Soc. belge ophth.*, 1934, No. 70, 92-7. Also *Bruxelles méd.*, 1934-35, 15: 830.—**Kaiser, J. H.** Einseitiger Hydrophthalmus und Feuermal derselben Gesichtshälfte. *Deut. med. Wschr.*, 1928, 54: 996.—**Knapp, A.** Glaucoma in generalized vascular naevus of the skin; report of case with angiomatous changes in the iris. *Tr. Am. Ophth. Soc.*, 1927, 25: 154-9, 2 pl. Also *Arch. Ophth.*, N. Y., 1928, 57: 219-23, 2 pl.—**Krause, K.** Naevus flammeus and Glaucom. *Zschr. Augenh.*, 1929, 68: 241-60.—**Kreyenberg, G., & Hansing, I.** Das Krankheitsbild des Hauthämmangioms, kombiniert mit Rankenangiomen des Gehirns und Hydrophthalmus. *Zschr. ges. Neur. Psychiat.*, 1935, 152: 751-6.—**Marchesani, O.** Naevus flammeus und Hydrophthalmus congenitus. *Wien. med. Wschr.*, 1925, 75: 2538-40.—**Marucci, L.** Glaucomie giovanile con angiomatosis retinae. *Arch. ottalm.*, 1937, 44: 163-77.—**O'Brien, G. S., & Porter, W. C.** Glaucoma and naevus flammeus. *Arch. Ophth., Chic.*, 1933, 9: 715-28.—**Ohno, T.** Ein sehr seltener Fall von einseitigem Angioma cavernosum faciei mit gleichseitigem Glaucom. *Jap. J. Derm. Urol.*, 1929, 29: 33.—**Perera, C. A.** Bilateral buphthalmos associated with naevus flammeus; report of a case. *Arch. Ophth., Chic.*, 1935, 14: 626-8. Also repr.—**Pi, H. T.** Hydrophthalmos in relation to naevus; report of a case, with a review of literature. *Nat. M. J. China*, 1931-32, 17: 95-105, pl.—**Pineus, M. H.** Naevus flammeus associated with glaucoma; report of a case. *Arch. Ophth., Chic.*, 1939, 21: 741-5.—**Safar, K.** Histologischer Beitrag zur Frage des ursächlichen Zusammenhanges zwischen Hydrophthalmus congenitus und Naevus flammeus. *Zschr. Augenh.*, 1923, 51: 301-8.—**Skyds-gaard, H.** Halbseitiger naevus vasculosus faciei mit gleichseitigem Glaucom. *Acta ophth., Kbh.*, 1935, 13: 273-88.—**Steiner, K.** Ein Fall von Naevus flammeus des Gesichts und gleichseitigem Glaucom. *Derm. Wschr.*, 1932, 94: 851-3.—**Stoll, K. L.** Naevus flammeus and glaucoma. *Tr. Am. Acad.*

Ophth. Otolaryng., 1936, 41: 534-44.—**Waardenburg, P. J.** Ueber die Kombination von Naevus flammeus, Glaucom und Heterochromie. *Tr. Internat. Ophth. Congr.* (1929) 1930, 13. Congr., 2: 499-502. Also *Abstr.*

atypical.

Dieckmann, A. *Ueber glaukomatöse Exkavation ohne Glaucom. 21p. 8°. Würzb., 1934.

Barrechea, A. S. Glaucoma inflamatorio sin hipertensión permanente. *Arch. oft. hisp. amer.*, 1933, 33: 538-45.—**Dalsgaard-Nielsen, E.** [Glaucoma simplex without high blood pressure] *Hospitaltidende*, 1936, 79: [Oft. selsk. forh.] 1-3.—**Kurz, O.** Zur Pathogenese des Glaucoms ohne Hochdruck. *Arch. Augenh.*, 1935, 109: 108-23.—**Magitot, A.** Glaucomes sans hypertension. *Ann. ocul.*, Par., 1938, 175: 349-68, pl.—**Nippe, L.** Glaucoma without appreciable rise in intra-ocular pressure. *Ohio M. J.*, 1927, 23: 221-3.—**Thiel, R.** Glaucom. ohne Hochdruck. *Ber. Deut. ophth. Ges.*, 1930, 48: 133-6 [Discussion] 156-61. Also *Klin. Mbl. Augenh.*, 1930, 85: 106.—**Vom Hofe, K.** Hypotonie beim sogenannten primären Glaucom. *Arch. Augenh.*, 1928, 99: 410-6. Klinisches über die glaukomatöse Exkavation ohne Drucksteigerung. *Ibid.*, 1929, 100: 101: 414-7.—**Zeeman, W. P. C.** [Intraocular pressure; hypotonia and glaucoma] *Geneesk. bl.*, 1929, 27: 45-98.

Autonomic nervous system.

Krause, E. H. *Experimentelle Untersuchungen über die Wirkung des Sympathikus auf den intraokularen Druck beim Gesunden und beim Glaucomkranken. 19p. 8°. Berl., 1934.

Bistis, J. Contribution expérimentale sur le rôle du sympathique dans le glaucome. *Tr. Internat. Ophth. Congr.* (1929) 1930, 13. Congr., 2: 496-8. Also *Abstr.* Also *Arch. ophth.*, Par., 1930, 47: 96-104.—**Byrd, H.** The relation of the nasal ganglion to glaucoma. *Arch. Ophth.*, N. Y., 1927, 56: 162-8.—**Fradkin, M. I., Levina, L. S. [et al.]** [Glaucoma and the vegetative nervous system] *Vest. oft.*, 1939, 14: 3-8.—**Malling, B.** A case of glaucoma [of possibly sympathetic origin] *Acta ophth., Kbh.*, 1927, 5: 253-7.—**Petersen, W. F.** Glaucoma: autonomic integration and environment. *Week. Bull. S. Louis M. Soc.*, 1936-37, 31: 285-9.—**Sattler, C. H.** Glaucom, Basedowsche Krankheit und Sympathikus. *Deut. med. Wschr.*, 1930, 56: 1532-4.—**Stenico, S.** Ricerche sullo stato del sistema nervoso vegetativo nei glaucomatosi. *Boll. ocul.*, 1930, 9: 1383-400, ch.

beri-beri.

See also Beri-beri, Eye in.

Bhaduri, B. N. Enormous reduction of intraocular tension in the unoperated eye following sclerocorneal trephining in the other eye in a case of epidemic dropsy glaucoma. *Calcutta M. J.*, 1938, 34: 532-4.—**Chopra, R. N., & De, N. N.** A preliminary note on the presence of a histamine-like body in the aqueous humour in glaucoma associated with epidemic dropsy. *Ind. J. M. Res.*, 1937-38, 25: 101-4, pl.—**Glaucoma** and epidemic dropsy. *Ind. M. Gaz.*, 1936, 71: 725.—**Kelly, B. C.** Vitamin deficiency and chronic glaucoma. *Lancet*, Lond., 1936, 2: 1122.—**Kirwan, E. W. O'G.** Epidemic dropsy glaucoma. *Ind. M. Gaz.*, 1932, 67: 636.—**Primary glaucoma; a symptom complex of epidemic dropsy.** *Arch. Ophth., Chic.*, 1934, n. ser., 12: 1-20.—**Treatment of epidemic dropsy glaucoma.** *Calcutta M. J.*, 1939, 35: 274-7.—**Mukherjee, S. N.** The osmotic pressure of the aqueous humour in epidemic dropsy glaucoma. *Brit. J. Ophth.*, 1938, 22: 329-36.—**Mukherjee, S. K.** Preliminary observations on glaucoma as a result of epidemic dropsy. *Calcutta M. J.*, 1925-26, 21: 267-71.—**Glaucoma as a result of epidemic dropsy.** *Tr. Far East. Ass. Trop. M.* (1927) 1928, 1: 272-8. Also *Ind. M. Rec.*, 1929, 49: 135-8.

Blood.

See also subheading Metabolism.

Meyer, M. *Ueber die Senkungsgeschwindigkeit der roten Blutkörperchen bei Glaucomkranken. 18p. 8°. Lpz., 1933.

Biffis, A. L'alcascenza del sangue nei glaucomatosi. *Ann. ottalm.*, 1933, 61: 109-23.—**Blake, E. M., & Leonard, J. C.** Blood differential count in chronic glaucoma. *Am. J. Ophth.*, 1940, 3. ser., 23: 907-10.—**Cohen, M., Killian, J. A., & Halpern, L.** Chemical composition of the blood and spinal fluid in primary glaucoma. *Arch. Ophth., Chic.*, 1932, 8: 39-49.—**Ferrari, A.** Glaucoma primario e resistenza globulare media; contributo alla conoscenza della morfo-fisiologia del sangue nel glaucoma. *Arch. ottalm.*, 1932, 39: 147-93.—**Jaswal, J. N.** Sedimentation of red blood cells in glaucoma and other ocular diseases. *Ind. M. Gaz.*, 1936, 71: 581.—**Lobeck, E.** Blutgruppen und Glaucom. *Arch. Ophth., Berl.*, 1932, 128: 620-5.—**Mlikovsky, J.** [Attempt in demonstration of serum changes in cases of glaucoma] *Cas. lek. česk.*, 1937, 76: 892-6, 2 pl.—**Schmelzer, H.** Ueber die aktuelle Blutreaktion bei Glaucomkranken. *Arch. Ophth., Berl.*, 1927, 118: 1-20.—**Schmerl, E.** Zur Frage der aktuellen Blutreaktion Glaucomkranker. *Arch. Augenh.*, 1927-28, 98: 565-8.—**Trematore M.**

L'alcaloesenza del sangue nei glaucomatosi. Lettura oft., 1934, 11: 161-77.—**Trovati, E.** Sulle costanti fisico-chimiche del siero nel glaucoma. Ann. ottalm., 1935, 63: 641-61.

— Blood pressure, and cardiovascular system.

See also Retinal artery, Blood pressure.

JELENOWICZ, E. *Glaucome et circulation artérielle générale et locale [Paris] 62p. 8°. Arcueil, 1938.

LEIBA, H. *Considérations sur la valeur de la pression artérielle moyenne dans le glaucome. 46p. 8°. Par., 1934.

Bailliart, P. Hypertension artérielle et glaucome. Rev. méd. est, 1925, 53: 818-22. Also Bull. Soc. opht. Paris, 1937, 543-7. — **Gomez, D. M.** La pression moyenne dans le glaucome. Bull. Acad. méd., Par., 1931, 3. ser., 105: 510.—**Bailliart & Magitot.** Le régime circulaire du glaucome. Ann. ocul., Par., 1925, 162: 729-63.—**Calhoun, F. P.** The vascular state and glaucoma. Am. J. Ophth., 1929, 3. ser., 12: 265-9, pl.—**Ciotola, G.** Ricerche sullo stato vascolare dei glaucomatosi con particolare riguardo alla pressione arteriosa media ed alla pressione venosa. Rass. ital. ottalm., 1936, 5: 82-95.—**Colomba, N.** Ricerche cliniche sul sistema venoso dei glaucomatosi. Lettura oft., 1938, 15: 323-39.—**Cusumano, A.** Pressione arteriale e permeabilità renale nel glaucoma cronico. Cult. med. mod., Pal., 1933, 12: 288-96.—**Hartshorne, I.** A note on diastolic pressure and glaucoma. Am. J. Ophth., 1937, 3. ser., 20: 724-7.—**Horniker, E.** Klinische Untersuchungen über Wechselbeziehungen zwischen allgemeinem Blutdruck einerseits und Glaukom und Zirkulationsstörungen im Auge andererseits auf Grund von bilateralen Blutdruckmessungen. Arch. Ophth., Berl., 1928, 121: 347-401.—**Jean-Galleis.** Glaucome chronique et abaissement de la tension artérielle générale. Bull. Soc. opht. Paris, 1933, 110-2. Also Bull. Soc. méd. Paris, 1935, 286-8.—**Krause, J.** Gefäßverschluss und Glaukom. Arch. Ophth., Berl., 1936, 135: 173-86.—**Lockwood, C. H.** Hyaline thrombosis of choroidal vessels in glaucoma. Am. J. Ophth., 1927, 3. ser., 10: 493-500.—**Magitot, A., & Bailliart, P.** The circulatory regime of glaucoma. Ibid., 1925, 3. ser., 8: 761-78.—**Mészáros, K., & Tóth, Z.** [Capillary system of bloodvessels in glaucoma] Orv. hetil., 1932, 76: 1039-42. Also Klin. Mbl. Augenh., 1933, 90: 67-72, pl.—**Paramore, R. H.** Glaucoma and the capillary circulation. Brit. M. J., 1928, 1: 1127.—**Saint-Martin, de, & Mériel, P.** Glaucome et tension moyenne. Arch. opht., Par., 1932, 49: 705-9.—**Salzer, F.** Glaukom als Kreislaufstörung. Münch. med. Wschr., 1928, 75: 768-72.—**Schmidt, K.** Untersuchungen über Kapillarendothel-Störungen bei Glaucoma simplex. Arch. Augenh., 1927-28, 98: 569-81.—**Klinische und experimentelle Studien über lokale und allgemeine Gefäßstörungen beim Glaucoma simplex.** Ibid., 1929, 100-101: 190-222.—**Untersuchungen über allgemeine und lokale Kapillar-Endothelstörungen bei Glaucoma simplex.** Med. Klin., Berl., 1928, 24: 859.—**Thiel, R.** Pathologische Veränderungen im Bereich der vorderen Ziliargefäße beim Glaukom (Spaltlamellenbeobachtung). Ber. Deut. ophth. Ges., 1929, 47: 468-70.—**Tovbin, B. G., & Drobysheva, A. T.** Zur Erforschung des peripheren Herzens bei Glaukom. Arch. Ophth., Berl., 1929-30, 123: 679-90.—**Tovbin, B. G., & Wilenski, L. I.** Zur Frage der Gefäßdestruktion beim Glaukom des Jugendalters. Zschr. Augenh., 1933, 80: 141-7.—**Tristano, L.** Pressione arteriosa, tensione endoculare e suoi rapporti col glaucoma. Rass. ital. ottalm., 1934, 3: 217-34.—**Vele, M.** Sui rapporti tra arteriosclerosi e glaucoma. Ann. ottalm., 1933, 61: 511-20.—**Weinstein, P.** [Correlation of glaucoma and circulatory system] Orvosképzés, 1934, 24: 632-6.—**The relation of glaucoma to blood pressure.** Arch. Ophth., Chic., 1935, 13: 181-6.

— capsular [Vogt]

Blackner, J. Zur Pathologie des Kapselhäutenglaukoms. Ber. Deut. ophth. Ges., 1932, 49: 325-36 [Discussion] 353-6.—**Busacca, A.** Zonulamelles Ablösung, Linsenkapselflächen oder Häutchenniederschläge? Klin. Mbl. Augenh., 1930, 85: 823-8.—**Butler, T. H.** Capsular glaucoma. Tr. Ophth. Soc. U. K., 1938, 58: 575-89.—**Ehlers, H.** [Case of capsular glaucoma] Hospitaltidende, 1936, 79: [Oft. selsk. forh.] 30-2.—**Fahmy, A. Y.** Histopathology of a case of capsular glaucoma. Bull. Ophth. Soc. Egypt, 1936, 29: 164-7, 3 pl.—**Foster, J.** Case of glaucoma-capsulo-lenticular. Tr. Ophth. Soc. U. K., 1934, 53: 611-3.—**Garrow, A.** Exfoliation of the lens capsule in glaucoma. Brit. J. Ophth., 1938, 22: 214-30, 2 pl.—**Gradie, H. S., & Sugar, H. S.** Concerning the chamber angle; exfoliation of the zonular lamella and glaucoma capsulare. Am. J. Ophth., 1940, 3. ser., 23: 982-97.—**Grzędziński, J.** Ueber die Linsenkapselflächen bei Glaukom (Glaucoma capsulare Vogt). Arch. Ophth., Berl., 1931, 126: 409-23.—**Hörven, E.** Wie häufig kommt senile Abschlüpfung der Linsenvorderkapsel (Vogt) bei Glaucoma simplex vor? Acta ophth., Kbh., 1936, 14: 231-45. Also Brit. J. Ophth., 1937, 21: 625-37.—**Malbrán, J.** Glaucoma capsular. Rev. As. méd. argent., 1936, 50: 840-8.—**Malling, B.** Einige Untersuchungen über das sogenannte Kapselglaukom. Acta ophth., Kbh., 1938, 16: 43-69.—**Müller, H. K.** Zur Mechanik der Abschlü-

ferung der Linsenkapself bei Glaucoma capsulare. Klin. Mbl. Augenh., 1937, 98: 653-8.—**Nordmann, J.** L'exfoliation de la cristalline et le glaucome capsulaire de Vogt. Bull. Soc. opht. Paris, 1932, 138-40.—**Rehsteiner, K.** Beitrag zur Kenntnis des Linsenkapselfläutenglaukoms (Glaucoma capsulo-cuticulare) Klin. Mbl. Augenh., 1929, 82: 21-36, pl.—**Shapira, T. M.** Glaucoma capsulare. Ann. J. Ophth., 1935, 18: 31-3.—**Soley, M.** A contribution to the study of exfoliation of the lens capsule or glaucoma capsulo-cuticulare with anatomical preparations. Brit. J. Ophth., 1932, 16: 64-86, pl.—**Tóth, Z.** [Glaucoma capsulare Vogt]. Orv. hetil., 1935, 79: 475.—**Trantas, A.** Fréquence du glaucome en Grèce et en Turquie; fréquence de l'œdème de la cornée et de l'exfoliation capsulaire dans le glaucome. Ann. ocul., Par., 1934, 171: 610.—**Vogt, A.** Ein neues Spaltlamellenbild: Abschlüpfung der Linsenvorderkapsel als wahrscheinliche Ursache von senilem chronischem Glaukom. Schweiz. med. Wschr., 1926, 56: 413; 426. Neue Fälle von Linsenkapselfläutenglaukom (Glaucoma capsulare) Klin. Mbl. Augenh., 1930, 84: 1, pl.

— chronic compensated [simple]

Baillart, P. Le glaucome chronique. Prat. méd. fr., 1930, 11: 117-20.—**Beaudoux, H. A.** Chronic glaucoma. Eye Ear & c. Month., 1934, 13: 416.—**Braut, J.** Glaucome chronique simple. Union méd. Canada, 1928, 57: 219-21.—**Castroviejo, R.** The pathology of chronic simple glaucoma. Arch. Ophth., Chic., 1931, n. ser., 5: 189-208.—**Clay, G. E., & Vernou, E. R.** Glaucoma simplex. J. M. Ass. Georgia, 1929, 18: 306-8.—**Danielson, R. W.** Simple glaucoma. Colorado M., 1931, 28: 301-3.—**Dehognes, J. L.** Sobre el glaucoma crónico en edad juvenil. Rev. cubana oft., 1930, 3: 150-2, pl.—**Gonin, S.** Sur les formes complexes du glaucome chronique. Rev. gén. opht., Genève, 1924, 33: 221.—**Gradie, H. S.** Concerning simple glaucoma. Am. J. Ophth., 1931, 3. ser., 14: 936-43.—**Haden, H. C.** Some observations in regard to glaucoma simplex. Tr. Am. Ophth. Soc., 1930, 28: 140-55, pl. Also Arch. Ophth., Chic., 1930-31, 4: 326-31. Also repr.—**McCaw, J. A.** Simple glaucoma; absolute glaucoma. Colorado M., 1927, 24: 182.—**Nasr Farid.** Two cases of chronic glaucoma. Bull. Ophth. Soc. Egypt, 1938, 31: 12-4.—**Pereira, R. F.** Considerações clínicas y terapéuticas sobre el glaucoma crónico simple. Sem. méd., B. Air., 1938, 45: pt 2, 595-607.—**Reese, A. B.** The pathology of chronic simple glaucoma. N. York State J. M., 1933, 33: 1428-31.—**Rouse, H. K., jr.** Some statistics concerning chronic simple glaucoma. Mississippi Doctor, 1939-40, 17: No. 1, 31-7.—**Thompson, M. K.** Chronic glaucoma. J. Oklahoma M. Ass., 1936, 29: 18-20.—**White, J. A.** Simple glaucoma. Virginia M. Month., 1925-26, 52: 405-7.—**Wilder, W. H.** Chronic glaucoma. Illinois M. J., 1929, 55: 15-21.—**Wolfe, O., & McLeod, J.** Non-inflammatory glaucoma. Optometr. Week., 1932-33, 23: 1233-7. Also Eye Ear & c. Month., 1932, 11: 238-42.—**Wright, R. E.** The chronic primary glaucomas. Ind. M. Gaz., 1934, 69: 692.

— Clinical aspect.

Bailliart & Carrete. A propos d'un cas d'hypertension oculaire. Clin. opht., Par., 1926, 30: 446-8.—**Geiger, C. W., & Roth, J. H.** Intraocular hypertension and the internist. Illinois M. J., 1930, 57: 128-32.—**Greeves, R. A.** Some aspects of glaucoma. Irish J. M. Sc., 1935, 6. ser., 241-56.—**Hamburger, C.** Theoretical and practical notes on glaucoma. Am. J. Ophth., 1930, 3. ser., 13: 847-52.—**Hardy, W. F.** Certain aspects of glaucoma. Ibid., 1926, 3. ser., 9: 593-7.—**Henderson, E. E., & James, R. R.** A peculiar case of glaucoma. Brit. J. Ophth., 1928, 12: 74-8, pl.—**Hird, R. B.** Glaucoma from the clinical aspect. Birmingham M. Rev., 1933, 8: 7-31.—**Kennon, W. G.** An unusual case of glaucoma. Am. J. Ophth., 1935, 18: 962.—**McReynolds, J. O.** Some features of glaucoma important to the general practitioner. Kentucky M. J., 1927, 25: 109-12.—**Madrox, E. E.** A clinical note on glaucoma. Brit. J. Ophth., 1933, 17: 161.—**O'Brien, C. S.** Glaucoma; experiences and impressions. Proc. Postgrad. Course Ophth. George Washington Univ., 1940, 5: 27-41.—**Passow, A.** Neue klinische und physiologisch-chemische Befunde bei Glaukomkranken. Ber. Deut. ophth. Ges., 1929, 47: 187-97 [Discussion] 221-33.—**Sanguinetti, C.** Considerazioni cliniche e statistiche sul glaucoma primario. Lettura oft., 1934, 11: 233-47.—**Schwartzman, H.** Glaucoma and its victims. J. Ophth. Otol., 1927, 31: 123-7.—**Seidel, E.** Zur Methodik der klinischen Glaukomforschung. Arch. Ophth., Berl., 1927, 119: 15-21. Also Ber. Deut. ophth. Ges., 1927, 46: 43-50 [Discussion] 79-86.—**Stanford, J. B.** Atypical glaucoma. N. Orleans M. & S. J., 1926-27, 79: 425-9.—**Veil, P.** Les glaucomes au point de vue pratique. J. méd. Paris, 1926, 45: 249-51.—**Weeks, W. W.** Some observations on glaucoma simplex. Med. Rec., Houston, 1934, 28: 555-7.—**Wright, R. E.** Lectures on glaucoma; certain aspects of glaucoma. Am. J. Ophth., 1937, 3. ser., 20: 462.

— congenital.

See subheading Hydrophthalmos.

— Cornea.

KALITZKI, M. *Erworbener Astigmatismus und Glaukom. 24p. 8°. Berl. [1935]

REUSS, P. [W. L.] *Ueber einen Fall von Mikrocornea mit nachfolgendem Glaukom. 16p. 8° Würzb., 1930.

Byers, W. G. M. *Ulcus serpens in glaucoma*. Tr. Am. Ophth. Soc., 1933, 31: 268-70.—**Courtiis, B.** Anatomía patológica de la córnea en el glaucoma. Sem. méd., B. Air., 1933, 40: pt 2, 1424-9.—**Creger, J.** Juvenile glaucoma with staphyloma. Am. J. Ophth., 1940, 3. ser., 23: 200.—**Fahim Girgis Ibrahim.** Old adherent leucomata act, sometimes, as a safeguard against primary glaucoma. Bull. Ophth. Soc. Egypt, 1938, 31: 9-11.—**Procksch, M.** Ueber die Anwendung von Kontaktgläsern bei glaukomatöser Hornhauttrübung. Zschr. Augenh., 1932, 78: 135-9.—**Salzmann, M.** Die glaukomatöse Hornhautentartung. Arch. Ophth., Berl., 1938, 139: 413-64.—**Talbot, G.** Histology of Bowman's membrane in cases of glaucoma. Brit. J. Ophth., 1938, 22: 210-4.—**Thiel, R.** Hornhautpulsation, Blutdruck und Augendruck. Ber. Deut. ophth. Ges., 1929, 47: 198-206. [Discussion] 221-33.—**Verrijp, C. D., Duyster, C. B., & Ouwejan, A. J.** [Haziness of the cornea in increase of intraocular pressure] Ned. tscr. geneesk., 1936, 80: 2379-84.

Dark adaptation.

See subheading Retina.

Diagnosis.

Aubineau, E. Le faux glaucome. Ann. ocul., Par., 1930, 167: 550-6.—**Brückner, A.** Neuere Erkenntnisse zur Diagnose und Behandlung des primären Glaukoms. Schweiz. med. Wschr., 1936, 66: 1264-8.—**Dérier, J.** [Diagnostic mistakes in glaucoma and some practical observations in ophthalmological sphere] Bratisl. lek. listy, 1927, 7: 153-64.—**Díaz-Domínguez, D.** Un intento de diferenciar clínicamente los diversos mecanismos patogénicos de la hipertensión ocular. Arch. oft. hisp. amer., 1936, 36: 281-309.—**Faver, R. M.** Diagnosis and treatment of glaucoma. Eye Ear & Month., 1938-39, 17: 191.—**Fink, W. H.** The recognition of glaucoma by the general profession. Minnesota M., 1930, 23: 60-8.—**Foster, J.** Artificial glaucomatous halo. Tr. Ophth. Soc. U. K., 1937, 57: 364.—**Fuchs, A.** On pseudoglaucoma. Brit. J. Ophth., 1928, 12: 65-73, pl.—**Hart, V. K.** Glaucoma simplex and optic atrophy; a discussion of the differential diagnosis and its importance to the patient. J. Ophth. Otol., 1926, 30: 131-8.—**Howell, S. C.** Would you recognize a case of glaucoma? J. M. Ass. Georgia, 1938, 27: 161-5.—**Jean-Gallois.** Halo pseudo-glaucomateux et syndrome hypotonique. Bull. Soc. opt. Paris, 1933, 113-5.—**Kirwan, E. W. O.** The diagnosis and treatment of non-congestive glaucoma. Ind. M. Gaz., 1932, 67: 661-6.—**Koch, C. C.** Faulty diagnosis of glaucoma with subsequent action; a case report. Am. J. Ophthalm., 1940, 17: 68-71.—**Larsson, S.** Ophthalmoscopy through the hazy cornea in glaucoma. Acta ophth., Kbh., 1939, 17: 297-300.—**Lillie, W. I.** The diagnosis and treatment of glaucoma. Pennsylvania M. J., 1938-39, 42: 913-6.—**MacRae, A.** Pseudo-glaucoma. Brit. J. Ophth., 1929, 13: 63-7.—**McReynolds, J. O.** The responsibility of the general practitioner in the diagnosis of glaucoma. Texas J. M., 1925-26, 21: 533-6.—**Manes, A. J.** Diagnóstico diferencial entre la glaucoma simple no inflamatorio y atrofia comenzante de la pupila. Dia méd., B. Air., 1934-35, 7: 413. Also Sem. méd., B. Air., 1935, 42: 488.—**Marlow, S. B.** The diagnosis of glaucoma simplex. N. York State J. M., 1933, 33: 1423-7.—**Mawas, J.** A propos de la communication de M. Polack sur le cercle ou anneau coloré non-glaucomateux. Bull. Soc. opt. Paris, 1935, 781-5.—**Olmstead, W. D.** Diagnosis of glaucoma. J. M. Soc. N. Jersey, 1930, 27: 871.—**Polack, A.** Cercles irisés chez un malade non-glaucomateux. Ann. ocul., Par., 1935, 172: 945. Also Bull. Soc. opt. Paris, 1935, 396-400.—**Rea, R. L.** Glaucoma; its diagnosis and treatment. Practitioner, Lond., 1938, 140: 591-602.—**Rochat, G. F.** [Pseudo-glaucoma] Ned. tscr. geneesk., 1936, 80: 1794-7.—**Rozovskaia, S. B.** [Significance of elastometry in the diagnosis of glaucoma] Vest. oft., 1939, 14: No. 1, 9-18.—**Savin, L. H.** The nature of glaucoma; its diagnosis and treatment. Clin. J., Lond., 1938, 67: 59-67.—**Thiel, R.** Diagnose und Therapie des primären Glaukoms. Ther. Gegenwart, 1936, 77: 351-9.—**Wegner, W.** Diagnose und Differentialdiagnose des Glaukoms durch den praktischen Arzt. Zschr. ärztl. Fortbild., 1938, 35: 98.

Diagnosis, early.

See also subheading Eye tension: Provocative tests.

Allen, T. D. Early diagnostic signs of glaucoma. Virginia M. Month., 1933, 60: 531-40.—**Blue, J. B.** The diagnosis and treatment of early glaucoma. Memphis M. J., 1927, 4: 95-7.—**Borges de Sousa, A.** Sobre o diagnóstico do glaucoma inicial e do preglaucoma. Lisboa méd., 1931, 8: 333-54.—**Colomba, N.** Mezzi di diagnosi precoce del glaucoma cronico semplice. Ann. ottalm., 1932, 60: 218-26.—**Curdy, R. J.** Diagnosis and treatment of incipient glaucoma. Am. J. Ophth., 1928, 3. ser., 11: 632-7.—**Davies, D. L.** Chronic glaucoma; the importance of early diagnosis. Lancet, Lond., 1928, 1: 699.—**Derby, G. S.** Conservation of eyesight, with especial reference to glaucoma. Sightsav. Rev., 1931, 1: 14-35.—**Early diagnosis and treatment of glaucoma.** Bull. Pract. Ophth., S. Franc., 1931, 1:

59; 1939, 9: 85.—**Geiger, C. W., & Roth, J. H.** The early diagnosis of glaucoma. Illinois M. J., 1931, 59: 47-53.—**Green, J.** Responsibility for blindness in chronic glaucoma. Week. Bull. S. Louis M. Soc., 1936-37, 31: 445-9.—**Halper, P. A.** Glaucoma. Sightsav. Rev., 1936, 6: 445-93.—**Heine.** Zur Früh- und Fehldiagnose des Glaukoms. Deut. med. Wschr., 1935, 61: 163-70. Also In Samml. wicht. Frühdiagn., Lpz., 1936, 317-22.—**Hernández Jiménez, H.** Diagnóstico precoz del glaucoma. Vida nueva, Habana, 1932, 30: 281-4, pl.—**Incipient glaucoma.** Bull. Pract. Ophth., S. Franc., 1935, 5: 24; 1938, 8: 13.—**Jervey, J. W., jr.** The early diagnosis of chronic glaucoma. J. S. Carolina M. Ass., 1931, 27: 196-8.—**Kaninsky, Z.** [Early diagnosis of glaucoma with Gullstrand's slit lamp] Beloruss. med. misl., 1924-25, 2: 4; 122.—**Kapuscinski, W.** [Early diagnosis and treatment of glaucoma] Nowiny lek., 1938, 50: 741-5.—**Lewis, P.** Blindness from glaucoma can and should be prevented. Sightsav. Rev., 1940, 10: 132-4.—**Lewis, W. W.** Incipient glaucoma. Am. J. Ophth., 1926, 3. ser., 9: 836-40.—**Peter, L. C.** Observations on the early recognition and general management of glaucoma. West Virginia M. J., 1927, 23: 530-3.—**Röth, A.** [Early diagnosis of primary glaucoma] Orv. hetil., 1936, 80: mell., 95.—**Spratt, C. N.** Glaucoma; responsibilities of early recognition. J. Lancet, 1933, 53: 535-50. Also Pennsylvania M. J., 1934-35, 38: 769-72.—**Thomas, F. C.** An early warning of impending glaucoma? Kentucky M. J., 1936, 34: 440.—**Tóth, Z.** [Early diagnosis of glaucoma] Orv. hetil., 1937, 81: mell., 109. Also Orvosképzés, 1938, 28: 84-104.—**Traquair, H. M.** Glaucoma with special reference to medical aspects and early diagnosis. Brit. M. J., 1935, 2: 933-8.—**Vázquez Barriére, A.** El diagnóstico precoz del glaucoma; los métodos modernos de investigación; la cametería cuantitativa; la curva diaria de la tensión ocular; los métodos provocadores o de sobrecarga. Arch. urug. med., 1933, 2: 369-89.—**Wegner, W.** Ein neues frühdiagnostisches Symptom beim Glaucoma simplex. Arch. Augenh., 1930, 103: 303-8.—**Wilensky, M. C.** Glaucoma. Sightsav. Rev., 1937, 7: 249-62.

Etiology.

See also subheadings Pathogenesis; secondary.

PECHT, H. [H. E.] *Glaukom nach Erregung [Rostock] 26p. 8° Borna-Lpz., 1930.

WOERNER, E. *Primäres Glaukom und Konstitution (nach dem Material von 1920-33) 27p. 8° Tübl., 1936.

Acharya, B. G. S., & Jaswal, J. N. Aetiology of primary glaucoma. Ind. M. Gaz., 1936, 71: 582.—**Angelucci, A.** Sull'etiologia del glaucoma. Arch. ottalm., 1929, 36: 241-6.—**Beckh, W.** Syphilis and primary glaucoma. Am. J. Ophth., 1935, 18: 1129-34.—**Bray, A.** The incidence of glaucoma among the Jews. Ibid., 1931, 3. ser., 14: 48-50.—**Colrat, A.** Affections substitutives en pathologie oculaire. Bull. Soc. opt. Paris, 1936, 530.—**Dubois, A.** Glaucoma ou hypertension oculaire chez une femme enceinte; disparition des troubles après avortement spontané. Ann. ocul., Par., 1935, 172: 142-8.—**Duke-Elder, W. S.** The etiology of glaucoma. Brit. M. J., 1928, 2: 236-8. Also Tr. Ophth. Soc. U. K., 1933, 53: 281-95. — & **Duke-Elder.** Etiology of glaucoma. Arch. Ophth., Chic., 1934, 11: 49-57.—**Evans, P. J.** The underlying causes of glaucoma. Brit. J. Ophth., 1939, 23: 745-83, 5 pl.—**Harley, H. L.** Etiology of glaucoma, with reference to colloidal chemistry. J. M. Soc. N. Jersey, 1930, 27: 865-71. Also repr.—**Hindaw, S.** Glaucoma and its causes. C. rend. Congr. internat. méd. trop., 1928, 1. Congr., 3: 731-4.—**Kerry, R.** Glaucoma, pressure and infection. Canad. M. Ass. J., 1937, 36: 275.—**Khordass, S. M.** [Etiology of glaucoma] Dnipropetr. med. J., 1927, 6: 589-99.—**Kirwan, E. O'G.** The aetiology of chronic primary glaucoma. Brit. J. Ophth., 1936, 20: 321-31, pl.—**Koby, F. E.** Glaucoma secondaire à retardement. Bull. Soc. opt. Paris, 1937, 559-61.—**Larsen, V.** [Studies on the relation of internal secretions to glaucoma simplex] Bibl. laeger, 1934, 126: 318-22.—**Madan, K. E.** A case illustrating the effects of prolonged application of cold to the eye. Lancet, Lond., 1927, 1: 18.—**Massoud, F.** Extra-ocular influence in glaucoma. Bull. Ophth. Soc. Egypt, 1937, 30: 32-9. — **Facteurs extraoculaires dans le glaucome.** Ann. ocul., Par., 1939, 176: 565. — **Extra-ocular influence in glaucoma (constitutional factors)** Brit. J. Ophth., 1937, 21: 559-64.—**Németh, L.** [Constitution of glaucoma patients] Orv. hetil., 1938, 82: 1062-6. Also Klin. Mbl. Augenh., 1938, 101: 222-35.—**Ourgaud, G., & Sédan, J.** Le glaucome de la joie et de la peur. Rev. otoneur., Par., 1938, 16: 548-52.—**Passow, A.** Beitrag zur Glaukomgenese als Konstitutionsproblem. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 61-4. Also Abstr.—**Picquie, J.** Un cas de glaucome prodromique en relation avec un état d'insuffisance endocrinienne. Bull. Soc. opt. Paris, 1932, 59-69.—**Rossi, V.** Glaucoma primario e costituzione organica. Arch. ottalm., 1932, 39: 1: 51.—**Rowe, A. W.** Endocrine studies; the etiology of glaucoma. Arch. Ophth., Chic., 1930, n. ser., 3: 403-9. Also repr.—**Scalinci, N.** Il glaucome emotivo. Ann. ottalm., 1926, 54: 235-61.—**Schmelzer, H.** Untersuchungen über allgemeine Glaukomursachen. Arch. Ophth., Berl., 1938, 139: 465-79.—**Schroeder, H.** The etiology of glaucoma. Eye Ear & Month., 1935-36, 14: 128-30. — **Glaucoma; classification and etiology.** Malay. M. J., 1937, 12: 147.—**Shershevskaia, O. I.** [Sexual form of glaucoma in adolescence

in women and its treatment] Vest. oft., 1938, 12: 543-51.—Szász, S. [Clinical data on etiology and therapy of glaucoma] Budapesti orv. ujs., 1936, 34: 945-50.—Weinstein, P. Aetiology of glaucoma. Brit. M. J., 1939, 1: 436.

— experimental.

FORTIN, E. P. Investigations sur le glaucome (essais) 47p. 26½cm. [B. Air., 1939]

Caballero, F. Experimentelle klinische Untersuchungen zur Glaukomfrage. Arch. Ophth., Berl., 1930, 125: 300-7.—Friedenwald, J. S., & Pierce, H. F. The pathogenesis of acute glaucoma; experimental study. Arch. Ophth., S. Louis, 1930, n. ser., 3: 574-82, 2 pl. Also repr.—Ishikawa, F. Experimentelles Glaukom beim Hunde mit besonderer Rücksicht auf Sehnervenerkrankungen. Arch. Ophth., Berl., 1930, 124: 387-443.—Magitot, A. Hypertension oculaire par irritation expérimentale de l'iris. C. rend. Soc. biol., 1922, 86: 582.—Roshchin, V. P. [Facts and thoughts on experimental glaucoma] Tr. Vseross. sezda glazn. vrach., 1929, 1: 45-50.—Schoenberg, M. J. Remarks on the artificial induction of ocular hypertension by compression of the jugular veins. Tr. Am. Ophth. Soc., 1928, 26: 229-46. Also Arch. Ophth., Chic., 1929, n. ser., 1: 681-91.—Spalluto, A. Effetti sperimentali dell'iperpressione intraoculare. Ann. med. nav., Roma, 1935, 41: 309-25.—Zuckermannová-Zichová [Contribution to experimental glaucoma] Bratisl. lek. listy, 1930, 10: 486-91.

— Eye refraction.

Bröns, J. [Traumatic myopia following glaucoma] Hospitalstidende, 1930, 73: [Ofte. Selsk. Forh.] 34-8.—Cori, R. de. Glaucoma e miopia. Boll. ocul., 1934, 13: 875-927.—Gala, A. [Myopia and glaucoma] Bratisl. lek. listy, 1930, 10: 569-74.—Knapp, A. Glaucoma in myopic eyes. Tr. Am. Ophth. Soc., 1925, 23: 61-70. Also Arch. Ophth., N. Y., 1926, 55: 35-7.—Pandolfi, E. Contributo allo studio dei rapporti tra glaucoma e miopia. Lettura oft., 1930, 7: 424-43.

— Eye tension.

BONNEFON, G. Introduction à l'étude des hypertensiones oculaires. 143p. 8° Par., 1931.

Aubaret, E. Introduction à l'étude des hypertensiones oculaires. Marseille méd., 1931, 67: 336-47.—Avgushevich, P. L. [Rôle of tonometry in diagnosis of forms of glaucoma] Vest. oft., 1937, 10: 580-95.—Birch-Hirschfeld. Zur tonometrischen Beurteilung des Glaukoms. Zschr. Augenh., 1929-30, 70: 1-9.—Bonnefon. L'hypertension oculaire statique. C. rend. Soc. biol., 1925, 92: 697-9.—Dieter, W. Ueber intraokuläre Blutdruckmessungen und ihre Bedeutung für die Erforschung des Glaukomproblems. Arch. Augenl., 1928, 99: 678-96.—Gradle, H. S. Tension tolerance. J. Am. M. Ass., 1940, 115: 495.—Heesch, K. Druckverhältnisse im Auge (Modellversuche) Arch. Augenh., 1925-26, 97: 546-58.—Hertel, E. Intraokularer Druck und die äusseren Bulbushüllen. Ber. Deut. ophth. Ges., 1927, 46: 36-42 [Discussion] 79-86.—Jackson, E. Tonometry and unusual cases of glaucoma. Am. J. Ophth., 1939, 3. ser., 22: 614.—Kaminskaia, Z. A., & Gubina, N. M. [Diagnostic importance and significance of Seidel's test] Vest. oft., 1938, 12: 479-84.—Magitot, A., & Halbron, P. La réaction ophtalmotonique directe et consensuelle dans le glaucome et le décollement rétinien. Bull. Soc. opht. Paris, 1931, 146-54.—Rubio, J. F. Estudios clínicos modernos que demuestran que hipertensión ocular no es igual a glaucoma. An. Soc. méd. quir. Guayas, 1932, 12: 405-32.—Sallmann, L. Ueber den Nachweis des erhöhten Augendruckes. Aerzt. Prax., Wien, 1934, 8: 231. Also Wien. klin. Wschr., 1934, 47: 663.—Terson, A. Les premières mentions de l'hypertonie de l'œil dans le glaucome. Bull. Soc. fr. hist. méd., 1925, 19: 53-62. Premières notions et interprétations de l'hypertonie dans le glaucome. Ann. ocul., Par., 1934, 171: 701-8.—Weekers, L. Lois communes des réactions ophtalmotoniques expérimentales, directes et consensuelles, provoquées par différents procédés; participation du liquide oculaire aux variations, aux dérèglements et la régulation de l'ophtalmotonus; action hypotonisante chirurgicale et médicamenteuse dans la thérapeutique antiglaucomateuse. Arch. opht., Par., 1931, 48: 593-621.—Weeks, W. W. Ocular hypertension in glaucoma. J. Am. M. Ass., 1936, 107: 774-8.—Wittels, L. Untersuchungen über die Tension des enukleierten Glaukomauges. Klin. Mbl. Augenh., 1936, 97: 370-80.

— Eye tension: Provocative tests, and variation.

See also subheading Pharmacology.

DEFRANCE-THIEULLEN, D. *Etude sur la valeur des méthodes de provocation dans le diagnostic du glaucome. 108p. 25½cm. Par., 1938.

GILDE, I. *Untersuchungen über die Wirkung des Pilokarpins, Homatropins und Kaffees auf den intraokulären Druck des normalen Auges als

Grundlage für die Diagnostik des latenten Glaukoms. 21p. 20½cm. Königsb., 1937.

Baratta, O. Il comportamento della pressione endoculare dopo paracentesi della C. A. in occhi a pressione normale, ne glaucoma cronico semplice e nell'uveite anteriore con ipertensione. Arch. ottalm., 1936, 43: 211-27.—Böck, J., Kronfeld, P. C., & Stough, J. T. Effect on intra-ocular tension of corneal massage with the tonometer of Schiötz. Arch. Ophth., Chic., 1934, n. ser., 11: 797-806.—Dashevsky, A. I. [Angioscopic pilocarpine test in glaucoma] Vest. oft., 1937, 11: 523-32.—Ershkovich, I. G., & Shevaley, V. E. [Changes of intraocular pressure from the effect of muscular work in dogs] Ibid., 1938, 12: 75.—Federici, E. Sul valore clinico della prova della caffeina per la diagnosi precoce del glaucoma cronico semplice. Boll. ocul., 1932, 11: 752-5.—Feigenbaum, A. Ueber den Einfluss der Belichtung und Verdunkelung auf den intraokulären Druck normaler und glaukomatöser Augen. Klin. Mbl. Augenh., 1928, 80: 577-96.—Filalov, V. P., Ershkovich, I. G., & Shevaley, V. E. [Experimental investigation on the effect of muscular work on intraocular pressure] Vest. oft., 1937, 11: 161-7.—Girgis, F. Diagnostic value of miotics in certain cases of chronic primary glaucoma. Tr. Internat. Ophth. Congr. (1937) 1938, 15. Congr., 4: Commun., 301-3.—Kapusinski, W. Ueber die Beeinflussung des Augendruckes jugendlicher Glaucomformen. Ibid., 306-20, 1 pl. Also Arch. Ophth., Berl., 1937-38, 138: 673-85.—Kronfeld, P. C. Das Verhalten des intraokulären Druckes nach Vorderkammerpunktion bei Glaukom. Zschr. Augenh., 1930, 71: 48-81. Anterior chamber punctures in relation to intra-ocular tension. Arch. Ophth., Chic., 1933, 9: 801-16.—Lobeck, E. Trinkversuch und Glaukomproblem. Arch. Ophth., Berl., 1929-30, 123: 728-50.—Lohlein, W. Die Druckkurve des glaukomatösen Auges in ihrer Bedeutung für Diagnose, Prognose und therapeutische Indikationsstellung. Klin. Mbl. Augenh., 1926, 77: Beilh. 1-21.—Mairova, O. A., & Glikina, E. S. [Early diagnosis of glaucoma by the aid of provocation tests] Vest. oft., 1939, 15: No. 3, 120-9.—Odintsov, V. P., & Neuman, V. N. [Effect of pilocarpine on the fluctuations of intraocular pressure in glaucoma] Tr. Vseross. sezda glazn. vrach., 1929, 1. Congr., 51-7.—Ohm, G. Glaukomproblem und Belastungsversuche; das intermittierende Glaukom. Arch. Ophth., Berl., 1936, 135: 537-57.—Poos, F. Ueber die Ursachen und über ein einfaches Verfahren zur Ermittlung erheblicher tageszeitlicher Druckschwankungen beim Glaukom in der Sprechstunde. Ber. Deut. ophth. Ges., 1934, 50: 73-8. [Discussion] 81-6.—Sallmann, L. Ueber die Tagesdruckkurve und über Belastungsproben als Hilfsmittel in der Glaukomdiagnose. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 2: 482-4. Also Abstr.—& Deutsch, A. Die klinische Bedeutung der Tagesdruckkurve und der Belastungsproben bei Glaukom (zugleich ein Beitrag zur Frage des Einflusses der Augenbewegungen auf den intraokulären Druck) Arch. Ophth., Berl., 1930, 124: 624-51.—Schmidt, K. Trinkversuch und Glaukomproblem. Arch. Augenh., 1931, 104: 102-9.—Serr, H. Zur Mechanik der Augendrucksschwankungen beim primären Glaukom. Ber. Deut. ophth. Ges., 1925, 45: 22-35 [Discussion] 47-52.—Stein, R. Ueber den klinischen Wert der Belastungsproben für die Glaukomdiagnostik. Med. Klin., Berl., 1933, 29: 1235-6.—Tessier, G. L'oftalmotono del glaucomatoso dopo prolungata flessione del capo in avanti. Lettura oft., 1930, 7: 383-6.—Wegner, W. Die provokatorischen Methoden in der Frühdiagnose des Glaucoma simplex. Zbl. sch. Ophth., 1930-31, 24: 1-10.—Zaionchskovsky, M. I. [Effect of barometric pressure and humidity on blood- and intra-ocular pressure in glaucoma] Vest. oft., 1939, 14: No. 1, 106-9.

— Frequency.

ROHNER, M. *Beitrag zur Statistik des primären Glaukoms. 26p. 8° Basel, 1927. Also Schweiz. med. Wschr., 1927, 57:

Apin. Das Glaukomproblem in Lettland. Klin. Mbl. Augenh., 1939, 102: 276.—Borrensen, P. [On the occurrence of glaucoma and blindness in Greenland] Ugeskr. læger, 1926, 88: 194.—Cabaniss, W. H. Some observations on the occurrence of glaucoma. J. M. Ass. Georgia, 1926, 15: 235-8.—Carvill, M. A review of the cases of glaucoma admitted to the Massachusetts Eye and Ear Infirmary over a period of 2 years. Tr. Am. Ophth. Soc., 1932, 30: 71-96.—Copping, W. V. Glaucoma as seen at the Calcutta Infirmary 1st November, 1926 to 31st October, 1927. Tr. Far East. Ass. Trop. M. (1927) 1928, 1: 267-71.—Cuénod & Roger-Nataf. Notes sur le glaucome en Tunisie. Rev. prat. mal. pays chauds, 1928, 8: 453-5.—El-Maziny Bey, E. H. Statistical review on glaucoma; cases in the Egyptian ophthalmic hospitals. Bull. Ophth. Soc. Egypt, 1937, 30: 1-3.—Lehrfeld, L., & Reber, J. Glaucoma at the Wills Hospital. Arch. Ophth., Chic., 1937, 18: 712-38.—Nelander, B. Ueber die Häufigkeit des Primärglaukoms in der Gesamtbevölkerung. Acta ophth., Kbh., 1933, 11: 370-85.—Peretz, H. Sur le glaucome chronique et la cataracte glaucomateuse en Egypte. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 388-91. Also Abstr.—Pillat, A. Primary glaucoma in North China. Nat. M. J. China, 1932, 18: 935.—Statistisches zum primären Glaukom in China. Arch. Ophth., Berl., 1932-33, 129: 299-322.—Rochat, G. F. [Outbreaks of glaucoma cases] Ned. tsehr. geneesk., 1940, 84: 1597-601.—Trantas, A. Fréquence du glaucome en Grèce. Ann. ocul., Par., 1935, 172: 793.—Weinstein, P. Ueber das

Vorkommen des Glaukoms. *Klin. Mbl. Augenh.*, 1934, 93: 794-7.—**Wilson, R. P.** Incidence of glaucoma. *Bull. Ophth. Soc. Egypt*, 1937, 30: 4.

hemorrhagic.

See also **Glaucoma, arterius.**

STAUPENDAH, W. *Ueber einen Fall von Glaucoma hämorrhagicum bei Diabetes mellitus mit pathologisch-anatomischem Befund. 22p. 8°. Heidelb., 1928.

Badot, J. Le glaucome hémorragique; les opérations conservatrices. *Bull. Soc. belge opht.*, 1937, No. 75, 64-6.—**Basile, G. B.** Sugli effetti della röntgentherapie nel glaucoma emorragico. *Boll. ocul.*, 1936, 15: 380-401.—**Cohen, M.** Evisceration for hemorrhagic glaucoma, followed by orbital melanosis and metastases resulting in death. *Tr. Am. Ophth. Soc.*, 1932, 30: 96-102, pl.—**Croci, L.** Studio clinico e istologico sul glaucoma emorragico. *Boll. ocul.*, 1933, 12: 942-71.—**Scaduto, G.** La röntgentherapie nel glaucoma emorragico. *Atti Congr. ital. radiol. med.*, 1922, 4: 306.

hereditary, and juvenile.

See also subheadings **Hydrophthalmos.**

JUN, M. *Beitrag zur Erbpäthologie des Hydrophthalmus. 23p. 23cm. Berl., 1938.

LE QUANG, R. *Glaucome héréditaire. 70p. 8°. Par., 1935.

STREHLER, E. *Zwei Stammbäume von Glaucoma simplex. 22p. 22½cm. 1938.

Allmaras, F. Beobachtungen über eine Glaucomfamilie. *Zschr. Augenh.*, 1938, 95: 276-9.—**Berg, F.** Erbliches jugendliches Glaukom. *Acta ophth.*, Kbh., 1932, 10: 568-87. Also *Hygia, Stockholm*, 1932, 94: 816.—**Biró, I.** [Hereditary of glaucoma] *Orv. hetil.*, 1939, 83: 832-4. Also *Ophthalmologica*, Basel, 1939-40, 98: 43-50.—**Briggs, A. H.** Familial primary glaucoma in adults. *Brit. J. Ophth.*, 1939, 23: 649-59.—**Cappetto, D. & Motolese, A.** Il glaucoma dei giovani. *Boll. ocul.*, 1936, 15: 911-1002.—**Courtney, R. H., & Hill, E.** Hereditary juvenile glaucoma simplex. *J. Am. M. Ass.*, 1931, 97: 1602-9. Also repr.—**Dérier, J.** [Hereditary juvenile glaucoma] *Bratisl. lek. listy*, 1930, 10: 600-2.—**Fayek Fahim.** Juvenile glaucoma. *Bull. Ophth. Soc. Egypt*, 1939, 32: 176-81.—**Hird, R. B.** Bilateral glaucoma in a girl, at 10 years. *Tr. Ophth. Soc. U. K.*, 1927, 47: 381.—**Hrankovíková, L.** [Primary glaucoma in young people] *Bratisl. lek. listy*, 1931, 11: 91-4.—**James, R. R.** A pedigree of a family showing hereditary glaucoma. *Brit. J. Ophth.*, 1927, 11: 438-43.—**Korte, W.** Beiträge zur Erblichkeit des Glaukoms. *Klin. Mbl. Augenh.*, 1939, 102: 664-8.—**Löhlein, W.** Beitrag zur Ätiologie der Glaukoms der Jugendlichen. *Zschr. Augenh.*, 1932-33, 79: 524-32.—**Makarov, N. N.** [Peculiar hereditary form of glaucoma in the Transbaikal] *Vest. oft.*, 1937, 10: 850-5.—**Mayou, M. S.** Juvenile glaucoma. *Proc. R. Soc. M., Lond.*, 1928-29, 22: sect. opht., 28-30.—**Tewfik Sadik, M.** Early incidence of glaucoma in Egypt and its causes. *C. rend. Congr. internat. méd. trop.*, 1928, 1. Congr., 3: 735-41.—**Vejdovský, V.** [Primary noninflammatory green cataract in a girl of 14 years] *Bratisl. lek. listy*, 1931, 11: 87-9.—**Waardenburg, P. J.** Beobachtungen über Vererbung im Grenzgebiete zwischen jugendlichem und Altersglaukom, sowie zwischen kindlichem und jugendlichem Glaukom. *Arch. Ophth.*, Berl., 1939, 140: 662-86.—**Werner, S.** Zur Kenntnis des erblichen juvenilen Glaukoms. *Acta ophth.*, Kbh., 1929, 7: 162-8. Also *Fin. läk. säll. land.*, 1929, 71: 171-6.—**Wescott, V.** Early glaucoma. *Illinois M. J.*, 1940, 78: 317-9.—**Wolfsohn-Jaffé, E.** Ueber 9 Fälle von hereditärem Glaukom der Erwachsenen in 3 Generationen. *Klin. Mbl. Augenh.*, 1935, 94: 662-8.—**Wurdemann, H. V.** Adolescent glaucoma. *Eye Ear & Month.*, 1935-36, 14: 59-61.—**Zorab, A.** Glaucoma simplex familiaris. *Tr. Ophth. Soc. U. K.*, 1932, 52: 446-60.

History of research.

Farina, F. Etiologia, patogenesi e terapia del glaucoma (rassegna storico-critica). *Gior. ocul.*, 1926, 7: 121; 1927, 8: 1; passim.—**Fehér, L.** [Present status of glaucoma] *Gyógyászat*, 1938, 78: 783.—**Hagen, S.** Norwegian contribution to the diagnosis and treatment of glaucoma. *Brit. J. Ophth.*, 1937, 21: 597.—**Holth, S.** Historical remarks on treatment of primary glaucoma. *Tr. Ophth. Soc. U. K.*, 1933, 53: 326-35. Also *Norsk. mag. laegevid.*, 1934, 95: 19-26.—**Laughlin, R. C.** Glaucoma; a historical essay. *Bull. Johns Hopkins Hosp.*, 1934, 54: (Suppl.) 141-63.—**Pischel, K.** Glaucoma; an historical review. *Am. J. Ophth.*, 1928, 3. ser., 11: 789-94.—**Rintelen, F.** Ueber die Bedeutung des Wortes Glaukom im Altertum. *Schweiz. med. Wschr.*, 1939, 69: 646.—**Schroeder, H.** Glaucoma in retrospect. *Eye Ear & Month.*, 1935-36, 14: 297-302.—**Sorsby, A.** Acute glaucoma; an historical note. *Brit. J. Ophth.*, 1932, 16: 555-60.—**Wright, R. E.** Historical remarks on treatment of primary glaucoma. *Tr. Ophth. Soc. U. K.*, 1933, 53: 336-60.

Hydrophthalmos.

See also subheadings **hereditary; secondary.**

BRONS [K.] H. *Ueber die Vererbung des Hydrophthalmus congenitus. 28p. 8°. Tüb., 1937.

BURLEIN, F. L. *Subconjunctivale Linsenluxation bei Buphthalmus. 18p. 8°. Würzb., 1937.

GOLDHAMMER, K. *Ein Fall von Hornhautverdünnung bei Hydrophthalmus [Würzburg] 43p. 8°. Mellrichstadt, 1936.

HEINERMANN, E. *Das Ektropium uvcae congenitum mit angeborenem Buphthalmus. 19p. 8°. Würzb., 1936.

NICATI, M. *Le glaucome infantile; son pronostic et son importance au point de vue typhologique. 28p. 8°. Lausanne, 1925.

Akashi, I. Studien über die elastischen Fasern im Augenge-webe; Sclera, Chorioidea, Sehnerven und der Befund bei zwei Fällen von Buphthalmus. *Acta Soc. ophth. jap.*, 1940, 44: 37.—**Alajmo, B.** Contributo alla anatomia patologica ed alla patogenesi dell'idroftalmio. *Boll. ocul.*, 1930, 9: 139-69.—**Aliquò-Mazzei, A.** Contributo anatomopatologico alla conoscenza dell'idroftalmio. *Lettura oft.*, 1937, 14: 285-96, 2 pl.—**Bollack, J., Voisin, J., & Camps, S.** Sur une forme particulière de glaucome infantile; malformation de l'angle irido-cornéen, intégrité fonctionnelle. *Bull. Soc. opht. Paris*, 1938, 127-35.—**Brissot & Delsuc.** Un cas de buphtalmie associé à l'idiotie. *Ann. méd. psychol.*, Par., 1936, 94: pt 2, 62-5.—**Byers, W. G. M.** Buphthalmos secondary to congenital iridocyclitis. *Arch. Ophth.*, Chic., 1931, n. ser., 6: 578 81.—**Cantonnet, A.** L'œil de bœuf. *Rev. gén. clin. théor.*, 1922, 36: 161.—**Collins, E. T.** Congenital anterior staphyloma. *Tr. Ophth. Soc. U. K.*, 1908-9, 29: 169-87, 3 pl.—**Cosmettatos, G. F.** Sur la genèse de l'hydrophthalmie congénitale. *Ann. ocul.*, Par., 1928, 165: 752-70.—**De Long, P.** Congenital anterior staphyloma. *Tr. Am. Ophth. Soc.*, 1933, 31: 315-28, pl.—**Dollfus, M. A.** Le glaucome infantile à propos de 2 cas récemment observés. *Nourrisson*, 1929, 17: 286-94.—**Elschnig, H. H.** Ueber die klinischen Symptome der Risse der Membrana Descemeti beim Hydrophthalmus nebst Bemerkungen über ihre Frühperforation bei der eitrigen Keratitis. *Klin. Mbl. Augenh.*, 1924, 73: 395-411.—**Gallemaerts.** Glaucoma infantile et loupé à fente. *Rev. gén. opht.*, Genève, 1925, 39: 243.—**Hallum, A. V.** Congenital secondary glaucoma; report of 2 cases syphilitic in origin. *Am. J. Ophth.*, 1939, 3. ser., 22: 1262 6.—**Hardesty, J. F.** Infantile glaucoma. *Ibid.*, 1934, 3. ser., 17: 689-92.—**Holmes, W. J.** Congenital buphthalmos; complicated by dislocation of lens and hemorrhage into vitreous with complete recovery of central vision. *Arch. Ophth.*, Chic., 1938, 20: 757-60.—**Hudson, A. C.** Transient buphthalmos. *Proc. R. Soc. M., Lond.*, 1935-36, 29: 965.—**Hymes, C.** Two cases of buphthalmos in siblings. *Am. J. Ophth.*, 1934, 3. ser., 17: 132-4.—**Jaensch, P. A.** Hydrophthalmus congenitus und Encephalocle orbitae posterior. *Ber. Deut. ophth. Ges.*, 1929, 47: 455.—**Jauernig.** Primärer und sekundärer Hydrophthalmus. *Zschr. Augenh.*, 1938, 94: 107.—**Kalt, E.** L'hydrophthalmie congénitale altérations anatomiques. *Ann. ocul.*, Par., 1933, 170: 97-115.—**Kaminsky, D.** Klinische Mitteilungen über Hydrophthalmus congenitus. *Wien. klin. Wschr.*, 1916, 30: 151; 1917, 176.—**Kiang, S. M.** Hydrophthalmus in the newborn; report of a case. *Chin. M. J.*, 1936, 50: 1496.—**Lamb, H. D.** Hydrophthalmus. *Am. J. Ophth.*, 1925, 3. ser., 8: 784-91.—**Laursen, L.** [Cranial deformity with bilateral buphthalmus] *Hospitals-tidende*, 1938, 81: [Neur. selsk. forh.] 11-3.—**Lavat.** Le glaucome infantile. *Prat. méd. fr.*, 1926, 5: 128-33.—**Laws, W. G.** A case of congenital glaucoma of unusual type. *Brit. J. Ophth.*, 1928, 12: 248.—**Lawson, A.** Congenital anterior staphyloma (right) congenital corneal opacities and microphthalmos (left). *Tr. Ophth. Soc. U. K.*, 1904-5, 25: 314-6.—**Lepore, M.** Contributo chimico ed anatomo-patologico allo studio del buphtalmio primario e secondario. *Pensiero med.*, 1927, 16: 417-27.—**Marshall, J.** Congenital anomaly; persistence of the tunica vasculosa with subsequent buphthalmos. *Tr. Ophth. Soc. U. K.*, 1924, 44: 176-82.—**Maxwell, E.** Case of buphthalmos and ectropia. *Ibid.*, 1936, 56: 372.—**Mayou, M. S.** A case of congenital anterior synechia with buphthalmos (anterior staphyloma) *Ibid.*, 1909-10, 30: 120-30.—**Meisner.** Hydrophthalmus und angeborene Hornhauttrübungen. *Arch. Ophth.*, Berl., 1923, 112: 433-58.—**Mengel, W. G.** Infantile glaucoma. *J. M. Soc. N. Jersey*, 1935, 32: 689-93.—**Morgan, J. A.** A case of buphthalmus. *Am. J. Ophth.*, 1925, 3. ser., 8: 813.—**Motolese, A.** Das Glaukom der Jugendlichen. *Ber. Deut. ophth. Ges.*, 1936, 51: 411-5.—**Mould, W. L.** Infantile glaucoma; with report of a case. *Hosp. News, Wash.*, 1940, 7: No. 14, 17-22.—**Mulock Houwer, A. W.** [Megalocornea or buphthalmus congenitus?] *Geneesk. tschr. Ned. Indië*, 1932, 72: 1410-4.—**Mussabelli, U.** Zur pathologischen Anatomie des Buphthalmus. *Zschr. Augenh.*, 1934, 83: 27-34.—**Oguchi, C.** Epibulbares Hamartom bei Hydrophthalmus. *Arch. Ophth.*, Berl., 1933, 130: 432-40.—**Panico, E.** Contributo allo studio dell'idroftalmio. *Boll. ocul.*, 1928, 7: 1-19.—**Parsons, J. H.** Congenital anterior staphyloma. *Tr. Ophth. Soc. U. K.*, 1904, 34: 47-63.—**Pavlov, N. M.** [Pathological anatomy and pathogenesis of congenital hydrophthalmia] *Vest. oft.*, 1937,

11: 354-60.—**Peters, A.** Ueber Kolloid-Einlagerungen in die Hornhaut bei Buphthalmus. Arch. Augenh., 1928, 99: 235-9.—**Pick, L.** [Case of congenital buphthalmos.] Medicina, Kaunas, 1937, 18: 589-91.—**Remky, E.** Embryotoxon posterius bei Hydrophthalmus congenitus mit scheinbarer Aniridie post partum. Zschr. Augenh., 1933, 81: 48-54.—**Rooy, A. J. P. M. de** [Statistics on buphthalmus.] Ned. tschr. geneesk., 1937, 81: 2988.—**Santonastaso, A.** Sull'eziopatogenesi dell'idrotallmo. Ann. ottalm., 1936, 64: 405; 437, 2 pl.—**Slavik, B.** [Infantile and juvenile glaucoma.] Bratisl. lek. listy, 1930, 10: 470-8.—**Stein, L.** Linksseitiger Buphthalmus mit gleichseitiger Hemihypertrophie der entsprechenden Gesichtshälfte. Klin. Mbl. Augenh., 1939, 102: 541-4.—**Waardenburg, P. J.** Eine merkwürdige Kombination von angeborenen Missbildungen: doppelseitiger Hydrophthalmus verbunden mit Akrocephalosyndaktylie, Herzfehler, Pseudohernioprothitusmus und anderen Abweichungen. Ibid., 1934, 92: 29-44.—**Westhoff, C. H. A.** Angeborenes Staphyloma corneae am linken und Atrophia bulbi am rechten Auge. Zbl. prakt. Augenh., 1898, 22: 247.—**Wigger, C.** Ein Fall von angeborenem sekundärem Glaukom. Zbl. Gyn., 1927, 51: 1493-6.—**Wüdemann, H. V.** Congenital buphthalmos. Am. J. Ophthalm., 1927, 3. ser., 10: 761-3.

Hydrophthalmos: Treatment.

Boisdé, P. *Le glaucome infantile; son traitement par la trépanation précoce. 82p. 8°. Par., 1926.

DETTMERING, M. *Die Ergebnisse der Behandlung des Hydrophthalmus in den Fällen der Göttinger Klinik von 1914-31. 35p. 8°. Göt., 1932.

HELDT, H. *Die operativen Erfolge bei Hydrophthalmus an der Universitätsaugenklinik Würzburg von 1925-1928 [Würzburg] 16p. 8°. Charlottenb., 1930.

KRUSE, M. *Die operativen Erfolge des jugendlichen Glaukoms 1928 bis 1932 [Würzburg] 16p. 8°. Gütersloh, 1934.

MAUCH, O. *Die Sklerotomie in der Behandlung des infantilen Glaukoms Mitteilung der Ergebnisse dieser Operationen, wie sie in den Jahren 1881-1910 aufgezeichnet wurden in der Universitäts-Augenklinik in Zürich. 50p. 8°. Zür., 1911.

Angelucci, A. Felix Lagrange; traitement du glaucome infantile (rapport) Arch. ottalm., 1925, 32: 423-8.—**Bartels, M.** Einfluss von vielfachen druckentlastenden Operationen bei Hydrophthalmus congenitus und gleichzeitige Entstehung von hoher Myopie. Zschr. Augenh., 1931, 75: 17-20.—**Bednarski, A.** [Infantile glaucoma cured without surgical interference.] Polska gaz. lek., 1926, 5: 845.—**Blake, E. M.** A collective study of the treatment of congenital hydrophthalmos. Tr. Am. Ophthalm. Soc., 1924, 22: 41-52. Also Arch. Ophthalm., N. Y., 1925, 54: 1-10.—**Clark, S. T.** A case of buphthalmus; tension controlled by mecholyl and prostigmine. Am. J. Ophthalm., 1940, 3. ser., 23: 812.—**Gifford, S. R.** Iridenecrosis in buphthalmos. Arch. Ophthalm., Chic., 1934, n. ser., 11: 751-6.—**Jaensch, P. A.** Anatomische und klinische Untersuchungen zur Pathologie und Therapie des Hydrophthalmus congenitus. Arch. Ophthalm., Berl., 1927, 118: 21-102.—**Kindt, P.** Ein Fall von spontan geheiltem Hydrophthalmus congenitus. Acta ophthalm., Kbh., 1937, 15: 333-6.—**Lagrange, F.** Traitement du glaucome infantile. Marseille méd., 1925, 62: 1306-11. Also Rev. gén. opht., Genève, 1925, 29: 241-3.—**Patton, J. M.** The management of buphthalmos. Tr. Am. Acad. Ophthalm., 1925, 30: 38-57.—**Paulique, I.** Iridosclerectomie dans le glaucome infantile; résultat éloigné. Bull. Soc. opht. Paris, 1934, 216.—**Spratt, C. N.** Trephining for buphthalmos; report of a case observed for 17 years. Arch. Ophthalm., Chic., 1930-31, 4: 338-41. Also repr.—**Terrien, P.** Prognostic et traitement de l'hydrophthalmie. Progr. méd., Par., 1935, 221-6.—**Wright, R. E., & Nayar, K. K.** Trephining in the treatment of congenital glaucoma. Brit. J. Ophthalm., 1931, 15: 166-70.

Iris.

GÜNTHER, R. *Ueber die Bedeutung von Missbildungen der Regenbogenhaut für das Entstehen des primären Glaukoms [Frankfurt] 27p. 8°. Berl., 1937.

Abraham, S. V. Mydriatic glaucoma; a statistical study. Arch. Ophthalm., Chic., 1933, 10: 757-62.—**Adinolfi, V.** Glaucoma in oculo con aniridia. Lettera oft., 1929, 6: 54.—**Tillé, H.** L'atrophie irienne glaucomateuse. Bull. Soc. opht. Paris, 1931, 426-35.—**Undelt, J.** Ueber die Rolle der Iris und des Pupillenspiels bei der Entstehung des Glaukoms. Klin. Mbl. Augenh., 1934, 92: 619-28.

labyrinthine.

Ciurlo, L. Sulla ipoacusia con concomitanza di glaucoma. Arch. ital. otol., 1937, 49: 497-518.—**Cordero, C., & Porta, C. F.** Contributo allo studio dei rapporti fra glaucoma ed ipoacusia. Arch. ottalm., 1934, 41: 159-94.—**Miglietta, F.** Glaucoma cronico ed ipoacusia. Boll. ocul., 1929, 8: 484-99.—**Roger, H., Paillas, J., & Farnarier, G.** Glaucome absolu, névrite du trijumeau et surdité gauches au cours d'une maladie de Paget à prédominance crânienne. Rev. otoneur., Par., 1937, 15: 615-8.—**Tillé, H.** Notes sur quelques observations de vertiges et d'hypocousie associées au glaucome oculaire et considérations cliniques sur le syndrome dit glaucome labyrinthique. Ann. otolar., Par., 1937, 1054-60. — Le syndrome glaucome labyrinthique; note sur quelques observations du vertiges, hypocousie et bourdonnements associés au glaucome oculaire. Rev. otoneur., Par., 1937, 15: 577-83.

malignant.

Evans, J. N. Malignant glaucoma; a study in tonometry. Med. Times, N. Y., 1931, 59: 422.—**Zeeman, W. P. C.** Glaucoma malignum. Klin. Mbl. Augenh., 1935, 94: 389. Also Ned. tschr. geneesk., 1935, 79: 1996.

Manifestation.

Abadie, C. Sur un symptôme objectif du glaucome qui éclaire sa pathogénie. Bull. Soc. opht. Paris, 1927, 528-32.—**Albright, C. C.** Glaucoma symptoms. Northwest M., 1926, 25: 496-9.—**Duke-Elder, W. S.** Pathological diffraction halos. Brit. J. Ophthalm., 1927, 11: 342.—**Gallois, J.** Obnubilations visuelles et halos, révélateurs d'un glaucome chronique méconnu; hypotension artérielle thérapeutique; facteur d'aggravation. J. méd. Paris, 1935, 55: 479.—**Grösz, E.** [Early symptoms of glaucoma.] Gyógyászat, 1935, 75: 711-3.—**Lacat, C.** De certaines formes d'états glaucomeux. Rev. prat. mal. pays chauds, 1938, 18: 540-8.—**Lagrange, H.** Douleur viscérale, sommation glaucomeuse. Bull. Soc. opht. Paris, 1932, 179-85.—**Laqueur, L.** History of my glaucomatous illness. Am. J. Ophthalm., 1929, 3. ser., 12: 984-9.—**Ourgaud, G., & Jean-Séden.** Sur différents symptômes neurologiques peu fréquents du glaucome incipiens. Rev. otoneur., Par., 1936, 14: 514-7.—**Peyrolongue, de.** Les grands signes du glaucome. Vie méd., 1926, 7: 789.—**Potter, G. B.** Early symptoms of glaucoma. Nebraska M. J., 1938, 23: 216.—**Raymond, R. L.** Increased intraocular tension in young persons as a cause of severe frontal headache. Brit. M. J., 1934, 2: 102.

Metabolism.

Addario La Ferla, G. Sui rapporti patogenetici tra glaucoma cronico semplice e stato ipercolesterinico (a proposito di un caso di glaucoma cronico semplice unilaterale in soggetto con xantelasma simmetrico e steatosi a settore dell'iride corrispondente) Lettera oft., 1925, 2: 549-63.—**Baudot, R., & Gerbaut, P.** La constante d'Amhard chez les glaucomeux. Bull. Soc. opht. Paris, 1926, 393-5.—**Biffis, A.** Rapporto tra calcio e potassio nel sangue dei glaucomatosi. Ann. ottalm., 1933, 61: 284-94.—**Franta, J.** [Calcium and potassium in the blood serum in primary glaucoma.] Bratisl. lek. listy, 1930, 10: 585-94. — [Metabolism of organic fluids in primary glaucoma.] Cas. lek. česk., 1933, 72: 586-92.—**Gallenga, R.** Valore emocolesterinico e tensione oculare con particolare riguardo al glaucoma. Boll. ocul., 1931, 10: 1141-56.—**Giannantonio, C.** I cloruri nel sangue totale dei glaucomatosi. Lettera oft., 1932, 9: 319.—**Gouterman, J. I.** The role of calcium in essential glaucoma. Arch. Ophthalm., Chic., 1929, n. ser., 2: 670-8. Also repr.—**Heegaard, S., & Larsen, V.** Einiges über den Wasserstoffwechsel bei normalen und Glaucomkranken (vorläufige Mitteilung) Acta ophthalm., Kbh., 1931, 9: 302-9.—**Jaswal, J. N.** Renal efficiency in glaucomatous patients. Ind. M. Gaz., 1937, 72: 728-30.—**Krause, A. C.** Serum proteins and glaucoma. J. Lab. Clin. M., 1932, 18: 1-5.—**Larsen, V.** Le métabolisme basal chez les glaucomeux. Acta ophthalm., Kbh., 1933, 11: 494-500.—**Passow, A.** Ueber die Bedeutung der Lipide und verwandter Stoffe für das primäre Glaukom (mit einer Beobachtung über die Wirkung des Rose bengale auf das Auge) Ber. Deut. ophthalm. Ges., 1930, 48: 113-21 [Discussion] 156-61.—**Schmelzer, H.** Chemische Blutbefunde bei Glaucomkranken. Ibid., 1938, 52: 251-6. — Glaukom und Hepatopathie. Klin. Mbl. Augenh., 1939, 102: 231-8. — Leberfunktionsprüfung bei Glaucomkranken. Arch. Ophthalm., Berl., 1939-40, 141: 266-95.—**Siebert, P.** Stoffwechseluntersuchungen beim Glaukom. Zschr. Augenh., 1936, 89: 13-31.—**Tron, E., & Odnasheva, A.** [Potassium-calcium index and adrenalin in the blood in glaucoma.] Vest. oft., 1937, 11: 3-12.—**Wegner, W.** Untersuchungen über Zusammenhänge zwischen Wasserhaushalt und Glaukom. Ber. Deut. ophthalm. Ges., 1930, 48: 127-33 [Discussion] 156-61. — Ueber die Bedeutung des Flüssigkeitsaustausches zwischen Blut und Gewebe für das Glaukom. Arch. Augenh., 1930, 103: 511-40.

monocular.

Hird, R. B. Monocular glaucoma in a woman, aet. 22 years. Tr. Ophthalm. Soc. U. K., 1927, 47: 382.—**Rones, B.** Recurrent monocular glaucoma. Am. J. Ophthalm., 1935, 18: 657.—**Teulière & Valette.** Sur un cas de glaucome juvénile monolatéral, vraisemblablement sous la dépendance d'un déséquilibre vago-sympathique. Rev. otoneur., Par., 1927, 5: 717-22.

— Optic nerve, and papilla.

BLUM, L. L. *Beitrag zur Physiko-chemie der glaukomatösen Excavation; Versuch zu einer dynamischen Glaukomtheorie. 36p. 23cm. Genève, 1938.

KOHLBORN, E. *Gestaltsveränderung der glaukomatösen Excavation nach druckherabsetzenden Operationen [Würzburg] 15p. 8°. Dillingen, 1930.

Cattaneo, D. Contributo allo studio delle alterazioni del nervo ottico e della papilla nel glaucoma. Ann. ottalm., 1926, 54: 65-91.—Courtis, B. Anatomía patológica del nervio óptico en el glaucoma. Sem. méd., B. Air., 1936, 43: pt 2, 906-12.—Elschnig, A. Entstehung der glaukomatösen Excavation. Ber. Deut. ophth. Ges., 1927, 46: 65-9 [Discussion] 79-86.—Kapusinski, W. Contribution à l'étude du développement de l'excavation et de l'atrophie du nerf optique dans le glaucoma simple. Arch. ophth., Par., 1930, 47: 779-87.—Knapová, F. [Clinical case of disappearance of glaucomatous excavation] Cas. lek. česk., 1926, 65: 856-9.—Moretti, E. Ueber Knochenbildung innerhalb einer glaukomatösen Excavation. Zschr. Augenh., 1928, 66: 239-43.—Nicolato, A. Considerazioni sulle alterazioni del nervo ottico nel glaucoma primario. Rass. ital. ottalm., 1937, 6: 507-28.—Pickard, R. The red field and optic disk resistance in glaucoma and allied conditions. Proc. R. Soc. M., Lond., 1929-30, 23: Sect. Ophth., 57-66.—Glaucoma and low tension disc cup enlargements. Brit. J. Ophth., 1931, 15: 323-33.—Salzmann, M. Die präpapilläre Bindegewebswucherung bei Glaukom und ihr Verhältnis zur Refinitis proliferans. Arch. Ophth., Berl., 1939, 140: 629-54.—Stock, W. Zur Entstehung der lakunären Atrophie bei Glaukom. Klin. Mbl. Augenh., 1927, 78: Beilb., 61-3.—Würdemann, H. V. The relations of cupping of the optic disc to visual fields in glaucoma. Am. J. Ophth., 1927, 3, ser., 10: 831-6.

— Pathogenesis.

See also subheading Etiology.

Alajmo, B. Lo stato attuale della moderna dottrina fisioclinica del glaucoma. Arch. ottalm., 1930, 37: 111; 145.—Barkan, O., Boyle, S. F., & Maister, S. On the genesis of glaucoma; an improved method based on slitlamp microscopy of the angle of the anterior chamber. Am. J. Ophth., 1936, 3, ser., 19: 209-15. Also Eye Ear & Month., 1936-37, 15: 9-13.—Bonnefon, C. Contribution physiologique à l'étude des hypertensiones oculaires. C. rend. Soc. biol., 1925, 92: 354.—Caballero, F. Consideraciones sobre la patogenia del glaucoma. Arch. oft. hisp. amer., 1932, 32: 303-18.—Casini, F. Considerazioni e ricerche in un caso di glaucoma cronico semplice a ipertensione tardiva; contributo clinico al problema etiopatogenetico del glaucoma. Arch. ottalm., 1939, 46: 40-70.—El Kattan, M. A. A brief comment on the pathological course of glaucoma. Bull. Ophth. Soc. Egypt, 1937, 30: 17-21, 4 pl.

Une interprétation résumée de l'évolution pathologique du glaucoma. Ann. ocul., Par., 1939, 176: 564.—Elwyn, H. Pathogenesis of chronic simple glaucoma, a new concept of the maintenance of the normal intraocular pressure. Arch. Ophth., Chic., 1938, 19: 986-1008. Also Am. J. Ophth., 1940, 3, ser., 23: 1043.—Farina, F. Ipertonie endoculari e glaucoma vero e proprio; studio cziopatogenetico e clinico-terapeutico in base alla dottrina neuro-endocrinologica. Arch. ottalm., 1929, 36: 417-52.—Fortin, E. P. Investigations sur la cause du glaucoma. Sem. méd., B. Air., 1927, 34: pt 2, 663; 1931, 38: 97.—Fracassi, G. Teoria sulla patogenesi del glaucoma. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 65. Also Abstr.—Gala, A. & Málka, J. [Relation between the actual blood reaction and pathogenesis of the glaucoma] Cas. lek. česk., 1928, 67: 172-7.—Gifford, S. R. The pathogenesis of glaucoma. Arch. Ophth., Chic., 1930, n. ser., 3: 88-98. Also repr.—Glazer, W. H. Glaucoma; a theory of cause. Am. J. Optometr., 1939, 16: 222-30.—Herbert, H. A new glaucoma theory. Tr. Ophth. Soc. U. K., 1925, 45: 333-55.

Supplementary remarks on the origin of chronic glaucoma. Tr. Ophth. Soc. U. K., 1929, 49: 312-4.—Hudelo, A. Le glaucoma; syndrome asphyxique du globe. Clin. ophth., Par., 1928, 32: 422-41.—Kadlicky [Nature of glaucoma] Bratisl. lek. listy, 1930, 10: 426-32.—Kalfa, S. Ueber den den Innenaugendruck regulierende Gefäßreflex und seine Bedeutung für die Pathogenese des Glaukoms. Arch. Augenh., 1932, 106: 271-5.—Kapusinski. Théorie de la pathogénie du glaucoma simple. Rev. gén. ophth., Genève, 1924, 38: 475.—Kerry, R. The pathogenesis of glaucoma. Tr. Ophth. Soc. U. K., 1925, 45: 355-68.—Kronfeld, P. C. Modern viewpoints as to the mechanism of glaucoma. Am. J. Ophth., 1929, 3, ser., 12: 480-4.—Latte, M. Zur Ätiologie und Pathogenese des Glaukoms. Schweiz. med. Wschr., 1939, 69: 1123-9.—Magitot, A. La symptomatologie du glaucoma et le problème pathogénique. Ann. ocul., Par., 1929, 166: 356; 439; 609, pl.—Michaelson, I. C. Recent theories of the nature of glaucoma. Glasgow M. J., 1939, 131: 105-17, pl.—Nordenson, J. W. The pathogenesis of glaucoma. Uppsala läk. fören. förh., 1927, n. F., 32: 67-71.—Gonioskopie und Glaukomtheorien. Ibid., 1928, n. F., 33: 407-12.—Passow, A. Ueber Beziehungen des Gesamtorganismus zum primären Glaukom. Arch. Augenh., 1930, 103: 111-60.—Peterson, A. Neuere Ergebnisse der Glaukomforschung. Klin. Wschr., 1931, 10: 385-9.—Ramsey, A. M. The patho-

genesis of acute primary glaucoma. Eye Ear & Month., 1928, 7: 278-84.—Redslob, E. Le glaucoma primitif est-il une affection inflammatoire? Ann. ocul., Par., 1935, 172: 1-13.—Rúiz Velasco, J. Las teorías patogénicas del glaucoma. Rev. med. cir. Habana, 1929, 34: 841-51.—Samoilov, A. J. [Contemporary status of the problem of the exchange of fluids inside the eye in relation to the pathogenesis and therapy of glaucoma] Tr. Vseross. sezda glazn. vrach., 1929, 1. Congr., No. 1, 33-45.—Schroeder, H. Glaucoma, a nutritional edema. N. Orleans M. & S. J., 1934-35, 87: 671-8.—Glaucoma and edema. Eye Ear & Month., 1935-36, 14: 369-73.—Sondermann, R. Ueber Ursprung und Wesen des primären Glaukoms. Arch. Augenh., 1933, 107: 457-82.—Meine Glaukomtheorie und die Klinik des Glaukoms. Klin. Mbl. Augenh., 1934, 92: 313-35.—Tello, N. Modernas orientaciones en la génesis del glaucoma. Arch. oft. hisp. amer., 1931, 31: 394-8.—Waite, J. H. How primary glaucoma may arise from disturbances in the physico-chemical forces which regulate intraocular fluid exchange. Arch. Ophth., N. Y., 1927, 56: 460; 552.—Weinstein, P. [Pathogenesis of glaucoma] Gyógyászat, 1938, 78: 712.

— Pathology.

Bonnefon, L'hypertension oculaire dynamique ou glaucoma pariétal. C. rend. Soc. biol., 1926, 94: 183-5.—Cirincione, G. Appunti per il trattato di ottalmologia; glaucoma. Ann. ottalm., 1930, 58: 3; 99.—Courtis, B. Anatomía patológica del ángulo de la cámara anterior, iris y cuerpo ciliar en el glaucoma. Rev. As. méd. argent., 1933, 46: 3434-42.—Díaz Domínguez, D. Etudes sur l'imbibition de l'œil énucléé. Ann. ocul., Par., 1926, 163: 183-92.—Fischer, F. P. Ueber die Beschaffenheit der äusseren Bulbushüllen bei abnormem intraokularen Druck. Arch. Augenh., 1930, 103: 1-75.—Frost, A. D. Pathological considerations in glaucoma. Ohio M. J., 1930, 26: 1008-10.—Hamburger, C. Von der Entzündung, nach Versuchen am tierischen und am Glaukomauge. Münch. med. Wschr., 1927, 74: 1867-70.—Herbert, H. On the cement substance of the intra-ocular muscles and chronic glaucoma. Brit. J. Ophth., 1929, 13: 289; 337.—Jossifow, G. M. Das Lymphgefäßsystem des Auges, mangelhafte Entwicklung und Veränderung desselben bei Glaukom. Anat. Anz., 1932-33, 75: 277-96.—Kliachko, M. L. [Material for study of the pathology of glaucoma in adolescents] Vest. oft., 1939, 15: No. 3, 80-90.—Mohammed, I. A. Synopsis on the pathology of glaucoma. Bull. Ophth. Soc. Egypt, 1937, 30: 22-31. —Vue d'ensemble sur la pathologie du glaucoma. Ann. ocul., Par., 1939, 176: 565.—Protopopov, B. V. [Intra-ocular resorption in glaucoma] Vest. oft., 1939, 15: No. 5, 31-8.—Sanderson, D. D. Further studies in the pathology of glaucoma. Nebraska M. J., 1927, 12: 140.—Schmelzer, H. Zur Pathologie und Therapie des Glaukoms. Arch. Ophth., Berl., 1928, 120: 14-93.—Szász, A. Ein klinischer Beitrag zur Pathologie und Therapie des Glaukoms. Arch. Augenh., 1933-34, 108: 621-30.—Wood, D. J. The resistance of the lamina cribrosa in glaucoma. J. M. Ass. S. Africa, 1931, 5: 251-2.—Würdemann, H. V. Pathological changes in eyes enucleated subsequent to operations for glaucoma. Eye Ear & Month., 1929, 8: 496; 546.

— Pharmacology.

See also subheadings Eye tension: Provocative tests; Treatment: Drugs.

MARÉCHAL, M. E. B. *Etude de l'action de la folliculine dans le glaucoma et essais de thérapeutique par l'hormone du corps jaune; travail de la clinique ophtalmologique de l'Hôtel-Dieu de Paris. 111p. 8°. Par., 1937.

VANNAS, M. *Klinische Untersuchungen über die Einwirkung des Adrenalins bei Glaukom [Helsinki] p.339-433. 8°. Kbh., 1927.

Also Acta ophth., Kbh., 1926, 4:

YORÉ, J. *Les influences de l'adrénaline sur le glaucoma. 64p. 8°. Par., 1933.

Alajmo, B. L'azione della istamina sull'occhio normale e sull'occhio glaucomatoso. Rass. ital. ottalm., 1933, 2: 3-31.—Alvis, E. B. The effect of splenic extract on chronic simple glaucoma. Am. J. Ophth., 1940, 3, ser., 23: 529-31.—Barlow, A. Ephedrine and glaucoma. Ibid., 1930, 3, ser., 13: 687-9.—Bellavia, A. Azione dell'insulina nel glaucoma con ipertensione nelle ulcere asteniche della cornea e nella fistola lacrimale. Rass. ital. ottalm., 1932, 1: 490-502.—Bellows, I., Puntene, L., & Cowen, J. Use of sorbitol in glaucoma. Arch. Ophth., Chic., 1938, 20: 1036-43.—Chiazaro, D. Sur la résorption du magnésium métall dans l'œil humain. Ann. ocul., Par., 1936, 173: 689-702.—Cuccchia, A. Studio sui rapporti fra glaucoma e ormoni sessuali. Ann. ottalm., 1928, 56: 117-39.—De Sanctis, G. E. L'azione del Doryl sull'occhio in condizioni normali e in casi di glaucoma. Ibid., 1937, 65: 25-37.—Dolfus, M. A., & Ségué, J. Glaucoma et substances oestrogènes, folliculine. Bull. Soc. ophth. Paris, 1936, 299-302.—Friemann. Ueber die Wirkung des Veritols am menschlichen Auge. Klin. Mbl. Augenh., 1938, 101: 563-5.—Gapeev, P. I. [Effects of epinephrine, glucosau and pituitrin on intraocular pressure in glaucoma] Tr. Vseross. sezda glazn. vrach., 1929, 1. Congr.,

- No. 1, 69-76. Also *Klin. Mbl. Augenh.*, 1928, 81: 626-30.—**Gifford, S. R.** Acute rise of tension following the use of adrenalin in glaucoma. *Am. J. Ophth.*, 1928, 3, ser., 11: 628-31.—**Glavan, I.** [Effect of ergotamine on the eye-tension in glaucoma.] *Rev. st. med., Bucur.*, 1928, 17: 841-59.—**Imre, J., Jr.** Zur Adrenalinwirkung bei Glaukom. *Ber. Deut. ophth. Ges.*, 1925, 45: 41-5. [Discussion] 47-52.—**John, I.** Ueber die Wirkung subconjunctival injizierter hypertensischer Kochsalzlösungen bei Glaukom. *Arch. Ophth.*, Berl., 1931, 126: 592-600.—**Kubik, J.** Zur Diokainwirkung. *Klin. Mbl. Augenh.*, 1933, 90: 661.—**Miloro, A.** L'azione del doryl nella cura del glaucoma. *Ann. ottalm.*, 1935, 63: 780-93.—**Nectoux, R.** Action de l'yoimibine sur le champ visuel dans un cas de glaucoma chronique. *Bull. Soc. opht. Paris*, 1938, 103-6.—**Nyquist, B.** On recording of the effect of drugs in a case of glaucoma inflammatorium. *Acta ophth.*, Kbh., 1935, 13: 256-9.—**Plique, J.** Etude expérimentale et clinique de l'action de la thyroïde sur la tension oculaire; rapports de la fonction thyroïdienne avec le glaucoma. *Bull. Soc. opht. Paris*, 1929, 12-39.—**Post, W. L.** Neo-synephrine; mydriatic and tension-reducing actions. *Am. J. Ophth.*, 1937, 3, ser., 20: 170-7.—**Puscariu, E., & Cerkez, V.** Hypertonies; hypotonies; injections sous-conjonctivales de pilocarpine; faits expérimentaux et cliniques. *Ann. ocul.*, Par., 1926, 163: 484-506.—**Sabata, J.** [Experiments with adrenalin injections in chronic glaucomas] *Cas. lék. česk.*, 1927, 66: 609-13.—**Samoilov, A. J.** Experimentelle Studien über die Wirkung der Pituitrin-injektionen auf die Augendruckkurve der reaktiven Hypertonie. *Klin. Mbl. Augenh.*, 1928, 80: 247-53.—**Schmidt, K.** Zur Druckbeeinflussung des Glaukomauges. *Ber. Deut. ophth. Ges.*, 1927, 46: 50-5. [Discussion] 79-86.—**Schroeder, H.** Zur Wirkung von Miotika auf das Glaucoma. *Ibid.*, 1929, 47: 213-7. [Discussion] 221-33.—**Schroeder, H.** Action of drugs in glaucoma. *Eye Ear & Mouth*, 1937-38, 16: 9-11.—**Smalino, M.** Sull'azione della infoganglina e di altre sostanze vasodilatatrici nel glaucoma. *Rass. ter. pat. clin.*, 1936, 8: 17-41.—**Strieff, E. B.** Wirkung des Syntropans im normalen und glaukomatösen Auge. *Klin. Mbl. Augenh.*, 1937, 98: 504-10.—**Szász, A.** Die medikamentöse Beeinflussung der reaktiven Hypertonie. *Arch. Augenh.*, 1931, 104: 155-66.—**Atropin, Skopolamin, Adrenalin, Ephedrin, Glandultrin, Ergotamin.** *Ibid.*, 1931-32, 105: 681-9.—**Die medikamentöse Beeinflussung des Augenstoffwechsels; pharmakodynamische Schlussfolgerungen, Angaben über den Stoffwechsel und seine Beeinflussung bei normalen und glaukomatösen Augen.** *Ibid.*, 1933-34, 108: 162-93.—**Thiel, R.** Experimentelle und klinische Untersuchungen über den Einfluss des Ergotamins (Gynergens) auf den Augendruck beim Glaukom. *Klin. Mbl. Augenh.*, 1926, 77: 753-75.—**Tóth, Z.** [Use of 1% solution of toponen in ophthalmology] *Orv. hetil.*, 1936, 80: 373.—**Werner, S.** Ueber die Einwirkung subkutaner Gynergens- (Ergotamin-) Injektionen auf den Druck bei Glaukom. *Acta ophth.*, Kbh., 1931, 9: 275-85.—**Klinische Untersuchungen über die Einwirkung von subkonjunktivalen Gynergensinjektionen auf den Druck bei Glaukom.** *Ibid.*, 286-301.—**[Influence of subcutaneous and subconjunctival ergotamine injections on intra-ocular pressure in glaucoma]** *Fin. läk. säll. hand.*, 1931, 73: 196-219.—**Wilenskin, M.** Ueber die Wirkung des Doryls auf den intraokulären Druck und die Pupillenweite. *Klin. Mbl. Augenh.*, 1936, 96: 84-90.—**Wolff, L. K., & Jongh, S. E. de.** Ueber eine Substanz, die inständig ist, den Augendruck herabzusetzen. *Biochem. Zschr.*, 1925, 163: 428-37.
- **primary.**
- See also subheadings absolute; acute; chronic.
- McKay, E. D.** Primary glaucoma. *J. Oklahoma M. Ass.*, 1940, 33: 8-10.—**Primiani, C. H.** Primary glaucoma. *Sind M. J.*, 1932, 5: 3-6.—**Terrien, F., & Veil, P.** De certains glaucomas soi-disants primitifs. *Arch. opht.*, Par., 1929, 46: 333-50.—**Weinberger, N. S., & O'Brien, J. P.** Primary glaucoma. *Bull. Guthrie Clin.*, 1936, 6: 9-14.
- **Problems.**
- Fehér, L.** [Present status of the problem of glaucoma] *Budapesti orv. ujs.*, 1939, 37: 241-4.—**Gordon, B. I.** The problem of glaucoma. *Arch. Ophth.*, Chic., 1938, 19: 515-47.—**Grosz, E.** The problem of glaucoma. *Tr. Hunterian Soc.*, Lond., 1938-39, 3: 88-99.—**Hamburger, C.** Glaukomprobleme. *Klin. Mbl. Augenh.*, 1927, 78: 189-205.—**Moulton, H.** Glaucoma simplex: some problems. *J. Arkansas M. Soc.*, 1936-37, 33: 97-9.—**Wolfe, O.** The glaucoma problem. *J. Am. Optomet. Ass.*, 1937-38, 9: 277; 298.
- **Prognosis, and sequelae.**
- See also Blindness, Causes.
- SCHMIDT-RIMPLER, H.** Glaukom und Ophthalmomalacie. 347p. 8°. Lpz., 1908.
- Brown, E. V. L.** Loss of vision despite restoration of normal tension. *Am. J. Ophth.*, 1920, 3, ser., 3: 442.—**Green, J.** Responsibility for blindness from chronic glaucoma. *Tr. Indiana Acad. Ophth.*, 1937, 28-49.—**Juler, F.** Prognosis in primary glaucoma. *Lancet*, Lond., 1934, 2: 1355.—**Young, G.** Recovery of vision which was reduced to hand-movements by chronic glaucoma. *Tr. Ophth. Soc. U. K.* (1926) 1927, 46: 181-7.
- **Retina.**
- See also subheading Blood pressure.
- SALZMANN, M.** Glaukom und Netzhautzirkulation. 68p. 8°. Berl., 1933.
- De Cristofaro, U.** Distacco di retina in occhio glaucomatoso. *Bol. ocul.*, 1929, 8: 78-97, pl.—**Feigenbaum, A.** Ueber vorübergehende und dauernde Störungen der Dunkeladaptation beim Glaukom. *Klin. Mbl. Augenh.*, 1928, 80: 596-607.—**Feldman, J. B.** Hemeralopia, dark-adaptation, and glaucoma. *Am. J. Ophth.*, 1940, 3, ser., 23: 923.—**François, J.** Anomalies vasculaires de la rétine et anastomoses veineuses sur la papille chez un glaucomateux. *Bull. Soc. belge opht.*, 1934, No. 69, 97-103.—**Gandolfi, C.** Il comportamento della pressione vascolare della retina nel glaucoma. *Ann. ottalm.*, 1939, 67: 433-50.—**Igersheimer, J.** Ist ein Glaukom inständig die Transsudation aus den Netzhautgefäßen zu beeinflussen? *Ophthalmologica*, Basel, 1939, 97: 146-58.—**Kashuk, M. E.** [Objective symptoms of disorders of retinal circulation in glaucoma] *J. méd.*, Kiev, 1939-40, 9: 1439-45.—**Koyanagi, Y.** Ueber die Verlagerung der Netzhaut in der Papille bei Glaukom. *Klin. Mbl. Augenh.*, 1929, 82: 317-24.—**Möller, H. U.** Dark vision in glaucoma. *Acta ophth.*, Kbh., 1925, 3: 170-82.—**Przhibyskaia, Ia. I.** [Daily variability of dark adaptation in glaucoma] *Vest. oft.*, 1939, 14: Ho. 2-3, 37-41.
- **Rupture of eyeball.**
- NATAF, R.** *La rupture spontanée du globe oculaire dans le glaucoma. 83p. 8°. Par., 1927.
- Howard, H. J.** Spontaneous trephining of the eyes of a Chinese in glaucoma. *China M. J.*, 1927, 41: 910-4, 2 pl.—**Iles, A. E.** Pathological specimen; spontaneous rupture of globe. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Ophth., 1615.—**Mathewson, G. H.** Rupture of the eyeball from glaucoma. *Am. J. Ophth.*, 1932, 3, ser., 15: 139.
- **secondary.**
- SAMOILOV, A. J.** [Reactive hypertonia of the eye] 84p. 8°. [Moskva, 1926]
- Burton, E. W.** Secondary glaucoma. *South. M. J.*, 1935, 28: 461-4.—**Cuff, J. R.** Glaucoma with special reference to its pathology and a report of 2 cases of secondary glaucoma. *J. Nat. M. Ass., N. Y.*, 1935, 27: 27-106.—**Ellett, E. C.** Secondary glaucoma. *Am. J. Ophth.*, 1936, 3, ser., 19: 335.—**Shannon, C. E. G.** Secondary glaucoma. *Pennsylvania M. J.*, 1934-35, 38: 616-20.—**Taggart, H. J.** Juvenile glaucoma? secondary. *Proc. R. Soc. M., Lond.*, 1934, 28: Sect. Ophth., 350.—**Weinberger, N. S.** Secondary glaucoma. *Bull. Guthrie Clin.*, 1932, 1: 106-9.—**Wilder, W. H.** Some phases of secondary glaucoma. *Am. J. Ophth.*, 1930, 3, ser., 13: 681-6.
- **secondary: Etiology.**
- See also under names of parts and diseases of the eye as Cataract; Choroid; Cornea; Eye, Abnormities; Iris, &c.
- DRIEST, C.** *Ueber einen Fall von Neurofibrom in der Aderhaut mit Hydrophthalmus [Greifswald] 16p. 21cm. Stettin, 1936.
- Allen, T. D.** Glaucoma following cataract. *Am. J. Ophth.*, 1937, 3, ser., 20: 525-8.—**Billings, G. M.** Glaucoma; gouty eye. *South. M. & S.*, 1939, 101: 57.—**Bothman, L.** Cataract vs glaucoma. *Illinois M. J.*, 1939, 76: 331-5.—**Calogero, G.** Glaucoma in ozenatosi; considerazioni sull'etiopatogenesi del glaucoma e dell'ozena. *Rass. ital. otorinol.*, 1927, 1: 18-25.—**Gifford, H.** The cause of the glaucoma of hypermature cataract. *Arch. Ophth.*, N. Y., 1927, 56: 457-9.—**Gödl, H.** Glaukom bei einem Tumor des Ziliarkörpers. *Klin. Mbl. Augenh.*, 1935, 94: 702.—**Gros, H. B.** Glaucoma consécutif à des enclavements capsulaires. *Clin. opht.*, Par., 1925, 29: 691-3.—**Kaufman, S. I.** Morgagnian cataracts and their complications with report of a case of spontaneous rupture of the lens capsule causing secondary glaucoma. *Arch. Ophth.*, Chic., 1933, 9: 56-63.—**Kerry, R.** Glaucoma and sepsis. *Brit. M. J.*, 1936, 2: 808.—**Kraupa, E.** Das Spätglaukom nach Keratitis parenchymatosa. *Zschr. Augenh.*, 1934, 84: 43-8.—**Larsson, S.** Ueber Tenonitis und die sie begleitende intraokuläre Drucksteigerung nebst einigen Bemerkungen über den intraokulären Druck bei retrobulbären Affektionen im Allgemeinen. *Acta ophth.*, Kbh., 1925-26, 3: 207-27.—**Links, A.** [Glaucomatous attack as complication of influenza] *Gyógyászat*, 1937, 77: 432.—**Liu Pau Hua.** Versilberung der Hornhaut und Glaukom bei Berufsgaryrie. *Arch. Augenh.*, 1929-30, 102: 334-8.—**Marquézy, R. A., & Tavenec.** Glaucoma et encéphalopathie infantile; rôle de l'hérédosyphilis. *Bull. Soc. pédiat. Paris*, 1935, 33: 222-5.—**Mazal, V.** [Glaucoma and syphilis] *Bratisl. lek. listy*, 1931, 11: 82-7.—**Meisner, W.** Ueber Glaucoma simplex als Complication peripherer Chorioiditis. *Zschr. Augenh.*, 1925, 58: 128-35.—**Neame, H., & Khan, W. A.** Glaucoma secondary to choroidal sarcoma; the treatment of painful blind glaucomatous eyes. *Brit. J. Ophth.*, 1925, 9: 618-27, pl.—**Nicolau** [Glaucoma and juvenile cataract in a patient with congenital multiple cardio-vascular malformation:

persistence of the arterial canal and aplasia of the carotid and subclavicular arteries]. *Rev. st. med., Bucur.*, 1933, 22: 561-73.—**Poos, F.** Klinische Untersuchungen über die Beziehungen zwischen Osmose, Blutdruck und Augendruck; Hypertonie durch Senkung des Blutzuckerspiegels bei jugendlichem Diabetes und Glaukom mit Diabetes. *Klin. Mbl. Augenh.*, 1930, 81: 340-59.—**Rollet & Colrat.** Un cas de glaucome syphilitique. *Lyon méd.*, 1928, 141: 388.—**Tatár, J.** Glaukom bei Morbus Cushing. *Arch. Ophth., Berl.*, 1938, 139: 793-800.—**Thiel.** Glaukom und Diabetes. *Klin. Mbl. Augenh.*, 1939, 102: 550.

— secondary, traumatic, and postoperative.

See also Cataract, Surgery: Complications; Eye injury.

HERMANN, P. *Des glaucomes chroniques par contusion. 59p. 8° Par., 1931.

Agnello, F. Contributo allo studio del glaucoma traumatico. *Lettura oft.*, 1931, 8: 520-39. — Glaucoma secondario a penetrazione di ciglia nella camera anteriore. *Ibid.*, 1933, 12: 248-53.—**Allen, T. D.** Glaucoma following injury to the lens or eyeball. *Surg. Clin. N. America*, 1940, 20: 215-24.—**Amin Bey, M.** A case of glaucoma due to presence of vitreous in the anterior chamber after cataract extraction. *Bull. Ophth. Soc. Egypt*, 1929, 22: 70-4.—**Bothman, L.** Glaucoma following radiation; pathological report. *Tr. Am. Acad. Ophth. Otol.*, 1939, 199-214.—**Cvetojevic, M.** [Mydriasis traumatica max. (glaucoma)] *Voj. san. glasnik*, 1937, 8: 487-96.—**Fialho Filho, A.** Glaucoma secundario a discissao da cataracta secundaria. In *Licões clin. (Gonzaga, L.) Rio*, 1934, 263-73.—**Fox, S. A.** Postoperative glaucoma. *Arch. Ophth., Chic.*, 1936, 16: 583-608.—**Greeves, R. A.** Some unusual cases of glaucoma secondary to injury. *Brit. M. J.*, 1937, 2: 1107.—**Hamburger, C.** Akutes Glaukom und akute Entzündung (Hollensteinstift) *Klin. Mbl. Augenh.*, 1932, 89: 366-70.—**Hoeve, J. van der** [Glaucoma following a burn] *Ned. tscr. geneesk.*, 1926, 70: pt 2, 209.—**Klauber, E.** [Pathology and therapy of traumatic glaucoma] *Cas. lek. česk.*, 1929, 8: 1187.—**Lal Mahadevia, A. M.** Septic focus in mouth the cause of post-operative glaucoma a month after intracapsular removal of cataract. *Pract. Med.*, Delhi, 1932, 30: 227.—**Marin Amat, M.** Glaucoma de origen traumático. *Siglo méd.*, 1934, 93: 714-7.—**Mezzateata, F.** Glaucoma acuto traumatico. *Boll. ocul.*, 1929, 8: 265-9.—**Nègre.** Evolution d'un glaucome aigu bilatéral après un traumatisme grave de l'épaule. *Bull. Soc. ophth. Paris*, 1927, 321-6.—**Nicolato, A.** Del glaucoma secondario a discissione di pseudo-cataratta. *Arch. ottalm.*, 1937, 44: 371-82. — Note sull'eziologia e la patogenesi del glaucoma conseguente a discissione di pseudo-cataratta. *Ibid.*, 1939, 46: 1-17.—**Padovani, S.** Ipertensione oculare traumatica ad insorgenza tardiva. *Boll. ocul.*, 1929, 8: 270-4.—**Reid, A. C.** Late traumatic glaucoma following a war injury. *Tr. Ophth. Soc. U. K.*, 1929, 49: 454.—**Sabata** [Interesting observations on secondary glaucoma during sub-luxation of the crystalline lens, due to injury] *Cas. lek. česk.*, 1932, 71: 971.—**Samuels, B.** Glaucoma and sympathetic ophthalmia. *Arch. Ophth., Chic.*, 1937, 17: 1031-9.—**Subconjunctival medication as a possible cause of glaucoma.** *Bull. Pract. Ophth., S. Franc.*, 1932, 2: 123.—**Swett, W. F.** Reflex spasm, simulating embolus of the central retinal artery; secondary glaucoma following antrum irrigation; complete recovery. *Am. J. Ophth.*, 1935, 18: 359.—**Terrien, F.** Glaucome et traumatismes. *Rev. gén. clin. théér.*, 1935, 49: 369-72.—**Tillema, A.** Traumatic glaucoma; an anatomic and clinical study. *Arch. Ophth., Chic.*, 1937, 17: 586-647.—**Villard, H., Vialefont, H., & Bouziques.** Pousseée de glaucome aigu survenue après ponction lombaire. *Arch. Soc. sc. méd. biol. Montpellier*, 1934, 15: 479-83.—**Zeeman, W. P. C.** [Glaucoma phacogeneticum; microscopic demonstration] *Ned. tscr. geneesk.*, 1939, 83: 4176-8.

— secondary: Treatment.

Alvis, B. Y. Management of glaucoma following cataract operation. *Am. J. Ophth.*, 1939, 3. ser., 22: 518-25.—**Buffington, W. R.** Etiology and treatment of glaucoma preceding and following cataract extraction. *Texas J. M.*, 1939-40, 35: 700-4.—**Campbell, D. M.** A surgical procedure for glaucoma following cataract operation. *Eye Ear & C. Month.*, 1939-40, 18: 9-12.—**Cavara, V.** Sulla terapia chirurgica del glaucoma negli occhi operati di cataratta e della cataratta negli occhi operati per glaucoma. *Atti Accad. fisicocrit. Siena* (1928) 1929, ser. 10, 3: 679-88.—**Coppez, J. H.** Traitement du glaucome secondaire par instillations d'adrénaline. *Bull. Soc. belge ophth.*, 1932, No. 64, 44-6.—**Federici, E.** Il metodo operatorio di Elliot in alcune forme di glaucome secondario. *Arch. ottalm.*, 1932, 39: 382-5.—**Greenwood, A.** Surgery of secondary glaucoma. *Am. J. Surg.*, 1938, 42: 10-3.—**Nicolato, A.** Della sclerectomia posteriore nella cura del glaucoma secondario a sinechie posteriori totali (blocco dell'iride) *Arch. ottalm.*, 1931, 38: 162-79. — Ulteriori risultati dell'applicazione della trapanazione sclerale posteriore, nel glaucoma secondario al blocco dell'iride. *Ibid.*, 1933, 40: 359-67.—**Sédan, J.** Glaucome irritatif, guéri par l'énucléation de l'autre œil buphtalmie. *Bull. Soc. ophth. Paris*, 1927, 350-3.

— Sur le traitement des états glaucomeux dans l'ani-

ridie. *Ibid.*, 1938, 615-20.—**Terrien, F.** Diagnostic et traitement des glaucomes secondaires. *J. prat., Par.*, 1938, 52: 705-11.—**Torres Estrada, A.** Catarata glaucoma inflamatorio agudo; sus indicaciones en la terapéutica. *An. Soc. mex. oft.*, 1939, 14: 25-39.—**Vannas, M.** Ueber Staroperation bei Glaukom. *Acta ophth., Kbh.*, 1934, 12: 38-68.—**Weeks, W. W.** Choice of operations in secondary glaucoma. *Am. J. Ophth.*, 1933, 3. ser., 16: 301-7.

— Social service, and clinics.

Jensen, A. F., & Gradle, H. S. The need for social service work in glaucoma. *Am. J. Ophth.*, 1939, 3. ser., 22: 993-5.—**Schoenberg, M. J.** Could we save more sight for glaucoma patients by continuous follow-up and care? *Proc. Conf. Nat. Soc. Prev. Blindness*, 1935, 42-9. — & **Esterman, B.** The Glaucoma Clinic of the Herman Knapp Memorial Eye Hospital. *Arch. Ophth., Chic.*, 1937, 17: 666-73.—**Smith, A. G.** Facts from 7 years' experience of a social service follow-up and care of glaucoma patients. *Proc. Conf. Nat. Soc. Prev. Blindness*, 1935, 49-53.

— Surgery.

Deaudox, H. A. Surgical treatment of glaucoma; brief historical review. *Eye Ear & C. Month.*, 1939-40, 18: 206-10.—**Brown, M. E.** A surgical suggestion for glaucoma. *South. M. J.*, 1930, 23: 797-801.—**Barleson, J. H.** The surgical treatment of glaucoma. *Ibid.*, 1934, 27: 262-6.—**De Boe, M. P.** Surgical treatment of glaucoma. *Ibid.*, 1930, 23: 268.—**Duverger, C., & Velter, E.** Le traitement chirurgical du glaucome chronique. *Arch. ophth., Par.*, 1930, 47: 5-12.—**El Bakly, M. A.** Surgical treatment of glaucoma. *Bull. Ophth. Soc. Egypt*, 1937, 30: 65-78, 4 pls. Also *Ann. ocul.*, Par., 1939, 176: 567.—**Fernández, L. J.** Tratamiento quirúrgico del glaucoma. *Bol. As. méd. Puerto Rico*, 1940, 32: 154-7.—**Grösz, E.** Wandlungen in der Lehre der Glaukomoperationen. *Wien. med. Wschr.*, 1925, 75: 2477-9. — The operative treatment of glaucoma. *Arch. Ophth., Chic.*, 1931, n. ser., 5: 327-33. Also repr.—**Jaensch, P. A.** Die operative Behandlung des chronischen Glaukoms. *Deut. med. Wschr.*, 1926, 52: 697-9.—**Meyer, S. J.** The surgical treatment of glaucoma. *Illinois M. J.*, 1935, 68: 520-6.—**Mügge, E.** Operative treatment of glaucoma. *Arch. Ophth., Chic.*, 1938, 19: 847.—**Row, H.** Operation to control glaucoma. *Ibid.*, 1934, n. ser., 12: 325-9.—**Weeks, W. W.** La cura chirurgica del glaucoma. *Gazz. osp.*, 1937, 58: 416-8.—**Woods, A. C., & Burch, E. P.** The surgical treatment of glaucoma. *South. M. J.*, 1937, 30: 888-96.—**Wright, R. E.** Lectures on glaucoma; the operative treatment of glaucoma. *Am. J. Ophth.*, 1937, 20: 571-9.

— Surgery: Choice of operation.

MÜLLER, L. Das Glaukomproblem und die Glaukomoperationen. 103p. 8° Wien, 1934.

Axenfeld, T. Die Indikationen der verschiedenen Glaukomoperationen. *Klin. Mbl. Augenh.*, 1930, 85: 478-93.—**Badot, J.** Faut-il opérer le glaucome? *Bruxelles méd.*, 1939-40, 20: 441.—**Crisp, W. H.** Improved surgical prognosis in simple glaucoma. *Colorado M.*, 1933, 30: 450-6.—**Friedenwald, J. S.** Some factors concerned in the success of operations for glaucoma. *Am. J. Ophth.*, 1932, 3. ser., 15: 189-93.—**Guirol y Viondi, R.** Tratamiento quirúrgico del glaucoma según su forma. *Rev. med. cir. Habana*, 1929, 34: 12-24.—**Jervay, J. W.** Operative and non-operative glaucoma. *South. M. J.*, 1933, 26: 330-3.—**Reese, A. B.** The value of early operation in chronic primary glaucoma. *J. Am. M. Ass.*, 1939, 113: 1204-6.—**Riach, M. T.** Glaucoma; some surgical considerations. *California West. M.*, 1930, 32: 242-5.—**Strakhov, V. P.** [The choice of operation in glaucoma] *Sovet. vest. oft.*, 1936, 9: 623-31.—**Thomson, E. S.** The choice of operation in glaucoma. *J. M. Soc. N. Jersey*, 1930, 27: 876-82.—**Zentmayer, W.** Pathogenesis and choice of operation in different types of glaucoma. *Virginia M. Month.*, 1925-26, 52: 407-11.

— Surgery: Complications.

Alexiadès, S. Infection post-opératoire tardive 7 mois après une trépanation d'Elliot chez une malade atteinte de glaucome chronique bilatérale. *Arch. ophth., Par.*, 1933, 50: 833-7.—**Cattaneo, D.** Contributo clinico, anatomico, batteriologico allo studio delle infezioni tardive in seguito a operazioni fistolizzanti antiglaucomatose. *Arch. ottalm.*, 1935, 63: 481-93, pl.—**Chaillous, J.** Hémorragies post-opératoires chez un glaucomeux. *Bull. Soc. belge ophth.*, 1932, No. 65, 58-64.—**Cousin & Kalt, M.** Ectasie scléro-cornéenne bilatérale à la suite de 2 interventions pour glaucome. *Bull. Soc. ophth. Paris*, 1925, 357-9.—**Ewing, F. C.** Hypotony after sclero-corneal trephining. *Eye Ear & C. Month.*, 1934, 13: 34.—**Fromaget, C.** Ophthalmies sympathiques consécutives à des opérations antiglaucomateuses. *Bull. Soc. méd. chir. Bordeaux* (1926) 1921, 325-33.—**Hanssen, R.** Zur Kataraktbildung nach Glaukomoperationen. *Zschr. Augenh.*, 1929, 69: 348.—**Hudson, A. C.** Hypotony after sclero-corneal trephining. *Proc. R. Soc. M., Lond.*, 1933, 27: Sect. Ophth., 147.—**Lindberg, J. G.** Stauungspapille als Operationskompli-

kation in einem ungewöhnlichen Glaukomfalle; zur Kenntnis der grossen Druckfälle des Glaukomages. Acta ophth., Kbh., 1932, 10: 101-11.—**Morax, V.** L'infection tardive dans les opérations antiglaucomateuses. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 2: 520-30. Also Abstr.—**Weeks, W. W.** Ocular hypertension in glaucoma; errors in operative technic likely to cause failures in operations for its control. Tr. Am. M. Ass., 1936, Sect. Ophth., 100-11.

— Surgery: Method.

Andrade, G. de. A escolha do melhor processo quirurgico no tratamento do glaucoma chronico. Brasil med., 1926, 40: pt 2, 15-21.—**Barkan, O.** Recent advances in the surgery of chronic glaucoma. Tr. Am. Acad. Ophth. Otol., 1936, 41: 469-88. Also Am. J. Ophth., 1937, 3. ser., 20: 1237-45.—**Bourdeaux.** A propos du traitement chirurgical du glaucome. Ann. ocul., Par., 1937, 174: 769.—**Car, A.** Die Muskelein- klemmung und ihre Wirkung auf den Augendruck. Arch. Ophth., Berl., 1931, 126: 613-20.—**Durr, S. A.** The operations for glaucoma. Am. J. Ophth., 1926, 3. ser., 9: 174-7.—**Du- verger, C.** & **Velter, E.** Opérations antiglaucomateuses. In Traité opht. (P. Baillart, C. Coutela, et al.) Par., 1939, 7: 773-88.—**Dyar, E. W.** & **Matthew, W. B.** Use of sucrose preparatory to surgical treatment of glaucoma. Arch. Ophth., Chic., 1937, 18: 57-61.—**Favaloro, G.** Sulla peritomia ignea profonda nell'occhio umano ed animale e sulle sue possibili applicazioni in terapia oculare, specie antipertensiva. Lettura off., 1927, 4: 75-90, pl.—**Fiore, T.** Cura radicale del glaucoma con la sclero-ciliarotomia-ignea fiore. Ann. ottalm., 1929, 57: 820-57. Nuovo metodo operativo nella cura del glaucoma. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 372-6. Also Abstr.—**Fox, L. W.** Glaucoma: our surgical resources in its treatment. Proc. Interst. Postgrad. M. Ass. N. America (1928) 1929, 407-13.—**Howard, H. J.** A method of deepening the anterior chamber in glaucoma and cataract operations. Am. J. Ophth., 1935, 18: 461.—**Jameson, P. C.** Vascularization of the anterior segment of the eye; the bearing of these studies on some operative procedures, including a possible supplementary procedure for glaucoma; preliminary report. Arch. Ophth., Chic., 1933, 9: 523-30.—**Lewis, A. C.** Operations and operators for chronic glaucoma. J. Tennessee M. Ass., 1926-27, 19: 319-24.—**Lister, W. T.** Operations for glaucoma. In Eye & its diseases (Berens, C.) Phila., 1936, 1117-27.—**McLaurin, J. G.** An operation for glaucoma. Am. J. Ophth., 1935, 18: 26-30.—**Masters, R. J.** An operation for glaucoma; preliminary report. Tr. Indiana Acad. Ophth., 1937, 50-62.—**Mügge, E.** Zur operativen Therapie des Glaukoms. Ber. Deut. ophth. Ges., 1936, 51: 371-8.—**Norton, E.** Preliminary report of an operative procedure for glaucomas. Am. J. Surg., 1929, n. ser., 6: 752-5.—**Operations (The)** for glaucoma. Bull. Pract. Ophth., S. France, 1935, 5: 20-2.—**Roy, D.** Glaucoma; technic of the various operations. South. Surgeon, 1933, 2: 241-8.—**Sapir, I. M.** [Effect of tenotomy of the recti muscles on the intracocular pressure in glaucoma.] Sovet. vest. oft., 1936, 9: 822-35.—**Sondermann, R.** Eine neue Glaukomoperation. Ber. Deut. ophth. Ges., 1934, 50: 78-81. [Discussion] 81-6. Also Arch. Ophth., Chic., 1935, 13: 701.—**Stefansson, J.** An operation for glaucoma. Am. J. Ophth., 1925, 3. ser., 8: 681-93.—**Swift, W. F.** A new operative procedure in glaucoma. Arch. Ophth., Chic., 1931, n. ser., 5: 634. Also repr.—**Skolik, E.** Ignipunktur der Hinterkammer bei Drucksteigerung. Klin. Mbl. Augenh., 1934, 93: 801-3.—**Terson, A.** Pénétration sclérale facilitée dans les opérations anti-glaucomateuses. Ann. ocul., Par., 1932, 169: 300-4. Latéralisation partielle de la première opération anti-glaucomateuse supérieure. Ibid., 1934, 171: 353-7.—**Tooke, F. T.** A pathological interpretation of some surgical procedures adopted for the relief of glaucoma. Canad. M. Ass. J., 1938, 39: 114-20.—**Webster, D. H.** Some remarks of the operative treatment of glaucoma. J. Connecticut M. Soc., 1938, 2: 139.—**Wille, W. A.** [A new glaucoma operation] Geneesk. tschr. Ned. Indië, 1930, 70: 981-5.

— Surgery: Method: Corneo-scleral trephining [Elliot]

HILGE, F. *Die Elliotsche Trepanation beim Glaucoma simplex (Auszug) 10p. 8°. [Bonn] 1921.

JUNGFLEISCH, H. *Komplikationen nach Elliot'scher Trepanation [Giessen] 38p. 8°. Homburg-Saar, 1935.

LINKE, G. *Spätfektion nach Elliot-Trepanation [Heidelberg] 27p. 8°. Beerfelden i. O., 1937.

MIXIUS, O. H. *Die in den Jahren 1929-1931 an der Universitäts-Augenklinik in Würzburg mit der Elliot'schen Trepanation in der Modifikation von F. Schieck behandelten Fälle von Glaucoma simplex. 27p. 8°. Würzb., 1933.

REINHARD, H. *Die in den Jahren 1925-1929 an der Universitäts-Augenklinik in Würzburg

mit der Elliot'schen Trepanation in der Modifikation von P. Schieck behandelten Fälle von Glaucoma simplex. 19p. 8°. Würzb., 1934.

WEITLAUFF, P. *Beitrag zur pathologischen Anatomie der Spätfektion nach Elliot'scher Operation [Heidelberg] 15p. 8°. Münch., 1936.

WILHELM, F. *Die Ergebnisse der Glaukom-Operationen nach Elliot in den Jahren 1933 und 1934 an der Universitäts-Augenklinik in Würzburg [Würzburg] 31p. 8°. Wertheim, 1937.

Ask [Sclero-corneal trephining] Lunds läk. säll. förh., 1920-21, 91-4.—**Automatic** trephine for glaucoma. Bull. Pract. Ophth., S. France, 1939, 9: 27-9.—**Claes, E. M. J.** L'opération de Szymanski ou demi-Elliott. Bull. Soc. belge opht., 1931, No. 62, 71-6.—**Davenport, R. C.** The after results of corneo-scleral trephining for glaucoma. Brit. J. Ophth., 1926, 10: 478-84.—**Duc, C.** Considerazioni sulla terapia chirurgica del glaucoma con particolare riguardo alla permeabilità della cicatrice dopo la trapanazione di Elliot. Rass. ital. ottalm., 1936, 5: 446-65.—**East, A. G.** A note on holding the conjunctival flap in sclero-corneal trephining. Brit. J. Ophth., 1927, 11: 345.—**Elliot, R. H.** Some after-thoughts on trephining for glaucoma. Am. J. Ophth., 1931, 3. ser., 14: 999-1004. — Trephining. Arch. Ophth., Chic., 1932, 8: 797-803. Also repr.—**Green, A. S.** & **Green, M. I.** Automatic trephine for glaucoma. Ibid., 1939, 21: 328-30. — & **Green, L. D.** Glaucoma; factors underlying success in trephining. Ibid., 1930, n. ser., 3: 297-300. A new automatic trephine. Ibid., 1931, n. ser., 6: 752-3.—**Hambresin.** La trépanation de l'œil glaucomateux. Rev. méd., Louvain, 1919, 289-305.—**Hudson, A. C.** Hypotony after sclero-corneal trephining. Proc. R. Soc. M., Lond., 1934, 27: 1057.—**Hurtault, J. B.** & **Sverdlid, J.** Extracción de la rodaja escleral introducida accidentalmente en la cámara anterior durante la operación de Elliot. Arch. oft. B. Aires, 1939, 14: 537-9.—**Kaleff, R.** Ueber Bindehaut- und Mundschleimhautplastik bei der Elliotschen Operation. Zschr. Augenh., 1934-35, 85: 73-81.—**Karasek, O.** Eine seltene Komplikation der Elliotschen Skleraltrepanation bei Hydrophthalmus congenitus. Klin. Mbl. Augenh., 1934, 92: 389-91.—**Kiep, W. H.** Brief notes on 2 cases of trephining for glaucoma in which complications arose in an unusual fashion. Tr. Ophth. Soc. U. K., 1927, 47: 400-3.—**Kurz, J.** [Value of Elliot's trepanation in glaucoma] Bratisl. lek. listy, 1930, 10: 550-6.—**Loiko, E.** [Late infection in Elliot's operation] Med. misl. Rostov, 1925-26, 3: 47-51.—**MacMillan, J. A.** Air injection as a factor in maintaining filtration following corneoscleral trephining in glaucoma. Tr. Am. Ophth. Soc., 1939, 37: 127-34, pl. Also Arch. Ophth., Chic., 1939, 22: 968-73.—**Marx, E.** [Double trepanation in glaucoma] Ned. tschr. geneesk., 1934, 78: 1690.—**Orloff, K.** Einiges über die Mitteilung von Wiegmann: Zur Technik der Operation Elliot. Klin. Mbl. Augenh., 1927, 78: 241; 79: 252.—**Parrott, J. M.** Corneoscleral trephining (Elliot's operation) South. M. & S., 1925, 87: 727; 1927, 89: 544.—**Schoenberg, M. J.** A case of recurrence of ocular hypertension 18 years after an Elliot operation. Am. J. Ophth., 1939, 3. ser., 22: 774-7.—**Schulmann, F.** Seltene Zwischenfälle nach Elliots Trepanation, zugleich Beitrag zur Frage Keratitis parenchymatosa und Trauma. Klin. Mbl. Augenh., 1934, 92: 522-30.—**Sourdille, G.** & **Sourdille, G. P.** Iridectomy totale dans la trépanation d'Elliot. Schweiz. med. Wschr., 1939, 69: 1008.—**Szymanski, J.** Demi-Elliott. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 386. Also Abstr.—**Demi-Elliott** en théorie et en pratique. Arch. opht., Par., 1928, 45: 97-101. Also Zschr. Augenh., 1928, 64: 373-6.—**Thomsen, H.** Das Ergebnis der an 244 glaukomatösen Augen ausgeführten Elliot-Operation. Acta ophth., Kbh., 1939, 17: 301-9.—**Troncoso, M. U.** & **Reese, A. B.** Gonioscopic findings after Elliot operation. Tr. Ophth. Soc. U. K., 1933, 53: 366-91. Also Am. J. Ophth., 1935, 18: 103-19.—**Walker, C. B.** Trephine operation: pressure and dirt in this operation, with new devices for control. Arch. Ophth., Chic., 1931, n. ser., 5: 517-26.—**Zentmayer, W.** Sclerocorneal trephining in chronic simple glaucoma; some interesting case reports. Am. J. Ophth., 1931, 3. ser., 14: 617-24.—**Zethelius, M.** Experiences with Bentzen's modification of Elliot's operation. Acta ophth., Kbh., 1932, 10: 91-100.

— Surgery: Method: Cyclodialysis [Heine]

LAGRANGE, P. *Contribution à l'étude de la cyclodialyse. 60p. 8°. Strasb., 1930.

MIROUX, G. *Contribution à l'étude de la cyclodialyse dans le traitement du glaucoma chronique. 54p. 8°. Par., 1936.

SCHÖNINGH, R. [A. L.] *Erfahrungen über die Behandlung des Glaukoms mit der Heine'schen Cyclodialyse an der Leipziger Universitäts-Augenklinik [Leipzig] 24p. 8°. Emsdetten (Westf.) 1934.

SOLARI BLACUTT, C. *La ciclodialis de Heine en el glaucoma [Santiago de Chile] 83p. 26 $\frac{1}{2}$ cm. Nuñoa, 1938.

Arkhangelsky, P. F. [Spatula-forceps in Heine's operation] Sovet. vet. oft., 1936, 9: 117. Also Arch. ophth., Par., 1936, 53: 697-9.—Baillart & Laignier. La cycloclialyse dans le traitement du glaucome chronique. Bull. Soc. ophth. Paris, 1935, 636-42.—Barkan, O., Boyle, S. F., & Maisler, S. On the surgery of glaucoma: mode of action of cycloclialysis. Am. J. Ophth., 1936, 3, ser., 19: 21-5. Also California West. M., 1936, 44: 12-6.—Bednarski, L. Les résultats de 62 cycloclialyses. Rev. gén. ophth., Genève, 1924, 38: 477.—Bergler, K. Ueber Trepanationszyklodialyse. Klin. Mbl. Augenh., 1939, 102: 49-56.—Besso, M. G. Sulla opportunità di associare la ciclodialis alle operazioni fistolizzanti in alcuni casi di glaucoma. Ann. ottalm., 1937, 65: 626-34.—Brecher, I. Ueber eine neue Modifikation der Zyklodialyse (vorläufige Mitteilung über einen Fall) Klin. Mbl. Augenh., 1936, 96: 235-7.—Bruckner, Z. [Formations on the transparent membranous platelets in the anterior chamber caused by dehiscence of Descemet's membrane in cycloclialysis] Cas. lek. česk., 1929, 68: 1100-3.—Bunge, E. Ueber Dauerresultate nach der Zyklodialyse. Klin. Mbl. Augenh., 1933, 90: 21-35.—Cornet, E. Les cycloclialysesclérotomies opérations antiglaucomateuses. Ann. ocul., Par., 1938, 175: 678-86.—Elschnig, A. Zur Wirkungsweise der Cycloclialyse. Ber. Deut. ophth. Ges., 1932, 49: 277-80 [Discussion] 353-6.—Gradle, H. S. Concerning cycloclialysis in simple glaucoma. Tr. Am. Ophth. Soc., 1931, 29: 139-47. Also Am. J. Ophth., 1931, 3, ser., 14: 1101-3.—Gröz, I. Indikation zur Zyklodialyse. Ber. Deut. ophth. Ges., 1924, 44: 151-3. [Discussion] 163-9. — Les indications de la cycloclialyse d'après un millier d'opérations. Arch. ophth., Par., 1932, 49: 625-7.—Halász, K. [Results of cycloclialysis] Orv. hetil., 1932, 76: 191.—Hausmann, G. Zur Kenntnis der Dauerresultate der Zyklodialyse. Zschr. Augenh., 1937, 92: 139-53.—Heine, L. Zyklodialyse. Klin. Mbl. Augenh., 1936, 97: 721-6.—Ibrahim, S. A. The value of cycloclialysis operation in glaucoma. Bull. Ophth. Soc. Egypt, 1937, 30: 87-90.—Ivanov, S. N. [Cycloclialysis with posterior sclerectomy] Vest. oft., 1937, 11: 519-22.—Kreutzfeldt, W. Zur Indikationsbreite der Zyklodialyse. Klin. Mbl. Augenh., 1926, 76: 857-9.—Kronfeld, P. C. Anatomie changes after cycloclialysis. Arch. Ophth., Chic., 1936, 15: 411-22, 8 pl.—Lénard, I. Eine Modifizierung in der Ausführung der Zyklodialyse. Klin. Mbl. Augenh., 1929, 83: 73-6.—Loddoni, G. Reperti istologici nella ciclodialis. Ann. ottalm., 1926, 54: 600-11, 2 pl. Also repr.—Manes, A. J. Tratamiento quirúrgico del glaucoma por la ciclodialis de Heine. Sem. méd., B. Air., 1929, 36: 795-7. — Consideraciones sobre el tratamiento quirúrgico del glaucoma por la ciclodialis de Heine; resultados duraderos. Ibid., 1931, 38: 880-4. — Complicaciones ulteriores de la ciclodialis de Heine. Ibid., 1936, 43: pt 2, 1581-3.—Orlov, K. K. [Technique of incision of the sclera in Heine's operation] Sovet. vet. oft., 1936, 9: 115.—Pereira, R. F. Ciclodialis inversa di Blaskovics. Arch. oft. B. Aires, 1939, 14: 547-52.—Petrov, M. D. [Combined method of operation of cycloclialysis and sclerotomy] Sovet. vet. oft., 1936, 9: 119-22.—Ploman, K. G. [Experiences with cycloclialysis] Hygieia, Stockh., 1936, 98: 712-5.—Ræder, J. G. Cycloclialysis cum iridenleisi subsclerali. Acta ophth., Kbh., 1928, 6: 390-7.—Sallmann, L. Die Trepanations-zyklodialyse, eine Abänderung der Heineschen Zyklodialysenoperation. Zschr. Augenh., 1935, 86: 111-20.—Schmidt, H. Die Erfahrungen in der Erlanger Universitäts-Augenklinik mit der Zyklodialyse vom Januar 1921 bis November 1926. Klin. Mbl. Augenh., 1927, 78: 389-94.—Seefelder, R. Zur Fixation des Augapfels bei der Cycloclialyse (Heine) Ber. Deut. ophth. Ges., 1938, 52: 417-9.—Sinclair, A. H. H. Cases of cycloclialysis for chronic glaucoma. Tr. Ophth. Soc. U. K., 1932, 52: 310.—Slavik, B. [Experience acquired on the subject of cycloclialysis] Bratisl. lek. listy, 1930, 10: 547-50.—Spratt, C. N. Pocket-flap sclerecto-iridodialysis in glaucoma. Tr. Am. M. Ass., Sect. Ophth., 1933, 135-46. Also J. Am. M. Ass., 1933, 101: 1615-9.—Stein, R. Die Dauerresultate der Zyklodialyse. Arch. Augenh., 1929-30, 102: 626-56.—Stoutenborough, W. A. Cycloclialysis upon the eyes of rabbits. Am. J. Ophth., 1927, 3, ser., 10: 260-5.—Vannas, M. Zykluskopische Untersuchungen über das Verhalten des Strahlenkörpers nach der Heineschen Operation. Klin. Mbl. Augenh., 1935, 95: 629-44.—Wheeler, J. M. Iridectomy with cycloclialysis for the reduction of ocular tension. Tr. Am. M. Ass., Sect. Ophth., 1936, 87: 112-22. Also Arch. Ophth., Chic., 1936, 16: 569-77. Also repr.—Wootton, H. W. Cycloclialysis combined with iridectomy in glaucoma simplex; a preliminary report. Tr. Am. Ophth. Soc., 1932, 30: 64-70.

Surgery: Method: Cyclodiathermy [Vogt]

Adamiuk, V. E. [First series of observation of the operation sclero-ciliarotomia ignea (Fire) in glaucoma] Sovet. vet. oft., 1933, 2: 230-3.—Richner, H. Übersichts über die modernen Glaukomoperationen mit besonderer Berücksichtigung der Zyklodiathermiesichelung. Schweiz. med. Wschr., 1940, 70: 269-71.—Vogt, A. Ergebnisse der Diathermiesichelung des Corpus ciliare (Zyklodiathermiesichelung) gegen Glaukom. Klin. Mbl. Augenh., 1937, 99: 9-15. — Die Zyklodiathermiesichelung gegen Glaukom. Ibid., 1939, 103: 591-9. — Versuche zur intraokulären Druckherabsetzung

mittels Diathermiesichelung des Corpus ciliare (Zyklodiathermiesichelung) Schweiz. med. Wschr., 1937, 67: 367. — Cyclodiathermy puncture in cases of glaucoma. Brit. J. Ophth., 1940, 24: 288-97.—Wagner, H. Résultats obtenus avec la diathermo-puncture du corps ciliaire dans le glaucome. Arch. ophth., Par., 1939, n. ser., 3: 603. Also Schweiz. med. Wschr., 1939, 69: 883. — & Richner, H. Zyklodiathermiesichelung, eine neue Glaukomoperation. Ibid., 1948-53.

Surgery: Method: Filtration operation.

See also other subdivisions.

Besso, M. L'irregolare cicatrizzazione della ferita nelle operazioni antiglaucomatose come uno dei fattori della loro azione curativa. Lettura oft., 1924, 1: 339-89, 6 pl.—Blaess, M. J. A further report on the Seton operation in glaucoma. Am. J. Ophth., 1938, 3, ser., 21: 865-70.—Bride, T. M. Operation for acute glaucoma without iridectomy. Tr. Ophth. Soc. U. K., 1937, 57: 357.—Burke, J. W. Field changes after satisfactory filtration operations for glaucoma. Tr. Am. Ophth. Soc., 1939, 37: 149-57, 5 pl. Also Arch. Ophth., Chic., 1939, 22: 911-4.—Capra, L. Contro il glaucoma semplice si deve preferire l'operazione che ha per scopo la bozza filtrante oppure la iridectomia? Gior. med. mil., 1929, 77: 208-14.—Clay, G. E. Suture filtration operation for glaucoma simplex. Tr. Am. Acad. Ophth. Otol., 1928, 33: 279-87.—Goldenburg, M. Surgical drainage in glaucoma. Illinois M. J., 1935, 67: 92-6.—Löwenstein, A. Zur antiglaukomatösen Fisteloperation mit doppelter Lappendeckung. Klin. Mbl. Augenh., 1925, 75: 734-40.—Mauksch, H. Ein Vorschlag für eine neue Glaukomoperation. Zschr. Augenh., 1929, 67: 313-22.—Poos, F. Klinische Beobachtungen an fistelnden Augen. Arch. Augenh., 1933, 107: 163-71.—Preziosi, L. Results of the electrocautery puncture in the treatment of glaucoma. Tr. Internat. Ophth. Congr. (1929) 1930, 13, Congr., 1: 371. Also Abstr.—Sédan, J. Sur les variations d'une cicatrice filtrante au cours de poussées glaucomateuses de l'autre oeil non opéré. Bull. Soc. ophth. Paris, 1936, 91-4.—Suker, G. F. The filtration operation of Mauksch for chronic glaucoma with preliminary report on 24 operations. Am. J. Ophth., 1931, 3, ser., 14: 732-5.—Verhoeff, F. H. A new conjunctival flap for trephining operations. Ibid., 1936, 3, ser., 19: 46.—Wolfe, O. R., & Blaess, M. J. Seton operation in glaucoma. Ibid., 400-6.—Wolfe, O., & Wolfe, R. M. The Troncoso magnesium implant and the seton operation used on the same patient. Ibid., 1940, 3, ser., 23: 290.—Zamenhof, A. L'incision perpendiculaire à la surface du globe oculaire dans les opérations de glaucome. Ann. ocul., Par., 1938, 175: 846-53.

Surgery: Method: Goniotomy [Barkan]

Barkan, O. A new operation for chronic glaucoma. Tr. Am. M. Ass., Sect. Ophth., 1936, 244-8. Also Am. J. Ophth., 1936, 3, ser., 19: 951-66. — An operative procedure for glaucoma of shallow chamber type; multiple excisions of the root of the iris and deepening of the anterior chamber. Tr. Am. M. Ass., Sect. Ophth., 1938, 284-300. Also Arch. Ophth., Chic., 1939, 21: 331-45. — Microsurgery in chronic simple glaucoma. Am. J. Ophth., 1938, 3, ser., 21: 403-5. Also California West. M., 1938, 48: 10-2. — Glaucoma; classification, causes, and surgical control; results of microgonioscopic research. Am. J. Ophth., 1938, 3, ser., 21: 1099-117. — Technic of goniotomy. Arch. Ophth., Chic., 1938, 19: 217-23. — Glaucoma; preliminary report of an operative procedure. J. Am. M. Ass., 1938, 110: 1915.

Surgery: Method: Iridectomy and iridotomy.

HERGENRÖTHER, K. *Sympathische Ophthalmie nach Glaucomiridektomie bei Aderhaut-Tumor. 16p. 8°. Würzb., 1936.

Blaskovics, L. Ueber Zykloektomie. Zschr. Augenh., 1935-36, 88: 75-80.—Denig, R. Ueber Irisfistel bei Glaukom. Arch. Ophth., Berl., 1930, 125: 156-66.—Graf, K. Iridektomie und Linsenverletzung. Zschr. Augenh., 1931, 74: 376-86.—Green, J. Iridectomy with winged incision (Luedde) in glaucoma. Am. J. Ophth., 1926, 3, ser., 9: 342-5.—Groes, K. Operation for glaucoma (subconjunctival iridectomy) Acta ophth., Kbh., 1925, 3: 69-72.—King, C. Advantages of the external scleral scalpel incision in the iridectomy of acute glaucoma. Ohio M. J., 1931, 27: 213-7.—O'Connor, R. Peripheral iridotomy (Curran) in glaucoma. Am. J. Ophth., 1935, 18: 146-8.—Post, L. Subconjunctival iridectomy for glaucoma. Ibid., 1930, 3, ser., 13: 21-3.—Safar, K. Ueber basale Iridektomie bei Glaukom. Zschr. Augenh., 1928, 64: 130-5.—Salzmann, M. Iridektomie und Linsenverletzung und ihre Verhütung durch die Iridectomia ab externo. Ibid., 1930, 72: 127-78.—Sédan, J. Evolution de quatre fistules spontanées après iridectomie pour glaucome aigu. Ann. ocul., Par., 1930, 167: 307-10.—Suker, G. F., & Cushman, B. An improved technic for iridectomy for glaucoma. Tr. Am. Acad. Ophth. Otol., 1925, 30: 95-101. Also Am. J. Ophth., 1926, 3, ser., 9: 268-70. Also repr.—Von Graefe, A. Iridectomy in glaucoma; a study of the glaucomatous. Arch. Ophth., Chic., 1929, n. ser., 1: 71-86.—Woodruff, H. W. The reduction of glaucomatous tension by deep iridectomy. Tr. Am. Acad. Ophth. Otol., 1926, 31: 186-204.

— Surgery: Method: Iridencleisis [Holth] and iridotasis.

JIMÉNEZ ZAMORANO, L. *Iridencleisis de Holth; tratamiento quirúrgico del glaucoma [Chile] 88p. 26 $\frac{1}{2}$ cm. Nuñoa, 1938.

PILLAT, A. Studien zur Wirkungsweise der Filtrationsnarben bildenden Glaukomoperationen mit besonderer Berücksichtigung der Iridencleisis antiglaukomatosa Holth. 65p. 8° Berl., 1928.

Barrio, A. del. La fistulisation interne par l'iridencleisis scléro-cliaire dans le glaucome. Ann. ocul., Par., 1934, 171: 977-98. Also Arch. oft. hisp. amer., 1935, 35: 355-74. — Bell, G. H. Iridotasis for primary and secondary glaucoma. Arch. Ophth., Chic., 1930, n. ser., 3: 194-9. — Bencini, A. Iridencleisis di Holth e glaucoma cronico. Boll. ocul., 1938, 17: 421-43. — Blaickner, J. Ueber Iridencleisisoperationen. Ber. Deut. ophth. Ges., 1930, 48: 299-301. Also Zschr. Augenh., 1930, 72: 265-92. — Butler, T. H. Glaucoma; trap-door iridectomy and iridencleisis. Tr. Ophth. Soc. U. K., 1936, 56: 194-205. — Calhoun, F. P. The Reese-Holth operation for glaucoma. South. M. J., 1927, 29: 721. — Clapp, C. A. The iris inclusion operations for glaucoma, with especial reference to iridotasis. Tr. Am. Ophth. Soc., 1934, 32: 191-205, pl. Also repr. Also Am. J. Ophth., 1935, 18: 661. — Constantine, K. W. Lundsgaard's modification of Holth's iridencleisis. Ibid., 1937, 3, ser., 20: 728-30. — Díaz Domínguez, D. Sobre los resultados inmediatos de la iridencleisis en el glaucoma. Arch. oft. hisp. amer., 1932, 32: 819-33. — Dupuy, J. Iridotasis for glaucoma; comparison with other operative measures at Charity Hospital. South. M. J., 1928, 21: 267-71. — Eeroala, A. Ueber die Frequenz der Spätfektion nach Eliots Trepanation und nach Iridencleisis antiglaukomatosa ad modum Holth; ein Fall von Spätfektion nach Iridencleisis. Acta ophth., Kbh., 1931, 12: 137-48. — Gjessing, H. G. A. Further investigations as to the results of some glaucoma operations, particularly referring to iridencleisis anti-glaucomatosa cum iridotomia meridionali ad modum Holth. Ibid., 1925-26, 3: 228; 1927, 5: 149. Also Norsk mag. lægevid., 1925, 86: 1208; 1927, 88: 737.

Further investigations into the results of iridencleisis operations by Holth's method, particularly as regards the method combined with meridional iridotomy. Tr. Ophth. Soc. U. K., 1927, 47: 358-69. — Holth's iridencleisis antiglaucomatosa; follow-up examination of 122 eyes from 6 to 159 months after operation. Arch. Ophth., Chic., 1931, n. ser., 6: 489-509. Also repr. [Postoperative examination of 122 patients operated by antiglaucomatous iridencleisis by Holth method] Norsk mag. lægevid., 1931, 92: 813-36. — [On Holth's iridencleisis antiglaucomatosa; examination of 198 cases of iridencleisis with chronic glaucoma 6 to 280 months after the operation] Nord. med., 1939, 2: 1321-6. — Goar, E. L., & Schultz, J. F. Iridencleisis in glaucoma. Arch. Ophth., Chic., 1939, 22: 1035-45. — Goldenburg, M. The iridotasis operation for glaucoma; some deductions after 8 years. Eye Ear & Month., 1928, 7: 257-9. — Greenwood, A. Combined iridencleisis and sclerectomy for chronic glaucoma. Am. J. Ophth., 1930, 3, ser., 13: 301-3. — Griffey, E. W., & Goar, E. L. Iris-inclusion operations in glaucoma. Texas J. M., 1933, 29: 450-3. — Grönholm, V. Ueber die Schnittführung von aussen perpendikular durch die Sklera mittels Lundsgaards Korneotom bei Iridencleisis antiglaucomatosa. Acta ophth., Kbh., 1931, 9: 346-9. — Herbert, H. An iris-inclusion operation. Tr. Ophth. Soc. U. K. (1926) 1927, 46: 326-32. Also Brit. J. Ophth., 1930, 14: 433-48. — Iris inclusion for chronic glaucoma. Ibid., 1934, 18: 142-8. — Holst, J. C. Results of iridencleisis antiglaucomatosa (Holth) in glaucoma simplex in the years 1928-32. Acta ophth., Kbh., 1934, 12: 348-61. — Holth, S. [Iridencleisis with meridional iridotomy in acute glaucoma; 5 cases] Norsk. mag. lægevid., 1927, 88: 1156-63. Also Klin. Mbl. Augenh., 1927, 79: 620-8. — Iridencleisis cum iridotomia meridionali; an operative method both in acute and in chronic primary glaucoma. Arch. Ophth., Chic., 1930, n. ser., 4: 803-16. Also Norsk mag. lægevid., 1931, 92: 1088-101. — Vertical limbal or oblique extralimbal incision for iridencleisis in glaucoma; the efficiency of iridectomies before 1884. Arch. Ophth., Chic., 1932, 8: 489-92. — Atropine contraindicated both before and after iridencleisis for glaucoma. Ibid., 1933, 9: 913. — Ikonomopoulos, A. A. Erfahrungen mit der Iridencleisis antiglaucomatosa von Holth (vorläufige Mitteilung) Klin. Mbl. Augenh., 1926, 77: 669-76. — Kadlický [Iridencleisis secundum Del Bario] Cesk. oft., 1937, 3: 81-5. — Kubik, J. Ueber die subclerale Iridencleisis. Ber. Deut. ophth. Ges., 1932, 49: 342-6. [Discussion] 353-6. — Muncy, W. M. Modified iridotasis operation in glaucoma. J. Am. Inst. Homeop., 1935, 28: 736-9. — Pillat, A. Erfahrungen mit der Holth'schen Iridencleisis antiglaucomatosa. Ber. Deut. ophth. Ges., 1927, 46: 70-86. — Spaeth, E. B. Iris inclusion operation in the eye of the rabbit; a histologic study. Arch. Ophth., Chic., 1932, 8: 550-67. Also repr. — Vašek, E. [Are the results of Holth fistula operation of glaucoma permanent?] Bratisl. lek. listy, 1930, 10: 165-74. — Weekers, L., & Fanchamps, J. Résultats tensionnels éloignés obtenus par l'enclavement de l'iris dans les diverses formes du glaucome. Arch. ophth., Par., 1937, 1: 585-8. Also Bull. Soc. belge ophth., 1937, No. 74, 40-7. — Weekers, L., & Hubin, R. Résultats obtenus par l'enclavement de l'iris dans le glaucome. Arch. ophth., Par., 1931, 48: 186-96. — Wiegmann, E.

Kann eine Verletzungsfolge (eingehellter Irisprolaps) ein Glaukom verhüten? Klin. Mbl. Augenh., 1929, 82: 247. — Wille, W. A. Sclerectomy with iridencleisis; a modified glaucoma operation. Brit. J. Ophth., 1936, 20: 229-33. — Wolfe, O. Iridencleisis for glaucoma with aphakia. Am. J. Ophth., 1931, 3, ser., 14: 769-71. — Works, R. L. Simple iridotasis. Texas J. M., 1937-38, 33: 50-2. — Ziporkes, J. A modification of the iridencleisis technic. Arch. Ophth., Chic., 1938, 19: 583.

— Surgery: Method: Iridosclerectomy [Lagrange]

BARBADAULT, C. *La sclerecto-iridectomie (operation de Lagrange) 88p. 8° Par., 1908.

Alonso, A. F. La méthode fistulante de Lagrange dans le traitement du glaucome. Arch. ophth., Par., 1926, 43: 330-48. Also Gac. méd. México, 1926, 57: 158-74. Also An. Soc. mex. oft., 1927, 6: 121-42. — Berens, G. Iridocorneosclerectomy for glaucoma. Am. J. Ophth., 1936, 3, ser., 19: 470-81. Also Surg. Gyn. Obst., 1936, 62: 496. — Coppez, H. Sur une modification à l'opération de Lagrange (emploi du couteau lancéolaire) J. méd. Bruxelles, 1911, 16: 239-41. — Denti, A. V. Sulla formazione della cicatrice nella sclerectomia secondo il metodo di Lagrange. Ann. ottalm., 1926, 54: 1249-76, 3 pl. — Duverger, C. L'opération de Lagrange; traitement chirurgical des glaucomes. Arch. ophth., Par., 1933, 50: 316-30. — & Velter, E. La sclerecto-iridectomie de Lagrange dans le traitement du glaucome chronique. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 366-70. Also Abstr., 1930, 13. — Foroni, D. C. Sclerectomia ab-externo nel glaucoma cronico semplice. Ann. ottalm., 1928, 56: 82. — Gallois, J. Sclerecto-iridectomie dans 3 cas de glaucome chronique; tension oculaire normale après plus de 18 mois (l'opération de Lagrange a-t-elle une action complexe?) Bull. Soc. ophth. Paris, 1929, 197-208. — Grisom, J. M. A modification of the Lagrange operation for simple glaucoma; results of the operation in 50 unselected cases. Pennsylvania M. J., 1938-39, 42: 640-2. — Jervoy, J. W. Sclero-post-iridectomy, a rational operation in glaucoma; report of a case. Tr. Am. Ophth. Soc., 1927, 25: 160-7, 2 pl. Also Am. J. Ophth., 1928, 3, ser., 11: 7-11. — Khalil, M. L'opération anti-glaucmateuse de Lagrange modifiée. Ann. ocul., Par., 1939, 167: 567. — Kiep, W. H. A modification of Lagrange's operation. Brit. M. J., 1929, 2: 341. — Lagrange, D. De la sclerectomie avec boutonnière irienne périphérique. Bull. Soc. fr. ophth., 1911, 28: 450-70. — Lagrange, F. Treatment of glaucoma; its surgical hour; choice of operative procedure. Tr. Ophth. Soc. U. K., 1927, 47: 312-8. Also Bull. Acad. méd., Par., 1927, 3, ser., 97: 8-14. — De l'iridectomie et de la sclerectomie combinées dans le traitement du glaucome chronique; procédé nouveau pour l'établissement de la cicatrice filtrante. Ann. ocul., Par., 1938, 175: 67-76. — & Lagrange, H. Le glaucome et son traitement chirurgical. Monde méd., 1928, 38: 529-36. — Lagrange, H. Petits détails de technique concernant la sclerectomie limnique faite au couteau. Ann. ocul., Par., 1926, 163: 695-702. — The surgical treatment of chronic glaucome with ocular hypertension. Brit. J. Ophth., 1937, 21: 477-96. — Melanowski, W. H. Le pont conjonctival dans la sclerecto-iridectomie de Lagrange. Arch. ophth., Par., 1930, 47: 105-7. — Meterhof, M. Erfolge mit der Iridosclerectomia anterior in verzweifelten Fällen von Glaukom. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 377-9. Also Abstr. — Ourgaud, G., Sédan, J., Roux, A. Elargissement du champ visuel nasal de divers glaucomeux chroniques après sclerecto-iridectomie. Ann. ocul., Par., 1936, 173: 353-68. — Tristaino, B. Un processo proprio di sclerecto-iridectomia. Arch. ottalm., 1917, 24: 173-98. — Whitaker, J. Modified Lagrange operation for glaucoma. Am. J. Ophth., 1927, 3, ser., 10: 124.

— Surgery: Method: Sclerectomy [Holth] and sclerotomy.

Basso, D. Se la sclerectomia sia indispensabile per ottenere la guarigione del glaucoma. Ann. ottalm., 1925, 53: 753-63. — Cavara, V., & Federici, E. Sugli esiti lontani della sclerectomia anteriore (metodi di Lagrange e di Elliot) nel glaucoma cronico semplice in stadio avanzatissimo. Arch. ottalm., 1930, 36: 263-87. — Cruise, R. Flap sclerotomy; result of operation 4 years previously. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Ophth., 21. — Fialho, A. Beiträge und Erläuterungen zur Sklerektomie; Behandlung des chronischen Glaukoms. Zschr. Augenh., 1931-32, 76: 346-57. — Friedenwald, H. Posterior sclerotomy for glaucoma. Am. J. Ophth., 1928, n. ser., 11: 107-10. — Friedenwald, J. S. Retroconjunctival posterior sclerotomy in glaucoma complicated by corneal or conjunctival infection. Ibid., 111. — Golowin, M. Meine Antwort an Herrn Prof. Dr F. Lagrange wegen der Operation des Prof. Maklakoff bei Glaukom. Klin. Mbl. Augenh., 1926, 77: 158-61. — Holmström, J. Ueber hintere Sklerotomie bei Glaukom. Acta ophth., Kbh., 1936, 14: 259-64. — Holth, S. On the technique in extralimbal tangential punch forceps sclerotomy for chronic glaucoma. Ibid., 1925, 3: 62-8. — [Histology of subconjunctival fistulae after anterior sclerectomy in glaucoma; advantages of an incision with valve formation in iridencleisis] Norsk. mag. lægevid., 1931, 92: 1101-9. Also Arch. Ophth., Chic., 1931, n. ser., 6: 151-7. — Karelus, C. Valeur de la sclerectomie postérieure croisée d'après Wicherikiewicz, dans les cas de glaucome chronique. Rev. gén. ophth. Genève, 1921, 35: 289-96. — Kleefeld, G. Démonstration de la

transsudation per-conjonctivale dans la sclérectomie antiglaucomateuse. Bull. Soc. belge ophth., 1932, No. 64, 39-44.—**Lagrange, F.** Die schiefe Sklerotomie des Prof. Maklakoff und die Filtrantenarbie. Klin. Mbl. Augenh., 1926, 76: 617-9.—**Maggiore, L.** Contributo sperimentale al meccanismo di cicatrizzazione nella sclerectomia anteriore perforante. Ann. ottalm., 1929, 57: 579-612.—**Ourgaud, G.** Les sclérectomies multiples dans les glaucomes à rechutes. Marseille méd., 1935, 72: pt 2, 501-6.—**Reitsch, W.** Sklerenkleisis. Klin. Mbl. Augenh., 1939, 102: 326.—**Schütz, I.** Weitere Erfahrungen über Hölth's tangentielle Sklerotomie bei Glaukom. Acta ophth., Kbh., 1925, 3: 51-61. Also Norsk mag. lægevid., 1925, 86: 1202-8.—**Sédan, J.** Technique spéciale de la sclérectomie chez les glaucomeux, atteints de trachome scléro-cicatriciel. Rev. internat. trachome, 1928, 5: 104-6.—**Shoji, Y.** Un procédé de sclérectomie, sclérectomie de Shoji, et résultats des 248 opérations de glaucome. Arch. ophth., Par., 1939, n. sér., 3: 217-24.—**Sobhy Bey, M.** How to keep filtration in recent sclerectomies. Bull. Ophth. Soc. Egypt, 1937, 30: 91-6.—**Stastnik, E.** [Zirm's operation in glaucoma (Sclerectomia anterior externa)]. Bratisl. lek. listy, 1930, 10: 605-8.—**Teulières, M.** La sclérectomie dans le glaucome chronique; étude histologique de la fistule dans les cas anciens. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 361-6. Also Abstr.—**Vasek, E.** [Holt's fistula operation for green cataract]. Cas. lek. česk., 1924, 63: 1087-96.—**Young, G.** Double sclerectomy as now performed. Tr. Ophth. Soc. U. K., 1928, 48: 376-83.—**Zirm, E.** Ueber den vorderen äusseren Lederhautschnitt bei Glaukom. Klin. Mbl. Augenh., 1925, 75: 725; 1929, 82: 93.

— Surgery: Result.

CAUSE, M. *Die operativen Dauererfolge beim primären Glaukom [München] 47p. 21cm. Mainz, 1938.

HIRSCHFELD, A. *Bericht über die operativ behandelten Fälle von Glaucoma simplex an der Universitäts-Augenklinik zu Würzburg 1925-1929. 22p. 8°. Würzb., 1930.

JOSEPH, E. *Résultats éloignés des opérations antiglaucomateuses. 130p. 8°. Par., 1935.

Also Ann. ocul., Par., 1935, 172: 827-48.

WOLFFERSDORFF, [A.] H. *Ueber die operative Therapie des Glaukoms an der Universitäts-Augenklinik Leipzig in den letzten 8 Jahren [Leipzig] 28p. 8°. [Zeulenroda] 1931.

Archangelsky, P. T. Biomicroscopy of cicatrices after iridectomy and the operation of Elliot or of Heine. Arch. Ophth., Chic., 1939, 21: 598-601.—**Bothman, L., & Blaess, M. J.** Results of the surgery of glaucoma. Am. J. Ophth., 1936, 3. ser., 19: 1072; 1937, 20: 69.—**Brown, E. V. L.** Vision and central fields after glaucoma operation. Ibid., 20: 1250.—**Fallica, G.** Esiti lontani delle operazioni antiglaucomatose. Boll. ocul., 1939, 18: 781-96, 3 tab.—**Gault, E. L.** Results of operative treatment of chronic glaucoma. Med. J. Australia, 1932, 2: 735-9.—**Grady, H. S.** A critique of glaucoma operations. Am. J. Ophth., 1935, 18: 730-5.—**Greenwood, A.** Comparison of operations for chronic glaucoma. Arch. Ophth., Chic., 1933, 10: 472-82. Also repr.—**Grösz, L.** Trepanation oder Zyklodialyse? Ber. Deut. ophth. Ges., 1929, 47: 217-21 [Discussion] 221-33. — Indications et résultats du traitement chirurgical du glaucome. Schweiz. med. Wschr., 1939, 69: 1008-10.—**Hagen, S.** Hölth's tangentielle Sklerotomie und Iridencleisis antiglaucomatosa; vergleichende Statistik. Acta ophth., Kbh., 1932, 10: 88-90.—**Holst, J. C.** Ergebnisse der Sclerectomia tangentialis (Hölth) und der Iridencleisis subconjunctivalis (Hölth) bei Glaucoma simplex im Jahrzehnt 1920-29. Klin. Mbl. Augenh., 1931, 87: 602-17.—**Knapp, A.** Operative treatment of chronic glaucoma; report of 200 successive operations. Arch. Ophth., Chic., 1933, 10: 298-301. Also repr. Also N. York State J. M., 1933, 33: 1431-3.—**Liebermann, L.** Zur vergleichenden Bewertung der Glaukomoperationen, nebst Bemerkungen zur Technik der Zyklodialyse und Skleratrepation. Zschr. Augenh., 1933, 81: 117-32. — Ersatzoperationen? Ueberlegungen zur Bewertung der Glaukomoperationen. Klin. Mbl. Augenh., 1934, 92: 763-8.—**Löfgren, S.** Die Resultate der Glaukomoperationen. Acta ophth., Kbh., 1932, 10: 77-87.—**Mrázová, I.** [Therapeutic results in Elliot's trepanation and cyclodialysis in primary glaucoma]. Bratisl. lek. listy, 1930, 10: 521-6.—**Peter, L. C.** A review of the relative value of glaucoma operations. Eye Ear & Month., 1929, 8: 55-60.—**Ploman, K. G., & Granström, K. O.** An der Augenabteilung des Seraphimer-lazarets in den Jahren 1909-27 bei Glaucoma primarium ausgeführte Sklerotomien (nach Hölth und Elliot) und Iridektomien unter besonderer Berücksichtigung der postoperativen Funktion. Acta ophth., Kbh., 1932, 10: 54-76.—**Renodo, J. M.** Particularidades observadas en un glaucoma simple operado. Siglo méd., 1934, 93: 554-7.—**Spaeth, E. B.** A consideration of the late operative results in glaucoma. Tr. Am. Acad. Ophth. Otol., 1928, 33: 166-94.—**Weekers, L.** Mode d'action des opérations antiglaucomateuses? Bull. Soc. belge ophth., 1930, No. 61, 53-63. Also Liège méd., 1931, 24: 129-

42.—**Weeks, W. W.** Critical analysis of operations for glaucoma. Arch. Ophth., Chic., 1936, 16: 1064-6.—**Werner, S.** [Gonioscopic studies on glaucomatous eyes]. Fin. lik. säll. hand., 1931, 73: 981-5. Also Acta ophth., Kbh., 1932, 10: 112-6.—**Wilmer, W. H., Lagrange, F.** [et al.] Discussion on the results of the operative treatment of glaucoma. Tr. Ophth. Soc. U. K., 1927, 47: 230-93. Also repr.

— Treatment.

See also subheadings absolute; acute; Hydrophthalmos; secondary; Surgery.

HOCKEMEYER, H. *Ergebnisse der Glaukombehandlung an der Universitäts-Augenklinik zu Würzburg in den Jahren 1932-1933 [Würzburg] 13p. 8°. Wertheim, 1936.

TRISTAINO, B. La moderna terapia del glaucoma. 285p. 8°. Pal., 1915.

Amendola. Il trattamento del glaucoma. Morgagni, 1934, 76: 336.—**Ascher, C.** Il trattamento del glaucoma. Policlinico, 1926, 33: sez. prat., 757-61.—**Attiyah, M. A. H., & El-Tobgy, A. F.** The early diagnosis and treatment of glaucoma. Bull. Ophth. Soc. Egypt, 1937, 30: 51-64.—**Avizonis, P.** [Treatment of glaucoma]. Medicina, Kaunas, 1937, 18: 628-41.—**Benedict, W. L.** Glaucoma; treatment and features of interest to the internist. Proc. Mayo Clin., 1940, 15: 513-5.—**Benz, A. H.** The management of glaucoma. J. Tennessee M. Ass., 1937, 30: 57-60.—**Browning, A. J.** Glaucoma; some practical considerations. Northwest M., 1935, 34: 6-9.—**Cordes, F. C.** Early simple glaucoma; its diagnosis and management. Arch. Ophth., Chic., 1937, 17: 896-915.—**Ellett, E. C.** My experience with glaucoma. J. Tennessee M. Ass., 1933, 26: 247-54.—**Filatov, V. P.** [Significance of muscular work for regulation of intraocular pressure in glaucoma]. Vest. oft., 1937, 11: 151-3.—**Frailick, F. B.** The management of glaucoma. J. Michigan M. Soc., 1935, 34: 11-5.—**Galleis, J.** Glaucomes chroniques bien ou mal compensés; action du traitement médical général. Bull. Soc. ophth. Paris, 1937, 537-42.—**Gifford, S. R.** Therapy of glaucoma. J. Am. M. Ass., 1934, 103: 1537-9. Also Canad. M. Ass. J., 1935, 32: 287-91.—**Goldenburg, M.** Primary glaucoma management. Illinois M. J., 1932, 62: 309-12.—**Grady, H. S.** Glaucoma errors that I have made and that I have seen. South. M. J., 1940, 33: 498-502.—**Hamburger, C.** Ausblicke für die Glaukombehandlung. Abstr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 81-3. — Zehn Jahre Glaukombehandlung. Klin. Mbl. Augenh., 1934, 93: 60-9.—**Harding, M. S.** Glaucoma and its treatments. Tr. Indiana Acad. Ophth. Otol., 1940, 88-98.—**Heine, L.** Neuere operative Glaukombehandlung. Fortsch. Ther., 1936, 12: 143-9.—**Hoeve, J. van der** [Glaucoma and family physicians]. Ned. tsehr. geneesk., 1932, 76: pt 3, 4002-5.—**Holzer, W. F.** Treatment of simple chronic glaucoma. Tr. Am. Ophth. Soc., 1925, 23: 276-92.—**Hughes, W. F.** The treatment of glaucoma. Tr. Indiana Acad. Ophth. Otol., 1933, 37-49.—**Igersheimer, J.** Diagnose und Behandlung des Glaukoms. Deut. med. Wschr., 1928, 54: 509-12.—**Joseph, E.** Le glaucome et le médecin non spécialisé. Gaz. méd. France, 1933, 583-7.—**Kubik, J.** Unser gegenwärtiger Standpunkt der operativen Glaukomtherapie. Med. Klin., Berl., 1932, 28: 1629.—**Kuhn, H. A.** The treatment of glaucoma. J. Indiana M. Ass., 1929, 22: 483-5.—**Leat, G.** Les cas de glaucome susceptibles d'un traitement médical. Bull. Soc. ophth. Paris, 1937, 553-8.—**Lagrange, H.** Le traitement de l'hypertension oculaire glaucomateuse. J. méd. chir., Par., 1934, 105: 545-54.—**Lobeck, E.** Ueber die Anfangsstadien des Glaukoms unter Berücksichtigung der Therapie. Med. Welt, 1935, 9: 1279-82.—**Löhlein, W.** El glaucoma y su tratamiento. Rev. méd. Hamburgo, 1926, 7: 138; 166. Also Tungchi med. Mschr., 1926-27, 2: 250-66. — Die moderne Behandlung des primären Glaukoms. Zschr. ärztl. Fortbild., 1928, 25: 12-5.—**McKee, T. L.** The management of glaucoma. J. Iowa M. Soc., 1939, 29: 14-8.—**Majewski.** Sur le traitement de glaucome simple. Rev. gén. ophth., Genève, 1924, 38: 476.—**Meesmann, A.** Die Behandlung des grünen Stares. Klin. Wschr., 1928, 7: 825-31.—**Morhardt, P. E.** Les causes et la thérapeutique du glaucome dans leurs rapports avec la médecine générale. Presse méd., 1928, 36: 1287-90.—**Nagy, S.** [Treatment of glaucoma]. Orv. hetil., 1930, 74: 186-8.—**Parker, W. R.** Management of simple glaucoma; a clinical report. Arch. Ophth., Chic., 1929, n. sér., 2: 174-8. Also repr.—**Robertson, E. N.** The management of established glaucoma. Am. J. Ophth., 1928, 3. ser., 11: 638-41.—**Rycroft, B. W.** The treatment of glaucoma. Brit. M. J., 1933, 1: 523.—**Salzmann, M.** Ueber Glaukom und seine Behandlung. Mitt. Ver. Aerzte Steiermark, 1925, 62: 93; 1928, 65: 141.—**Schieck, F.** Das Wesen und die Behandlung des Glaukoms. In Für d. Praxis (Doefler, H.) Münch., 1938, 2: 96-103.—**Schoenberg, M. J.** Psychosomatic relationships and their therapeutic implications in glaucoma. Tr. Am. Ophth. Soc., 1939, 37: 134-49.—**Simko, S.** [Causes of failures in treatment of primary glaucoma]. Bratisl. lek. listy, 1930, 10: 603-5.—**Steindorff, K.** Fortschritte in der Behandlung des Glaukoms. Fortsch. Ther., 1931, 7: 496-501.—**Strantz, C. M. von.** Die Behandlung des Glaukoms vom Standpunkt des Allgemeinpraktikers. Hippokrates, Stuttg., 1936, 7: 526-9.—**Thiel, R.** Irrtümer und Fehler bei der Untersuchung und Behandlung Glaukomkranker. In Gegenwartsprobl. Augenh., Lpz., 1937, 217-33.

— Treatment: Drugs.

See also subheading Pharmacology; also names of miotics as Epinephrine; Glauconan; Pilocarpine, &c.

JOSEPHSON, E. M. Glaucoma and its medical treatment with cortin; myopia; its cause and prevention. 92p. 8°. N. Y. [1937]

Abadie, C. Traitement médical du glaucome. Bull. Acad. méd., Par., 1927, 3. ser., 97: 380. Also Clin. opht., Par., 1927, 31: 248-52. Also Presse méd., 1929, 37: 220.—**Agnello, F.** La cura compensativa dei miotici nel glaucoma. Lettera oft., 1935, 12: 187-96.—**Aliquò-Mazzei, A.** La carbaminoilcolina, doryl, nella terapia del glaucoma. Ibid., 1938, 15: 283-307.—**Basso, D.** Sul glaucoma compensato dai miotici. Ann. ottalm., 1929, 57: 11-5.—**Bielschowsky.** Medikamentöse Glaukomtherapie. Med. Klin., Berl., 1926, 22: 978.—**Blaszkovics, L.** [Medicinal treatment of glaucoma] Orv. hetil., 1933, 77: 437-40.—**Blobner, F.** Hornhautverfärbung durch ein Adrenalinpräparat. Klin. Mbl. Augenh., 1938, 100: 758-63.—**Böck, J.** Ueber die medikamentöse Behandlung des Glaukoms. Wien. klin. Wschr., 1934, 47: 1591. Also Aertzt. Prax., Wien, 1935, 9: 78. Also Wien. med. Wschr., 1935, 85: 964-6.—**Bonnefon.** Les injections rétro-bulbaires de novocaïne adrénalinée dans l'hypertension statique et dans l'hypertension dynamique. Tr. Internat. Ophth. Congr. (1929) 1930, 13. Congr., 1: 69-92. Also Abstr.—**Cavaniglia, A.** Ricerche cliniche sull'uso di colliri di pilocarpina ad alta concentrazione. Boll. ocul., 1935, 14: 800-22.—**Clarke, S. T.** Mecholyol and prostigmine in the treatment of glaucoma. Am. J. Ophth., 1939, 3. ser., 22: 249-57.—**Chandler, P. A.** [et al.] The use of mecholyol and prostigmine in glaucoma. Ibid., 1926.—**Darrier, A., & Godard, P.** Enquête sur la thérapeutique actuelle du glaucome; myotique, adrénaline, glauconan, histamine, etc. Clin. opht., Par., 1927, 31: 210-9.—**Dollfus, M. A., Rouher & Maréchal.** Etude de l'action de l'hormone lutéinique dans le traitement du glaucome. Bull. Soc. opht. Paris, 1937 562-71.—**Erdmann, P.** Weitere Erfahrungen mit den von mir angegebenen subkonjunktivalen Injektionen von Nebennierenpräparaten bei Augenkrankheiten, speziell beim Glaukom. Klin. Mbl. Augenh., 1925, 74: 413-24.—**Gallois, J.** Acétylcholine dans un cas de glaucome chronique avec réduction extrême du champ visuel. Bull. Soc. opht. Paris, 1930, 811-3.—**Glaucoma chronique à tension artérielle basse; traitement calco-magnésien.** Ibid., 1935, 801-3.—**Viard, P.** Premiers résultats obtenus en thérapeutique anti-glaucomateuse avec un nouveau complexe calco-magnésien. Ibid., 1934, 325-31.—**Gifford, S. R.** Some modern preparations used in the treatment of glaucoma. Arch. Ophth., N. Y., 1928, 57: 612-27.—**Grzedzielski, J.** [New preparations in treatment of glaucoma] Polska gaz. lek., 1929, 8: 662-9.—**Gurvich, B. A.** [Gravidan in treatment of glaucoma] Vest. oft., 1937, 10: 30-48.—**Hamburger, C.** Ersatzpräparate für Adrenalin und ihre Bedeutung für die Glaukomebehandlung. Med. Klin., Berl., 1925, 21: 1495-8.—**Glaukomebehandlung durch Einträufeln eines konzentrierten Suprareninmischs.** Ibid., 1910.—**Heim, H.** Zur Behandlung des Glaukoms mit Ergotamin. Klin. Mbl. Augenh., 1927, 79: 345-51.—**Hosford, G. N.** Cortin in glaucoma. California West. M., 1935, 43: 254.—**Ivanov, N. K.** [Treatment of glaucoma with adrenalin] Med. mlsl, Rostov, 1925-26, 3: 35-8.—**Jaensch, P. A.** Die retrobulbäre Alkoholinjektion nach Grüter; klinische Beobachtungen und experimentelle Untersuchungen. Zschr. Augenh., 1925, 58: 2-11.—**Jelardi, C.** La ionoforesi in oftalmologia con speciale riguardo alla cura del glaucome cronico semplice con la pilocarpina. Ann. med. nav., Roma, 1930, 36: pt 2, 477-530.—**Josephson, E. M.** Adrenal cortex hormone and intraocular tension; a new therapy for glaucoma. Med. Rec., N. Y., 1935, 142: 35.—**Adrenal cortex therapy in ophthalmology with special reference to glaucoma.** Tr. Internat. Ophth. Congr. (1937) 1938, 15. Congr., 4: 23-8.—**Kadlicky.** [Insulin in the treatment of glaucoma] Cas. lek. česk., 1926, 65: 1285-7.—**Klauber, E.** [Decrease of pressure and retention of acuity of vision in glaucoma after retrobulbar injections with alcohol] Bratisl. lek. listy, 1930, 10: 655.—**Krebs, H.** Zur Gynergen-Arbeit von Thiel. Klin. Mbl. Augenh., 1927, 78: 621-4.—**Lambert, R. K., & Wolff, J.** The systemic use of hypertonic solutions in glaucoma. Arch. Ophth., Chic., 1929, n. ser., 2: 198-203.—**Larsen, H.** [Medical treatment of glaucoma] Ugeskr. læger, 1925, 87: 775-82.—**Lissner, H. H.** Magnesium sulphate; its intravenous use in hypertension and allied eye conditions. California West. M., 1934, 40: 330-3.—**Lottrup-Andersen, C.** Adrenaline treatment of glaucoma simplex. Acta opht., Kbh., 1938, 16: 611-24.—**Marbaix.** Réflexions sur un cas de glaucome chronique; technique de Kalt et injections rétrobulbaires de dionine de Weekers. Bull. Soc. belge opht., 1931, No. 62, 21-3.—**Meyerhof, M.** Notes about the new adrenaline treatment for glaucoma. Bull. Ophth. Soc. Egypt, 1925, 41-3.—**Miller, E. A.** The treatment of glaucoma with splenic extract. Am. J. Ophth., 1939, 3. ser., 22: 536-40.—**Notes on the uses of pilocarpin in glaucoma.** Bull. Pract. Ophth., S. Franc., 1935, 5: 35-7.—**Primary glaucoma and adrenal cortex extract.** Annual Rep. Giza Ophth. Lab. (1937) 1938, 12: 105-8.—**Redslob, M. E.** La découverte par L. Laqueur de l'action antiglaucomateuse de l'ésérine. Ann. ocul., Par. 1938, 175: 81-8.—**Reiss, P.** Essai d'un traitement physico-chimique du glaucome. Bull. Soc. opht. Paris, 1929, 162-7.—**Sallmann, L.** Nuove direttive nella

cura medicamentosa del glaucome primario. Gazz. osp., 1934, 55: 1133-7.—**Santenioise, Jeandelize & Thomas.** Premiers essais de la vagotonine dans le traitement du glaucome. Bull. Soc. opht. Paris, 1937, 572-6.—**Schoenberg, M. J.** New developments in the pharmacological treatment of primary glaucoma. Brit. J. Ophth., 1938, 22: 417-25.—**Teräskeli, H.** Untersuchungen über die gleichzeitige Einwirkung einiger Miotika und Mydriatika auf den Augendruck; Versuche mit einer kombinierten Glaukomebehandlung. Ophthalmologica, Basel, 1939-40, 98: 16-33.—**Trovati, E.** La endopituitrina nella cura del glaucome semplice cronico. Boll. ocul., 1931, 10: 1482-506.—**Ungerer, F.** Le traitement du glaucome par l'adrénaline. Ann. ocul., Par., 1929, 166: 769-804. Also Strasbourg méd., 1929, 89: 321-35.—**Vachhranjani, B. C.** Eserine in glaucoma. Ind. M. Rec., 1926, 46: 172. Also J. Trop. M. Hyg., Lond., 1926, 29: 303.—**Velhagen, K.** Die praktische Verwendbarkeit des Doryls (Carbaminoilcholin) in der Glaukomebehandlung. Klin. Mbl. Augenh., 1934, 92: 472-83.—**Viard, P., & Gallois, J.** Note sur l'action d'un nouveau complexe calco-magnésien sur la tension oculaire; essai de traitement médical dans 13 cas de glaucome. Bull. Acad. méd., Par., 1934, 3. ser., 111: 650-3.—**Vom Hofe, K.** Klinische und experimentelle Beiträge zur Wirkungsweise der medikamentösen Glaukomtherapie. Arch. Augenh., 1927, 98: 201-37.—**Weiss, L.** Medical treatment of glaucoma in 6 cases. Eye Ear & Month., 1933, 12: 288-90.—**Wessely, K.** Ueber einige neuere Bestrebungen in der medikamentösen Therapie des Glaukoms. Jahrbuch. ärztl. Fortbild., 1929, 20: H. 1, 1-7.—**Wiener, M., & Alvis, B. Y.** The use of concentrated epinephrin preparations in glaucoma, iritis, and related conditions. Am. J. Ophth., 1937, 3. ser., 20: 497-504.—**Wolff, L. K., & de Jongh, S. E.** Ueber Augendruckerniedrigende Mittel beim Glaukom. Klin. Wschr., 1925, 4: 2489.—**Woods, A. C.** The use of an extract of adrenal cortex in glaucoma. Arch. Ophth., Chic., 1935, 14: 936-46.—**Wright, R. E., & Nayar, K. K.** The adrenaline pack in the treatment of glaucoma; its value in temporarily reducing the intraocular pressure. Brit. M. J., 1929, 2: 453.

— Treatment: Method.

LAKATOS, L. *L'ionisation dans le glaucome. 35p. 8°. Par., 1936.

LUFTIG, W. Grüner Star und seine Behandlung ohne Operation bei Erwachsenen und Kindern. 109p. 8°. Berl. [1931]

MEHLHOSE, K. *Zur Therapie des Glaukoma simplex [Breslau] 19p. 8°. Hamb., 1927.

Bidault, R. Le traitement médical général du glaucome. Bull. Soc. opht. Paris, 1937, 446-507.—**Blatt, N.** Aderlass und Glaukom. Arch. Ophth., Berl., 1929-30, 123: 219-32.—**Bruckner, A.** Le traitement médical local du glaucome. Bull. Soc. opht. Paris, 1937, 508-36.—**Burdon-Cooper, J.** The conservative treatment of glaucoma. Brit. M. J., 1925, 2: 510-3. Also Eye Ear & Month., 1925-26, 4: 641-4.—**Burnham, G. H.** Primary glaucoma; the respective values of the different forms of treatment of this disease. Brit. J. Ophth., 1934, 18: 687-95.—**Calhoun, F. P.** The nonoperative and operative treatment of glaucoma. Am. J. Ophth., 1925, 3. ser., 8: 849-58.—**Can-tonnet, A.** L'ionisation dans le glaucome. Clin. opht., Par., 1928, 32: 553-5.—**Castresana, B., & Castresana y Guinea, A.** Las modernas orientaciones terapéuticas en el glaucome crónico. Arch. med., Madr., 1931, 34: 785-7.—**Chatin, J. F.** Non-surgical treatment of glaucoma. J. M. Soc. N. Jersey, 1930, 27: 874-6.—**Copeze, L.** Le traitement du glaucome dans les universités hollandaises. Bull. Soc. belge opht., 1933, No. 66, 27-37.—**Delfin, V.** Autohemotherapy in glaucoma. J. Philippine Islands M. Ass., 1939, 19: 683-95.—**Duke-Elder, W. S.** Osmotic therapy in glaucoma. Brit. J. Ophth., 1926, 10: 30-5.—**The etiology and non-operative treatment of glaucoma.** Sympos. Internat. Ophth. Congr. (1929) 1930, 13. Congr., No. 3, 43-67, pl. Also Abstr.—**Fernández, R. F.** Etiología, diagnóstico y tratamiento médico del glaucome. Bol. As. méd. Puerto Rico, 1940, 32: 149-53.—**Fritz, A.** Le traitement médical du glaucome; rapport d'un voyage d'étude dans l'est de la France (prix Hermans 1936). Bull. Soc. belge opht., 1937, No. 75, 77-87.—**Gallois, J.** Glaucoma chronique et hypotension artérielle thérapeutique. Bull. Soc. opht. Paris, 1935, 165-7.—**Geiger, C. W., & Roth, J. H.** Intraocular hypertension relieved by the removal of focal and systemic infections. Illinois M. J., 1928, 53: 110-4.—**Gifford, S. R.** Some non-surgical aids in the treatment of glaucoma. Brit. J. Ophth., 1929, 13: 481-90.—**Green, J.** The local non-surgical management of various types of glaucoma. South. M. J., 1936, 29: 609-11.—**Hallett, De W.** Glaucoma; postoperative mechanical massage in its treatment; a case. J. Ophth. Otol., 1927, 31: 219-25.—**Hardesty, J. F.** Control of intra-ocular hypertension by systemic medication. Tr. Am. Ophth. Soc., 1934, 32: 497-521, pl.—**Treatment of glaucoma by systemic measures; report of cases.** J. Missouri M. Ass., 1934, 31: 148-50.—**Haseltine, S. L.** Treatment of glaucoma, progressive myopia and some allergic conditions. J. Am. Inst. Homeop., 1940, 33: 7.—**Igersheid, J.** Die nichtoperative Therapie des Glaukoms. Deut. med. Wschr., 1927, 53: 1095.—**Jackson, F. R.** Treatment of glaucoma by injection of Meckel's ganglion through the posterior palatine foramen; with report of a case. Hosp. News, Wash., 1939, 6: No. 10, 1-11.—**Lebensohn, J. E.** Medical adjuvants in the management of increased

intraocular tension. Illinois M. J., 1936, 69: 94-8.—**Löhlein, W.** Ueberblick über den heutigen Stand der Glaukomtherapie. Zbl. ges. Ophth., 1929-30, 22: 1-31.—**Luedde, W. H.** Surgery and medicine in the treatment of glaucoma. Surg. Gyn. Obst., 1937, 64: 552-60.—**MacCallan, A. F.** Glaucoma; the treatment of early cases. Fol. ophth. orient., 1932-33, 1: 156-60.—**Magitot, A.** Pathogénie et traitement médical du glaucome. Sympos. Internat. Ophth. Congr. (1929) 1930, 13. Congr., No. 3, 1-32. Also Abstr.—**Marlow, S. B.** The non-operative treatment of chronic glaucoma. Arch. Ophth., N. Y., 1928, 57: 165-77. Also N. York State J. M., 1928, 28: 181-6.—**Merigot de Treigny.** Que faut-il penser du traitement médical du glaucome? Ann. ocul., Par., 1936, 173: 217. Also Bull. Soc. ophth. Paris, 1936, 7-15.—**Nectoux, R.** Contribution au traitement médical général du glaucome. Ibid., 1937, 548-53.—**Odintsov, V. P.** [Conservative and operative treatment of glaucoma] Vest. oft., 1939, 14: No. 6, 3-17.—**Pirkey, F.** Newer medical treatment of glaucoma. Kentucky M. J., 1934, 32: 409-12.—**Rossi, D.** Terapia medica e chirurgica del glaucoma. Boll. ocul., 1930, 9: 609-743, 3 ch.—**Saks, C. I.** An optometric means for the control of primary glaucoma. Am. J. Optometr., 1939, 16: 241-69.—**Sallmann, L.** Nuove direttive nella cura medicamentosa del glaucoma primario. Monit. endocr., 1934, 2: 846-9. Also Wien. klin. Wschr., 1934, 47: 885-8.—**Salus, R.** Die nichtoperative Therapie des Glaukoms. Med. Klin., Berl., 1931, 27: 1777-80.—**Snyder, W. H.** The treatment of glaucoma without operation. Ohio M. J., 1930, 26: 927-31.—**Stein, R.** Ueber Fortschritte in der konservativen Glaukomtherapie. Klin. Mbl. Augenh., 1935, 95: 703.—**Terlinck, J.** Le traitement du glaucome en Tchécoslovaquie (rapport sur un voyage d'études à Prague) Bull. Soc. belge ophth., 1935, No. 7, 235-48.—**Weekers, L.** L'action hypotonisante, chirurgicale et médicamenteuse, dans la thérapie antiglaucomateuse. Acta ophth., Kbh., 1930, 8: 253-60.—**Wick, W.** Klinische Versuche zur Glaukombehandlung durch Umstimmung des Gesamtorganismus. Klin. Wschr., 1926, 5: 1779.—**Zappino Zappino, J.** Las inyecciones de yoduro sódico estabilizado en el glaucoma y en otras afecciones dolorosas oculares. Med. Ibera, 1932, 26: 981.—**Zentmayer, W.** Medical treatment of chronic simple glaucoma. N. York State J. M., 1933, 33: 1433-7.

Treatment: Physiotherapy.

Baró, L. Estudio sobre el tratamiento electrofítico del glaucoma y del desprendimiento de la retina. Rev. españ. med. cir., 1930, 13: 312-6.—**Corrado, M.** L'influenza della marconiterapia (onde o ultracorte: $\lambda=6\text{m}$) sul glaucoma primario. Ann. ottalm., 1937, 65: 401-26.—**Heimann, E. A.** Die Grundlagen der physikalisch-diätetischen Behandlung des Glaukoms. Zschr. Augenh., 1930, 71: 82-94.—**Koch, C. C.** The systematic use of light in treating primary glaucoma. Am. J. Optometr., 1940, 17: 17-22.—**Krasso, J.** Ueber die Möglichkeit der Beeinflussung des Glaukoms durch die Röntgenbestrahlung der Schilddrüse. Zschr. Augenh., 1929, 68: 163-78. Die Beeinflussung des Glaukoms durch Allgemeinbestrahlungen mit Buckys Grenzstrahlen. Ibid., 69: 74-91.—& **Loeffler, A.** Ueber den KCA-Gehalt des Blutes bei Glaukomkranken und seine Beeinflussung durch Grenzstrahlen. Arch. Augenh., 1932, 106: 255-9.—**Lloyd, J. P. F.** Some experiences of the use of diathermy in increased intra-ocular tension. Tr. Ophth. Soc. U. K., 1938, 58: 774-81.—**Lloyd, R. I.** X-ray therapy in certain types of glaucoma. Arch. Ophth., N. Y., 1927, 56: 445-9.—**Margolin, G., & Lipovich, N.** [Application of cervical diathermy in glaucoma] Sovet. vest. oft., 1933, 2: 159-65, pl.—**Martin, J. E.** Double congestive glaucoma and the response to diathermy. Brit. J. Ophth., 1935, 19: 48.—**Rosenstein, A. M.** Die kausischen Punkte der Kornea, eine neue Heiltherapie des Glaukoms. Wien. med. Wschr., 1931, 81: 105-7.—**Spath, C. B.** Physical therapy in glaucoma. Arch. Phys. Ther., 1929, 10: 212-6.

Treatment: Principles.

Banaji, B. P. Some observations on the treatment of glaucoma. Proc. All India Ophth. Soc., 1931, 2: 39-47.—**Curran, E. J.** Some aspects in the etiology and treatment of acute and chronic glaucoma. J. Oklahoma M. Ass., 1932, 25: 387-90.—**Elliott, R. H.** Some points in connexion with the treatment of glaucoma. Brit. M. J., 1931, 2: 1169-71.—**Gaudissart, P.** Quelques notions modernes concernant la pathologie et le traitement médical du glaucome. Ann. Inst. chir. Bruxelles, 1932, 33: 165-72.—**Gilbert, W.** Entstehung und Behandlung des Glaukoms. Med. Klin., Berl., 1934, 30: 1037-9.—**Hagen, S.** Die Aetiologie und nichtoperative Behandlung des Glaukoms. Sympos. Internat. Ophth. Congr. (1929) 1930, 13. Congr., No. 3, 33-9.—**Hamburger, C.** Ueber das Erweichungsprinzip in der Glaukombehandlung. Ber. Deut. ophth. Ges., 1925, 45: 45-52. Also Deut. med. Wschr., 1926, 52: 106-8.—**Linksz, A.** Ueber Glaukomtherapie und ihre Beziehungen zum vegetativen Nervensystem. Ber. Deut. ophth. Ges., 1932, 49: 347-53 [Discussion] 353-6.—**Luedde, W. H.** Relation of capillary and corneal osmosis to glaucoma therapy. Am. J. Ophth., 1940, 3, ser., 23: 388-401. Also Rocky Mountain M. J., 1940, 37: 112.—**Miller, E. A., & Paul, T. M.** The etiology of primary glaucoma and its physiologic treatment. J. Missouri M. Ass., 1937, 34: 345-7.—**Nectoux, R.** Réflexions thérapeutiques à propos d'un cas de glaucome. Bull. Soc. ophth. Paris, 1937, 199-203.—**Schieck, F.** Das Wesen und die Behandlung des Glaukoms. Münch. med. Wschr., 1937, 84:

161-3.—**Schroeder, H.** The rational treatment of glaucoma. Eye Ear & Month., 1935-36, 14: 187; 238.—**Thiel, R.** Richtlinien für eine konservative Glaukomtherapie. Ther. Gegenwart, 1929, 70: 71-3.—**Wessely, K.** Viertes Referat über die Pathogenese und medikamentöse Therapie des Glaukoms. Sympos. Internat. Ophth. Congr. (1929) 1930, 13. Congr., No. 3, 69-80. Also Abstr.—**Wilson, R. P.** Osmosis in relation to the intra-ocular fluids and the application of the principle to the treatment of glaucoma. Bull. Ophth. Soc. Egypt, 1938, 21: 47-51.

Vision and field of vision.

Agnantis, C. Les modifications du champ visuel dans le glaucome secondaire. Ann. ocul., Par., 1925, 162: 597-618.—**Barbel, I. E.** [Color sense in glaucoma] Vest. oft., 1939, 15: No. 3, 10-22.—**Bissell, E. J.** Visual fields in glaucoma. J. Ophth. Otol., 1916, 22: 404-10, pl.—**Bjerrum, J.** An addition to the general examination of the field of vision; and also the field of vision in glaucoma. Eye Ear & Month., 1934, 13: 221-7. Also Optometr. Week., 1934-35, 25: 707-12.—**Casten, V., & Shaed, D. J.** Diagnostic value of tests of the light sense in early glaucoma. Arch. Ophth., Chic., 1933, 9: 52-5. Also repr.—**Derby, G. S.** Can loss of vision due to glaucoma be checked? Am. J. Ophth., 1927, 3, ser., 10: 178-81.—**Chandler, P. A., & O'Brien, M. E.** The light sense in early glaucoma; the smallest difference in brightness perceptible to the light adapted eye (light difference) Arch. Ophth., Chic., 1929, n. ser., 1: 692-703.—**Derby, G. S., Watte, J. H., & Kirk, E. B.** Further studies on the light sense in early glaucoma. Tr. Am. Ophth. Soc., 1926, 21: 92-104. Also Arch. Ophth., N. Y., 1926, 55: 575-9, 3 pl.—**Evans, J. N.** Transient fluctuations in the scotoma of glaucoma. Am. J. Ophth., 1935, 18: 333-47.—**Field studies in early glaucoma.** Bull. Pract. Ophth., S. Franc., 1935, 5: 55.—**Giannini, D.** Sul comportamento del visus in rapporto al comportamento della tensione endoculare nelle varie forme e nei vari stadi del glaucoma. Ann. ottalm., 1934, 62: 262-84, 2 ch.—**Jaensch, P. A.** Das Verhalten der paracentralen Skotome beim chronischen Glaukom und ihre prognostische Bedeutung. Klin. Mbl. Augenh., 1926, 77: 339-50.—**Kayser, B.** Verträge sich zentrales Skotom bei intakten Aussengrenzen oder konzentrisches Gesichtsfeldzerfall mit der Diagnose Glaukom? Ibid., 1938, 101: 883-6.—**Kaz, R.** La cécité confirmée et imminente dans le glaucome. Clin. ophth., Par., 1928, 32: 212-8.—**Lloyd, R. I.** The scotoma of glaucoma simplex. Am. J. Ophth., 1934, 3, ser., 17: 579-90.—**Marlow, S. B.** Visual fields in chronic glaucoma; the effect of reduced illumination. Arch. Ophth., Chic., 1932, n. ser., 7: 211-23. Also repr.—**Peter, L. C.** A simplified conception of visual field changes in chronic glaucoma. Arch. Ophth., N. Y., 1927, 56: 337-43.—**Pickard, R.** The photochromatic interval in glaucoma and cavernous atrophy. Brit. J. Ophth., 1938, 22: 391-400.—**Procksch, M.** Beitrag zum Glaukomgesichtsfeld. Zschr. Augenh., 1927, 61: 344-7.—**Quaglio, C.** L'acutezza visiva indiretta nel glaucoma cronico semplice. Ann. ottalm., 1932, 60: 301-26.—**Sloan, L. L.** The paracentral field in early glaucoma. Arch. Ophth., Chic., 1931, n. ser., 5: 601-22.—**Speciale-Piccihè, P.** La soglia di eccitamento cromatico (rosso e verde spettrale) nei glaucomatosi; ricerche cliniche di sintoni tricolore al cromatoscopio del Prof. Speciale-Cirincione. Ann. ottalm., 1927, 55: 884-900.—**Thomasson, A. H.** The development of the glaucoma scotoma. Arch. Ophth., N. Y., 1927, 56: 319-27. The value of scotometry in the diagnosis and treatment of glaucoma. Ibid., 1928, 57: 160-4.—**Visual fields in glaucoma.** Bull. Pract. Ophth., S. Franc., 1937, 7: 90-4.—**Waite, J. H., Derby, G. S., & Kirk, E. B.** The light-sense in early glaucoma, particularly the achromatic scotopic threshold at the macula (a preliminary report) Tr. Ophth. Soc. U. K., 1925, 45: 301-33.—**Zanettin, G.** Comportamento del senso luminoso centrale e periferico nel glaucoma cronico semplice. Ann. ottalm., 1931, 59: 847-82.

Vitreous.

Duke-Elder, S., & Davson, H. The vitreous body and glaucoma. Brit. J. Ophth., 1935, 19: 433-47.—& **Benham, G. H.** The swelling pressures of normal and glaucomatous vitreous bodies. Ibid., 1936, 20: 520-7.—**Gala, A.** Observations on the hydrogen ion concentration in the vitreous body of the eye with reference to glaucoma. Ibid., 1925, 9: 516-9.—**Hamburger, C.** Grundsätzliches zur Lehre vom Glaukom. Klin. Mbl. Augenh., 1931, 87: 638-42.—**Nordenson, J. W.** Die Glaskörpertheorien des primären Glaukoms. Upsala läk. fören. förh., 1926, n. f., 31: 289-315. Also Bruxelles méd., 1929-30, 10: 337-42.—**Rachevsky, F. A.** [Significance of the vitreous body in the pathogenesis of glaucoma] Vest. oft., 1939, 14: No. 2-3, 42-51.—**Redslob, E.** Le problème physico-chimique du glaucome. Ann. ocul., Par., 1927, 164: 721-38.—**Schroeder, H.** Glaucoma and the vitreous. Eye Ear & Month., 1936-37, 15: 124.

in animals.

See also Glaucoma, experimental.

DEMONT, G. A. *Contribution à l'étude du glaucome chez le chien [Alfort] 82p. 8°. Par., 1930.

Beckh, W. A case of spontaneous glaucoma in a rabbit. Am. J. Ophth., 1935, 18: 1144.—**Chailous, J., & Robin,**

Etude clinique de quatre cas de glaucome chez le chien. Bull. Soc. opht. Paris, 1929, 321-30.—Koby, F. E. Hydrophthalmie chez un porc, coïncidant avec une microphthalmie de l'autre côté. Ann. ocul., Par., 1929, 166: 200-5.—Reganati, F. Idrotalismo in occhio di coniglio. Boll. ocul., 1932, 11: 474-82.—Rochon-Duvigneaud, A. Un cas de buphtalmie chez le lapin; étude anatomique et physiologique. Ann. ocul., Par., 1921, 158: 401-14.—Terson, A. Le glaucome en pathologie générale et comparée. Rev. path. comp., Par., 1925, 25: 831-6.—Ueberreiter, O. Glaukom beim Hunde. Arch. wiss. prakt. Tierh., 1938-39, 74: 235-73.—Weldon, M. Surgical technics in glaucoma. J. Am. Vet. M. Ass., 1940, 96: 107-9.

GLAUCOMA (genus)

See under Ciliata.

GLUCOSAN.

See also Epinephrine; Glaucoma, Treatment; Drugs.

STEIN, C. *Zur Glaukombehandlung mit Glaukosan. 24p. 22cm. Giessen, 1936.

Archangelsky, P. F. Zur Frage der Glaukosantherapie bei Glaukom. Klin. Mbl. Augenh., 1926, 76: 840-8.—Böhm, jr. Akuter Glaukomanfall an beiden Augen nach Glaukosantropfen. Arch. Ophth., Berl., 1928, 120: 574.—Bretagne, P. Quatre observations de traitement du glaucome par le glaucosan. Bull. Soc. opht. Paris, 1927, 326-8.—Castresana, B. El glaucosan en el glaucoma. Siglo méd., 1929, 83: 116-9.—Darier, J. Observation de glaucome grave amélioré par le glaucosan; mode d'action. Clin. opht., Par., 1927, 31: 243-6.—Duke-Elder, W. S., & Law, F. W. Treatment of glaucoma by adrenaline and histamine (the so-called glaucosans). Brit. M. J., 1929, 1: 590-2.—Ellett, E. C., & Rychener, R. O. Some clinical observations on levoglucosan (Linksglaukosan) and amino-glucosan. Am. J. Ophth., 1929, 3, ser., 12: 368-72.—Gredsted, A. Beitrag zur Glaukosanbehandlung des Glaukoms. Zschr. Augenh., 1927, 63: 84-101.—Green, J. Two per cent. epinephrin solutions as substitutes for laevo-glucosan (suprarenal preparations). Tr. Am. Ophth. Soc., 1930, 28: 301-5.—Grösz, I. L'ionisation au glaucosan. Arch. opht., Par., 1936, 53: 25-31.—Hamburger, C. Treatment of glaucoma with glaucosan, glaucosan drops, and amine-glucosan drops. Arch. Ophth., N. Y., 1926, 55: 533-44. pl. Also Klin. Mbl. Augenh. 1926, 76: 400-3. — Ueber Verhütung akuter Anfälle bei der Glaukosanbehandlung. Ber. Deut. ophth. Ges., 1927, 46: 69 [Discussion] 79-86. Also Klin. Mbl. Augenh., 1927, 79: 232-7. — Rectification à l'article glaucosan du Dr Hamburger. Clin. opht., Par., 1927, 31: 246. — Tratamiento del glaucoma por el glaucosán, las gotas de glaucosan y las gotas amino-glucosan. Rev. med. cir. Habana, 1928, 33: 811-7. — Beitrag zur Glaukosanbehandlung des Glaukoms von Dr Alice Gredstedt. Zschr. Augenh., 1928, 64: 310-2. — Glaucoma and glaucosan drops. Brit. J. Ophth., 1930, 14: 172-6. — Experiences with glaucosan. Ibid., 1935, 19: 455-9. — On the treatment with glaucosan of cases of glaucoma operated upon without success, and of complicated cataracts. Ibid., 1939, 23: 557-67.—Herold, K. [Glaukosan treatment of glaucoma] Cas. lék. česk., 1928, 67: 726-30.—Huber. Weitere Erfahrungen mit Glaukosan. Schweiz. med. Wschr., 1934, 64: 198.—Israel, N. E. Observations on the use of glaucosan in the treatment of glaucoma. Texas J. M., 1927-28, 23: 340-4.—Mock. Notiz zur Glaukosanfrage. Münch. med. Wschr., 1926, 73: 1711.—Nónay, T. Unsere Erfahrungen mit Glaukosan. Klin. Mbl. Augenh., 1928, 80: 503-8.—Pischel, D. K. Glaukosan in glaucoma; a preliminary report. Am. J. Ophth., 1928, 3, ser., 11: 705-9.—Post, L. T. Laevo-glaukosan and epinephrine bitartrate in the treatment of glaucoma. Arch. Ophth., Chic., 1934, 11: 187-93.—Rauh, W. Zur Glaukombehandlung mit Glaukosan. Zschr. Augenh., 1930-31, 73: 8-26.—Rinaldi, S. Il glaukosan nella terapia di alcune affezioni oculari con ipertensione. Ann. ottalm., 1934, 62: 500-25.—Wegner, W. Erfahrungen mit Glaukosan bei Glaukom und Iritis. Zschr. Augenh., 1926, 60: 156-63.

GLAUERT, Adelheid, 1909—*Die Infraktion als therapeutische Massnahme bei Deformitäten am rachitischen Unterschenkel [Münster] 27p. 21cm. Bochum, F. W. Fretlöh, 1937.

GLAUM, Albert, 1911—*Das Verhalten der inneren Sekretion des Pankreas, untersucht bei 461 Gallenerkrankungen der chirurgischen Klinik Giessen [Giessen] 20p. 8°. Butzbach, K. Schneider, 1938.

GLAUNER, Johanna, 1908—*Total-exstirpation des Uterus bei Plazenta praevia totalis [München] 27p. 8°. Stuttg., E. Klett, 1933.

GLAUNER, Werner, 1908—*Ueber die analeptische Wirkung alkylierter Säurediamide. 16p. 8°. Tüb., Böhlzle, 1936.

GLAUNER, Willy, 1907—*Embolischer Alveolarchinokokkus der Lunge [Tübingen] 24p. 8°. Ludwigsb., Ungeheuer & Ulmer, 1934.

GLAUNES, Jean Pierre, 1911—*Le signe de Véléz. 75p. pl. 5 tab. 25cm. Bord., A. Destout Aîné, 1937.

GLAUS, Alfred. *Ueber Pfropfschizophrenie und schizophrene Frühdemenz. 47p. 8°. Zür., O. Füssli, 1936.

Also Schweiz. Arch. Neur. Psychiat., 1936, 37: 38:

GLAUS, Anton, 1902—*Untersuchungen über den Schneidezahnwechsel beim schweizerischen Braunvieh zum Zwecke der Altersbestimmung. 36p. 7 pl. 8°. Zür., H. Roth, 1932.

GLAUSER, Gottlieb. *Considérations au sujet des corps étrangers du sinus maxillaire et de leurs conséquences quant à la responsabilité civile du dentiste [Genève] 37p. 8°. Moutier, Impr. Petit Jurassien, 1932.

GLAUSSEN, Ivan.

See Ramadier, J., Flurin, H., & Glaussen, I. L'hôpital de la charité. 85p. 8°. Par., 1935.

GLAWATZ, Kurt, 1900—*Die Behandlung der Lunatumnekrose an der Chirurgischen Universitätsklinik zu Rostock 1923-27 und ihre Erfolge. 54p. 8°. Rostock, C. Hinstorff, 1928.

GLAZ, Abraham, 1899—*Contribution à l'étude de quelques formes atypiques du paludisme. 50p. 8°. Par., M. Vigné, 1933.

GLEASON, Edward Baldwin, 1854-1934. Essential of the diseases of the ear; arranged in the form of questions and answers. 3. ed. [Saunders' question-compends No. 24.] 214p. 12°. Phila., W. B. Saunders & Co., 1902.

— A manual of diseases of the nose, throat, and ear. 6. ed. 2 p. l. 617p. 8°. Phila., W. B. Saunders Co., 1929. Also 7. ed. 2 p. l. 651p. illust. 1933.

For biography see Laryngoscope, 1934, 44: 995. Also Med. World, 1936, 54: 580-2 (P. S. Stout) Also Tr. Am. Acad. Ophth. Otol., 1935, 40: 475.

GLEASON, John D. The specialist investigates your glands; your glands control your destiny in the development of your mental, physical and human efficiency. 191p. 8°. S. Franc., Mercury Press [1931]

GLEASON, John Hiram, 1870-1925. Obituary. Tr. N. Hampshire M. Soc., 1926, 135: 236, portr.

GLEASON, Rachel B. Talks to my patients; hints on getting well and keeping well. xii, 228p. 8°. N. Y., Wood & Holbrook, 1870.

GLEASON, Sumner. Hand book of uroscopy from notes taken in the laboratory of Jo H. Linsley. 37p. 8°. Burlington, Vt., R. S. Styles, 1882.

GLECHOMA.

Hazslinszky, B. [Glechoma poisoning in horse] Allatorv. Irp., 1935, 58: 310.—Rome, M. B. An anatomical study of Nepeta hederacea. Univ. Pittsburg Bull., 1934, 31: No. 1, 279-86.

GLEDITSCHIA.

Guichard, F. Sur le Gleditschia australis Hems. Ann. méd. pharm. col., Par., 1936, 34: 755.

GLEES, Paul, 1909—*Quantitativ-chemische Untersuchungen über die Schwankungen des Eisengehalts der Leber und Milz in verschiedenen Lebensaltern und bei verschiedenen Krankheiten. 31p. 8°. Bonn, L. Heidelbergmann, 1935.

GLEICH, Herbert, 1905—*Die Dupuytren'sche Kontraktur [München] 20p. 22cm. Düssel., G. H. Nolte, 1937.

GLEICHEN-RUSSWURM, Alexander von, 1865—Der Wunderdoktor von der Heil-

sehn sucht der Jahrhunderte. 262, 2p. pl. portr. 8°. Augsb., P. Haas & cie [1937]

GLEICHGEWICHT, Adolf. *Les hernies de l'estomac à travers l'hiatus oesophagien et les syndromes radiologiques de la région hiatale; essai pathogénique, clinique et radiologique. 145p. 13 pl. 24cm. Genève, Impr. Genevoise, 1937.

GLEICHMANN, Friedrich.
See Westphal, Karl, Gleichmann, Friedrich, & Mann, Wilhelm. Gallenwegsfunktion und Gallensteinleiden [&c.] 229p. 8°. Berl., 1931.

GLEICHMANN, Fritz, 1901— *Untersuchungen über den Einfluss von Keimdrüsenpräparaten auf den Stoffwechsel geschlechtsnormaler Tiere, beobachtet am Harnquotienten C: N. p.293-306. 8°. Berl., J. Springer, 1927.
Also Biochem. Zschr., 1927, 191:

[**GLEIG, G. R.**] The campaigns of the British army at Washington and New Orleans, in the years of 1814-15. 3. ed. iv, 387p. 8°. Lond., J. Murray, 1827.

GLEIS, Heinrich, 1897— *Ueber Retention von Zähnen, ihre Ursachen, Erscheinungen und Behandlung [Münster] 23p. 8°. Quakenbrück, R. Kleinert, 1930.

GLEISES, Jean Pierre, 1887— *Rôle antitoxique du foie au cours des infections aiguës. 42p. 24½cm. Par., A. Legrand, 1939.

GLEISSBERG [Leo Max] Gerhard, 1900— *Ueber Plexusanästhesie [Leipzig] 27p. 8°. Borna, R. Noske, 1927.

GLEISSNER, Edgar, 1900— *Ueber das Auftreten von Interkalarestaphylophen bei Glioma retinae. 11p. 8°. Würzb., A. Boegler, 1928.

GLEISSNER, Franz, 1908— *Die klinische Behandlung des Gesichtsfurunkels. 19p. 8°. Würzb., C. J. Becker, 1932.

GLEITSMANN, Hanns. Die Seuchen im Seeverkehr; epidemiologische Betrachtungen. 39p. tab. roy. 8°. Münch., J. F. Lehmann, 1928.

Forms Bd 9, H. 1, Pettenkofer-Gedenkschrift.

— Wetter und Krankheit nach Beobachtungen im Marinekorps in Flandern in den Kriegsjahren 1914-17. 26p. 31 ch. 8°. Berl., E. S. Mittler & Sohn, 1929.

Forms Heft 18, Veröff. Marine San.

— Vom Wesen der Mandelentzündung; nach Beobachtungen bei der im Februar 1930 in den Kasernen der V. Marine-Artillerie-Abteilung in Pillau aufgetretenen Mandelentzündungsepidemie. 66p. 8°. Berl., E. S. Mittler & Sohn, 1932.

Forms Heft 23, Veröff. Marine San.

— Beobachtungen und Betrachtungen über die hauptsächlichsten Allgemeinerkrankungen, die in der Deutschen Marine auf den Schiffen und bei den Marineteilen am Lande im Kriege 1914-18 vorgekommen waren. viii, 450p. tab. 4°. Berl., E. S. Mittler & Sohn, 1935.

Forms v.3, Kriegssanitätsbericht Deut. Marine, 1914-18.
See also Germany. Reichskriegsministerium. Marine-medizinabteilung. Kriegssanitätsbericht über die Deutsche Marine 1914-18. 450p. 4°. Berl., 1935.

GLEIXNER, Ludwig, 1910— *Aktive Immunisierung gegen Diphtherie, mit Bezug auf die passive Immunisierung vom Standpunkte der Volksgesundheit aus a) wissenschaftlich, b) praktisch [München] 44p. 21cm. Kallmünz, M. Lasseben, 1937.

GLEJZOR, Wolf, 1908— *Néphrite mercurielle à évolution prolongée. 63p. 8°. Par., Les Presses Modernes, 1935.

GLEMBOCKI, Pinchos. *Ueber einen Fall von recidivierender Stauungspapille bei Gliom des linken Schläfen- und Stirnhirns. 19p. 8°. Basel, J. Heuberger, 1937.

GLEN, William Cunningham.
See Ashford, Ethel Bright. Glen's Public health act, 1936. 15. ed. 685p. 8°. Lond., 1936.

GLENARD, Roger. Réaction vaso-motrices du foie en clinique; congestion active du foie, rétraction du foie, hépatoptose. viii, 239p. 4 pl. 12°. Par., G. Doin & cie, 1931.

GLENARD'S disease.

See Enteroptosis; Visceroptosis.

GLENCLIFF, N. Hamp. New Hampshire State Sanatorium. Biennial report. Glencliff, 9.-13., 1924-34.

GLEN Gardner, N. J. New Jersey Sanatorium for Tuberculous Diseases. Annual report. Trenton, 1904-17; 1921-22.

GLENISTER, John W. Home physician and medical instructor; an invaluable collection of information that should be possessed by everybody. 200p. 8°. Jamaica Plains, Mass. [n. pub.] 1905.

GLENK, Hanns, 1908— *Ueber die bakteriellen Erreger der akuten Mittelohrentzündung [Erlangung] 31p. 8°. Nürnberg-Zirndorf, Bollmann, 1936.

GLENN, William Frank, 1853— Lectures on venereal diseases. 259p. 8°. Nashville, Tenn., Wheeler & Osborn, 1881.

GLENNAN, Arthur Henry, 1853-1926.
Obituary. J. Am. M. Ass., 1926, 87: 1409.

GLENNAN, James D., 1862-1927.
Obituary. Clipping from Army & Navy J., 1927. Also Mil. Surgeon, 1928, 62: 291.

GLENN Mills, Penna. House of Refuge. Annual report. Glenn Mills, 67.-69., 1895-97.

GLENOSPORA.

See Aleurisma; Sporotrichaeae.

GLENWOOD, O. Institution for Feeble-minded Children of the State of Ohio. Biennial report of the Board of Trustees. Glenwood, 1., 1877—

GLET, Erich, 1908— *Ueber Laktone von mono- und bicyclischen Verbindungen [Kiel] 37p. 23½cm. Borna, R. Noske, 1934.

— *Ueber den Verbleib des Kurzmarkotikums Eunarcon im Organismus [Kiel] 35p. 23½cm. Berl., C. Schulz, 1936.

GLET, Paul, 1901— *Ueber die Einwirkung von roher, dauer- und hochpasteurisierter Milch auf den tierischen Organismus, auf Grund von Versuchen an Meerschweinchen, Ferkeln und Kälbern [Kiel] p.328-66. 8°. Berl., J. Springer, 1929.

Also Milchwirtsch. Forsch., 1929, 8:

GLEUE, Hans Otto, 1903— *Die Entwicklung der bakteriologischen Prophylaxe bei den augenärztlichen Operationen mit den Ergebnissen der Rostocker Universitäts-Klinik aus dem Jahre 1933-34. 24p. 8°. Rostock, Adlers Erben, 1934.

GLEY, Eugene, 1857-1903. Traité élémentaire de physiologie. 8. éd. 2v. vii, 1077p. pagéd consec. illust. 8°. Par., J. B. Baillière, 1934.
For biography see Bull. Acad. méd., Par., 1930, 3. ser., 104: 392-3 (P. Portier) Also J. physiol. path. gén., 1931, 29: 1-6 (C. Richet) Also Proc. R. Soc. Edinburgh, 1931-32, 52: 455-7. Also Rev. méd. fr., 1931, 12: 2-5 (V. Balthazard) Also Rev. se., Par., 1930, 68: 577-80 (D'Arsonval)

GLEY, Pierre, 1898.—*Contribution à l'étude des fonctions des surrénales. 30p. 8° Par. [n. pub.] 1925.

See also Vaquez, H., & Gley, P. La pression moyenne de l'homme à l'état normale et pathologique. 125p. 8° Par., 1936.

GLEZERIS, Nachman, 1909.—*La calcémie dans les rhumatismes chroniques. 32p. 8° Par., M. Vigné, 1935.

GLIA.

See Neuroglia.

GLIADIN.

See also Cereal; Glutelin; Gluten; Protid; also names of cereals; also in 3. ser. **Glutin**.

Baglioni, S. Il valore nutritivo del glutine. Riv. biol., 1929, 11: 160-6.—**Botazzi, F.** Il chicco del grano e il glutine di J. B. Beccari. Q. nutriz., Bologna, 1939, 6: 256-75.—**Burk, N. F.** Osmotic pressure, molecular weight, and stability of gliadin. J. Biol. Chem., 1938, 124: 49-70. Also repr.—**Centanni, E.** La questione del glutine: un errore di Justus von Liebig. Pediat. prat., Modena, 1929, 6: 58-60.—**Damodaran, M., Jaaback, G., & Chibnall, A. C.** The isolation of glutamine from an enzymic digest of gliadin. Biochem. J., Lond., 1932, 26: 1704-13.—**Eto, I.** Beiträge zur Kenntnis des Gliadins. J. Biochem., Tokyo, 1923-24, 3: 373-92.—**Galimini, A.** Valore alimentare del glutine come unica sorgente di proteine in rapporto anche alla somministrazione di lipoidi. Boll. Soc. ital. biol. sper., 1932, 7: 62-7.—**Gardenghi, G.** Nel secondo centenario della scoperta del glutine (G. B. Beccari, 1728). Riv. stor. sc. med., 1928, 19: 36-42.—**Gherardini, N.** Del glutine nelle paste da minestra. Gior. med. mil., 1935, 73: 137-47.—**Kuhlmann, A. G.** The individuality of gliadin. Nature, Lond., 1937, 139: 119.—**Majocchi, D.** Nella ricorrenza del II° centenario della scoperta del glutine di Jacopo Bartolomeo Beccari. Mem. Accad. sc. Ist. Bologna, 1927-28, 8. ser., 5: 15-25.—**Matula, J.** Physikalisch-chemische Untersuchungen an methyliertem Glutin. Biochem. Zschr., 1938-39, 300: 284-91.—**Melnick, D., & Cowgill, G. R.** The toxicity of high-gliadin diets; studies on the dog and on the rat. J. Nutrit., 1937, 14: 401-18.—**Nakashima, R.** Ueber ein Tetrapeptid aus Gliadin. J. Biochem., Tokyo, 1926, 6: 55; 1927, 7: 441.—**Nolan, L. S., & Vickery, H. B.** Preparation of gliadin and zein. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 449-51.—**Pöddine, G.** Contributo allo studio dell'azione di una dieta arricchita di glutine sulla funzionalità epatica. Arch. stud. fisiopat. ricambio, 1939, 7: 365-9.—**Roncato, A.** Sulla presenza di nuclei pirrolici nell'idrolizzato tripatico della gliadina; dimostrazione di nuclei pirrolici mediante la p-bromofenilazooossicarbonamide. Arch. sc. biol., Bologna, 1933-34, 19: 288-98. Also Atti Soc. med. chir. Padova, 1933, 2. ser., 11: 307-10.—**Syngé, R. L. M.** The Hofmann degradation of glutamine residues in gliadin. Biochem. J., Lond., 1939, 33: 671-8.—**Tucker, H. F., & Eckstein, H. C.** The effect of supplementary lysine, methionine, and cystine on the production of fatty livers by high fat diets containing gliadin. J. Biol. Chem., 1938, 126: 117-23. Also repr.

GLIDDEN, Stephen Clifton, 1870-1917.

Brown, P. Stephen Clifton Glidden, 1870-1917. In his Am. martyrs Roentg. rays, Springfield, 1936, 155-9.

GLIENKE, Herbert, 1909.—*Ueber die Lymphogranulomatose und den Ausfall der unspezifischen Entzündungsreaktion bei ihr. 58p. 22½cm. Greifswald, H. Adler, 1936.

GLIKIN, Woldemar. Chemie der Fette, Lipide und Wacharten. 2v. xvi, 789p.; xi, 788p. 25½cm. Lpz., Gebr. Borntraeger, 1912-13.

GLIKMAN, Esther [née Matis] 1901—*La maladie de Bouillad familiale (hérédité et contagion) 48p. 8° Par., Jouve & cie, 1935.

GLIKSMAN, Edward, 1868-1936.

Röbin, W. [Obituary] Warsz. czasz. lek., 1936, 13: 133, portr.

GLIKSMAN, Henri, 1907.—*Organisation actuelle des services d'hygiène en Pologne; Le Centre d'hygiène. 40p. 8° Par., Jouve & cie, 1933.

GLIKSMAN, Sophie, 1903.—*Les résultats fournis par la radiothérapie dans le traitement des cancers du sein. 146p. 8° Par., L. Arnette, 1927.

GLIMSTEAD, Olof Hichens. Adhesive plaster bandaging in athletics. 64p. 16° New Brunswick, N. J., Johnson & Johnson [1924]

See also Clough, O. L., & Glimstead, O. H. Athletic injuries and their treatment. 47p. 12° [N. Y., 1925]

GLIMSTEDT [Erik] Gösta, 1905—*Bakterienfreie Meerschweinchen; Aufzucht, Lebensfähigkeit und Wachstum, nebst Untersuchungen über das lymphatische Gewebe. 295p. roy. 8° Kbh., Levin & Munksgaard, 1936.

Forms Suppl. 30, Acta path. microb. scand.

GLINEWSKI, Willi, 1909.—*Karbolsäure als Extraktionsmittel für die Herstellung eines Gonokokkenantigens. 21p. 20½cm. Königsb.-Pr., J. Raabe, 1937.

GLINGAR, Alois. Endoskopie der männlichen Harnröhre. p.157-76. illust. pl. 8° Berl., 1935.

In Haut- u. Geschlechtskr. (Arzt & Zieler) Berl., 1935, 5:

— Instrumentelle Behandlung des Trippers beim Manne. p.233-50. illust. 8° Berl., 1935.

In Haut- u. Geschlechtskr. (Arzt & Zieler) Berl., 1934, 5:

See also **Blunt, Victor**, **Glingar, A.**, & **Hryntschak, T.** Urologie [&c] 318 p. 8° Wien, 1926.

GLINTZER, Rudolf [Heinrich Justus] 1909—*Klinische und praktische Bedeutung der Grundumsatzbestimmung mittels der Read'schen Formel [Leipzig] 49p. 8° Würzb., R. Mayr, 1937.

GLIOBOTRYS.

See Fungi imperfecti.

GLIOMA.

See also organs and parts affected as Brain tumor, Glioma; Brain ventricles; Cerebellum; Nerve-sheath; Retina, &c.

Bailey, P. Further remarks concerning tumors of the glioma group. Bull. Johns Hopkins Hosp., 1927, 40: 354-89.—**Belmonte, V.** Ueber ein Gliom beim Haushuhn. Virchows Arch., 1934-35, 294: 329-33.—**Emdin, P. I., & Zhurid, I. S.** [Basic principles in the study of atypically growing glia] Nevropat. psikiat., Moskva, 1937, 6: 201-8.—**Hemmingson, H.** Arteriographic diagnosis of malignant glioma. Acta radiol., Stockh., 1939, 20: 499-519.—**Holtzer, P. A. F. H.** [Difficulties in differential diagnosis of hemangioblastic tumors and vascular afibrillary or cellular gliomas] Ned. tsehr. geneesk., 1939, 83: 2952-8.—**Simon, T.** [Glioma resembling schizophrénia] Orv. hetil., 1939, 83: 815.

Astrocytoma.

Deery, E. M. The astrocytoma. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 3: 283-7.—**Greenwood, J. jr.** Astrocytoma: report of 2 cases with a history of symptoms for over 13 years. Arch. Neur. Psychiat., Chic., 1936, 35: 920-2.—**Jungheer, E., & Wolf, A.** Gliomas in animals; a report of 2 astrocytomas in the common fowl. Am. J. Cancer, 1939, 37: 493-509.

Classification.

BAILEY, P., & CUSHING, H. A classification of the tumors of the glioma group on a histogenetic basis with a correlated study of prognosis. 175p. 8° Phila. [1926]

Bailey, P. Histologic atlas of gliomas. Arch. Path., Chic., 1927, 4: 871-920, 25, pl. — Une nouvelle classification des gliomes. Ann. anat. path., Par., 1928, 5: 661-5.

— A review of modern conceptions of the structure and classification of tumors derived from the medullary epithelium. J. belge neur. psychiat., 1938, 38: 759-82.—**Fincher, E. F., jr.** Clinical significance of the classification of the gliomas. J. M. Ass. Georgia, 1933, 22: 83-90.—**Goldstein, M.** Court aperçu sur la classification des gliomes. In Marinesco Festschr., Bucar., 1933, 253-6.—**Messing, R.** Un exemple des difficultés que soulève la classification des gliomes. Rev. neur., Par., 1929, 36: pt 2, 119.—**Penfield, W.** The classification of gliomas and neuroglia cell types. Arch. Neur. Psychiat., Chic., 1931, 26: 745-53.

Cytology, and histology.

Achúcarro, N. Sobre los núcleos de las células gigantes en un glioma. Trab. Lab. invest. biol. Univ. Madrid, 1912, 10: 263-72.—**Alpers, B. J.** Origin and development of giant cells in gliomas. Arch. Neur. Psychiat., Chic., 1931, 25: 281-98. Also repr.—**Courville, C. B.** Cell types in the gliomas; their relationship to normal neurohistogenesis. Arch. Path., Chic., 1930, 10: 649-61.—**Cox, L. B.** The cytology of the glioma group; with special reference to the inclusion of cells derived from the invaded tissue. Am. J. Path., 1933, 9: 839-98.

5 pl.—**Haven, H. A.** Studies on the cellular origin of tumors of the glioma group. Pub. Inst. Neur. Northwest. Univ., 1933, 5: 286-92.—**Kimura, O.** Ueber die grösseren Zellen in verschiedenen Gliomen (nebst Beiträgen zum Neuroglioma gigantocellulare, Neuroepithelium und zur Lehre der tuberosen Hirnsklerose). Mitt. Path. Inst. Univ. Sendai, 1919-21, 1: 321-74, 4 pl., 2 ch.—**Lhermitte, J., & Leroux, R.** Etude histologique générale des gliomes des nerfs périphériques, des racines rachidiennes et des gliomes viscéraux. Rev. neur., Par., 1923, 30: 286-94.—**Ramirez-Corria, C. M., & Corachan, M.** Contribution à l'étude de la cytologie de certains gliomes alvéolaires. Ann. anat. path., Par., 1934, 11: 169-72.—**Scherer, H. J.** Die Bedeutung des Mesenchyms in Gliomen. Virchows Arch., 1933, 291: 321-40. — Sur le développement des structures dans les gliomes. Commun. Internat. Congr. Sc. Campaign Cancer (1936) 1937, 2. Congr., 250-4, pl. Also Am. J. Cancer, 1938, 34: 333-51.—**Singer, L., & Seiler, J.** Untersuchungen über die Morphologie der Gliome; neuere Anschauungen über die Bedeutung der fibrillären Glia in den Geschwülsten; das Gliom eine neurogene Geschwulstform mit gliomosemalem Stützgerüst. Virchows Arch., 1932-33, 287: 823-97.—**Tarozzi, G.** Osservazioni istologiche ed istogenetiche sul glioma; formazioni cistiche e neuroepitelliali dei gliomi; considerazioni sulla genesi del fenomeno blastomatoso. Riv. sper. freniat., 1925-26, 49: 249-308, pl.—**Urban, H.** Die Gewebsverschiedenheiten der Gliome und ihre klinischen Wechselbeziehungen. Frankf. Zschr. Path., 1933-34, 46: 486-502.—**Usawa, T.** Zur Frage der Konstitution des Glioms. Arb. Neur. Inst. Wien, Univ., 1929, 31: 1-12. Also Sei i kwai, 1930, 49: 9-20.—**Veszprémi, D.** Beiträge zur Histologie der Gliome. Virchows Arch., 1913, 213: 545-53.—**Wisbaum, K.** Ueber epitheliale Wandbekleidung in Gliomeysten. Ibid., 1923-24, 247: 623-39.

— Ependymoma.

See Brain ventricles, Ependyma: Diseases and tumors.

— Etiology.

BLOMBERG, H. E. VON. *Gliose und Gliom nach Trauma. 16p. 8°. Münch., 1929.

GAHL, E. *Zur Frage der traumatischen Aetiologie der Gliome. 96p. 8°. Marburg, 1935.

KAHLE, H. *Die Bedeutung des Traumas für die Entwicklung von Gliomen. 23p. 23cm. Berl., 1938.

Bender, W., & Panse, F. Familiäres Gliom (zur Genetik der Gliome) Mschr. Psychiat., 1932, 83: 253-85.—**Divry, P.** Les idées nouvelles sur la genèse des gliomes et leur portée pratique. Liège méd., 1932, 25: 265; 306.—**Hata, B.** Ueber die Gliomentwicklung im Altersauge, dem die Hornhaut des Gliomkranken optisch transplantiert wurde. Acta Soc. ophth. jap., 1939, 43: 104.—**Wörth, E.** Gliom und Unfallsfolge. Mschr. Unfallheilk., 1923, 30: 170; 194.

— Examination.

Bland, J. O. W., Russell, D. S., & Canti, R. G. Tissue culture of gliomata. Commun. Internat. Congr. Sc. Campaign Cancer (1936) 1937, 2. Congr., 250. Also Proc. Ass. Res. Nerv. Ment. Dis., 1937, 16: 1-24.—**Boyd, W.** The glioma group studied by ordinary histological methods. Brit. M. J., 1930, 2: 720-2.—**Fincher, E. F., jr.** The impregnation of glioma sections from paraffined tissue with Hortega's silver carbonate (lithium) solution. Am. J. Cancer, 1932, 16: 918-22.—**Foot, N. C.** Suggestions for staining tumors of spongioblastic origin. Am. J. Path., 1929, 5: 215-22, 5 pl.—**Jaburek, L.** Eine Methode zur Silberimprägnierung des Gliomgewebes. Arch. Psychiat., Berl., 1934, 102: 45-51.—**Russell, D. S., & Bland, J. O. W.** A study of gliomas by the method of tissue culture. J. Path. Bact., Lond., 1933, 36: 273-83. Also repr.—**Scherer, H. J.** Gliomstudien; Problemstellung; Methodik. Virchows Arch., 1934-35, 294: 790-4.—**Weil, A.** Silver impregnation of gliomas with Davenport's method. Tr. Chicago Path. Soc., 1931, 13: 398. — & **Davenport, H. A.** Eine Methode zur Silberimprägnierung von Gliomen. Zschr. ges. Neur. Psychiat., 1930, 126: 796-802.

— Glioblastoma multiforme.

Bailey, P., & Cid, J. M. Sobre el origen y estructura del glioblastoma multiforme. Prensa méd. argent., 1935, 22: 215-30.—**Paulian, D. E., & Bistriceanu, I. V.** [Contribution to histo-pathological studies of neuronal multiform glioblastomas] Spitalul, 1934, 54: 201-8. Also Ann. méd., Par., 1935, 37: 359-73.—**Taylor, F. W.** Bilateral glioblastoma multiforme; report of 2 cases. Arch. Path., Chic., 1934, 18: 347-55.

— Medulloblastoma.

Faibushevich, V. M. [Gliosarcoma in a 15-year old child] Vrach. gaz., 1930, 34: 1592.—**Nishii, R.** Zur Kenntnis der diffusen Sarkomatose des Nervensystems (Medullo-Blastom) Arb. Neur. Inst. Wien. Univ., 1929, 31: 116-28.—**Ogurtsova, A. S.** [Metastases of medulloblastomas along the cerebro-spinal

tract] Nevropat. psikiat., 1939, 8: No. 5, 3-19.—**Smirnow, L. I.** Ueber die polymorphogenetischen Gliome (zur Frage der Medulloblastome) Arch. Psychiat., Berl., 1929, 87: 339-415.—**Smith, R. P., & Spence, J. C.** Diffuse sarcomatosis of the brain and spinal meninges. Newcastle M. J., 1927-28, 8: 47-51.

— Medulloepithelioma.

Greenfield, J. G. Two cases of medulloepithelioma (Bailey and Cushing) with special reference to the relative malignancy of this type of tumour. J. Path. Bact., Camb., 1934, 38: 11-6, pl.

— multiple.

See also Gliosis.

MÜLLER, H. W. *Ueber multiple Gliome im Gehirn und Rückenmark [Zürich] 13p. 8°. Basel, 1924.

Also Schweiz. med. Wschr., 1924, 54: 1107-10.

Barbier, J., & Badinand. Neurogliomes multiples sur les racines rachidiennes et les nerfs périphériques. Lyon méd., 1934, 153: 14-7.—**Froehlich, E.** Ein Fall von multiplen Gliomen. Deut. med. Wschr., 1915, 41: 951.—**Kino, F.** Ueber ein subependymäres, multiples, malignes Glioblastom. Zschr. ges. Neur. Psychiat., 1937, 160: 297-305.—**Scherer, H. J.** Le problème des gliomes multiples. Ann. méd. psychol., Par., 1935, 93: pt 2, 467.

— Neuroepithelioma.

SILBERBERG, E. *Neuroblastome und Neuroepitheliome. p.251-61. 8°. Bresl., 1925.

Also Virchows Arch., 1926, 240:

Bulliard, H., & Champy, C. Etude d'un embryome du canard envahi secondairement par une tumeur maligne; neuro-épithéliome. Bull. Ass. fr. cancer, 1931, 20: 197-205.—**Slaczka, A.** Ueber die s. g. Neuroepitheliome des zentralen Nervensystems, nebst Betrachtungen über die Pathogenese der Hydromyeli, der Syringomyeli und der Neurinomatos. Bull. internat. Acad. polon. sc., 1937, cl. méd., 247-315, 7 pl. — [Tumours known as neuroepithelioma of the brain and spinal cord with reference to the pathogenesis of syringomyelia and neurinomatosis] Neur. polska, 1936, 19: 287-390, 19 pl.

— Oligodendroglioma.

Belezky, W. K. Ein Fall von Mesogliom (Oligodendrogliom) Virchows Arch., 1933, 290: 450-9.—**Lowenberg, K., & Waggoner, R. W.** Gross pathology and classification of the oligodendrogliomas. Tr. Am. Neur. Ass., 1938, 64: 192. Also Univ. Hosp. Bull., Ann Arb., 1938, 4: 60. Also Arch. Neur. Psychiat., Chic., 1939, 42: 842-61.—**Miyagawa, R.** Zur Frage der Mesoglia im Gliom. Mitt. Med. Akad. Kioto, 1934, 11: 623.

— Pathology.

KINDLER [F.] A. *Pathologie und Klinik der in den Liquor metastasierenden Gliome [Erlangen] 40p. 8°. Nürnberg, 1936.

MEDAKOVITCH, G. *Contribution à l'étude anatomique du gliome. 80p. 8°. Par., 1922.

Awzen, A. P. Du type spécial des tumeurs méningeuses non mûries du système nerveux central (un cas de mésoglioblastome) Acta med. scand., 1935-36, 87: 470-86.—**Corvin, A.** Befund von Bernsteinäure im Zysteninhalt eines Glioms. Wien. klin. Wschr., 1922, 35: 178.—**Courville, C. B.** Ganglioglioma; tumor of the central nervous system; review of the literature and report of 2 cases. Arch. Neur. Psychiat., Chic., 1930, 24: 439-91.—**Elsberg, C. A., & Hare, C. C.** The blood supply of the gliomas; its relation to the tumor growth and its surgical significance. Bull. Neur. Inst. N. York, 1932, 2: 210-46.—**Elvidge, A., Penfield, W., & Cone, W.** The gliomas of the central nervous system; a study of 210 verified cases. Proc. Ass. Res. Nerv. Ment. Dis., 1937, 16: 107-81.—**Flock, H.** Ueber die Häufigkeit der Gliome. Frankf. Zschr. Path., 1936-37, 50: 289-303.—**Groff, R. A.** The dissemination of glioma by extension at a distance. Am. J. Cancer, 1937, 29: 651-8.—**Henschen, F.** Referat über Gliome. Verh. Deut. path. Ges., 1934, 27: 8-39. [Discussion] 67-77.—**Horányi-Hechst, B., & Szatmári, A.** Ueber regressive Vorgänge in Gliomen. Mschr. Psychiat., 1936-37, 94: 347-59.—**Kimura, O.** Ueber das sog. Riesenzellengliom; ein Beitrag zur Kenntnis des Glioma gangliocellulare. Verh. Jap. path. Ges., 1918, 8: 261-4.—**Leriche, R.** Les syndromes réflexes du neurogliome dans les sections nerveuses anciennes non physiologiquement réparées. J. chir., Par., 1939, 54: 304-19.—**Meyer, O.** Ein besonderer Typus von Riesenzellengliom. Frankf. Zschr. Path., 1913, 14: 185-203, 2 pl.—**Oldberg, E.** Hemorrhage into gliomas; a review of 832 consecutive verified cases of glioma. Arch. Neur. Psychiat., Chic., 1933, 30: 1061-73. Also repr.—**Paul, F.** Beitrag zur Histopathologie der Gangliogliome und des Zentralnervensystems. Beitr. path. Anat., 1926, 75: 221-8, pl.—**Pennacchietti, M.** Formazioni cavitare e cistiche dei gliomi; rivista critica anatomoclinica con descrizione di 8 casi originali. Neopsichiatria, Pisa, 1938, 4: 499-590.—**Penyigey,**

Maneur, V. [Transplantation of glioma from man to mouse] *Gyógyászat*, 1935, 75: 62-4.—**Perkins, O. C.** Ganglioglioma. *Arch. Path., Chic.*, 1926, 2: 11-7.—**Reynolds, F. E., & Slater, J. K.** Ueber die Pathologie der Gliome. *Virehows Arch.*, 1931, 282: 772-89.—**Russell, D. S.** The occurrence and distribution of intranuclear inclusion bodies in gliomas. *J. Path. Bact., Lond.*, 1932, 35: 625-34. Also repr.—**Scherer, H. J.** Etude sur les gliomes; les rapports de la croissance gliomateuse avec l'appareil vasculaire. *Bull. Ass. fr. cancer*, 1937, 26: 274-313. — **Gliomstudien; angioplastische Gliome.** *Virehows Arch.*, 1934-35, 294: 823-61.—**Schuster, G.** [Glioma with spinal and intracranial metastasis] *Gyógyászat*, 1937, 77: 255.—**Smirnov, L. J.** Ueber die mit epithelähnlichen Belegen umhüllten Cysten in Gliomen. *Arch. Psychiat., Berl.*, 1927, 81: 641-58. — Ueber die bösartigen Gliome. *Arch. Psychiat., Berl.*, 1928, 83: 145-204.—**Wästen, J.** Ein Gangliogliom des Zentralnervensystems. *Virehows Arch.*, 1930, 277: 441-65.—**Wallenberg, M.** Ueber reaktive Veränderungen der Gliazellen in Gliomen. *Zschr. ges. Neur. Psychiat.*, 1934, 151: 729-39.—**Zenoni, C.** Neuroglioma gigantocellulare pseudoganglionare. *Atti Soc. lombard. sc. med.*, 1924, 13: 327-31.—**Zülch, K. J.** Ueber die Pathologie der Gliome. *Fortschr. Neur. Psychiat.*, 1939, 11: 121-37. — Die Gefäßversorgung der Gliome. *Zschr. ges. Neur. Psychiat.*, 1939, 167: 585-92.

Pseudoglioma.

See **Retina, Glioma: Diagnosis.**

Schwannoma.

See **Nerve-sheath, Tumor.**

Spongioblastoma.

Globus, J. H. Die Umwandlung gutartiger Gliome in bösartige Spongioblastome; ein Beitrag zur Frage der gliogenen Geschwülste des Nervensystems. *Zschr. ges. Neur. Psychiat.*, 1931, 134: 325-60.—**Ribbert, H.** Ueber Spongioblastom und Gliom. *Deut. med. Wschr.*, 1917, 43: 923. Also *Virehows Arch.*, 1918, 225: 195-213.—**Russell, D. S., & Bland, J. O. W.** Further notes on the tissue culture of gliomas with special reference to Bailey's spongioblastoma. *J. Path. Bact., Cambr.*, 1934, 39: 375-80, 2 pl. Also repr.—**Savenko, S. N.** [Spongioblastosis diffusa] *Sovet. psikhonevr.*, 1937, 13: 29-36.—**Yealand, L. R.** Giant-celled glioma (giant-celled spongioblastoma multiforme) *Proc. R. Soc. M., Lond.*, 1926-27, 20: Sect. Neur., 17-20.

Treatment.

Bailliar, P., Bellot, A., & Tillé, H. Histoire d'un cas de gliome bilatéral traité par le radium. *Ann. ocul., Par.*, 1940, 177: 136.—**Frazier, C. H., & Alpers, R. J.** The effect of irradiation on the gliomas. *Proc. Ass. Res. Nerv. Ment. Dis.*, 1937, 16: 68-106. Also *Am. J. Roentg.*, 1937, 38: 203-37.—**Kindt, P.** [Statistics on melanosis and glioma; investigations of prognoses for surgically treated malignant tumors, based upon data on melanosis and glioma of the eye] *Ugeskr. laeger*, 1940, 102: 527-34.—**Müller, W.** Aenderung des Gewebscharakters nicht radikal operierter Gliome. *Zschr. ges. Neur. Psychiat.*, 1933, 148: 469-77.—**Pereyra Käfer, J., & Morea, R.** Estudio clínico-quirúrgico e inyección de lipiodol en un glioma quístico; radioterapia; resultado a los 26 meses después de la intervención. *Sem. méd.*, B. Air., 1938, 45: 856-67.—**Tarlov, I. M.** Effect of roentgenotherapy on gliomas. *Arch. Neur. Psychiat., Chic.*, 1937, 38: 513-36.

GLIOSIS.

See also **Brain, Sclerosis; Cerebellum, Sclerosis; Sclerosis multiplex, &c.**

HEGEMANN, F. *Pathologisch-anatomische Beobachtungen an einem Prozess von diffuser Gliose. 17p. 22½cm. Münster, 1936.

Agostini, C. Sui rapporti tra la gliomatosi centrale e quella periferica in riferimento alla dottrina delle neuro-ecto-dermosi. *Riforma med.*, 1934, 50: 1679-85.—**Guillain, G., Bertrand, I., & Péron, N.** Gliomatose simultanée intra et extra-médullaire. *Rev. neur., Par.*, 1928, 35: 193-202.—**Pines, J. L.** Zur Lehre von der diffusen reaktiven Gliombildung. *Schweiz. Arch. Neur. Psychiat.*, 1922, 10: 289-304.—**Pommer, G.** Ein Beitrag zur Kenntnis der isomorphen Gliose. *Virehows Arch.*, 1931, 280: 204-14.

GLISSON, Francis, 1597-1677.

[Biography] *Clin. M. & S.*, 1932, 39: 411-3, portr.—**Little, E. M.** Glisson as an orthopaedic surgeon. *Proc. R. Soc. M., Lond.*, 1925-26, 19: Sect. Hist. M., 111-22.—**Iturrah, J.** [Biography] *Am. J. Dis. Child.*, 1929, 37: 832-6.

GLISSON'S capsule.

See **Liver.**

GLITSCH, Waldemar, 1904— *Ueber die vitalgefärbten Erythrocyten (Retikulyocyten) und

ihre diagnostische und prognostische Bedeutung [Kiel] p.692-710. 8°. [Berl., J. Springer] 1930. Also *Zschr. ges. exp. Med.*, 1930, 73:

GLOAGUEN, Maurice, 1908— *Contribution à l'étude des épithéliomas multiples des voies aéro-digestives supérieures. 52p. 8°. Lyon, Bosc frères, 1935.

GLOBIDIOSIS.

See also **Edema—in animals; Sarcosporidiosis.**

Bennett, S. C. J. Globidium infections in the Sudan. *J. Comp. Path., Lond.*, 1933, 46: 1-15, 7 pl.—**Berthelon & Labeyrie.** Observations sur l'anasarque des bovidés. *Rec. méd. vét.*, 1938, 114: 321-5.—**Cuillé, J., & Chelle, P. L.** Nouvelles recherches sur la transmission expérimentale de la maladie appelée anasarque des bovidés (globidiosis écutané du boeuf) *Bull. Acad. méd., Par.*, 1937, 3. ser., 118: 217-9. — Recherches sur les modes de l'infestation naturelle, de l'anasarque (globidiosis) des bovidés. *Ibid.*, 449-52. — **Berlureau, F.** Transmission expérimentale de la maladie dénommée sarcosporidiose écutané du boeuf (Besnoit et Robin) et déterminée par Globidium besnoiti. *Ibid.*, 1936, 3. ser., 115: 161-3.—**Houdemer.** Observations au sujet d'une épizootie de gourme au Tonkin, de l'étiologie de l'anasarque et du traitement de la streptococcie gourmeuse. *Bull. Acad. vét. France*, 1932, 5: 459.

GLOBIDIUM.

See also **Cnidosporidia; Globidiosis; Sarcosporidia.**

Babudieri, B. Sur la position systématique de Globidium mucosae. *Ann. parasit., Par.*, 1934, 12: 286-8.—**Coutelen, F.** Sur la position systématique de Globidium mucosum (R. Blanchard, 1885) parasite du kangourou des rochers Macropus (Petrogale) penicillatus. *Ibid.*, 1933, 11: 1-6, pl. — Sur les formes jeunes de Sarcocystis mucosae (Blanchard 1885) parasite des kangourous; localisation primitive de cette sarcosporidie dans les fibres musculaires lisses de l'intestin. *Ibid.*, 201-5, pl. — A propos de la position systématique de Globidium mucosum (R. Blanchard 1885) Nöller 1920. *Ibid.*, 1935, 13: 147-54.—**Harant, H., & Cazal, P.** Remarques sur le genre Globidium: Globidium navillei n. sp. parasite de la couleuvre. *Ibid.*, 1934, 12: 162-9.—**Henry, A., & Masson, G.** Coccidies (Globidium) parasites du tissu conjonctif, chez le cheval. *Bull. Acad. vét. France*, 1932, 5: 461-4.

GLOBIGERINA.

See **Foraminifera.**

GLOBIN.

See also **Hemoglobin; Histone; Protid.**

Adair, G. S., & Roche. Recherches sur le poids moléculaire de la globine de Mme J. diverses héoglobines. *C. rend. Acad. sc.*, 1932, 195: 1433-5.—**Anson, M. L., & Mirsky, A. E.** Protein coagulation and its reversal; the preparation of insoluble globin, soluble globin and heme. *J. Gen. Physiol.*, 1929-30, 13: 469-76. — The reactions of cyanide with globin hemochromogen. *Ibid.*, 1931, 14: 43-54. — Protein coagulation and its reversal; globin. *Ibid.*, 605-9.—**Bauer, H., & Strauss, E.** Beiträge zur Kenntnis substituierter Proteine; Nitrierung und Jodierung des Globins. *Biochem. Zschr.*, 1929, 121: 163-90. — Jodierungen des Hämoglobins und des Globins. *Ibid.*, 1936, 284: 197-230. — Ueber die Jodierung des Nitroglobins. *Ibid.*, 231-7.—**Beach, E. F., Bernstein, S. S.** [et al.] Total sulfur, cystine, and methionine content of blood globins of 5 mammalian species. *J. Biol. Chem.*, 1939, 130: 115-9.—**Felix, K., & Kahlert, O.** Ein Beitrag zur Kenntnis des Globins. *Zschr. physiol. Chem.*, 1932, 212: 157-60.—**Hamzik, A.** Sur la globine. *C. rend. Soc. biol.*, 1930, 104: 243. Also *Spisy Lék. Fak. Masaryk. Univ.*, 1930, 8: 115-25.—**Haurowitz, F.** Versuche zur partiellen Hydrolyse des Globins. *Zschr. physiol. Chem.*, 1926, 162: 41-62. — Ueber Globin und seine hämatische Gruppe. *Ibid.*, 1935, 232: 146-58.—**Hektoen, L., & Schulhof, K.** Bemerkungen zu Ottensooser und Strauss: Immunochemische Untersuchungen über Globin und Globinderivate. *Biochem. Zschr.*, 1929, 204: 125.—**Herzog, A.** Ueber die eisenhaltige Komponente des Blutfarbstoffes und ihre Synthese mit Globin zu Hämoglobin; vorläufige Mitteilung. *Ibid.*, 1933, 260: 213. — Ueber die prosthetische Gruppe des Blutfarbstoffes, deren kristallinische Isolierung und deren Synthese mit nativem Globin zu Hämoglobin. *Ibid.*, 264: 412-30.—**Holden, H. F.** The combination of denatured globin with haematin, and with proto-porphyrin. *Austral. J. Exp. Biol.*, 1938, 16: 153-7. — **Freeman, M.** On globin and denatured globin. *Ibid.*, 1928, 5: 213-22.—**Ishiyama, N.** Zur Kenntnis der Chromoproteide; über das Säurebindungsvermögen des Globins. *Zschr. physiol. Chem.*, 1928, 176: 294-300.—**Johnson, C. A., & Bradley, W. B.** Preparation and antigenic properties of globins from hemoglobins of different

species. *J. Infect. Dis.*, 1935, 57: 70-3.—**Laporta, M.** Ricerche sulla globina. *Boll. Soc. Ital. biol. sper.*, 1931, 6: 708-11. — Punto isoelettirico e costanti di dissociazione delle globina naturale e denaturata. *Arch. sc. biol., Bologna*, 1931-32, 16: 575-88. Also *Austral. J. Exp. Biol.*, 1932, 9: 69-81.—**Meldrum, N. U.** A note on denatured globin. *Biochem. J.*, Lond., 1932, 26: 162-4.—**Ottensmeyer, F., & Strauss, E.** Immunochemische Untersuchungen über Globin und Globinderivate. *Biochem. Zschr.*, 1928, 193: 426-63.—**Polettini, B.** Sul potere anafialtico della globina; ricerche sperimentali. *Boll. Ist. sieroter. milan.*, 1929, 8: 283-91. Also *Boll. Sez. ital. Soc. internaz. microb.*, 1929, 1: 107. Also *Biochim. ter. sper.*, 1930, 17: 218-24.—**Robscheit-Robbins, F. S., & Whipple, C. H.** Globin utilization by the anemic dog to form new hemoglobin. *J. Exp. M.*, 1937, 66: 565-78. Also repr.—**Roche, J.** Sur la combinaison de l'hémine à la globine. *C. rend. Soc. biol.*, 1928, 99: 1971-3. — Sur quelques propriétés physico-chimiques de la globine. *Arch. phys. biol.*, Par., 1928-29, 7: 165-79. Also *C. rend. Acad. sc.*, 1929, 189: 378-80. — Recherches sur les globines; sur le rôle des hémoglobines et des globines dans la spécificité des pigments hématologiques. *Bull. Soc. chim. biol.*, Par., 1933, 15: 110-29. — & **Bendrihem, A.** Combinaison de la globine avec des hémoglobines d'origines diverses. *C. rend. Acad. sc.*, 1931, 193: 324-6.—**Roche, J., & Bénévent, M. T.** Contribution à l'étude des cytochromes; sur les hémoglobines et leur combinaison aux globines. *Bull. Soc. chim. biol.*, Par., 1937, 19: 642-8.—**Roche, J., & Combette, R.** Recherches sur les globines; combinaison des globines à la protohémoglobine et poids moléculaire des hémoglobines artificielles. *Ibid.*, 627-41.—**Roche, J., & Dubouloz, P.** Sur la spécificité des globines dans les hémoglobines. *C. rend. Soc. biol.*, 1933, 113: 317-9. — & **Jean, G.** Recherches sur les globines; sur la spécificité du constituant protéique des hémoglobines. *Bull. Soc. chim. biol.*, Par., 1934, 16: 757-68.—**Roche, J., Roche, A.** [et al.] The osmotic pressure of globin. *Biochem. J.*, Lond., 1932, 26: 1811-28.—**Schenck, E. G.** Untersuchungen über das Globin bei Tieren, gesunden und kranken Menschen; ein Beitrag zur Kenntnis der dynamischen Konstitution des Hämoglobins. *Arch. exp. Path., Lpz.*, 1930, 150: 160-72.—**Troensegaard, N.** Zur Darstellung von Globin und Gliadin. *Zschr. physiol. Chem.*, 1931, 199: 129-32.—**Went, L., Rex-Kiss, B., & Zsador, B.** Ueber die Art- und Organspezifität des Globins, mit Rücksicht auf die Verwendbarkeit von Globin-Immunsera für forensische Zwecke. *Deut. Zschr. gerichtl. Med.*, 1938, 30: 64-72. [The species and organ specificity of the globin and the use of globin immunsera for forensic blood-tests] *Magy. orv. arch.*, 1939, 40: 338-45.—**Wu, H.** Preparation of globulin. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 741-4.

GLOBOCEPHALUS.

See also *Ancylostomidae*.

Smit, H. J., & Ihle, J. E. W. *Globocephalus amucronatus* (Smit et Notoosodiro) *Zbl. Bakt.*, 2. Abt., 1928, 75: 1-4.—**Teixeira de Freitas, J. F., & Lent, H.** Estudo sobre o genero *Globocephalus* molin, 1861 (Nematoda: Strongyloidea) *Mem. Inst. Oswaldo Cruz*, 1936, 31: 69-79, 2 pl.

GLOBOID bodies.

See *Cancer*; *Poliomyelitis*; *Virus*.

GLOBULIN.

See also *Blood protein*, *Albumin-globulin ratio*; *Blood protein*, *Globulin*; also names of substances and proper names of globulins as *Amygdala*; *Edestin*; *Egg*; *Lactoglobulin*; *Myosin*, &c.

SPIEGEL, A. S. A. *Die Globuline*. 452p. 8°. Dresd., 1930.

Adolf, M. *Physikalische Chemie der Globuline*; über das Verhalten von Säure- und Laugenglobulin bei Salzzusatz. *Kolloid Beihfte*, 1925-26, 21: 241-81.—**Astbury, W. T., Dickinson, S., & Bailey, K.** The X-ray interpretation of denaturation and the structure of the seed globulins. *Biochem. J.*, Lond., 1935, 29: 2351-60, pl.—**Aubry, Thiodet & Ribère.** Modifications humorales et immunité croisée consécutives au choc par injections intradermiques de globulines. *C. rend. Soc. biol.*, 1936, 121: 1528-30.—**Aynaud, M.** Action du sérum antiglobulin in vivo. *Ibid.*, 1913, 74: 193-5. — Sur le sérum antiglobulin; réponse à P. Pagnier. *Ibid.*, 275-8.—**Bierly, H., Andrac, M., & Gouzon, B.** Différence de comportement des réagins et des hémoglobines vis-à-vis de certaines globulines. *Ibid.*, 1939, 132: 153-5.—**Doladilhe, M.** Contribution à l'étude d'un des constituants des acido-globulines: la protéine C. *C. rend. Acad. sc.*, 1936, 202: 1385-7. — Sur la dissociation de la globuline en 2 constituants nettement différenciés: l'hémoglobuline et la protéine visqueuse. *Ann. Inst. Pasteur, Par.*, 1937, 59: 624-51. Also *C. rend. Soc. biol.*, 1937, 125: 409.—**Fodor, A., & Mayer, K.** Ueber Alkoholschle des Erbsenglobulins. *Kolloid Zschr.*, 1927, 41: 326-30.—**Hamazaki, Y.** Ueber die Karyopathologie; Globulinbild des Zellkerns. *Tr. Soc. path. jap.*, 1939, 29: 123-7.—**Harvey, C. C.** The excretion of squash seed globulin and blood proteins in the urine after intravenous injection of crystallized squash seed

globulin. *J. Lab. Clin. M.*, 1939-40, 25: 1048-56.—**Immune globulin, human.** *J. Am. M. Ass.*, 1939, 112: 1257; 113: 41; 1229.—**Kendall, F. E.** Some chemical properties of normal serum globulins. *J. Bact.*, Balt., 1940, 39: 34.—**Kodama, K.** On the solubility of globulin in neutral salt solution. *J. Biochem.*, Tokyo, 1922, 1: 419-32.—**L., L.** Aperçu des connaissances actuelles sur la morphologie et le rôle physiologique du globulin. *Biol. méd., Par.*, 1912, 10: 45-65.—**Leontjev, H.** Ueber die Identität der Globuline aus den Samen einiger Cucurbitaceen. *Biochem. Zschr.*, 1934, 274: 163-6.—**McKhann, C. F.** Immune globulin; human. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 7: 527-33.—**McKinley, E. B.** Correlation of toxicity of normal globulins with increased partition of mid and end-piece of alexin. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 363-6.—**Meyer, J. R.** A propos de l'action des globulines sur le développement du lymphosarcome transplantable de la souris. *C. rend. Soc. biol.*, 1930, 103: 1322.—**Nugent, R. L., & Towle, L. W.** Albumin-globulin ratios in synthetic solutions from specific gravity and relative viscosity measurements. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 374-8.—**Oelkers, H. A.** Zur Frage der Globulinbildung aus Albumin durch Heparin. *Klin. Wschr.*, 1933, 12: 191.—**Present status of immune globulin, human.** *J. Am. M. Ass.*, 1938, 111: 1764-6.—**Salter, W. T.** Certain physico-chemical characteristics of muscle globulin. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 116-9.—**Spiegel-Adolf, M.** Neue Beiträge zur Frage der Eiweissdenaturierung; Einfluss von Hitze und ultraviolettem Licht auf die Rotationsdispersion von Pseudoglobulinlösungen. *Biochem. Zschr.*, 1929, 213: 475-88.—**Sumner, J. B., & Howell, S. F.** The isolation of a fourth crystallizable jack bean globulin through the digestion of canavalin with trypsin. *J. Biol. Chem.*, 1936, 113: 607-10. Also repr.—**Wells, H. G., Lewis, J. H., & Jones, D. B.** Immunologic reactions of the globulins from the seeds of leguminous plants; the biologic reactions of the vegetable proteins. *J. Infect. Dis.*, 1927, 40: 326-42. Also repr.

GLOBULINURIA.

See *Albuminuria*.

GLOBUS, Joseph Haim, 1884- A laboratory aid for the study of neuro-anatomy. 2. ed. rev. 64 pl. obl. 4°. N. Y., P. B. Hoeber, 1925.

— The same. *Neuroanatomy; a laboratory guide*. 4. ed. 48p. 66 pl. 4°. N. Y., P. B. Hoeber, 1929. Also 5. ed. xiv, 34p. 37-93 l. 1930. Also 6. ed. xv, 240p. illust. pl. roy. 8°. Balt., W. Wood & Co., 1934.

— *Practical neuroanatomy; a textbook and guide for the study of the form and structure of the nervous system adapted to the needs of the student and practicing physician*. xxi, 387p. illust. 55 pl. roy. 8°. Balt., W. Wood & Co., 1937.

GLOBUS hystericus.

See also *Anxiety neurosis*; *Hysteria*.

Bilz, R. Ueber einen Fall von Globus bei Magen-neurose. *Internat. Zschr. Psychoanal.*, Wien, 1930, 16: 261-6.—**Glas-scheib, A.** Ueber die Ursachen des sogenannten Globus hystericus. *Wien. med. Wschr.*, 1927, 77: 1031.—**Sinamark, A.** *Globus hystericus*. Minnesota M., 1932, 15: 767-70.

GLOCK, Heinrich. *Rasseverwandtschaft und Eiweissdifferenzierung [Bern] p.385-415. 8°. Erlangen, Junge & Sohn, 1914.

Also *Biol. Zbl.*, 1914, 34:

GLOCK, Willi, 1911- *Kymogramm und Kollapstherapie der Lungentuberkulose [Heidelberg] 18p. 3 pl. 21cm. Gütersloh, Thiele, 1936.

GLOCOTILA.

See *Gallionella*.

GLOTT, Milton. *Zur Kenntnis der Pyoderma chronica papillaris et exulcerans. 30p. 2 pl. 8°. Stetten/Basel, K. Schahl, 1936.

GLOECKLE, Richard, 1909- *Ueber die Trinkwasserversorgung und Abwasserbeseitigung auf dem Lande und deren praktische Verbesserungsfähigkeit (nach Erhebungen im Amtsbezirk Emmendingen) 61p. 8°. Freib. i. B., Mühlhans & Rapp [1935]

GLOECKNER, Ursula, 1913- *Fieber im Wochenbett. 23p. 8°. Lpz., A. Edelmann, 1937.

GLOEGGLER, Anton, 1910—*Zur Behandlung der juvenilen Blutungen [München] 19p. 22cm. Düsseldorf, G. H. Nolte, 1937.

GLOESS, Willy, 1899—*Die Invaliditätsverhältnisse im Sinne der Reichsversicherungsordnung bei der Sächsischen Knappschaft seit 1925 [Berlin] 39p. 8°. Chemnitz, K. Buchner, 1931.

GLOGGENGIESSER, Werner, 1908—*Isthmusatresie der Aorta mit sogenannter aufsteigender primärer Klappensklerose des Aortenostiums. 15p. 8°. Münch., C. Wolf & Sohn, 1936.

GLOGGER, Gotthard, 1900—*Tod der Mütter in der Universitäts-Frauenklinik zu München vom 1. Januar 1911 bis 31. Dezember 1925. 18p. 2 ch. 8°. Münch., Gebr. Pareus [1926]

GLOGNER, Max. Phylogenese und Geschwulstentstehung. 32p. 8°. Lpz., J. A. Barth, 1933.

— Welche Bedeutung besitzt die Lehre von den einzelligen Organismen für die Lösung des Krebsproblems? 32p. pl. 8°. Radebeul, Kupky & Dietze, 1937.

GLOGOWSKI [Franz] Helmut, 1907—*Atypische Fälle von manisch-depressivem Irresein [Leipzig] 32p. 8°. Zeulenroda, A. Oberreuter, 1933.

GLOGOWSKI, Leo, 1908—*Klinik der Salvarsandermatitis und ihr Einfluss auf den Verlauf der Syphilis. 56p. 8°. [Bresl., n. pub., 1938]

GLOKER, Karl, 1900—*Das Buch über die Zähne von Bartholomäus Eustachius. 43p. 21cm. Münch., C. Wolf & Sohn, 1938.

GLAUDAUD, Georges, 1904—*Microdosage du magnésium par l'o-oxyquinoléine dans le sang et les milieux biologiques. 56p. 24½cm. Par., A. Legrand, 1939.

GLOMBITZA, Kurt, 1905—*Was leistet die Zangemeister'sche Schwangerschaftsreaktion? 15p. 8°. Greifsw., H. Adler, 1933.

GLOMERULONEPHRITIS.

See also Nephritis; also in 3. ser. Kidney, Inflammation, glomerular.

PUELMA CRUCHAGA, V. *Estudio de las glomerulo-nefritis aguda en el adulto [Chile] 28p. 8°. Santiago, 1934.

Anderson, D. Case study: acute glomerulonephritis. Am. J. Nurs., 1936, 36: 1149-52.—**Archibald, H. C.** Glomerular nephritis; case studies. Arch. Pediat., N. Y., 1937, 54: 82-7.—**Brandts, M.** [Glomerulonephritis] Latv. arstu Z., 1927, 154-9.—**Buinewitsch, K.** Drei Fälle von Glomerulonephritis. Med. Welt, 1938, 12: 774.—**Ceconi, A.** Glomerulonefrite acuta. Minerva med., Tor., 1927, 7: 416-30.—**Chabanier, H., & Lobo-Onell, C.** Les glomerulonephrites. Arch. mal. reins, 1935-36, 9: 129; 257; 513.—**Folkers, L. M.** Acute glomerular nephritis: a report of 68 cases. J. Iowa M. Soc., 1935, 25: 552.—**Frank, A.** Die Glomerulonephritis des Kindes. Zschr. ärztl. Fortbild., 1938, 35: 11-4.—**Moschcowitz, E.** The natural history of acute glomerulonephritis. N. England J. M., 1930, 202: 320-4.—**Oberling, C., & Hoerner, G.** Les glomerulo-nephrites. Arch. mal. reins, 1935-36, 9: 1-46.—**Scales, C.** A case of glomerulonephritis. J. R. Army M. Corps., 1934, 63: 190-3.

— Blood, and cardiovascular system.

See also Blood pressure, high.

Alsina Bofill, J. El corazón en la fase aguda de la glomerulonefritis. Med. ibera, 1935, 29: 906-10.—**Anott, W. M., & Matthew, G. D.** The nature of the arteriolar hypertonicity in acute glomerulo-nephritis. Q. J. Med., Oxf., 1939, 8: 353-60.—**Bolman, R. M.** Dystrophic calcification of the myocardium with glomerulonephritis. Arch. Path., Chic., 1940, 30: 602-6.—**Brown, G. E., & Rowntree, L. G.** Blood volume in edema of glomerular nephritis and nephrosis. Arch. Int. M., 1928, 41: 44-60.—**Cantarow, A., & McCool, S. G.** Plasma cholesterol concentration in glomerulonephritis and other terminal states. Am. J. Clin. Path., 1935, 5: 516-31.—**Cossio, P., Arana, R., & Kreutzer, R.** Alteraciones del electrocardiograma en la glomerulonefritis difusa aguda. Rev. argent.

card., 1939-40, 6: 283-98.—**Dimov, S. G.** [Contents of the complement in the blood serum in acute, diffuse glomerulonephritis] Sovet. med., 1937, No. 9-10, 28-30.—**Filo, E.** [Changes in the blood in acute glomerulonephritis] Sborn. lék., 1936, 38: 533-46. — Ueber Blutbildveränderungen bei akuten Glomerulonephritiden. Fol. haemat., Lpz., 1937, 57: 39-51.—**Ginsberg, J.** Heart failure in acute glomerulo-nephritis. Hosp. News, Wash., 1939, 6: No. 21, 1-14, 3 fig.—**Kylin, E.** Ueber den kolloidosmotischen Druck des Blutes und der Oedemflüssigkeit bei akuten Glomerulonephritiden und Graviditätsnephritiden. Zschr. ges. exp. Med., 1930, 73: 328-42.—**Levy, I. J.** The cardiac response in acute diffuse glomerulonephritis. Am. Heart J., 1929-30, 5: 277-90.—**Longcope, W. T.** Cardiovascular reactions in glomerular nephritis. Arch. Path., Chic., 1940, 29: 575-7.—**Lytle, J. D., Seegal, D. [et al.]** The antistreptolysin titer of the serum in acute glomerulonephritis. Tr. Am. Pediat. Soc., 1938, 50: 42. Also Am. J. Dis. Child., 1938, 56: 705. Also J. Clin. Invest., 1938, 17: 631-9. — & **Jost, E.** Antistreptolysin titer in acute glomerulonephritis. Am. J. Dis. Child., 1935, 50: 808.—**Masel, J. I.** [Changes in the blood in acute diffuse glomerulonephritis] Ter. arkh., 1936, 14: 315-24.—**Miske, B., & Otto, W.** Das Blutbild bei chronischer Glomerulonephritis und genuiner Schrumpfnier. Fol. haemat., Lpz., 1936, 55: 182-94.—**Ogawa, S., & Sato, Y.** Ueber das Verhalten des Komplementgehaltes im Serum im Laufe der experimentellen Glomerulonephritis. Tr. Soc. path. jap., 1938, 28: 212-8.—**Poppi, A.** Segni elettrocardiografici e clinici di sofferenza cardiaca nel corso della glomerulonefrite acuta. Arch. pat., Bologna, 1938-39, 18: 271-91.—**Prado, S., & Lins, Filho.** Sobre 2 casos de glomerulonefrite aguda com gravissimos disturbios circulatorios. Med. cir. pharm., Rio, 1939, 519-34.—**Richter, A. B., & O'Hare, J. P.** The heart in chronic glomerular nephritis. N. England J. M., 1936, 214: 824-30.—**Rubin, M. I., & Rapoport, M.** Some observations on hypertension in acute glomerulonephritis. Med. Today, 1938, 1: 61.—**Seegal, D., & Lytle, J. D.** Antistreptolysin titre of the serum in acute glomerular nephritis. Proc. Soc. Exp. Biol., N. Y., 1933, 31: 211-3.—**Thomson, S. Arnot, W. M., & Matthew, G. D.** Blood complement in acute glomerulonephritis and toxæmia of pregnancy. Lancet, Lond., 1939, 2: 734-6.

— Clinical aspect.

Bercoff, S. Capillaroscopia en la glomerulonefritis aguda. Dia méd., B. Air., Ed. espec., 1939, 190-2.—**Dennett, R. H., & Myron, C. H.** An unusual case of glomerular nephritis with uremia. J. Pediat., S. Louis, 1935, 7: 40-3.—**Evans, T. S.** A case of glomerulonephritis with 3 azotemic episodes. N. England J. M., 1935, 212: 547-51.—**Gaeta, R.** Glomerulonefrite acuta a decorso epidemico. Gazz. osp., 1929, 50: 1325.—**Geldrich, J.** [Abortive types of glomerulonephritis] Orv. hetil., 1939, 83: 1056. Also Deut. med. Wschr., 1939, 65: 1654-8.—**Goldring, W., & Smith, H. W.** Differentiation of glomerular and tubular function in glomerular nephritis. Proc. Soc. Exp. Biol., N. Y., 1937-38, 37: 180-2.—**Hückel, R.** Perakut verlaufende Glomerulonephritiden. Deut. med. Wschr., 1938, 64: 217-9.—**Illingworth, R. S.** Case of glomerulonephritis 11 years after double Edebohl's operation. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Stud. Dis. Child., 1169-71.—**Leavell, B. S., Beckwith, J. R., & Wood, J. E., jr.** Acute glomerulonephritis; observations on clinical course, prognosis and treatment. Virginia M. Month., 1939, 66: 226-35.—**Marcolongo, F.** Sull'ipostenuria nelle glomerulonefriti acute. Clin. med. ital., 1934, 65: 541-82.—**Moschcowitz, E.** The latent or albuminuric phase of glomerulonephritis; report of a case of 35 years duration. J. Mount Sinai Hosp. N. York, 1937-38, 4: 993-6.—**Murphy, F. D., & Rastetter, J. W.** Acute glomerulonephritis with special reference to the course and prognosis; a study of 150 cases. J. Am. M. Ass., 1938, 111: 668-74.—**O'Hare, J. P.** Clinical observations on glomerulonephritis. Med. Ann. District of Columbia, 1936, 5: 199-202.—**Saldún de Rodríguez, M. L., & Giampietro, J.** Glomerulonefritis urémica aguda a forma meningea. Arch. argent. pediat., 1940, 13: 527.—**Shklier, B. S.** [Determination of the degree of increase of the permeability of the glomerular membrane in albuminuria] Radianska med., 1940, 5: No. 4, 7-15.

— Complication.

Bell, E. T. Glomerular lesions associated with endocarditis. Am. J. Path., 1932, 8: 639-64, 3 pl.—**Christian, H. A.** Long-continued fever with inflammatory changes in serous and synovial membranes and eventual glomerulonephritis; a clinical syndrome of unknown etiology. Med. Clin. N. America, 1935, 18: 1023-6.—**Dondi, G.** Pseudourema eclamptica con reazione meningea infanuntorio in corso di glomerulonefrite acuta. Pediatria (Riv.) 1936, 44: 910-20.—**Eisenoff, H. M.** Focal hemorrhagic nephritis with unusual complications; report of case. Arch. Pediat., N. Y., 1935, 52: 191-200.—**Fernández, J. G., Carri, M. A. [et al.]** Dos casos de uremia grave por lesión glomerulonefritica en la infancia. Sem. méd., B. Air., 1938, 45: pt 2, 123-7.—**Gravano, L., Bianchetti, S. L., & Latienda, R. I.** Toxicosis capilar hemorrágica en una glomerulonefritis subaguda; apoplejia suprarrenal bilateral y púrpura cutánea. Rev. As. méd. argent., 1938, 52: 764-8.—**Jump, H. D.** Chronic glomerular nephritis, mild nephrosis, hypertension, heart failure and pericarditis. Med. Clin. N. America, 1935, 19: 171-6.—**Landau, A., & Held, J.** Néphrotypus; glomerulonephrite hémorragique avec néphrite hydropigène. Bull. Soc.

méd. hôp. Paris, 1936, 3. ser., 52: 1225-9.—**Micheli, F.** Glomerulonefrite acuta con pseudonefritide eclamptica e reazione del liquor a tipo infiammatorio. *Minerva med.*, Tor., 1933, 24: pt 2, 494-500.—**Neiman, B.** Subacute glomerulo-nephritis and circumscribed cystic serous meningitis. *Bull. Chicago M. Soc.*, 1935, 38: 365.—**Pangaro, J. A., & Iacovone, R. C.** Hidrotórax interlobar in un caso de glomerulonefritis de forma nefrótica. *Sem. méd.*, B. Air., 1940, 47: pt 2, 377-80.

— diffuse.

ALIAGA SANTOS, C. *Contribución al estudio de la glomerulonefritis isquémica difusa [Chile] 96p. 8° Santiago, 1931.

BORST, J. G. G. *Over experimenteele diffuse glomerulo-nephritis [Amsterdam] 215p. 8° Amst., 1929.

Bernard, E., Laudat, M., & Gauthier-Villars, L. Etude anatomo-clinique et physiopathologique d'un cas de glomerulonephrite subaiguë mortelle chez une tuberculeuse. *Bull. Soc. méd. hôp. Paris*, 1937, 3. ser., 53: 161-71.—**Chabanier, H., Lobo-Onell, C., & Lelu, E.** Sur la glomerulonephrite diffuse subaiguë. *Presse méd.*, 1935, 43: 1189-92.—**Elwyn, H.** Subacute glomerulonephritis. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 8: 465.—**Geldrich, J.** Ueber die chronische Nephritis im Kindesalter; die diffuse Glomerulonephritis. *Jahrb. Kinderh.*, 1933, 3. F., 91: 135-59.—**Herringham, W. P., & Thursfield, J. H.** The glomerular lesions of diffuse (parenchymatous) nephritis. *Tr. Path. Soc. London*, 1903-4, 55: 283-8, pl.—**Hückel, R.** Beitrag zu den Veränderungen im Beginn der diffusen Glomerulonephritis. *Virchows Arch.*, 1929, 271: 211-25. Also *Beitr. path. Anat.*, 1937-38, 100: 506-13.—**Lobo-Onell, C., Gaume, P., & Lelu, E.** Un cas de glomerulonephrite diffuse subchronique d'évolution sévère, chez un enfant, très améliorée par la décapulation. *Bull. Soc. fr. urol.*, 1935, 384-8.—**Poppel, G.** Kombination von pyelonephritischer Schrumpfnier mit subakuter Glomerulonephritis. *Frankf. Zschr. Path.*, 1937-38, 51: 363-8.—**Randerath, E.** Ueber die Beteiligung der Glomeruluskapsel bei der diffusen Glomerulonephritis. *Virchows Arch.*, 1929, 271: 197-210.—**Sarre, H.** Die Durchblutung der Niere bei der experimentellen diffusen Glomerulonephritis. *Deut. Arch. klin. Med.*, 1938-39, 183: 515-51. — & **Eger, W.** Ueber die Atmung überlebenden Nierengewebes bei der experimentellen diffusen Glomerulonephritis. *Zschr. klin. Med.*, 1939, 136: 96-107.—**Scheinberg, D.** Diffuse glomerulonephritis in the various stages. *J. Tennessee M. Ass.*, 1939, 32: 199-210.—**Vovsi, M. S., & Stotsik, N. L.** [Clinical aspect of diffuse glomerulonephritis] *Ter. arkh.*, 1933, 11: 686-96.—**Webb, C. H.** The clinic; subacute glomerulonephritis from Shreveport Charity Hospital. *Tristate M. J.*, 1934-35, 7: 1471.—**Weissberg, J., & Ippolito, T.** Diffuse glomerulonephritis without hypertension. *Bull. N. York M. Coll.*, 1940, 3: No. 2, 12-21.—**Weitzmann, G.** Die Pyramidenbehandlung der haemorrhagischen diffusen Glomerulonephritis. *Med. Welt*, 1938, 12: 1843-5.

— diffuse, acute.

WESTPHAL, K. *Ueber zwei Beobachtungen von frischer diffuser Glomerulonephritis. 20p. 8° Gött., 1931.

Bierman, J. M. Acute diffuse glomerulonephritis. *California West. M.*, 1937, 46: 41.—**Blagman, G. F.** [Histogenesis of acute diffuse glomerulonephritis] *Klin. med.*, Moskva, 1939, 17: 73-87.—**Chabanier, H., Lobo-Onell, C.** [et al.] Glomerulo-néphrite aiguë diffuse avec élément néphrosique clinique et humorale. *Bull. Soc. fr. urol.*, 1934, 102-10. Also *J. urol. méd.*, Par., 1934, 37: 354-62. — Glomerulonephrite aiguë diffuse grave. *Presse méd.*, 1934, 42: 1568-70.—**Corelli, F.** La glomerulonephrite diffusa acuta quale affezione allergica; terapia di desensibilizzazione. *Policlinico*, 1937, 44: sez. med., 605-35.—**Dowden, A. P.** Acute parenchymatous nephritis. *Kentucky M. J.*, 1908, 6: 289.—**Dunn, J. S.** The fundamental lesion in acute diffuse intracapillary glomerulonephritis. *J. Path. Bact.*, Lond., 1940, 51: 169-88, 2 pl.—**Elwyn, H.** Acute diffuse glomerulonephritis. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 8: 459-65.—**Ernstene, A. C., & Robb, G. P.** A familial epidemic of acute diffuse glomerulonephritis; relation to the pathogenesis of the disease. *J. Am. M. Ass.*, 1931, 97: 1382. Also repr.—**Geldrich, J.** Abortive Formen der akuten diffusen Glomerulonephritis. *Acta paediat.*, Upps., 1938, 22: 450-2.—**Jochweds, B., & Bajer, I.** Etude anatomo-clinique d'un cas de néphrite interstielle aiguë. *J. urol. méd.*, Par., 1939, 43: 42-7.—**Kimmelstiel, P.** Acute hematogenous interstitial nephritis. *Am. J. Path.*, 1938, 14: 737-61. Also repr.—**Kylin, E.** Pathologie und Klinik der sogenannten akuten diffusen Glomerulonephritis. *Erg. inn. Med. Kinderh.*, 1929, 36: 153-240.—**Landau, A., Wajzman, J., & Steffen, E.** [Rare form of septic, interstitial nephritis (nephritis interstitialis acuta septica focalis dispersa) cured] *Polska gaz. lek.*, 1935, 14: 739-42.—**Marcelongo, F.** Il cuore nella glomerulonefrite acuta diffusa. *Arch. sc. med.*, Tor., 1935, 59: 975; 1025. — La glomerulonefrite diffusa acuta reumatica; contributo allo studio delle affezioni renali nel reumatismo. *Ibid.*, 1936, 61: 105-50.—**Mendes de Leon, C.** [Etiology, pathogenesis and therapy of acute diffuse glomerulonephritis]

Geneesk. gids, 1934, 12: 385-92.—**Murphy, F. D.** Acute diffuse glomerular nephritis. *Med. Clin. N. America*, 1935, 18: 1331-41. — **Grill, J., & Moxon, G. F.** Acute diffuse glomerular nephritis; study of 94 cases with special consideration of the stage of transition into the chronic form. *Arch. Int. M.*, 1931, 54: 483-508.—**Nephritis acuta parenchymatosa**; Anurie; Nephrectomie. *Jahrb. Chir. Abt. Spital. Basel* (1902) 1903, 85.—**Paschlaw, G.** Zur Klinik der akuten interstiellen Nephritis im Kindesalter. *Kinderärztl. Prax.*, 1933, 4: 103-8.—**Schivi, T.** Su di un caso di glomerulo-nefrite diffusa acuta da tonsillite guarita con la tonsillectomia. *Rinasc. med.*, 1939, 16: 509.—**Spitz, A.** Spontanheilung einer langdauernden Anurie bei einer akuten diffusen Glomerulonephritis. *Zbl. inn. Med.*, 1935, 56: 609-14.—**Stevens, E. L.** Acute parenchymatous nephritis. *Med. Age, Det.*, 1904, 22: 9-16.—**Volhard, F.** Ueber die Heilung der akuten diffusen Glomerulonephritis. *Wien. Arch. inn. Med.*, 1937, 31: Gesh., 79-81. Also *Dia méd.*, B. Air., 1939, 11: 474-8.—**Vovsi, M. S., & Stotsik, N. L.** [Treatment of acute diffuse glomerulonephritis] *Ter. arkh.*, 1934, 12: 69-84.—**Wade, H.** Experimental acute interstitial nephritis: the renal changes induced by the toxins of infective sarcoma in dogs. *J. Path. Bact.*, Camb., 1907-8, 12: 138.

— diffuse, chronic.

See also **Nephrosclerosis.**

KRAFFT, H. *Ueber einen Fall von sekundärer Schrumpfnier mit Amyloid [Tübingen] 29p. 8° Ludwigsburg, 1933.

Allen, R. B. Reconstructions of glomeruli from a case of chronic diffuse glomerulonephritis. *Anat. Rec.*, 1926, 34: 41-5.—**Anson, L. J.** Inter-capillary glomerulosclerosis. *South. M. J.*, 1938, 31: 1272-5.—**Bannick, E. G.** Severe chronic glomerular nephritis without hypertension, cardiac hypertrophy or retinal changes; report of 2 cases. *Arch. Int. M.*, 1927, 39: 741-7.—**Barker, L. F.** Arterial hypertension associated with marked hypertrophy of the muscular coats of the arterioles rather than with arteriosclerosis in a patient with secondarily contracted kidneys. *Med. Clin. N. America*, 1930, 14: 219-26.—**Bell, E. T.** A clinical and pathological study of subacute and chronic glomerulonephritis, including lipid nephrosis. *Am. J. Path.*, 1938, 14: 691-736, 3 pl.—**Cannady, E. W., & O'Hare, J. P.** A critical review of the retinal lesions in chronic glomerular nephritis. *J. Am. M. Ass.*, 1934, 103: 6-10.—**Cantarow, A.** Calcium studies; the calcium and inorganic phosphorus content of cerebrospinal fluid and blood serum in chronic glomerulonephritis with uremia. *Arch. Int. M.*, 1932, 49: 981-93. Also repr.—**Chabanier, H., Lobo-Onell, C.** [et al.] Résultats favorables de la décapulation rénale dans un cas de forme galopante, à lésions extracapsulaires, de la glomerulonephrite diffuse chronique. *Bull. Soc. fr. urol.*, 1935, 309-16. Also *J. urol. méd.*, Par., 1936, 41: 34-41.—**De Castro, U.** La glomerulonefrite cronica diffusa anipertonica. *Arch. pat., Bologna*, 1933-34, 13: 644-72.—**Ferro-Luzzi, G.** Glomerulonefrite cronica con sindrome uremica ipertensiva, senza ritenzione azotata. *Minerva med.*, Tor., 1936, 27: pt 2, 1-3.—**Gamna, C.** Due casi di nefrosi secondaria in stadio avanzato senza ipertensione arteriosa; perché manca l'ipertensione? *Ibid.*, 1938, 29: 377-83.—**Gilman, G.** Urinary proteins: the appearance of kidney protein in the urine of some cases of severe chronic glomerular nephritis. *J. Urol.*, Balt., 1935, 34: 727-31.—**Glomerulonefritis crónica y parálisis facial periférica bilateral.** *Rev. san. mil.*, B. Air., 1937, 36: 1170-5.—**Lasher, E. P., Jr.** Chronic glomerulonephritis with hyperplasia of the parathyroid glands and cystic fibrous osteitis. *Arch. Path.*, Chic., 1935, 19: 761-3.—**Lazzaro, G.** Glomerulonefrosi nelle glomerulonefriti diffuse croniche con morte in uremia. *Policlinico*, 1933, 40: sez. prat., 443-9.—**McCann, W. S., & Keutmann, E. H.** The effects of high-protein diets upon the course of chronic glomerulonephritis. *Tr. Ass. Am. Physicians*, 1932, 47: 80-8.—**Marcelongo, F.** Rilievi clinici sull'ipertensione nelle nefropatie; le glomerulonefriti diffuse croniche senza ipertensione arteriosa. *Cuore & circol.*, 1935, 19: 441-96.—**Marzullo, E. R.** Clinical studies in renal disease; acidosis in chronic glomerulonephritis. *Ann. Int. M.*, 1939-40, 13: 1638-43.—**Micheli, F.** Ipertensione genuina con sclerosi renale secondaria a glomerulonefrite. *Minerva med.*, Tor., 1934, 25: 569-75. — Glomerulo-nefrite cronica con impronta nefrotica, uremia, iperazotemia e diabete renale. *Ibid.*, 1935, 26: pt 2, 497-504.—**Miller, J., & Hay, W. D.** A case of chronic syphilitic glomerulo-nephritis with demonstration of the spirochetes in the kidney. *Canad. M. Ass. J.*, 1930, 23: 202-9.—**Mitchell, C.** Urine analysis and diseases of the kidneys: secondary chronic interstitial nephritis, and the Edebohl's operation. *Clinique*, Chic., 1940, 25: 89-93.—**Mosenthal, H. O.** The clinical aspects of Bright's disease; chronic diffuse glomerular nephritis. *Med. Clin. N. America*, 1932, 15: 1067-84. — Chronic diffuse glomerular nephritis. *N. York State J. M.*, 1937, 37: 268-74.—**Murphy, F. D.** Chronic glomerulonephritis with lipid changes; a report of an illustrative case studied from the onset until death 5 years later. *Arch. Int. M.*, 1930, 45: 23-36, 2 pl. Also repr.—**Neber, E. N.** The management of chronic glomerulo-nephritis. *Hahnemann. Month.*, 1938, 73: 209-20.—**Oppenheimer, B. S.** Chronic diffuse glomerular nephritis with retinal vascular lesions of the terminal accelerated stage of hypertensive vascular disease; so-called malignant sclerosis. *J. Mount Sinai Hosp. N. York*, 1938-39, 5: 154-6.—**Parenti,**

P. Sclerosi renale da glomerulonefrite embolica di Löhlein a decorso cronico. *Pathologica*, Roma, 1935, 27: 231-8, pl.—**Pepper, O. H. P.** The simulation of chronic glomerulonephritis by conditions not primarily renal. *Proc. Interst. Postgr. M. Ass. N. America*, 1934, 98-101.—**Rea, M. H.** Chronic glomerular nephritis with nephrotic syndrome; report of case with autopsy. *Med. Woman J.*, 1940, 47: 189-93.—**Renzo, C.** Glomerulonefrite cronica con uremia convulsivante e reazione meningea. *Minerva med.*, Tor., 1934, 25: 551-5.—**Rocchini, G.** Sugli esiti a distanza della decorticazione renale in alcuni casi di glomerulo-nefrite cronica. *Arch. ital. chir.*, 1938, 54: 236-46.—**Roth, F.** Glomeruläre Aneurysmen bei der benignen Nephrosklerose. *Frankf. Zschr. Path.*, 1939, 53: 532-50.—**Schmitz, H. L.** Chronic glomerulonephritis. *Med. Clin. N. America*, 1930-31, 14: 1113-21.—**Seegal, D., Lyttle, J. D.** [et al.] On the exacerbation in chronic glomerulonephritis. *J. Clin. Invest.*, 1940, 19: 569-89.—**Sigon, M.** Sulle alterazioni glomerulonefritiche nella nefrosclerosi maligna. *Pathologica*, Genova, 1934, 26: 717-22.—**Townsend, S. R., Massie, E., & Lyons, R. H.** Studies on the anemia of chronic glomerulonephritis and its relationship to gastric acidity. *Am. J. M. Sc.*, 1937, 194: 636-45.—**Volterra, M.** Studi sulle sclerosi renali; la patologia dell'apparato vascolare nelle sclerosi renali nefritiche con particolare riguardo alla patogenesi di esse ed ai rapporti col comportamento della pressione arteriosa. *Riv. clin. med.*, 1936, 37: 203-41.—**Weiss, E.** Chronic glomerulonephritis with hypertension and marked nitrogen retention but no eye-ground changes. *Ann. Int. M.*, 1929-30, 2: 55.

— Etiology, and pathogenesis.

AHLSTRÖM, C. G. Zur Pathogenese der akuten diffusen Glomerulonephritis; experimentelle Untersuchung über die allergische Gewebsreaktion der Niere. 174p. 8°. Kbh., 1936.

Formas Suppl. 29, Acta path. microb. scand.

HAFAZALLA, K. *Ueber Witterungseinflüsse im Verlauf akuter Glomerulonephritis. 25p. 8°. Freib. i. B., 1932.

HENSEN, M. *Beitrag zur experimentellen Erzeugung der Glomerulonephritis [Münster] 15p. 8°. Werne, 1935.

LOTZ, K. *Allergie und Glomerulonephritis. 27p. 21/2cm. Münch., 1937.

Aalsmeer, W. C. & Vaerst, E. L. [Acute glomerulonephritis as a capillary disease]. *Ned. tsehr. geneesk.*, 1927, 71: 3395-9.—**Alcantara, P. de.** Glomerulo-nefrite em portador de lesões cutâneas diftericas e estreptococcas. *Pediat. prat.*, S. Paulo, 1934, 5: 19-30.—**Aoki, H.** Ueber die Frage der Glomerulonephritis. *Tr. jap. Path. Soc.*, 1926, 16: 138-40.—**Arnott, W. M., Kellar, R. J., & Matthew, G. D.** Experimental glomerulonephritis produced by the use of specific sera. *Edinburgh M. J.*, 1936, 43: 233-42, 2 pl.—**Asano, S.** Die experimentelle Glomerulonephritis durch das Antinierenserum. *Jap. J. M. Sc.*, 1938-39, 5: *Proc. Int. M.*, 198.—**Baehr, G.** The nature of glomerulonephritis. *Bull. N. York Acad. M.*, 1938, 14: 53-64.—**Bahnick, E. G.** Lipoid nephrosis and its relation to glomerular nephritis. *J. Am. M. Ass.*, 1934, 102: 172-8.—**Battaglia, F.** Sulla patogenesi della glomerulonefrite diffusa. *Arch. ital. anat. pat.*, 1935, 6: Suppl. 33-9. Also *Gior. med. mil.*, 1936, 66: 594.—**Bell, E. T.** The pathogenesis of glomerulonephritis including lipoid nephrosis. *Proc. Inst. M. Chicago*, 1938-39, 12: 306-12.—**Clawson, B. J.** Experimental glomerulonephritis in a monkey. *Am. J. Path.*, 1931, 7: 57-61, 2 pl.—**Hartzell, T. B.** Experimental glomerulonephritis. *Dent. Cosmos*, 1928, 70: 757-65.—**Blackman, S. S., jr.** Experimental pneumococcal nephrosis and its relation to glomerulonephritis. *South. M. J.*, 1931, 27: 715-8.—**Buss, G.** Gibt es urämische Reizungen der Glomeruli? *Beitr. path. Anat.*, 1927, 78: 231-8.—**Castano, E., & Del Piano, J. I.** Glomerulo-nefritis por sepsis amigdalina. *Rev. As. méd. argent.*, 1936, 50: 1881-6.—**Clawson, B. J.** Experimental focal embolic glomerulonephritis in rabbits. *Arch. Path. Chic.*, 1926, 1: 911-5.—**Cuevas Miranda, A.** Glomerulo-nefritis aguda consecutiva a infecciones cutâneas; impétigo vulgar. *Rev. san. mil.*, Habana, 1938, 2: 265-72.—**D'Antona, L.** Lesioni renali sperimentali da tossina stafilococcica e patogenesi della glomerulo-nefrite diffusa. *Minerva med.*, Tor., 1939, 30: 573-8.—**Denny, E. R.** The etiology and pathogenesis of acute diffuse glomerular nephritis. *J. Oklahoma M. Ass.*, 1931, 24: 104-6.—**Dick, G. F., & Lieter, L.** Experimental chronic diffuse amyloid glomerulonephrosis in rabbits, produced by hemolytic streptococci. *Tr. Ass. Am. Physicians*, 1935, 50: 135-8.—**Doenecke, F.** Ueber die Veränderungen der Blutplättchenzahlen bei akuter diffuser Glomerulonephritis und ihre Bedeutung für die Pathogenese. *Zschr. klin. Med.*, 1932, 121: 121-44.—**Domagk, G., & Neuhaus, C.** Die experimentelle Glomerulonephritis. *Virchows Arch.*, 1927, 264: 522-40.—**Duval, C. W., & Hibbard, R. J.** Experimental production of acute glomerulonephritis; use of active principle of scarlatinal streptococcus and a consideration of chronic interstitial changes; preliminary report. *J. Am. M. Ass.*, 1926, 87: 898-901. Also repr.—**Experimental glomerulonephritis induced in rabbits with the endotoxin principle of Streptococcus scarlatinae.** *J. Exp. M.*, 1926, 44: 567-80, 3 pl. Also repr.—**Ehrich, W. E.** Cytotoxic glomerular

nephritis in rabbits; a nonallergic condition. *Proc. Soc. Exp. Biol.*, N. Y., 1936-37, 35: 576-9.—**Experimental glomerular nephritis.** *Arch. Path.*, Chic., 1938, 25: 927.—**Wolf, R. E., & Bartol, G. M.** Acute experimental glomerular nephritis in rabbits: a correlation of morphological and functional changes. *J. Exp. M.*, 1938, 67: 769-90, 4 pl. Also repr.—**Fahr, T.** Zur Pathogenese der akuten Glomerulonephritis. *Deut. med. Wschr.*, 1926, 52: 735-7.—**Beiträge zur Frage der experimentellen Glomerulonephritis.** *Verh. Deut. path. Ges.*, 1935, 28: 179-81 [Discussion] 185. Also *Klin. Wschr.*, 1936, 15: 505-8.—**The modern conception of glomerulonephritis.** *Abstr. Proc. Ass. Life Insur. M. Dir. America*, 1938, 25: 104-32, 12 pl.—**Foit, R., & Weichherz, E.** [Allergic origin of acute glomerulonephritis]. *Shorn. lók.*, 1936, 38: 527-32, 4 pl.—**Futcher, P. H.** Glomerular nephritis following infections of the skin. *Arch. Int. M.*, 1940, 65: 1192-210.—**Hagerty, C. S.** Experimental embolic glomerulonephritis produced with human fat, fatty acids and calcium soaps. *Arch. Path.*, Chic., 1938, 25: 24-34.—**Hámori, A.** [Experimental diffuse glomerulonephritis]. *Magy. orv. arch.*, 1937, 38: 355-63.—**Helmholtz, H. F.** The experimental production of glomerulonephritis in the rabbit. *Arch. Path.*, Chic., 1932, 13: 592-604.—**Hemprich, R.** Zur Frage der experimentellen Glomerulonephritis. *Zschr. ges. exp. Med.*, 1934-35, 95: 304-21.—**Hofrichter, C. H.** Acute glomerulonephritis; a review of the mechanism involved in the production of acute glomerulonephritis and its relationship to the development and progression of the chronic nephritides. *Northwest M.*, 1928, 27: 382-7.—**Hückel, R.** Experimentelle Glomerulonephritis. *Beitr. path. Anat.*, 1930, 84: 571-97.—**Die Glomerulonephritis im Tierversuch und ihre Beziehungen zur Glomerulonephritis des Menschen.** *Med. Klin.*, Berl., 1935, 31: 252.—**Hunter, W. C., & Roberts, J. M.** Glomerular changes in the kidneys of rabbits and monkeys induced by uranium nitrate, mercuric chloride and potassium bichromate. *Am. J. Path.*, 1932, 8: 665-88, 3 pl.—**Kleinicke.** Glomerulonephritis nach Trauma. *Deut. med. Wschr.*, 1935, 61: 877-80.—**Korányi, A., & Hámori, A.** Beiträge zur Pathogenese der diffusen Glomerulonephritis (Blutdruck- und Permeabilitätsuntersuchungen bei der Masuginephritis). *Zschr. klin. Med.*, 1936, 130: 774-83.—**Kraus, E. J.** Zur Kenntnis der experimentellen Glomerulonephritis. *Beitr. path. Anat.*, 1930, 85: 638-46.—**Krylow, D.** Experimentelle Glomerulonephrose und Glomerulonephritis bei Fröschen. *Ibid.*, 1934, 94: 126-43.—**Kuczynski, M. H., & Dosquet, H.** Zweiter anatomischer Beitrag zur Pathogenese der Glomerulonephritis. *Krankheitsforschung*, 1926, 3: 201-47.—**Kutschera-Aichbergen, H.** Ueber die Pathogenese der diffusen chronischen Glomerulonephritis. *Zschr. klin. Med.*, 1931, 117: 233-43.—**Kylin, E.** Beitrag zur Aetiologie der chronischen Glomerulonephritis. *Zschr. ges. exp. Med.*, 1932, 82: 151-71.—**Letterer, E.** Experimentelle Beobachtungen über allergische Reaktionen am lebenden Glomerulus des Frosches und ihre Beziehungen zur akuten Glomerulonephritis. *Zbl. allg. Path.*, 1933, 58: Sonderbd., 121-32.—**Litvak, F. I.** [Hyperergic, experimental nephritis; pathogenesis of acute, diffused glomerulonephritis]. *Klin. med.*, Moskva, 1939, 17: No. 7, 43-58.—**Long, E. R.** Experimental production of glomerulonephritis by intrarenal tuberculin reactions. *Tr. Chicago Path. Soc.*, 1928, 13: 59.—**Finner, L. L.** Experimental glomerulonephritis produced by intrarenal tuberculin reactions. *Am. J. Path.*, 1928, 4: 571-86, 5 pl.—**Longcope, W. T.** The pathogenesis of glomerular nephritis. *Bull. Johns Hopkins Hosp.*, 1929, 45: 335-60. Also repr.—**O'Brien, D. P.** [et al.] Relationship of acute infections to glomerular nephritis. *Tr. Ass. Am. Physicians*, 1927, 42: 114-32. Also *J. Clin. Invest.*, 1927-28, 5: 7-30.—**Lukens, F. D. W.** Acute experimental glomerulitis following repeated injections of haemolytic streptococci into the renal artery. *Bull. Johns Hopkins Hosp.*, Balt., 1931, 49: 312-9.—**Masugi, M.** Ueber die experimentelle Glomerulonephritis durch das spezifische Antinierenserum; ein Beitrag zur Pathogenese der diffusen Glomerulonephritis. *Beitr. path. Anat.*, 1933-34, 92: 429-66, pl.—**Zur Pathogenese der diffusen Glomerulonephritis als allergischer Erkrankung der Niere.** *Klin. Wschr.*, 1935, 14: 373-6.—**Die Pathogenese der diffusen Glomerulonephritis im Lichte experimenteller Erzeugung dieser Nierenkrankung bei Tieren.** *Zbl. inn. Med.*, 1935, 56: 417-28.—**Sato, Y.** Ueber die allergische Gewebsreaktion der Niere; zugleich ein experimenteller Beitrag zur Pathogenese der diffusen Glomerulonephritis und der Periarthritis nodosa. *Virchows Arch.*, 1934, 293: 615-64.—**Zur Pathogenese der diffusen Glomerulonephritis als allergischer Erkrankung der Niere; über das Vorkommen der periarthritischen Gefäßschäden in Fällen von diffuser Glomerulonephritis.** *Tr. Soc. path. jap.*, 1934, 24: 283-9.—**Masugi, M., Sato, Y.** [et al.] Ueber die experimentelle Glomerulonephritis durch das spezifische Antinierenserum. *Tr. Jap. Path. Soc.*, 1932, 22: 614-28.—**Masugi, M., & Tomizuka, Y.** Ueber die spezifisch zytotoxischen Veränderungen der Niere und der Leber durch das spezifische Antiserum (Nephrotoxin und Hepatotoxin) zugleich ein Beitrag zur Pathogenese der Glomerulonephritis. *Ibid.*, 1931, 21: 329-41, 2 pl.—**Mumme, C.** Hämoglobinurie bei Kälteinwirkung und Glomerulonephritis. *Zbl. inn. Med.*, 1934, 55: 805.—**Ogata, T.** Studien über die hyperergische diffuse Glomerulonephritis, hervorgerufen durch die Kohlenhydratfraktion von Scharlachstreptokokken. *Tr. Soc. path. jap.*, 1939, 29: 5-8, pl.—**Reiselman, S. D.** [Experimental allergic glomerulonephritis; role of denervation of the kidneys in the origin of experimental nephritis]. *Klin. med.*, Moskva,

1938, 16: 689; 1940, 18: No. 5, 31-9.—**Reith, A. F., Warfield, L. M., & Enzer, N.** Attempts to produce acute glomerulonephritis in rabbits with the peritoneal lysate of *Streptococcus scarlatinae*. *J. Infect. Dis.*, 1930, 46: 42-52.—**Rich, A. R., Bumstead, J. H., & Frobisher, M.** Hemorrhagic glomerular lesions produced by filtrates of streptococcus viridans cultures. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 397-9.—**Rieder, W., & Balzer, E.** Ueber Versuche zur Erzeugung einer akuten diffusen Glomerulonephritis. *Zschr. ges. exp. Med.*, 1933-34, 92: 517-39.—**Rigdon, R. H.** Renal lesions in staphylococcus aureus infections and their relation to acute glomerular nephritis. *Arch. Int. M.*, 1936, 57: 117-31.—**Sarre, H.** Die Bedeutung der experimentellen Forschung zur Pathogenese der menschlichen diffusen Glomerulonephritis. *Deut. med. Wschr.*, 1939, 65: 1661-6.—**Wirtz, H.** Geschwindigkeit und Ort der Nephrotoxin-Bindung bei der experimentellen Glomerulonephritis. *Klin. Wschr.*, 1939, 18: 1548-50.—Die Durchblutung der Niere bei der experimentellen diffusen Glomerulonephritis und Folgen ihrer Denervierung. *Verh. Deut. Ges. Kreislaufforsch.*, 1939, 12: 280-6.—**Seegal, B. C., Seegal, D.** [et al.] Bacteriological and immunological studies of acute glomerulonephritis in New Orleans. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 1151-7. Also repr.—**Seegal, D., Seegal, B. C., & Lyttle, J. D.** The nature of the preceding infection in acute glomerulonephritis. *J. Am. M. Ass.*, 1935, 105: 17-20. Also repr.—**Semsroth, K., & Koch, K. R.** Akute diffuse Glomerulonephritis beim Kaninchen; Beitrag zur Pathogenese. *Virchows Arch.*, 1933, 290: 167-76.—**Shulutko, I. B.** [Edemas in acute glomerulonephritis; pathogenesis and clinical course] *Vrach. delo*, 1936, 19: 133-6.—**Tsuge, Y.** Zur Frage der experimentellen Glomerulonephritis durch Toxine von Tuberkelbazillen. *J. Orient. M., Dairen*, 1937, 26: 87-102.—**Tsujii, S.** Ein Beitrag zur Frage der immun-cytotoxischen Glomerulonephritis. *Beitr. path. Anat.*, 1936-37, 98: 425-82. Also *Jap. J. M. Sc.*, 1938-39, 5: *Proc. Int. Med.*, 1939-203.—**Varela, M. E., & Schultz Ortiz, G.** Toxicosis capilar hemorrágica y glomerulonefritis. *Sem. méd.*, B. Air., 1933, 40: pt 2, 2055-8.—**Vinogradov, V. N., Trushina, E. F.** [et al.] [Rôle of streptococci in etiology of acute diffuse glomerulonephritis] *Ter. arkh.*, 1936, 14: 325-34.—**Weiss, A.** Weitere Beiträge zur Frage der experimentellen Glomerulonephritis. *Beitr. path. Anat.*, 1935-36, 96: 111-28.

focal.

Battistini, G. Sulla terapia delle glomerulonefriti emboliche. *Minerva med.*, Tor., 1934, 25: 801-10.—**Koch, F.** Vergleichende klinische und pathologisch-anatomische Untersuchungen zum Morbus Brighti; die herdförmige interstitielle Nephritis. *Virchows Arch.*, 1930, 279: 214-28.—**Lemann, I. I.** Nephritis in children and young adults, with especial reference to focal glomerulonephritis. *South. M. J.*, 1928, 21: 683-6.—**Schupfer, F.** Sopra un caso di glomerulonefrite a focolaio. *Bagliiv.*, 1935, 1: 437-7.—**Tendeloo, N. P.** [Focal nephritis] *Ned. tschr. geneesk.*, 1932, 76: pt 3, 3458-65, pl.—**Tinti, M.** Studi sulle nefriti; la glomerulonefrite emorragica a focolai di Volhard e Fahr. *Riv. clin. med.*, 1928, 29: 1077-108.

Pathology.

Bell, E. T. The early stages of glomerulonephritis. *Am. J. Path.*, 1936, 12: 801-24, 4 pl.—**Chasis, H., & Smith, H. W.** The excretion of urea in normal man and in subjects with glomerulonephritis. *J. Clin. Invest.*, 1938, 17: 347-58.—**Christian, H. A.** A glomerular dominance in Bright's disease. *Am. J. M. Sc.*, 1938, 196: 761-9.—**Craciun, E. C., Serbanesco, V., & Ursu, A.** Sur la glomerulite proliferative. *C. rend. Soc. biol.*, 1933, 112: 71-4.—**Craciun, E. C., Visineau, N.** [et al.] Localisation rénale de la maladie de Bouillaud; la glomerulonephrite proliferative rheumatismale menant au mal de Bright. *Ann. anat. path.*, Par., 1933, 10: 363-88.—**Domagk, G.** Betrachtungen über die Anfänge der Glomerulonephritis. *Med. Welt*, 1927, 1: 565-7.—**Fishberg, A. M.** The arteriolar lesions of glomerulo-nephritis. *Arch. Int. M.*, 1927, 40: 80-97.—**Gräff, S.** Ueber die Vorgänge im Beginn der Glomerulonephritis. *Verh. Deut. path. Ges.*, 1926, 21: 421-3.—**Gregg, F. J.** The nephrotic stage of glomerulonephritis. *Pennsylvania M. J.*, 1938-39, 42: 1039-42. Also repr.—**Hückel, R.** Ueber eine seltene Form von frischerer Glomerulonephritis. *Virchows Arch.*, 1928, 268: 395-409.—**Ide, M.** Capillaires et glomérules rénaux. *Rev. méd.*, Louvain, 1924, 378-81.—**Ito, T., & Fukuhara, R.** Ueber das Verhalten des Glomerulofiltrates bei Glomerulonephritiden und Nephrosklerosen. *Tohoku J. Exp. M.*, 1936, 29: 529-39.—**Kimmelstiel, P., & Wilson, C.** Inter-capillary lesions in the glomeruli of the kidney. *Am. J. Path.*, 1936, 12: 83-97, 4 pl.—**Löhlein.** Ueber die entzündlichen Veränderungen der Malpighischen Körperchen der Niere. *Verh. Deut. path. Ges.* (1906) 1907, 217-23.—**MacCallum, W. G.** Glomerular changes in nephritis. *Bull. Johns Hopkins Hosp.*, 1934, 55: suppl., 416-32, 7 pl. Also *South. M. J.*, 1934, 27: 39.—**McGregor, L.** The cytological changes occurring in the glomerulus of clinical glomerulonephritis. *Am. J. Path.*, 1929, 5: 559-85, 2 pl.—**Mallory, F. B., & Parker, F., jr.** Spontaneous intracapillary glomerulonephritis. *Ibid.*, 1927, 3: 91, pl.—**Miranda Francisco, F. de P.** Las glomerulonefritis lentas malignas. *Tr. Panamer. M. Congr.* (1931) 1933, 3. Congr., 615-20.—**Moritz, A. R., & Hayman, J. M., jr.** The disappearance of glomeruli in chronic kidney disease. *Am. J. Path.*, 1934, 10: 505-17, 2 pl. Also repr.—

Randerath, E. Zur Frage des Glomerulothels. *Beitr. path. Anat.*, 1930, 85: 85-100.—**Suzuki, T.** A second note on the changes of the glomeruli in nephritis in a wide sense. *Tr. Jap. Path. Soc.*, 1928, 18: 411-3.—**Turley, L. A., & Green, W. J.** Vascular changes in the glomeruli of the kidney and the effect on the other structures of the nephron. *South. M. J.*, 1935, 28: 773-9.

Prognosis.

Bierman, J. M. The significance of glomerular nephritis in childhood. *Minnesota M.*, 1937, 20: 703-5.—**Guild, H. G.** The prognosis of acute glomerular nephritis in childhood. *Bull. Johns Hopkins Hosp.*, 1931, 48: 193-211, tab.—**Levy, R.** Die Prognose der akuten diffusen Glomerulonephritis im Kindesalter mit besonderer Berücksichtigung ihres späteren Verlaufes. *Jahrb. Kinderh.*, 1930-31, 3. F., 80: 215-38.—**Loeb, E. N., Lyttle, J. D.** [et al.] On the permanence of recovery in acute glomerulonephritis. *J. Clin. Invest.*, 1938, 17: 623-9.—**Richter, A. B.** Prognosis in acute glomerular nephritis. *Ann. Int. M.*, 1936, 9: 1057-69. Also *In Med. Papers* (H. A. Christian Anniv. vol.) Bost., 1936, 268-82.—**Snoke, A. W.** Stages, prognosis and duration of glomerular nephritis in childhood. *Am. J. Dis. Child.*, 1937, 53: 673; 1939, 57: 1373.—**Stefanini, S., & Tarozzi, G.** Esiti lontani delle glomerulonefriti infantili. *Med. inf.*, Roma, 1936, 7: 363-81.

Treatment.

Addis, T. Theory and practice in the dietetic treatment of glomerular nephritis. *J. Am. Diet. Ass.*, 1940, 16: 306-12.—**Angelini, L.** Terapia delle glomerulonefriti emorragiche infantili con l'acido ascorbico. *Pediatria* (Riv.), 1939, 47: 762-9.—**Best, H.** Tonsillektomie bei akuter diffuser Glomerulonephritis. *Zbl. inn. Med.*, 1936, 57: 841-53.—**Blackfan, K. D., & McKhann, C. F.** Acute glomerular nephritis in children; treatment of the cerebral manifestations. *J. Am. M. Ass.*, 1931, 97: 1052-5.—**Chabanier, H., Lobo-Onelli, C., & Gaume, P.** Sur la décapulation dans les glomérulo-néphrites. *Bull. Soc. fr. urol.*, 1935, 153-9. Also *J. urol. méd.*, Par., 1934, 38: 566; 1935, 39: 45.—**Crosetti, L.** Saggi di antioemoterapia nelle glomerulonefriti acute. *Gior. med. Alto Adige*, 1931, 3: 12-20.—**Day, H. B.** Treatment of glomerulonephritis by antigen. *Lancet*, Lond., 1936, 2: 1456-9.—**Dicker, E.** Action de la diathermie et des ondes courtes sur la filtration glomérulaire et sur la pression artérielle. *C. rend. Soc. biol.*, 1938, 127: 828-30.—**Directive** sulla terapia razionale delle glomerulonefriti acute diffuse ed a focolaio. *Bagliiv.*, 1935, 1: 47; 124.—**Greppl, L.** L'acido ascorbico nel trattamento antiemorragico delle glomerulonefriti acute. *Pediatr. med. prat.*, Tor., 1938, 13: 506-15.—**Hartung, F.** Glomerulonephrite, amygdalectomia cura. *Rev. Ass. paul. med.*, 1939, 14: 159-62.—**Kellet, C. E.** The nature and treatment of acute glomerular nephritis. *Practitioner*, Lond., 1937, 139: 597-606.—**Lyttle, J. D.** The treatment of acute glomerulonephritis in children. *Bull. N. York Acad. M.*, 1938, 14: 212-21.—**Rejsek, J.** [Operative treatment in acute glomerulonephritis] *Sborn. lék.*, 1936, 38: 593-614.—**Salvioli, G.** La röntgentherapie nelle glomerulonefriti acute (effetti delle irradiazioni limitate possibilmente al rigonfiamento lombare). *Pediatria* (Riv.) 1930, 38: 361-76.—**Vinogradov, V. N., Holst, L. L., & Levitan, K. N.** [Roentgen-therapy in acute glomerulonephritis] *Ter. arkh.*, 1936, 14: 37-46.—**Volcier, L.** [Radiotherapy of acute glomerulonephritis] *Cas. lék. česk.*, 1925, 65: 1446-8.

in animals.

KRAUTER, A. W. *Glomerulonephritis bei Hund und Katze [München] p.205-17. 23½cm. Würzb., 1938.

Also *Arch. wiss. prakt. Tierh.*, 1938, 73:

Fincher, M. G., & Olafson, P. Chronic diffuse glomerulonephritis in a horse. *Cornell Vet.*, 1934, 24: 356-60.—**Frank, E. R., & Dunlap, G. L.** Chronic diffuse glomerulo-tubular nephritis in a horse. *North Am. Vet.*, 1935, 16: No. 4, 20.—**Helmholz, H. F.** Acute spontaneous glomerulitis in the rabbit. *J. Lab. Clin. M.*, 1933, 18: 463-7.—**Jaffe, R. H.** Spontaneous chronic glomerulonephritis in a rat. *Tr. Chicago Path. Soc.*, 1928-29, 13: 160-2.—**Negri, R.** Sulla natura e frequenza della glomerulo-nefrite in patologia comparata con particolare riguardo al cane ed al gatto. *Profilassi*, 1940, 13: 29-7.—**Nieberle, K.** Zur Kenntnis der akuten diffusen Glomerulonephritis. *Berl. tierärztl. Wschr.*, 1929, 45: 196-9.

GLOMME, Hans Edmund, 1911— *Das Duodenaldivertikel. 69p. 23½cm. Bonn, Gebr. Scheur, 1938.

GLOMUS.

See Carotid glomus; Chromaffin system; Coccygeal glomus, &c.

GLOMUS tumor.

See also Blood-vessels, Tumors: Angiomyoneuroma; Causalgia; Finger, Angioneuromyoma, &c.

JACKE, H. *Ueber den Glomus neuro-myo-arterialis und seine Tumoren [Marburg] 31p. 22 $\frac{1}{2}$ cm. Bonn, 1934.

KIRCHBERG, J. *Beitrag zur Kenntnis der Geschwülste des Glomus neuromyoarterialis. 21p. 21 $\frac{1}{2}$ cm. [Münster] 1935.

Adair, F. E. Glomus tumor; a clinical study with a report of 10 cases. *Am. J. Surg.*, 1934, n. ser., 25: 1-6. Also repr.—Alvarez Cascos. Tumor glómico subungueal. *Med. Ibera*, 1935, 29: 686.—Anderson, R. G., & Weber, F. P. Clinical account of a case of glomus tumour in the little finger. *Brit. J. Derm. Syph.*, 1937, 49: 155-63, 2 pl.—Bailey, O. T. The cutaneous glomus and its tumors; glomangiomas. *Am. J. Path.*, 1935, 11: 915-35, 4 pl.—Bergstrand, H. Multiple glomic tumors. *Am. J. Cancer*, 1937, 29: 470-6.—Blinder, S. Glomus tumor; report of a case. *Am. Heart J.*, 1939, 17: 238-42.—Burman, M. S., & Gold, A. M. Glomus tumor; a brief clinical study of the glomus angiomyoneurome artériel of Barre and Masson. *N. York State J. M.*, 1935, 35: 618-20.—Chandler, L. R. Subcutaneous glomus tumor. *California West. M.*, 1937, 47: 156-8.—Chutro, P. Angioma sub-ungueal; glomus? angiosarcoma? In *Livre jub.* (Hartmann, H.) Par., 1932, 111-6.—Dörfel. Ueber das neuromyoarterielle Glomus der Haut und seine tumoröse Entartung (Glomustumor nach Masson) *Arch. Derm. Syph.*, Berl., 1938, 177: 255-60.—Dupont, A. Aspects atypiques des tumeurs glomiques. *Rev. belge sc. méd.*, 1931, 3: 624-30, 2 pl. Also *Bull. Soc. fr. derm. syph.*, 1935, 42: 1260-5.—Ekblom, K. A. [Tumors of the glomus] *Nord. med.*, 1939, 3: 2498.—Finnerud, C. W., & Scull, R. H. Glomus tumor (histologie demonstration) *Arch. Derm. Syph.*, Chic., 1937, 36: 221.—Fowlkes, R. W., & Peppie, A. W. Tumors of the glomus (glomangiomas or angiomyoneuromas) *South. M. J.*, 1940, 33: 269-74.—Freudenthal, W., Anderson, R. G., & Weber, F. P. The glomus and the glomus tumour (Masson) *Brit. J. Derm. Syph.*, 1937, 49: 151-63.—Gay-Prieto, J. Contribution à l'étude des terminaisons nerveuses dans les tumeurs glomiques de P. Masson. *Bull. Soc. fr. derm. syph.*, 1935, 42: 1254-9.—Gerundo, M., & Mills, W. M. Glomic tumor with report of a case. *J. Kansas M. Soc.*, 1938, 39: 506-8.—Geschickter, C. F. Glomal tumors. *Internat. Clin.*, 1936, 46, ser., 2: 1-11, 5 pl.—Goforth, J. L. Glomus tumors—glomangiomas; report of 2 cases. *Texas J. M.*, 1937-38, 33: 510-2.—Grauer, R. C., & Burt, J. C. Unusual location of glomus tumor; 2 cases. *J. Am. M. Ass.*, 1939, 112: 1806-10.—Gumpel, F. Ueber zwei Fälle von Glomustumoren. *Zbl. Chir.*, 1939, 66: 2467-70.—Hagieteanu, M. [Study of glomus tumors] *Spitalul*, 1934, 54: 114-9. Hopf, M. Ueber Tumoren des neuromyoarteriellen Glomus (Masson) *Frankf. Zschr. Path.*, 1930, 40: 387-99.—Humphrey, A. A., & Brainard, C. W. Subungual glomus tumors. *Internat. Surg. Digest*, 1937, 24: 259-64, pl.—Kofler, W. Neuromyoarterieller Glomustumor (Masson) des Nagelbettes und der Steissdrüse. *Frankf. Zschr. Path.*, 1935-36, 49: 236-46.—Kolodny, A. Glomus tumor; glomangioma. *Ann. Surg.*, 1938, 107: 128-31.—Larson, C. P., & Bennett, R. J. Glomus tumor; report of a case. *West. J. Surg.*, 1938, 46: 600-2.—Lee, R. C. H. Glomangioma; a report of 2 new cases with a review of 76 cases collected from the literature. *Chin. M. J.*, 1938, Suppl. 2, 175-92, 2 pl.—Lendrum, A. C., & Mackey, W. A. Glomangioma; a form of painful subcutaneous tubercle. *Brit. M. J.*, 1939, 2: 676-81, pl. Also *Genesck. gids*, 1939, 17: 1182-4.—Lewis, D., & Geschickter, C. F. Glomus tumors (arterial angiomyoneuroma of Masson) *J. Am. M. Ass.*, 1935, 103: 775-8.—Lewis, G. M. A case for diagnosis (glomus tumor? Dermatitis facialis?) *Arch. Derm. Syph.*, Chic., 1937, 35: 512.—Livingston, W. K. Tumor of a subcutaneous glomus. *West. J. Surg.*, 1935, 43: 329-38.—Lortat-Jacob, L., & Brosse, T. Tumeur sous-unguéale violacée et douloureuse avec causalgie du membre supérieur (glomus tumoral neuromyoarteriel) *Bull. Soc. fr. derm. syph.*, 1928, 35: 305-9.—Love, J. G. Tumor of a subcutaneous glomus or tumor of the neuromyoarterial glomus; report of a case. *Proc. Mayo Clin.*, 1935, 10: 593-5.—Meyers, M. P. Glomus tumor; a report of 4 cases. *J. Michigan M. Soc.*, 1939, 38: 204-8.—Mulazzi, G. Glomi cutanei e tumori glomici; contributo anatomopatologico. *Gior. ital. derm. sif.*, 1940, 81: 209-74, 12 pl.—Pampari, D. Il tumore glomico di Masson. *Clinica, Bologna*, 1938, 4: 902-15.—Paulian, D., Stefan-Popescu & Marinesco-Slatina, D. Tumeur glomique sous-unguéale suivie d'hémihyperthermie et guérison complète après l'ablation chirurgicale. *Ann. anat. path.*, Par., 1933, 10: 271-6.—Picard, H. Ueber seltene Tumoren am Nagelbett (neuromyoarterielle Glomustumoren) *Zbl. Chir.*, 1931, 58: 2133-5.—Pizak, L. F. Glomangioma; tumors of the cutaneous glomus. *Cas. lék. česk.*, 1937, 76: 1223-7.—Raisman, V., & Mayer, L. Tumor of the neuromyoarterial glomus. *Arch. Surg.*, 1935, 30: 911-29.—Roger, H., & Alliez, J. Les petites tumeurs sous-cutanées bénignes à type d'hyperalgie hyperdiffusante; tumeurs glomiques de Masson. *Monde méd.*, 1938, 48: 71-5.—Ruiz Moreno, M., & Monserrat, J. L. Tumor glómico subungueal. *Prensa méd. argent.*, 1938, 25: 537-40.—Schoch, A. G., & Aronson, H. S. Glomus tumor. *Texas J. M.*, 1936-37, 32: 545.—Schwartz, A. L'hématome sous-unguéal. *Paris méd.*, 1935, 95: 607.—Shchelko, I. M. [Case of subungual sarcoma of the finger simulating chronic peronychia] *Khirurgia*, Moskva, 1939, No. 11, 140.—Slepyan, A. H. The glomus tumor; report of 2 cases with histologic observations. *Arch. Derm. Syph.*, Chic., 1937, 36: 77-84.—

Stabins, S. J., Thornton, J. J., & Scott, W. J. M. Changes in the vasomotor reaction associated with glomus tumors. *J. Clin. Invest.*, 1937, 16: 685-93.—Stout, A. P. Tumors of the neuromyoarterial glomus. *Am. J. Cancer*, 1935, 24: 255-72.—Stratmann, A. Ueber seltene Tumoren im Nagelbett (neuromyoarterielle Glomustumoren oder arterielle Angioneuromyome) *Derm. Zschr.*, 1933, 67: 129-46.—Theis, F. V. Subungual neuromyoarterial glomus tumor of the toe. *Arch. Surg.*, 1937, 34: 1-11.—Touraine, A., Solente & Renault, P. Tumeurs glomiques multiples du tronc et des membres. *Bull. Soc. fr. derm. syph.*, 1936, 43: 736-40.—Weidman, F. D., & Wise, F. Multiple glomus tumors of the order of telangiectases. *Arch. Derm. Syph.*, Chic., 1937, 35: 414-26.

GLONING, Josef, 1913—*Die Augsburger Kleinsiedlung zur Hammerschmiede [München] 29p. 2 diagr. 8° Düsseldorf, G. H. Nolte, 1936.

GLONIN.

See under Glycerol.

GLOOR, Hans Ulrich. *Fibrinogenschwankungen im unmittelbaren Anschluss an therapeutische Röntgenbestrahlungen. 19p. 8° Zürich, Gebr. Leemann & Co., 1924.

—*Beiträge aus dem Grenzgebiet der inneren Medizin und der Urologie [Habilitationsschrift] p.179-233. 8° Berl., J. Springer, 1931.

Also *Zschr. urol. Chir.*, 1931, 32:

GLOOR, Walther. Die klinische Bedeutung der qualitativen Veränderungen der Leukozyten. 89p. 29 illust. 4 pl. 8° Lpz., G. Thieme, 1929.

GLOPPE, Henri, 1899—*Calcification de bourses scéuses ou de tendons avec poussées aiguës douloureuses d'origine rhumatismale. 53p. 8° Par., Rev. path. comp., 1928.

GLORIEUX, Pierre. La hernie postérieure du ménisque intervertébral (hernie nucléaire postérieure) et ses complications nerveuses. iv, 102p. illust. pl. 4° Par., Masson, 1937.

—& ROEDERER, Carle. La spondylolyse et ses conséquences; spondylolisthésis, scoliose listhésique. vii, 1, 207p. illust. roy. 8° Par., Masson, 1937.

GLORION, Raymond Ernest, 1893—*A propos des sutures intestinales; la suture en 3 plans. 59p. 8° Par., L. Arnette, 1925.

GLOSSINA.

See also Trypanosoma.

Austen, E. E. A new tsetse-fly of the Glossina palpalis group occurring in Belgian Congo. *Bull. Entom. Res.*, Lond., 1929-30, 20: 1-4.—Guibert, J. M. Verpuppungsdauer von Glossina palpalis. *Arch. Schiff's Tropenhyg.*, 1938, 42: 265.—Hennig, W. Die morphologische Deutung des männlichen Kopulationsapparates der Gattung Glossina. *Zschr. Parasitenk.*, 1936-37, 9: 345-50.—Jackson, C. H. N. Water and fat content of tsetse flies. *Nature*, Lond., 1937, 139: 674.—Jobling, B. A revision of the structure of the head, mouthpart and salivary glands of Glossina palpalis Rob.-Desv. *Parasitology*, Lond., 1933, 24: 449-90, 5 pl. —Experimental work with the tsetse-fly, Glossina palpalis, in Uganda. *Bull. Entom. Res.*, Lond., 1936, 27: 611-32, pl. —Water and fat content of tsetse flies. *Nature*, Lond., 1937, 139: 883. —Experimental work on reproduction in the tsetse fly, Glossina palpalis. *Parasitology*, Lond., 1937, 29: 131-41. —The reproductive cycle in Glossina morsitans and Glossina swynnertoni. *Ibid.*, 142.—Patton, W. S. Studies on the higher Diptera of medical and veterinary importance; a revision of the species of the genus Glossina Wiedemann based on a comparative study of the male and female terminalia. *Ann. Trop. M. Parasit.*, Liverp., 1934, 28: 314; 1936, 30: 71; 1937, 31: 305.—Schilling, C. Die Aufzucht von Tsetsefliegen im heimischen Laboratorium. *Naturwissenschaften*, 1933, 21: 464.—Yorke, W. Coordination of effort in tsetse-fly investigations. *Ann. Trop. M. Parasit.*, Liverp., 1925-26, 19: 373-9.—Zumpt, F. Zur Systematik der Glossina palpalis-gruppe. *Arch. Schiff's Tropenhyg.*, 1935, 39: 141-56. —Der Geschlechtsapparat der Glossinen und seine taxonomische Bedeutung. *Zschr. Parasitenk.*, 1935-36, 8: 546-60.

Control.

Austen, E. G. The tsetse-fly parasites belonging to the genus Thyridanthrax (Diptera; Family Bombyliidae) with

- descriptions of new species. *Bull. Entom. Res.*, Lond., 1929-30, 20: pt 2, 151-64.—**Duke, H. L.** On the employment of volunteers in trypanosomiasis research; and on the element of control in experiments with trypanosomes and Glossinae. *Parasitology*, Lond., 1934, 26: 315-24. — **Hall, G. N., & Haddon, E.** An examination of the efficacy of arsenical solutions in the reclamation of tsetse areas. *Bull. Entom. Res.*, Lond., 1928-29, 19: 7-29. — **Fight (The)** against the tsetse fly. *J. Am. M. Ass.*, 1939, 113: 1045. — **Henard, G.** Quelques essais de capture de Glossina palpalis au moyen de divers types de piège Harris près du Stanley Pool. *Ann. Soc. belge méd. trop.*, 1934, 14: 263-76. — **Lavier, G.** La lutte contre les glossines. *Acta Conv. trop. malar. morb.*, 1938, 1: 650-62. Also *Ann. méd. pharm. col.*, Par., 1939, 37: 27-40. — **Lloyd, L., Johnson, W. B., & Rawson, P. H.** Experiments in the control of tsetse-fly (report of the tsetse investigators in N. Nigeria). *Bull. Entom. Res.*, Lond., 1926-27, 17: 423-51, 6 ch. — **Lloyd, L., Lester, H. M. O.** [et al.] Experiments in the control of tsetse fly. *Ibid.*, 1933, 24: 233-51, 2 pl. — **Nash, T. A. M.** The efficacy of bush clearing as a method of tsetse control. *West Afr. M. J.*, 1934, 7: 137-9. — **Report of the Southern Rhodesia Trypanosomiasis Committee on the policy of game destruction as a means of controlling the tsetse fly (G. morsitans)**. *J. Trop. M. Hyg.*, Lond., 1938, 41: Col. med. rep., 21-4. — **Roubaud, E., & Freillard, M.** Un coccobacille pathogène pour les mouches tsé-tsé. *C. rend. Acad. sc.*, 1935, 201: 301-6. — **Infection expérimentale de Glossina palpalis par un coccobacille pathogène pour les muscides.** *Bull. Soc. path. exot.*, Par., 1936, 29: 145-7. — **Schilling, C.** Die Bekämpfung der Tsetsefliegen im früheren Deutsch-Ostafrika. *Deut. med. Wschr.*, 1935, 61: 427. — **Swynnerton, C. F. M.** Some traps for tsetse-flies. *Bull. Entom. Res.*, Lond., 1933, 24: 69-102, 3 pl. — **Symes, C. B., & Vane, R. T.** The eradication of Glossina palpalis from river areas by the block method. *East Afr. M. J.*, 1937, 14: 34-41, pl. — **Wallace, J. M.** Micro-organisms in the gut of Glossina palpalis. *Ann. Trop. M. Parasit.*, Liverp., 1931-32, 25: 1-19.
- **Ecology.**
- Aillierie.** Enquête sur la mouche tsé-tsé et les trypanosomiasés en Côte-d'Ivoire. *Rec. méd. vét. exot.*, 1930, 3: 28-33. — **Archibald, R. G.** The tsetse fly-belt area in the Nuba Mountain Province of the Sudan. *Ann. Trop. M. Parasit.*, Liverp., 1927-28, 21: 39-44, pl. — **Bouvier, G.** Note sur les tsé-tsés et les trypanosomes du secteur nord pastoral Katanga. *Ann. Soc. belge méd. trop.*, 1934, 14: 401-7. — **Chorley, J. K.** The bionomics of Glossina morsitans in the Umwati fly belt, Southern Rhodesia, 1922-23. *Bull. Entom. Res.*, Lond., 1929-30, 20: 279-301. — **Corson, J. F.** A note on hyrax and dikdiks (*Rhynchotragus*) from areas inhabited by tsetse flies. *J. Trop. M. Hyg.*, Lond., 1936, 39: 138. — **Curson, H. H.** The probable limits of Glossina sp. in Zululand. *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1928-29, 22: 281-4, pl. & map. — **Neitz, W. O.** Approximate distribution of the genus Glossina. *Onderstepoort J. Vet. Sc.*, 1937, 9: 101-4, map. — **Galliard, H.** Glossines du Gabon occidental. *Ann. parasit.*, Par., 1933, 11: 81-92. — **Guibert.** Les glossines du Cameroun. *Bull. Soc. path. exot.*, Par., 1937, 30: 283-6. — **Jackson, C. H. N.** Contributions to the bionomics of Glossina morsitans. *Bull. Entom. Res.*, Lond., 1930-31, 21: 491-527. — **Lesne, P.** Sur la distribution des glossines dans la région du Zambèze de Chemba (Afrique orientale portugaise). *C. rend. Acad. sc.*, 1929, 189: 1313. — **Lewis, E. A.** Tsetse-flies in the Masai reserve, Kenya colony. *Bull. Entom. Res.*, Lond., 1934, 25: 439-55, pl. — **Tsetse-flies in the Ol Orokuti area of the Masai reserve, Kenya Colony.** *Ibid.*, 1937, 28: 395-402. — **Lloyd, L.** Assessment of a tsetse population. *Ibid.*, 1936, 27: 261-7. — **Morris, K. R. S.** The bionomics and importance of Glossina longipalpis Wied. in the Gold Coast. *Ibid.*, 1934, 25: 309-35. — **Nash, T. A. M.** The effect of high maximum temperatures upon the longevity of Glossina submorsitans, Newst., and G. tachinoides, Westw. *Ibid.*, 1935, 26: 103-13. — **The relationship between the maximum temperature, and the seasonal longevity of Glossina submorsitans, Newst. and G. tachinoides, Westw., in Northern Nigeria.** *Ibid.*, 1936, 27: 273-9. — **Climate, the vital factor in the ecology of Glossina.** *Ibid.*, 1937, 28: 75-127, 3 pl. — **The probable effect of densification of woodland upon the distribution of tsetse in Northern Nigeria.** *West Afr. M. J.*, 1938-39, 10: 10-3. — **Pomeroy, A. W. J., & Morris, K. R. S.** The tsetse problem on the Eastern cattle route in the Gold Coast. *Bull. Entom. Res.*, Lond., 1932, 23: 501-18. — **Potts, W. H.** The distribution of tsetse-flies in Tanganyika Territory. *Ibid.*, 1937, 28: 129-48. — **Rodhain, J.** Le recul de la tsé-tsé: Glossina morsitans devant l'occupation européenne au Katanga. *Bull. Soc. path. exot.*, Par., 1926, 19: 222-35. — **Schweitz, J.** La limite actuelle de la G. morsitans autour d'Elisabethville (Katanga) avec quelques considérations sur les causes du recul progressif de cette mouche. *Ibid.*, 1927, 20: 78-87. — **Notes sur la répartition actuelle (en 1925 et 1926) des glossines dans plusieurs régions du Katanga.** *Ann. Soc. belge méd. trop.*, 1927, 7: 111-34, map. — **Le problème des glossines et des trypanosomiasés animales dans la région du lac Kivu.** *Ibid.*, 1929, 9: 391-402. — **Some ecological notes on Glossina newsteadii Austen.** *Ann. Trop. M. Parasit.*, Liverp., 1930-31, 24: 211-6, map. — **Simmons, R. J.** Notes on a tsetse belt in Western Uganda. *Bull. Entom. Res.*, Lond., 1928-29, 19: 421-33, 2 pl., ch. — **Symes, C. B.** Outline of work on G. palpalis in Kenya. *East Afr. M. J.*, 1935-36, 12: 263-81, map. — **Vicars-Harris, N. H.** Glossina swynnertonii, Austen, in relation to various vegetation types. *Bull. Entom. Res.*, Lond., 1936, 27: 533-57, ch. — **Zumpt, F.** Das Glossinenmaterial der deutschen Museen, ein Beitrag zur Verbreitung der Tsetsefliegen. *Arch. Schiffs Tropenhyg.*, 1935, 39: 328-37. — **Das Tsetseproblem im britischen Mandatsgebiet Tanganyika.** *Umschau*, 1939, 43: 420-3.
- **Feeding habit.**
- Harris, R. H. T. P., & Whitnall, A. B. M.** The vegetable diet theory of Glossina pallidipes. *Onderstepoort J. Vet. Sc.*, 1934, 2: 101-11. — **Jackson, C. H. N.** The causes and implications of hunger in tsetse-flies. *Bull. Entom. Res.*, Lond., 1933, 24: 443-82. — **An experiment on the feeding habits of Glossina swynnertonii (Dipt.)** *Ibid.*, 1931, 22: pt 2, 175-81. — **Johnson, W. B., & Rawson, P. H.** Use of the precipitin test to determine the food supply of tsetse flies; a preliminary note. *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1927-28, 21: 135-49. — **Lester, H. M. O., & Lloyd, L.** Notes on the process of digestion in tsetse-flies. *Bull. Entom. Res.*, Lond., 1928-29, 19: 39-60. — **Symes, C. B., & McMahon, J. P.** The food of tsetse-flies (Glossina swynnertonii and G. palpalis) as determined by the precipitin test. *Ibid.*, 1937, 28: 31-42. — **Wigglesworth, V. B.** Digestion of the tsetse-fly; a study of structure and function. *Parasitology*, Lond., 1929, 21: 288-321, pl.
- **Trypanosoma infection.**
- Adams, A. R. D.** The action of various sera, in vitro, on the gut and salivary gland forms of T. rhodesiense and T. gambiense from Glossina palpalis. *Ann. Trop. M. Parasit.*, Liverp., 1931, 25: 299-311. — **Broom, J. C., & Brown, H. C.** The electric charge of trypanosomes in tsetse flies. *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1937-38, 31: 81-6. — **Bruce, D., Hamerton, A. E.** [et al.] Trypanosomes found in wild Glossina morsitans and wild game in the fly belt of the upper Shire Valley. *Proc. R. Soc.*, Lond., 1914, ser. B, 88: 38-41. — **Burt, E.** A simple and rapid method for extraction of the salivary ducts of Tsetse-fly, suitable for trypanosomiasis examinations. *Ann. Trop. M. Parasit.*, Liverp., 1936, 30: 265. — **Corson, J. F.** A note on tsetse flies. *J. Trop. M. Hyg.*, Lond., 1932, 35: 97. — **The resistance of Trypanosoma rhodesiense to normal human blood-serum in relation to cyclical-passage through tsetse flies.** *Ibid.*, 1933, 36: 365-7. — **A high rate of salivary gland infection of Glossina morsitans with Trypanosoma rhodesiense.** *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1934-35, 28: 501-4. — **Experimental transmission of Trypanosoma rhodesiense through antelopes and Glossina morsitans to man.** *J. Trop. M. Hyg.*, Lond., 1935, 38: 9-11. — **Experimental transmission of Trypanosoma rhodesiense by Glossina morsitans from man to sheep and back to man.** *Ibid.*, 1936, 39: 125. — **A second note on a high rate of infection of the salivary glands of Glossina morsitans after feeding on a redbuck infected with Trypanosoma rhodesiense.** *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1936-37, 30: 207-12. — **Experimental transmission of Trypanosoma gambiense by Glossina morsitans through monkeys.** *Ann. Trop. M. Parasit.*, Liverp., 1936, 30: 389-400. — **The use of isolated infective flies in transmission experiments with Glossina morsitans and Trypanosoma rhodesiense.** *J. Trop. M. Hyg.*, Lond., 1937, 40: 248. — **The virulence of Trypanosoma rhodesiense in relation to cyclical passage through Glossina morsitans.** *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1937-38, 31: 251-4. — **A third note on a strain of Trypanosoma gambiense transmitted by Glossina morsitans.** *Ann. Trop. M. Parasit.*, Liverp., 1938, 32: 245-8. — **A final note on a strain of Trypanosoma gambiense transmitted through monkeys by Glossina morsitans.** *Ibid.*, 1939, 33: 91-3. — **Curson, H. H., & Papert, J. L.** Glossina and pagana in the Ngotshe and Piet Retief Districts. *Tr. R. Soc. Trop. M. Hyg.*, Lond., 1930-31, 24: 309-12. — **Duke, A. L.** On the effect on the longevity of G. palpalis of trypanosome infections. *Ann. Trop. M. Parasit.*, Liverp., 1928-29, 22: 23-32. — **On the susceptibility of the 2 sexes of G. palpalis to infection with T. gambiense and T. rhodesiense.** *Ibid.*, 1930-31, 24: 95. — **Studies on the factors that may influence the transmission of the polymorphic trypanosomes by tsetse; a review of existing knowledge on this subject, with some general observations.** *Ibid.*, 1933, 27: 99-118. — **Glossina morsitans, versus Glossina palpalis as a transmitter of the polymorphic group of trypanosomes.** *Ibid.*, 1933-34, 27: 123-30. — **On the spontaneous disappearance of flagellates from an infected Glossina.** *Ibid.*, 431-5. — **On the effects of temperature.** *Ibid.*, 437-50. — **On the duration of the biological cycle in Glossina.** *Ibid.*, 451-67. — **T. rhodesiense versus T. gambiense: a comparison of their power to develop cyclically in Glossina.** *Ibid.*, 569-84. — **The effect of cyclical passage through Glossina.** *Ibid.*, 1934, 28: 79-91. — **Studies on the factors that may influence the transmission of the polymorphic trypanosomes by tsetse.** *Ibid.*, 244. — **On the transmissibility by Glossina of Trypanosoma brucei, T. rhodesiense and T. gambiense, with special reference to old laboratory strains.** *Parasitology*, Lond., 1934, 26: 153-62. — **On the infectivity to Glossina of the trypanosome in the blood of the mammal.** *Ann. Trop. M. Parasit.*, Liverp., 1935, 29: 131-43. — **On the power of Glossina morsitans and Glossina palpalis to transmit the trypanosomes of the brucei group.** *Ibid.*, 1936, 30: 37. — **Mellanby, K.** A note on the infectivity of Trypanosoma rhodesiense in the crop of Glossina palpalis. *Ibid.*, 39. — **Graf.**

Beitrag zur Pathologie des Glossina palpalis-Stichs und der Inkubationszeit bei Schlafkrankheit. Arch. Schiffs Tropenhyg., 1929, 33: 219-22.—**Harding, R. D.** The effect of a diet of human blood on Trypanosoma brucei developing in Glossina tachinoides. Ann. Trop. M. Parasit., Liverpool, 1940, 34: 97-9.—**Hoare, C. A.** The peritrophic membrane of Glossina and its bearing upon the life-cycle of Trypanosoma grayi. Tr. R. Soc. Trop. M. Hyg., Lond., 1931, 25: 57-64.—**Kunert, H., & Krause, M.** Findet in Glossina morsitans eine zyklische Entwicklung des Trypanosoma evansi statt? Arch. Schiffs Tropenhyg., 1934, 38: 257-9.—**Lloyd, L.** Some factors influencing the trypanosome infection rate in tsetse flies. Tr. R. Soc. Trop. M. Hyg., Lond., 1929-30, 23: 533-42.—**Paisley, J. C.** Note on an attempt to estimate the number of trypanosomes injected by an infective tsetse. West Afr. M. J., 1929-30, 3: 31.—**Morris, K. R. S.** The infection of a guinea-pig with Trypanosoma congolense and T. gambiense from the bite of Glossina longipalpis. Ann. Trop. M. Parasit., Liverpool, 1932, 26: 129-38.—**Murgatroyd, F., & Yorke, W.** Observations on the loss of transmissibility by Glossina morsitans of T. brucei maintained in a European laboratory. Ibid., 1937, 31: 173-94.—**Reichenow, E.** Ueber die Entwicklungsfähigkeit der Kulturformen von Trypanosoma gambiense und T. congolense in Glossinen. Arch. Schiffs Tropenhyg., 1939, 43: 197-202.—**Report of Glossina Sub-Committee.** Tr. R. Soc. Trop. M. Hyg., Lond., 1920-21, 14: 59-62.—**Roubaud, E.** Les modalités atypiques de l'infection trypanosomienne cyclique chez les glossines. Ann. Inst. Pasteur, Par., 1935, 55: 340-64.—**& Colas-Belcour, J.** Essai de transmission de Tryp. gambiense par Glossina palpalis à l'Institut Pasteur de Paris. Bull. Soc. path. exot., Par., 1936, 29: 500-4.—**Taylor, A. W.** Experiments on the mechanical transmission of West African strains Trypanosoma brucei and T. gambiense by Glossina and other biting flies. Tr. R. Soc. Trop. M. Hyg., Lond., 1930-31, 24: 289-303.—**—** The development of West African strains of Trypanosoma gambiense in Glossina tachinoides under normal laboratory conditions, and at raised temperatures. Parasitology, Lond., 1932, 24: 401-18, pl.—**Teichmann, E.** Uebertragungsversuche mit Glossinen. Berl. klin. Wschr., 1914, 51: 299.—**Tsetse fly and sleeping sickness.** Annual Rep. Kenya M. Dep., 1934, pt. 2, 22.—**Van Hoof, L., & Henard, C.** La transmission cyclique de races résistantes de Trypanosoma gambiense par Glossina palpalis. Ann. Soc. belge méd. trop., 1933, 13: 219; 1934, 14: 109.—**& Peel, E.** La piqure de la glossine infectieuse. Ibid., 1937, 17: 59-62.—**—** Influences modificatrices de la transmissibilité cyclique du Trypanosoma gambiense par Glossina palpalis. Ibid., 249-72.—**—** Action de repas médicamenteux sur l'évolution des trypanosomes pathogènes chez la Glossina palpalis. Ibid., 385-440.—**—** L'aptitude de Glossina palpalis au développement de Trypanosoma gambiense est-elle rustique, raciale ou héréditaire? C. rend. Soc. biol., 1937, 125: 1037-9.—**Yorke, W., Murgatroyd, F., & Hawking, F.** Further observations on the transmissibility of trypanamide-resistance by Glossina. Ann. Trop. M. Parasit., Liverpool, 1933, 27: 157-78.—**—** Effect of passage through Glossina on the resistance of a trypanamide-fast trypanosome. Brit. M. J., 1933, 1: 176-9.

GLOSSITIS.

See under Tongue.

GLOSSOLALIA.

See also Dementia [schizophrenic] Speech; Language.

CÉNAC, M. *De certains langages créés par des aliénés; contribution à l'étude des glossolalies. 128p. 8° Par., 1925.

Teulié, G. Une forme de glossolalie; glossolalie par suppression littéraire. Ann. méd. psychol., Par., 1938, 96: pt 2, 31-51.

GLOSSOPHARYNGEAL nerve.

See also Cerebral nerves; Taste; Tongue.

Dana, C. L. The story of the glossopharyngeal nerve, and 4 centuries of research concerning the cranial nerves of man. Arch. Neur. Psychiat., Chic., 1926, 15: 675-85.—**D'Avino, A.** Anatomia chirurgica del nervo glosso-faringeo. Riforma med., 1936, 52: 717-22.—**Laskiewicz, A.** Sur les affections du nerf glossopharyngien. Rev. laryng., Bord., 1935, 56: 408-26, pl.—**Liazhkov, V. F.** On the trophic function of the glossopharyngeal nerve. Bull. biol. méd. exp. URSS, 1936, 1: 181.—**Pominé, B., & Duguet, J.** Fisiologia del nervo glosso-faringeo. Biol. méd., Milano, 1934, 10: 263-86.—**Reichert, F. L., & Poth, E. J.** Recent knowledge regarding the physiology of the glossopharyngeal nerve in man with an analysis of its sensory, motor, gustatory and secretory functions. Bull. Johns Hopkins Hosp., 1933, 53: 131-9.—**Remaggi, P. L.** Osservazioni sulla partecipazione del glosso-faringeo all'innervazione dell'epiglottide. Valsalva, 1939, 15: 422-5.—**Simonetta, B.** Sulla presenza di un ganglio nervoso nel ramo linguale del glosso-faringeo della pecora; ricerche embriologiche e comparative sui gangli simpatici del glosso-faringeo dell'uomo e di altri mammiferi. Arch. ital. anat., 1930-31, 28: 1-21.—**—** Sulla partecipazione del N. glosso-faringeo all'innervazione secretoria delle ghiandole

selivari della lingua. Ibid., 253-67, 2 pl.—**Tarlov, I. M.** Sensory and motor roots of the glossopharyngeal nerve and the vagus-spinal accessory complex. Arch. Neur. Psychiat., Chic., 1940, 44: 1018-21.—**Taylor, E. W.** Glossopharyngeal (ninth) nerve. In Mod. Med. (Osler) Phila., 1910, 7: 570.—**Zotterman, Y.** Action potentials in the glossopharyngeal nerve and in the chorda tympani. Skand. Arch. Physiol., Berl., 1935, 72: 73-7.

— Neuralgia.

CONVERSE, J. M. *Les névralgies [du glosso-pharyngien; leur traitement neuro-chirurgical; résumé des connaissances actuelles sur la physiologie du nerf. 75p. 8° Par., 1935.

Albright, G. C. Glossopharyngeal neuralgia. Laryngoscope, 1926, 36: 407-10.—**Aprile, V.** Sulla terapia medica della nevralgia essenziale del glosso-faringeo; due casi di guarigione. Boll. mal. orecchio, 1938, 56: 365-72.—**Bailey, A. A., & Love, J. G.** Glossopharyngeal neuralgia; report of case. Proc. Mayo Clin., 1940, 15: 5.—**Bieder, V. M.** [Case of genuine neuralgia of the glosso-pharyngeal nerve] Khirurgia, Moskva, 1938, No. 4, 154-7.—**Charbonnel, A.** Propos de la névralgie du glosso-pharyngien. Mém. Acad. chir., Par., 1936, 62: 514.—**& Pichaud, F.** Névralgie du glosso-pharyngien gauche. Bull. Soc. nat. chir., Par., 1934, 60: 1171-3.—**Chiariello, A. G.** Contributo alla conoscenza delle nevralgie associate del glosso-faringeo e del trigemino. Minerva med., Tor., 1937, 28: 623-7.—**Clinton, F. S., & Ward, B. W.** Glossopharyngeal neuralgia with a case report. J. Okla. M. Ass., 1932, 25: 194-7.—**Cohen, H.** Glosso-pharyngeal neuralgia. J. Lar. Otol., Lond., 1937, 52: 527-36, 4 pl.—**D'Avino, A.** Nevralgia del glosso-faringeo; intervento; guarigione; considerazioni sulla fisiopatologia del IX. Riforma med., 1940, 56: 538-41.—**Erickson, T. C.** Paroxysmal neuralgia of the tympanic branch of the glossopharyngeal nerve. Canad. M. Ass. J., 1935, 33: 647-50.—**Fonio, A.** Ein Fall von Glossopharyngeusneuralgie. Deut. Zschr. Chir., 1927, 207: 325-51. Also Schweiz. med. Wschr., 1928, 58: 161.—**Goldstein, P., & Opalski, A.** [Case of neuralgia of the glosso-pharyngeal nerve] Lek. vojsk., 1935, 25: 469-77.—**Goodyear, H. M.** Tic douloureux du glosso-pharyngeal nerve; report of a case. Arch. Otolaryng., Chic., 1927, 5: 341-3. Also J. Med., Cincin., 1927-28, 8: 142.—**Hansel, F. E.** Glossopharyngeal neuralgia; a report of 5 cases. Ann. Otol. Rhinol., 1928, 37: 440-51.—**Helmsmoortel, J., jr.** Un cas de névralgie du nerf glosso-pharyngien. Ann. méd. psychol., Par., 1940, 98: 367.—**Hoover, W. B., & Pappen, J. L.** Glossopharyngeal neuralgia. Tr. Am. M. Ass., 1936, Sect. Lar. Otol., 151-61. Also J. Am. M. Ass., 1936, 107: 1015-8.—**Jefferson, G.** Glossopharyngeal neuralgia. Lancet, Lond., 1931, 2: 397-9.—**Keith, W. S.** Glossopharyngeal neuralgia. Brain, Lond., 1932, 55: 357-60.—**Kojen, L., & Alfandary, I.** A propos d'un nouveau cas de névralgie du glosso-pharyngien. Mém. Acad. chir., Par., 1939, 65: 414-8.—**Lastros, J. B., López, A., & Cockburn, J. E.** Un caso de neuralgia del glosso-faringeo. Rev. méd. peru., 1910, 12: 160-3, pl.—**Law, T. B.** A case of primary glosso-pharyngeal neuralgia. Med. J. Australia, 1939, 2: 252.—**Leroux, L., & Coste, F.** Névralgie du glosso-pharyngien ou syndrome styloïdien? Rev. otoneur., Par., 1935, 13: 462-4.—**Märer, I.** [Glossopharyngeal neuralgia in diabetes] Gyógyászat, 1934, 74: 725.—**Martin, J. P.** A case of glossopharyngeal neuralgia. Brit. M. J., 1931, 1: 533. Also Mém. Acad. chir., Par., 1936, 62: 376-85.—**Miller, L. A.** Tic douloureux du glosso-pharyngeal nerve. Ohio M. J., 1926, 22: 214.—**Peet, M. M.** Glossopharyngeal neuralgia. Ann. Surg., 1935, 101: 256-68. Also In Surgery (Ravdin, I. S.) Phila., 1935, 256-68.—**Raney, R. B., & Bullis, J. A. E.** Glossopharyngeal neuralgia. Bull. Los Angeles Neur. Soc., 1936, 1: 39.—**Reichert, F. L.** Glossopharyngeal neuralgia. West. J. Surg., 1931, 39: 347-53.—**Singleton, A. O.** Glossopharyngeal neuralgia. Tr. South. Surg. Ass. (1925) 1926, 38: 230-7, 3 pl.—**Sölling, H. A.** [Genuine glossopharyngeal neuralgia] Nord. med., 1939, 4: 3314.—**Terracoli, J.** La névralgie du nerf glosso-pharyngien. Rev. otoneur., Par., 1933, 11: 161-70.—**Torraca, L.** Nevralgia del glosso-faringeo. Rass. clin. sc., 1937, 15: 315-22.—**Trambusti, A.** La nevralgia del glosso-faringeo. Ann. clin. odont., Roma, 1933, 10: 450-4.—**Vasilescu, N. C.** [Essential, glossopharyngeal neuralgia] România med., 1937, 15: 26.—**Young, A. W., & Tarlov, I. M.** Glossopharyngeal, ninth, nerve. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 10: 470-3.

— Neuralgia: Treatment.

Badouin, A., Petit-Dutailis, D. [et al.] Un cas de névralgie du glosso-pharyngien; névrotomie juxtabulbaire (méthode de Dandy) Rev. neur., Par., 1933, 40: pt 2, 852 6.—**Caussé, R.** Aspect du pharynx et du voile du palais après section du glosso-pharyngien. Rev. otoneur., Par., 1937, 15: 213.—**Chavany, J. A., & Welti, H.** La névralgie du nerf glosso-pharyngien; sa symptomatologie et son traitement chirurgical. Presse méd., 1932, 40: 999-1001.—**Dandy, W. E.** Glossopharyngeal neuralgia (tic douloureux) its diagnosis and treatment. Arch. Surg., 1927, 15: 198-214.—**Erickson, T. C.** Paroxysmal neuralgia of the tympanic branch of the glossopharyngeal nerve; report of a case in which relief was obtained by intracranial section of the glossopharyngeal nerve. Arch. Neur. Psychiat., Chic., 1936, 35: 1070-5.—**Filatov, A.** Die genuine Neuralgie des Nervus glossopharyngeus und ihre chirurgische Behandlung. Arch. klin. Chir., 1931, 166: 345-55.—**Petit-**

Dutailis, D., & Schnite, P. Névralgie du glosso-pharyngien et son traitement. *Gaz. méd. France*, 1935, 42: 95-9.—**Reichert, F. L.** Three cases of glossopharyngeal neuralgia cured by intracranial section of the nerve. *Surg. Clin. N. America*, 1933, 13: 193-204.—**Singleton, A. O.** Glossopharyngeal neuralgia and its surgical relief. *Ann. Surg.*, 1926, 83: 338-44. Also *Texas J. M.*, 1926-27, 22: 392-5.—**Stoekey, B.** Glossopharyngeal neuralgia. surgical treatment, with remarks on the distribution of the glossopharyngeal nerve. *Arch. Neur. Psychiat.*, Chic., 1928, 20: 702-19. Also *Bull. N. York Acad. M.*, 1928, 2, ser., 4: 831.—**Usadel, W.** Die Neuralgie des N. glossopharyngeus und ihre chirurgische Behandlung. *Chirurg*, 1928-29, 1: 550-5.—**Welti, H., & Chavany, J. A.** Deux cas de névralgie du glosso-pharyngien; section cervicale du nerf. *Mém. Acad. chir., Par.*, 1936, 62: 429-34.

Paralysis.

See also Deglutition, Disorder.

Aurientis. Paralyse isolée du glosso-pharyngien. *Rev. otoneur.*, Par., 1927, 5: 288.—**Caussé, R.** Les signes de la paralysie du glosso-pharyngien (d'après l'étude des malades ayant subi la section chirurgicale du nerf). *Ann. otolar.*, Par., 1936, 44-58.—**Ferraris, G.** Un caso di paralisi unilaterale pura del glossofaringeo. *Ann. laring.*, Tor., 1932, 32: 168-78.—**Langworthy, O. R.** A case of bilateral paralysis of the glossopharyngeal and vagus nerves in man. *Bull. Johns Hopkins Hosp.*, 1932, 1: 76-84, pl.—**Solomovici, H.** Sur la paralysie isolée du nerf glossopharyngien. *Ann. otolar.*, Par., 1935, 395-9.—**Vernet, M.** Troubles de la déglutition et paralysie du glossopharyngien. *Acta otolar.*, Stockh., 1938, 26: 228-49.—**A propos de la paralysie du glosso-pharyngien; étude critique d'après des données expérimentales récentes et les résultats de la neuro-chirurgie.** *Presse méd.*, 1938, 46: 315-9.—**Wolf, H. J.** Ein Fall von isolierter Glossopharyngeuslähmung durch Blutung in der Medulla oblongata. *Deut. Zschr. Nerven.*, 1931, 120: 80-6. Also *Zbl. inn. Med.*, 1931, 52: 812.

GLOSSOPTOSIS.

See under Tongue.

GLOSSY skin.

See Atrophoderma; Dermatoneurosis.

GLOTTIDIUM.

Foote, P. A., & Gramling, L. G. A chemical investigation of the seeds of Glottidium vesicarium, Jacq., Harper. *J. Am. Pharm. Ass.*, 1940, 29: 311.

GLOTTIS.

See also Larynx; Vocal cords; Voice.

Grabower. Die Verteilung und Zahl der Nervenfasern in den Kehlkopfsmuskeln und die Hinfälligkeit des Erweiterers der Stimmritze. *Arch. Laryng.*, Berl., 1904, 16: 189-207, 2 pl.—**Kakeshita, T.** Ueber eine neue Methode zur Messung der beim Stimmbandverschluss wirksamen Kräfte. *Arch. ges. Physiol.*, 1926, 215: 19-21.—**Sunder-Plassmann, P.** Ueber den Nervenapparat des menschlichen Glottisöffners. *Musculus crico-arytaenoides posticus.* *Zschr. Hals & Heilk.*, 1932-33, 32: 586-98.—**Tarneaud, J.** Die Stimmklappe im Zustand der Phonation. *Hals & Arzt.* Teil 1, 1937, 28: 36-48.—**Trendelenburg, W., & Hartmann, W.** Der Ausdruck der Öffnung und Schliessung der Stimmritze in der Periode des Luftklangs; Untersuchungen am Kehlkopfpräparat. *Sitzber. Preuss. Akad. Wiss., phys.-math. Kl.*, 1937, 391-8.—**Trendelenburg, F., & Trendelenburg, W.** Ueber die Ermittlung der Verschlusszeit der Stimmritze aus Klangkurven von Vokalen. *Ibid.*, 265-77.—**Tucker, G., & Aucoin, E.** A glottometer; a graduated laryngeal mirror for measuring the glottic chink and the variations in laryngeal motility. *Tr. Am. Laryng. Ass.*, 1926, 48: 250.

Abnormity, disease, and foreign body.

Barclay, R. A practical suggestion respecting the removal of foreign bodies from the larynx, illustrated by a case of cockle-burr upon the vocal cords. *Med. Fortnightly*, 1905, 28: 433-6. Also *J. Missouri M. Ass.*, 1905-6, 2: 129-34.—**Fornari, G. B.** Sopra due casi di solco glottideo nell'uomo. *Otorinol. ital.*, 1936, 6: 230-4.—**Guastalla, R.** Diaframma laringeo intracordico congenito; contributo allo studio della sua formazione. *Arch. ital. otol.*, 1926, 37: 476-86, pl.—**Haslinger.** Narbige Verwachsung der Stimmblätter; Exzision und Einlegen eines Silberplättchens. *Wien. med. Wschr.*, 1926, 76: 325.—**Hofer, G., & Motloch, T.** Membranöse Verwachsungen der Stimmblätter. *Msehr. Ohrenh.*, 1936, 79: 576-81.—**Kelemen, G.** Sulcus glottideus (Citelli) bilateralis. *Zschr. Hals & Heilk.*, 1928-29, 12: 475-81.—**Majzoub, O.** Congenital glottic stenosis or web of the larynx. *Laryngoscope*, 1937, 47: 280.—**Ormerod, F. C.** Stenosis of glottis following tuberculosis of larynx. *Proc. R. Soc. M. Lond.*, 1933, 26: 237.—**Seemann, M.** Androgottie bei Schwernern. *Wien. med. Wschr.*, 1932, 82: 918; 970.—**Shie, M. D.** Foreign body in the glottis. *J. Am. M. Ass.*, 1929, 92: 647.

Edema.

See also Larynx, edema.

Bernfeld, K., & Druckmann, A. Akutes Arytaenoidknorpelödem als Röntgenfrühreaktion nach einer Halsdrüsenbestrahlung. *Msehr. Ohrenh.*, 1928, 62: 393-6.—**Bolten, G. C.** [Case of unilateral recurrent edema of glottis] *Genesk. gids*, 1927, 5: 881-8.—**Gottschalk, A.** Ueber einen weiteren Fall von Narkosegefährdung durch Glottisödem ohne Prodromal-symptome. *Zbl. Chir.*, 1930, 57: 1421.—**Lesage, J.** Oedème de la glotte chez un chien. *Bull. Soc. centr. méd. vét.*, Par., 1903, 57: 552-4.—**Markowicz, H.** Flottierende ödematöse Säckchen am Rande der Stimmblätter. *Msehr. Ohrenh.*, 1935, 69: 758.—**Nördlinger.** Lobelin bei anaphylaktischem Glottisödem. *Ther. Gegenwart*, 1927, 68: 93.—**Ripoli.** Observation d'un cas de laryngite sous-muqueuse (oedème de la glotte de Bayle) chez un enfant épileptique; laryngo-trachéotomie, succès; récédive, mort. *J. méd. Toulouse*, 1855, 2, sér., 5: 129; 173.—**Ruprecht, M.** Zur Kenntniss der Laryngitis submucosa acuta. *Msehr. Ohrenh.*, 1905, 39: 49-57.—**Sedziak, J.** [On the pathology and treatment of laryngitis submucosa acuta] *Przegl. lek.*, 1908, 47: 43; 57.—**Vass, A.** Ein aussergewöhnlicher Fall von Glottisödem. *Zbl. Chir.*, 1930, 57: 1419-21.

Paralysis.

See Larynx, Paralysis.

Spasm [Laryngismus stridulus]

Bartels, H., & Jordans, G. [Case of laryngismus stridulus with chronic kidney disease] *Genesk. gids*, 1928, 6: 649-54.—**Barwell, H.** Spasm of the glottis in adults and children. *Lancet*, Lond., 1926, 2: 32.—**Boris.** Présentation d'un malade pour diagnostic. *Ann. otolar.*, Par., 1937, 940.—**Brewer, N., Luckhardt, A. B., & Bryant, D. S.** Reflex closure of the glottis by stimulation of afferent (visceral) nerves. *Current Res. Anesth.*, 1934, 13: 257-9.—**Cisler, J.** Contribution à l'étude des spasmes glottiques. *Arch. internat. laryng.*, Par., 1926, 32: 389-95.—**Cole, W. H.** Experimental and clinical studies on laryngeal spasm and so-called tracheal collapse. *Tr. Am. Ass. Goiter*, 1938, 469-81. Also *Arch. Surg.*, 1939, 39: 10-27.—**Crawford, L. P.** Treatment of spasmodic croup based upon clinical findings in the colon. *N. England J. M.*, 1931, 204: 437-9.—**D'Onofrio, F.** Gli spasmi della laringe nei tubercolotici. *Gior. fisiol.*, 1935, 13: 14.—**Gallina, V.** Un caso di pseudocroup. *Valsalva*, 1926, 2: 265-9.—**Games, F.** Espasme laringeo y amigdalectomia. *Rev. As. méd. argent.*, 1934, 48: 31-5.—**Gauthier, E.** Spasmes laryngo-bronchiques traités par l'intubation trachéoscopique; guérison. *Rev. méd. est.*, 1908, 40: 274-8.—**Holzmann, E.** Milchfreie Ernährung mit Sojamehl beim Laryngospasmus. *Kinderärztl. Prax.*, 1935, 6: 209-11.—**Lepore, M.** La terapia del falso croup. *Gazz. osp.*, 1924, 45: 505.—**Menzel, K. M.** Beitrag zur Kenntnis des einseitigen Kehlkopfkrampfes. *Wien. klin. Wschr.*, 1908, 21: 601-3.—**Neudner, L.** Zur Kenntnis des Kehlkopfkrampfes der Erwachsenen. *Arch. Laryng.*, Berl., 1907, 20: 349-51.—**Pineles, F.** Ueber parathyrogenen Laryngospasmus. *Wien. klin. Wschr.*, 1908, 21: 643-5.—**Stein, S. F.** [Spasm of the laryngeal adductors produced reflexly at will] *Yezhemies, ushn. gorlov. nosov. bolezni*, 1906, 1: 143-8.—**Ventura, E., & Bonafede, A.** Spasmo isterico dei muscoli laringei. In their *Alcuni casi* [etc.] *Valenza*, 1907, 22-7.—**Videbech, H.** Laryngospasmus bei einem 6-jährigen Kinde; tracheotomie. *Zschr. Laryng.*, 1932, 23: 148-50. Also *Ugeskr. laeger*, 1933, 94: 1235.

GLOTZ, Marcelle, 1897— *L'évolution radiologique de la scoliose congénitale par hémivertèbre. 62p. 8 pl. 8°. Par., Press. Univ. France, 1930.

GLOTZBACH, Paul, 1907— *Zur Frage der Häufigkeit des Frühinfiltrates. 70p. 8°. Würzb., Rita Verl., 1936.

GLOUCESTER, Engl. Barnwood House; Hospital for the Insane. Annual report. Gloucester, 19.-73., 1878-1932.

GLOUCESTER, Engl. County Lunatic Asylum. Annual report. Gloucester, 13.-82., 1836-1905.

GLOUCESTERSHIRE Co., Engl. County Medical Officer of Health; Health Department. Annual report. Gloucester, 1910-

GLOUCESTERSHIRE training college of domestic science. Communal dietaries in wartime. 48p. 21½cm. Lond., Univ. London Press [1939]

GLOVE.

See also Dermatitis, venenata.

Dermatitis from rubber gloves. Connecticut Health Bull., 1939, 53: 297.—**Downing, J. G.** Dermatitis from rubber

gloves. N. England J. M., 1933, 208: 196-8.—Galloro, S. Il lavoro nell'industria guantaria napoletana. *Fol. med.*, Nap., 1935, 21: 1235-50.—Parkhurst, H. J. Dermatitis venenata due to deerskin gloves. *J. Am. M. Ass.*, 1932, 99: 301.—Sézary, A., & Deval, L. Dermite artificielle causée par gants noirs. *Bull. Soc. fr. derm. syph.*, 1932, 39: 1370-2.—Simon, C. Une nouvelle rançon de la mode; dermite artificielle due à des gants noirs. *Bull. méd.*, Par., 1933, 47: 168.

— surgical.

See also **Rubber**.

UNITED STATES. BUREAU OF STANDARDS. Surgeons' latex gloves. Commercial standard CS41-32. Issued September 8, 1932, effective for new production July 6, 1932; a recorded standard of the industry. 10p. 8° Wash., 1932.

Chevassu, M. La réparation des gants de caoutchouc. *Mém. Acad. chir.*, Par., 1939, 65: 1073-5.—Ebstein, E. Zur Geschichte der Operationshandschuhe. *Msehr. Geburtsh. Gyn.*, 1926, 73: 341-4.—Fenger, M. [Observations on rubber gloves] *Ugeskr. laeger*, 1935, 97: 172-4.—Freedom of motion; an important feature and one of the many finer qualities built into Wilson curved finger latex gloves. *Surg. Equip.*, 1938, 5: No. 2, 9.—Gants (Les) de caoutchouc en clientèle. *J. sc. méd. Lille*, 1923, 41: pt 2, 113.—Glaserwald, Regenschirmhalter für Gummihand. *Arch. orthop. Unfallchir.*, 1927, 25: 262.—Krecke, A. Ueber Gummihandschuhe. *Münch. med. Wschr.*, 1933, 80: 1353-6.—Little streams of liquid latex become mighty safeguard of mankind. *Surg. Equip.*, 1934, 4: No. 1, 16.—Nehr Korn, A. Ueber Bunahandschuhe. *Zbl. Chir.*, 1938, 65: 451-3.—Operating fatigue reduced with curved finger latex gloves. *Surg. Equip.*, 1935, 2, 6: 22.—Pels-Leusden. Zur Frage der Gummihandschuhe. *Arch. klin. Chir.*, 1927, 145: 22-33.—Raw (From) rubber to operating room. *Surg. Equip.*, 1934, 1: 22.—Sevket, K. [History of the surgeon's glove] *Askeri sikhhiye mecmuasi*, 1932, 61: 83-91.—Seyfried, F. R. Dermatoid glove. U. S. Patent Off., 1937, No. 2,074,762, pl.—Story (The) of liquid latex and how it reduces your glove costs. *Surg. Equip.*, 1940, 7: 13.—Your (At) fingers' ends. *Ibid.*, 1934, 2: 20.—Zweifel, E. Ein neuer Untersuchungs- und Verbandhandschuh. *Deut. med. Wschr.*, 1933, 59: 618.

— surgical: Sterilization.

Brak, A. M. [Application of chloramin for sterilization of surgical rubber gloves during field surgery] *Khirurgia*, Moskva, 1939, No. 9, 8-12.—Delépine, J. Méthode pratique pour la stérilisation des gants. *J. sc. méd. Lille*, 1920, 38: pt 2, 195-7.—Demb, I. G. [Further investigations on application of antiseptic (cold) treatment of rubber gloves] *Khirurgia*, Moskva, 1939, No. 10, 11-4.—Dmitruk, I. D. [Investigations on the use of chemically disinfected rubber gloves] *Ibid.*, 1937, No. 11, 183.—Fiorini, E. Ricerche batteriologiche nelle mani dopo interventi operativi con guanti di gomma. *Gior. batt. immun.*, 1933, 10: 945-56. — Sulla sterilizzazione dei guanti di gomma. *Riv. chir.*, Nap., 1936, 2: 465-73.—Guyot, J. Stérilisateur transportable pour gants. *P. verb. Ass. fr. chir.*, 1912, 25: 1023.—Hailer, E., & Totzeck, W. Die Sterilisation der Gummihandschuhe mit der Sagrotan-Vasoform-Methode. *Münch. med. Wschr.*, 1939, 86: 331.—Hoyt, A. Studies on rubber glove sterilization and the use of sterility indicators. *J. Lab. Clin. M.*, 1934, 19: 382-90.—Kozłowski, B. Praktyczne Erfahrung über Sterilisierungsmethoden von Gummihandschuhen. *Münch. med. Wschr.*, 1911, 58: 2741.—Levkov, B. A. [Cold sterilization of rubber gloves by chloracid] *Khirurgia*, Moskva, 1938, No. 11, 95-100.—Makarenko, V. A. [Disinfection of surgical rubber gloves with chloramin] *Vest. khir.*, 1940, 59: 10-3.—Noort, D. W. van [Formaldehyde sterilization of rubber gloves] *Ned. tschr. geneesk.*, 1935, 79: 991-3.

GLOVER, James, 1882-1926.

See Jones, Ernest. Social aspects of psycho-analysis [&c.] 240p. 8° [Lond.] 1924.

For biography see *Internat. J. Psychoanal.*, Lond., 1927, 8: 1-9 (E. Jones)

GLOVER, James Alison, 1876—

A report on chronic arthritis; with special reference to the provision of treatment. x, 103p. 8° Lond., H. M. Stat. Off., 1928.

Forms No. 52, Rep. Pub. Health & M. Subj. Gr. Britain Min. Health.

GLOVER, T. J., & ENGLE, J. L. Studies in malignancy; production of metastasizing tumors in guinea pigs and albino rats following the inoculation of a bacterial suspension containing a micro-organism obtained from human cancer. 69p. illust. 27cm. N. Y., Murdock Found. [1938]

GLOVERSVILLE, N. Y. Mayor's Office. Mayors message and annual report. Gloversville, 1900-24.

GLOWINSKI, Boruch Izaak, 1903— *Le traitement de la maladie de Parkinson par la datura injectable. 47p. 8° Par., Jouve & cie, 1933.

GLOY, Alex [Max Alexander] 1896— *Ueber die Wirkungen des Calciumcarbonats und des Calciumchlorids bei der Getreideschnellmast von Schweinen [Kiel] p.139-71. 8° Berl., J. Springer, 1930.

GLOY, Olga Helen Marie, 1899— *Vitamin B determination and requirements with special reference to protein intake [Columbia Univ.] 27p. 8° N. Y., Lansing-Broas Print., 1927.

GLOYNE, Stephen Roodhouse. The clinical pathology of thoracic puncture fluids. vii, 83p. 6 pl. 8° Lond., J. Bale, Sons & Danielsson, 1930.

GLUARD, André, 1914— *A propos de 2 complications rares des corps étrangers des voies aériennes. 30p. 24½cm. Par., Jouve, 1940.

GLUC ...

For subjects beginning with these letters see also **Glyc ...**

GLUCAGON.

See **Blood sugar**, Regulation: Pancreas: Anti-insulin.

GLUCAN.

See **Glucosan**.

GLUCANASE.

See also names of glucosans as **Amylum**; **Cellulose**, &c.; also proper names of glucanases as **Glycogenase**.

Blom, J., Bak, A., & Braae, B. Untersuchungen über den enzymatischen Abbau der Stärke. *Zschr. physiol. Chem.*, 1936, 241: 273-87.—Myrbäck, K. Ueber den enzymatischen Abbau der Stärke. *Skand. Arch. Physiol.*, Berl., 1937, 77: 58.—Oppenheimer, C. Glucanases. In *Fermente* (Oppenheimer, C.) 1936, Suppl., 1: 495-511.—Orestano, G. Cinetica della fluidificazione e saccarificazione enzimatica dell'amido. *Boll. Soc. ital. biol. sper.*, 1930, 5: 442-6.—Waldschmidt-Leitz, E., Samec, M., & Mayer, K. Enzymatische Dephosphorylierung von Weizenstärke. *Zschr. physiol. Chem.*, 1937, 250: 192-6.

GLUCASE.

See also **Carbohydraz**; **Dehydrogenase**; **Glucose**; **Fermentation**.

Harrison, D. C. Glucose dehydrogenase: a new oxidising enzyme from animal tissues. *Biochem. J.*, Lond., 1931, 25: 1016-27. — The product of the oxidation of glucose by glucose dehydrogenase. *Ibid.*, 1932, 26: 1295-9. — Glucose dehydrogenase: preparation and some properties of the enzyme and its coenzyme. *Ibid.*, 1933, 27: 382-6.—Müller, D. Das Verhalten der Glykoseoxydase gegenüber Dialyse, HCN, CO und Methylenblau. *Biochem. Zschr.*, 1929, 213: 211-9. — Glykoseoxydase; Glykoseoxydase aus *Aspergillus niger*; Verhalten gegen Disaccharide (Maltoseoxydase) Glykuronsäure und Äthylalkohol; Versuche mit Methylenblau und Monojodessigsäure. *Ibid.*, 1931, 232: 423-34.

GLUCIDE.

See also **Carbohydrates**; **Glucoside**; **Glycolipid**; **Glycoprotein**, &c.

Armstrong, E. F. The chemistry of the carbohydrates and the glycosides. *Annual Rev. Biochem.*, 1938, 7: 51-76.—Belval, H. Les transformations des glucides dans le bananier; formation de l'amidon dans les fruits. *C. rend. Acad. sc.*, 1930, 190: 886-8.—Dumazert, C., & Penet, G. Sur la fermentation des glucides en solutions très diluées. *C. rend. Soc. biol.*, 1940, 133: 148.—Gardner, R. The carbohydrates and glucosides. *Australas. J. Pharm.*, 1925, n. ser., 6: 480-2.—Gurin, S., & Hood, D. B. The identification and estimation of hexoses in polysaccharides and glycoproteins by the carbazole method. *J. Biol. Chem.*, 1939, 131: 211-23. Also repr.—Prévot, A. R.,

& Veillon, R. Recherches sur la nature de la fermentation des glucides par *Ramibacterium ramosum* Veillon et Zuber. C. rend. Soc. biol., 1938, 128: 451; 1939, 132: 239.—Wurmser, R., & Loureiro, J. A. de. La réversibilité de l'oxydation de certains dérivés des glucides, en particulier de l'acide ascorbique. In Probl. biol. med. (Leontovich, A. V.) Moskva, 1935, 484-96.

GLUCINIUM.

See Beryllium.

GLUCK, Charles, 1885—Permanent good health; the control of our common foundation of disease. xv, 335p. pl. 8°. N. Y., Permanent Good Health Pub. Co. [1936]

GLUCK, Coloman, 1902—*Les phénomènes de choc consécutifs aux transfusions sanguines indépendamment de toute incompatibilité de groupes sanguins. 88p. 8°. Par., Libr. Le François, 1933.

GLUCK, Ernest, 1899—*A propos d'une observation de pleurésie adhésive au cours du pneumothorax artificiel. 51p. 8°. Par., Jouve & cie, 1927.

GLUCK, Léopold, 1904—*Les contre-indications du traitement des varices par les injections sclérosantes (en particulier par le salicylate de soude) 52p. 8°. Par., A. Legrand, 1930.

GLUCK, Themistokles, 1853—[Autobiography] Med. Gegenwart (Grote) Lpz., 1927, 6: 89-140, portr.—Hohmann, G. [Biography] Zschr. orthop. Chir., 1933, 60: 279.—Lange, F. [Biography] Münch. med. Wschr., 1933, 80: 1895-9, portr.—Marschik, H. Themistokles Glucks Leben und Werk. Mschr. Ohrenh., 1933, 67: 1277; 1400.

GLUCKBERG, Alexandre, 1911—*La diurèse des cardiaques par association des diurétiques mercuriels aux tonocardiaques. 46p. 8°. Par., Libr. M. Vigné, 1937.

GLUCKER, A. Frisch und frei: Gymnastik der Frau in allen Lebensaltern. 5. Aufl. 31p. illust. pl. 8°. Stuttg., Franck [1936]
—Schlank werden, schlank bleiben auf natürlichem Wege ohne Entbehrungen. 61p. illust. pl. tab. 8°. Stuttg., Süddeut. Verl., 1936.

GLUCKLICH, Wilhelm, 1911—*Sur quelques syndrome d'infantilisme. 66p. 8°. Par., Lipschutz, 1936.

GLUCKMAN, Earl, 1909—*Sur un cas de cryptoleucémie aiguë. 58p. 8°. Par., M. Lavergne, 1937.

GLUCKMAN, Henry. Lecture on gonorrhoeal and syphilitic affections, with a special lecture on the thermo-electric treatment of gonorrhoea. xiii, 352p. illust. pl. diags. 8°. [Johannesburg, Hortors, 1931]

GLUCO-CHLORAL.

See Chloral, Glucose.

GLUCOKININ.

See also Insulin, plant.

Arulani, C. Sostanze insulino-simili di origine vegetale. Probl. aliment., Roma, 1939, 2. ser., 3: 124-37.—**Kaufmann, E.** Insulinartige Pflanzenextrakte. Verh. Deut. Ges. inn. Med., 1926, 38. Kongr., 450-3.—**Mayer, C.** Die Glukokinine. Hippokrates, Stuttg., 1938, 9: 983.

GLUCOLIPID.

See Glycolipid.

GLUCONIC acid.

See also Carbohydrates, Types: Saccharide derivatives: Acids; **Glucose**, Acids.

Bennet-Clark, T. A. Polarimetric determination of gluconic acid. Biochem. J., Lond., 1934, 28: 45-7.—**Bernhauer, K.**, & **Görlich, B.** Oxydationen mittels Essigbakterien; über die Bildung von 2-Keto-gluconsäure durch Bact. gluconicum.

Biochem. Zschr., 1935, 280: 367-74.—**Bernhauer, K.**, & **Irrgang, K.** Zur Kenntnis der Zuckercarbonsäuren; ein Beitrag zur Darstellung der Gluconsäure. Ibid., 1932, 249: 227-33.

Oxydationen mittels Essigbakterien; über die Bildung einer reduzierenden Zuckercarbonsäure (Aldehydgluconsäure) neben 5-Keto-gluconsäure. Ibid., 1935, 280: 360-6.—**Bernhauer, K.**, **Siebenäuger, H.**, & **Tschinkel, H.** Zum Chemismus der Citronensäurebildung durch Pilze; über die Umwandlung der Zuckersäure. Ibid., 1931, 230: 466-74.—**Hermann, S.**, & **Neuschul, P.** Kontinuierliche Glukonsäuredarstellung mittels Bact. gluconicum (Hermann) Zbl. Bakt., 2. Abt., 1935-36, 93: 25-31.—**Herrick, H. T.**, & **May, O. E.** The production of gluconic acid by the *Penicillium luteum* purpurogenum group; some optimal conditions for acid formation. J. Biol. Chem., 1928, 77: 185-95.—**Levene, P. A.** Introduction of benzylidene-1-ethyl-2-diazogluconate. Ibid., 1922, 54: 809-13.—**May, O. E.** The micro-biological production of organic acids from carbohydrates with particular reference to the formation of D-gluconic acid from dextrose (1929-31) Bull. George Washington Univ., 1931, 34. —**Herrick, H. T.** [et al.] The production of gluconic acid by the *Penicillium luteum*-purpurogenum group. J. Biol. Chem., 1927, 75: 417-22.—**Niederhoffer, P.** Spektrographische Untersuchung der 2-Keto-Gluconsäure im Ultraviolett. Zschr. physiol. Chem., 1929, 181: 83-7.—**Schott, E.** Ueber Verhalten von Glykonsäure und Zuckersäure im Organismus. Arch. exp. Path., Lpz., 1911, 65: 35-7.—**Schreyer, R.** Vergleichende Untersuchungen über die Bildung von Gluconsäure durch Schimmelpilze. Biochem. Zschr., 1931, 240: 295-325.—**Takahashi, T.**, & **Asai, T.** On gluconic acid fermentation; on *Bacterium hoshigaki* var. *rosea* nov. spec. Zbl. Bakt., 2. Abt., 1930-31, 82: 390-405.

Therapeutic use.

See also Calcium, Compounds: Gluconate.

Bodon, C. [Effect of gluconic acid and hexamethylen tetramine gluconate] Orv. hetil., 1936, 80: 845-9.—**Gold, H.**, **Civin, H.**, & **Salzman, C.** Gluconic acid as a urinary acidifying agent in man. J. Lab. Clin. M., 1938-39, 24: 1139-46.—**Hermann, S.** Zur Pharmakologie der Glukonsäure; ein Beitrag zum Problem der Wirkung freier Säuren im Organismus. Arch. exp. Path., Lpz., 1930, 154: 143; 161; 175. — & **Zentner, M.** Zur Pharmakologie der Mannonsäure und der Lävulin-säure. Ibid., 1937-38, 188: 521-5.—**Sisk, I. R.**, & **Toenhart, O.** Gluconic acid as a urinary acidifying agent. Tr. Am. Ass. Genitourin. Surgeons, 1937, 30: 369-83.

GLUCOPHYLLIN.

Maloney, A. H., **Burton, A. F.**, & **Robinson, J. W. L.** The diuretic action of glucophylline. J. Lab. Clin. M., 1936-37, 22: 600-6.

GLUCOPROTEIN.

See Glycoprotein.

GLUCOSACCHARASE.

See Invertase.

GLUCOSAMINE.

See also Chitin [and derivatives] **Hexosamine**; **Glycoprotein**.

WILAMOWITZ-MOELLENDORFF, M. v. *Ueber das Verhalten des Glucosamins nach Zufuhr per os. 21p. 8°. Bresl., 1935.

Boyer, R., & **Fürth, O.** Untersuchungen zur Charakteristik der Glucoproteide; über die Bestimmung des Glucosamins. Biochem. Zschr., 1935, 282: 242-56.—**Brigl, P.**, & **Keppeler, H.** Kohlenhydrate; über Derivate der 1-Aminoglucose. Zschr. physiol. Chem., 1929, 180: 38-63.—**Cattaneo, C.**, & **Bassani, B.** Immunizzazione sperimentale e contenuto in glucosamina nel siero di sangue. Ann. Ist. Carlo Forlanini, 1940, 4: 170-4.—**Chargaff, E.**, & **Bovarnick, M.** A method for the isolation of glucosamine. J. Biol. Chem., 1937, 118: 421-6. Also repr.—**Griffith, W. H.** Effect of glucosamine and of glycollic acid on detoxication of sodium benzoate in rats. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 216.—**Kawakami, I.** On the decomposition of glucosamine. Fukuoka acta med., 1936, 29: 48.—**Komori, Y.** Zur Kenntnis der Glukosaminverbindungen. J. Biochem., Tokyo, 1926, 6: 1-20.—**Levene, P. A.**, & **Christman, C. C.** The reduction of glucosaminic acid with hydrogen iodide in glacial acetic acid. J. Biol. Chem., 1938 123: 83-5. Also repr.—**Neuberger, A.**, & **Rivers, R. V. P.** The hydrolysis of glucosaminides by an enzyme in *Helix pomatia*. Biochem. J. Lond., 1939, 33: 1580-90.—**Nilson, I.** Zur Bestimmung von Glucosamin in Proteinstoffen. Biochem. Zschr., 1936, 285: 386-9.—**Pauly, H.**, & **Ludwig, E.** Glucosamin als Bildner heterocyclischer Verbindungen. Zschr. physiol. Chem., 1922, 121: 170-6.—**Vellinger, E.** Le pouvoir rotatoire des corps organiques en fonction du pH: la glucosamine. C. rend. Acad. sc., 1926, 182: 1625-7.—**Wedum, A. G.**, & **Walker, A. W.** Bacterial fermentations and the structure of glucosamine. J. Infect. Dis., 1935, 57: 160-3.—**West, R.**, & **Clarke, D. H.**

The concentration of glucosamine in normal and pathological sera. *J. Clin. Invest.*, 1938, 17: 173-8.—**Yositake, M.** Biochemical studies on carbohydrates; glucosamine as a glyco-genetic substance in organisms. *J. Biochem.*, Tokyo, 1939, 30: 423-37. — Biochemical studies on carbohydrates; hyperglycemia after glucosamine injection and the mechanism of its occurrence. *Ibid.*, 439-49.—**Zuckerkindl, F.**, & **Messner-Klebermass, L.** Eine Methode zum Nachweis und zur Bestimmung von Glucosamin. *Biochem. Zschr.*, 1931, 236: 19-28.

GLUCOSAN.

See also names of polyglucosides as **Amylum**; **Carbohydrates**, Types: **Polysaccharides**; 6- osanes; **Cellulose**; **Glycogen**, &c.; see also **Glucanase**.

Deuel, H. J., jr., **Waddell, S. S.**, & **Mandel, J. A.** Animal calorimetry; the physiological behavior of glucosane. *J. Biol. Chem.*, 1926, 68: 801-20.

GLUCOSAZONE.

See under **Glucose**.

GLUCOSE [Dextrose]

See also **Blood sugar**; **Carbohydrates**; **Diet**; **Glucose**; **Glycosuria**; **Hexose**.

Barrenscheen, H. K., & **Fanta, H.** Zur Frage der am-Glucose im tierischen Organismus. *Biochem. Zschr.*, 1935-36, 283: 382-9.—**Clifton, C. E.**, & **Ort, J. M.** Active glucose. *J. Phys. Chem.*, 1930, 34: 855-62.—**Dextrose.** *J. Am. M. Ass.*, 1937, 108: 2039; 1938, 110: 2115.—**Hagedorn, H. C.** [Further researches on neo-glucose] *Hospitalstidende*, 1926, 69: 1025-7.—**Heisler, A.** Traubenzucker. *Aerzt. Rdsch.*, 1933, 43: 29-31.—**Ide, M.** Glucose gamma. *Rev. méd.*, Louvain, 1923, 341; 1924, 352.—**Mezzadrol, G.**, & **Nardella, A.** Il glucosio e la sua preparazione industriale per saccarificazione acida ed enzimatica dell'amido. *Zymologica*, Bologna, 1927, 2: 49; 73.—**Norn, M.** [Studies on glucose] *Hospitalstidende*, 1937, 80: 957; 1939.—**Quagliaricello, G.**, & **DeLucia, P.** Ulteriori ricerche sul neoglucosio. *Boll. Soc. ital. biol. sper.*, 1928, 3: 1314.—**Roncato, A.** Sull'esistenza del neoglucosio. *Ibid.*, 1928, 3: 1314.—**Whistler, R. L.**, & **Buchanan, B. F.** Preparation of β -glucose. *J. Biol. Chem.*, 1938, 125: 557-9. Also repr.—**Wurmser, R.**, & **Gelosio, J.** Etude des solutions actives de glucose. *J. chim. phys.*, Par., 1929, 26: 447-74.

Absorption.

See also subheading **Metabolism**.

Schwahn, F. *Resorptionsversuche am normalen und entzündlich veränderten Meer-schweinchendünndarm mit Traubenzuckerlösungen [Leipzig] p.380-90. 23cm. Berl., 1936.

Also *Mschr. Kinderh.*, 1936, 66:

Abbott, W. O., **Karr, W. G.**, & **Miller, T. G.** Factors concerned in absorption of glucose from the jejunum and ileum. *Am. J. Digest. Dis.*, 1937-38, 4: 742-52.—**Althausen, T. L.**, **Anderson, E. M.**, & **Stockholm, M.** Effect of adrenalectomy and of NaCl on intestinal absorption of dextrose. *Proc. Soc. Exp. Biol.*, N. Y., 1939, 40: 342-4. Also repr.—**Bárány, E.**, & **Sperber, E.** Absorption of glucose against a concentration gradient by the small intestine of the rabbit. *Skand. Arch. Physiol.*, Berl., 1939, 81: 290-9.—**Belini, L.**, & **Pescetto, S. F.** Sull'assorbimento di glucosio in ansa alla vella di cani iper-ed ipoglicemici. *Biochim. ter. sper.*, 1938, 25: 201-6.—**Cascao de Ancieas, J. H.**, & **Trineco, C.** Sur les moyens d'empêcher l'adsorption du glucose par les précipités albumineux. *C. rend. Soc. biol.*, 1928, 98: 1586-8.—**Charvát, J.** [Preparatory metabolic reflexes for reabsorption of glucose] *Cas. lék. česk.*, 1928, 67: 533-7.—**Collens, W. S.**, & **Boas, L. C.** Absorption of dextrose by rectum. *Arch. Int. M.*, 1933, 52: 317-24. Also repr.—**Cori, C. F.**, **Cori, G. T.**, & **Goltz, H. L.** On the mechanism of glucose absorption from the intestinal tract. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 433-6.—**Fenton, P. F.**, & **Pierce, H. B.** Gastric emptying and intestinal absorption of glucose solutions in the rat. *J. Biol. Chem.*, 1940, 133: Proc., 31.—**Freund, I.**, & **Steinhardt, P.** Ueber die Resorptionsverhältnisse von Traubenzucker im menschlichen Magen. *Deut. med. Wschr.*, 1931, 57: 1815-7.—**Gellhorn, E.**, & **Northup, D.** Further quantitative studies in absorption; the influence of acetylcholin on the absorption of glucose. *Am. J. Physiol.*, 1933, 105: 684-6.—**Kokas, E.**, & **Ludány, G.** Action de l'acide chlorhydrique introduit dans le duodénum sur l'absorption intestinale du glucose. *C. rend. Soc. biol.*, 1935, 119: 283-5. — [The effect of cocaine on the glucose absorption in the intestine] *Magy. orv. arch.*, 1937, 38: 172-5.—**Lajos, S.** Glucoseresorption aus dem Darm unter der Wirkung von Opium und Atropin. *Biochem. Zschr.*, 1937-38, 295: 132-44.—**McDougall, E. J.** The influence of the autonomic nerves on the absorption of glucose. *Abstr. Theses Aberdeen Univ.*, 1934, 22.—**MacKay, E. M.**, **Bergman, H. C.**, & **Barnes, R. H.** Rate of absorption of glucose from the intestinal

tract of the rabbit. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 32: 323-6.—**McNealy, R. W.**, & **Willems, J. D.** The absorption of glucose from the colon; a preliminary study of the glucose enema. *Surg. Gyn. Obst.*, 1929, 49: 794-8.—**Maddock, S. J.**, **Trimble, H. C.**, & **Carey, B. W., jr.** Is d-glucose absorbed from the stomach of the dog? *J. Biol. Chem.*, 1933, 103: 285-94.—**Magee, H. E.**, & **Reid, E.** The absorption of glucose from the alimentary canal. *J. Physiol.*, Lond., 1931, 73: 163-83.—**Meythaler, F.**, & **Seefisch, H.** Experimentelle Untersuchungen über die Resorptionsgeschwindigkeit der Glucose im Dünndarm. *Arch. exp. Path.*, Berl., 1935, 178: 467-9.—**Morrison, J. L.**, **Shay, H.** [et al.] Absorption of glucose from the stomach of the dog. *Proc. Soc. Exp. Biol.*, N. Y., 1939, 41: 131-4.—**Murlin, J. R.** The influence of acid and alkali on the absorption of glucose from the intestine. *Proc. Am. Soc. Biol. Chem.*, 1916, 11: p. xxv.—**Phillips, R. A.**, & **Gilder, H.** Metabolism studies in the albino rat; the relation of age, nutrition and hypophysectomy on the absorption of dextrose from the gastrointestinal tract. *Endocrinology*, 1940, 27: 601-4.—**Pierce, H. B.**, **Osgood, H. S.**, & **Polansky, J. B.** Absorption of glucose from alimentary tract of rats deprived of vitamin B complex. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 347.—**Pressman, J. J.** The absorption of glucose per rectum. *Am. J. M. Sc.*, 1930, 179: 520-8.—**Róna, P.**, & **Tóth, K.** [Absorption of grape sugar] *Magy. orv. arch.*, 1914, 15: 353-62.—**Saranza, G.**, & **Ciozzio, C.** Influenza dell'acetilcolina e della pilocarpina sull'assorbimento intestinale del glucosio. *Arch. fisiol.*, Fir., 1935-36, 35: 86-94.—**Shay, H.**, **Gershon-Cohen, J.** [et al.] The absorption and dilution of glucose solutions in the human stomach and duodenum. *Am. J. Digest. Dis.*, 1939-40, 6: 535-44.—**Sutnar, B.** [Absorption of glucose through the rectum] *Cas. lék. česk.*, 1934, 73: 887-9.—**Trimble, H. C.**, & **Maddock, S. J.** The rate of absorption of glucose from the intestine of the dog. *J. Biol. Chem.*, 1934, 107: 133-42. — & **Carey, B. W., jr.** The rate of absorption of glucose from the gastrointestinal tract of the dog. *Ibid.*, 1933, 100: 125-38.—**Verzár, F.**, & **Wirz, H.** Weitere Untersuchungen über die Bedingungen der selektiven Glucoseresorption. *Biochem. Zschr.*, 1937, 292: 174-81.—**Westenbrink, H. G. K.** Ueber den Einfluss von Phosphat auf die Glucoseresorption aus dem Darm. *Acta brevia neerl.*, 1936, 6: 36-8. — Ueber die Beziehung zwischen der Geschwindigkeit der Glucoseresorption, dem Körpergewicht, der Körperoberfläche, dem Darmgewicht und dem Gehalt an Darmphosphatase bei der weissen Ratte und über einen Versuch zur Beeinflussung des Darmphosphatasegehaltes durch die Zusammenstellung der Nahrung. *Arch. neerl. physiol.*, 1936, 21: 18-37.—**Wishnoffsky, M.** Absorption of dextrose from the human gastrointestinal tract. *J. Lab. Clin. M.*, 1934, 19: 1286-93. — **Kane, A. P.**, & **Spitz, W. C.** Influence of fat on the absorption of dextrose from the human alimentary canal. *Am. J. Digest. Dis.*, 1937-38, 40: 174-6.

Acids.

See also **Gluconic acid**; **Glucuronic acid**; **Saccharic acid**.

Hart, J. P., **Sheppard, F.**, & **Everett, M. R.** Preparation of sugar acids from d-glucose. *Proc. Am. Soc. Biol. Chem.*, 1938, 8: No. 7, 52.—**Raistrick, H.**, & **Simonart, P.** 2,5-dihydroxybenzoic acid (gentisic acid) a new product of the metabolism of glucose by *Penicillium griseo-fulvum* Dierckx. *Biochem. J.*, Lond., 1933, 27: 628-33.

Alcohol.

See **Sorbitol**.

amino.

See **Glucosamine**.

Chemistry.

See also **Glycolysis**.

Ashmarin, P. A., & **Braun, A. D.** Katalyse der Lobry de Bruynschen Umwandlung und der Oxymethylfurfural-Zerlegung der Glukose durch Anionen schwacher Säuren. *Bull. biol. méd. exp. URSS*, 1936, 2: 284.—**Bernhauer, K.** Ueber Zuckeroxydationen und -zersetzungen; zum Verhalten der Glucose in schwefelsaurer Lösung. *Biochem. Zschr.*, 1929, 210: 186-90. — & **Wolf, H.** Ueber Zuckeroxydationen und -zersetzungen; die Spaltung der Glucose in C₃-Ketten durch Erdalkalcarbonate. *Ibid.*, 1912: 443-51.—**Bleyer, B.**, & **Braun, W.** Beitrag zur Kenntnis des oxydativen Abbaus der Glucose. *Ibid.*, 1928, 199: 186-94.—**Bolcato, V.** Sulla formazione di acido lattico nell'ossidazione di glucosio in presenza di carbone animale. *Bol. Soc. ital. biol. sper.*, 1927, 2: 884-7.—**Borsook, H.**, & **Wasteneys, H.** The interaction of free amino-nitrogen and glucose. *Biochem. J.*, Lond., 1925, 19: 1128-37.—**Brandt Rehberg, P.** [Behavior of colloidal membranes for glucose] *Hospitalstidende*, 1926, 69: 1077-84.—**Cameron, C. N.** Action of benzylamine on glucose in acetic acid solution. *J. Am. Chem. Soc.*, 1927, 49: 1759-65.—**Cascao de Ancieas, J. H.**, & **Trineco, C.** Sur l'adsorption du glucose par les précipités albuminoïdes. *C. rend. Soc. biol.*, 1928, 98: 1003-5.—**Claus, A.** [Decomposition of dextrose in alkaline solutions of copper oxide] *Pharm. tid. Kbh.*, 1868, 7: 301-3.—**Colowick, S. P.**, **Welch, M. S.**, & **Cori, C. F.** Phosphorylation of glucose

in kidney extract. *J. Biol. Chem.*, 1940, **133**: 359-73. — Glucose oxidation and phosphorylation. *Ibid.*, 1941, 641. Also repr.—**De Meyer, J.** Expériences sur la désagrégation du glucose en milieu alcalin. *Rev. méd.*, Par., 1911, **31**: num. spéc., 516-23.—**Euler, H. von, & Josephson, K.** Ueber Reaktionen zwischen Glucose und Glykokoll. *Zschr. physiol. Chem.*, 1926, **153**: 1-9.—**Fischler, F.** Zur Zersetzung des Traubenzuckers durch stark verdünntes Alkali. *Ibid.*, 1927, **165**: 53-67. — **Täufel, K., & Souci, S. W.** Ueber das Verhalten des Traubenzuckers beim Erhitzen in alkalischer Lösung. *Biochem. Zschr.*, 1929, **208**: 191-211.—**Goerner, A.** Oxidation of glucose by air in the presence of iron pyrophosphate. *J. Biol. Chem.*, 1934, **105**: 705-9. Also repr.—**Goldfarb, W., & Bowman, K. M.** The effect of glucose on the oxidation of alcohol in vitro. *Proc. Soc. Exp. Biol.*, N. Y., 1938, **39**: 471.—**Goubarew, E., & Moiseenko, G.** L'adsorption du glucose par l'albumine. *Bull. Soc. chim. biol.*, Par., 1936, **18**: 769-79.—**Groot, J.** Ueber das Verhalten von Zuckerarten in verdünnt alkalischer Lösung; das Verhalten von Glucose KOH und NaOH gegenüber. *Biochem. Zschr.*, 1927, **180**: 341-52.—**Harris, M. M., Lasker, M., & Ringer, A. I.** The effect of muscle and insulin on glucose in vitro. *J. Biol. Chem.*, 1926, **69**: 713-9.—**Hendricks, B. C., & Steinbach, W. H.** The thermal chemistry of d-glucose and other glucose sugars in sodium hydroxide solutions. *J. Phys. Chem.*, 1938, **42**: 335-42.—**Ingersoll, C. D.** Oxidation of glucose, à température ordinaire, par les oxydes de manganèse. *Ann. physiol.*, Par., 1926, **2**: 349-62.—**Leven, P. A., & Raymond, A. L.** The substitution of glucose in position (4). *J. Biol. Chem.*, 1932, **97**: 763-9. Also repr.—**Levina, L.** Modifications de la diffusion du glucose en présence des sels; cas des tissus végétaux. *C. rend. Acad. sc.*, 1938, **207**: 175-7.—**Liotta, A., & Bellini, L.** L'assorbimento intestinale del glucosio in condizioni di iperglicemia provocata. *Fisiol. & med.*, Roma, 1939, **10**: 385-94.—**Lundin, H.** Ueber die Oxydation von Glykose und Glykokoll mittels alkalischer Kupferlösungen in Gegenwart von Borsäure. *Biochem. Zschr.*, 1929, **207**: 91; 107.—**Nicloux, M.** Production d'oxyde de carbone par l'oxydation du glucose en solution alcaline; hypothèses d'ordre biologique concernant cette réaction. *Ann. physiol.*, Par., 1928, **4**: 664-7. — L'oxydation du glucose en solution alcaline par l'oxygène ou l'air atmosphérique; production d'oxyde de carbone; faits et hypothèses sur les conséquences biologiques de cette réaction. *Bull. Soc. chim. biol.*, Par., 1928, **10**: 1135-63. — Etude des produits gazeux qui prennent naissance par l'action de l'oxygène sur le glucose en milieu alcalin: appareil et technique. *C. rend. Soc. biol.*, 1928, **98**: 1225-8. — Oxydation de glucose en solution alcaline avec production d'oxyde de carbone; particularités de cette réaction; manière de se comporter de différents glucides. *Ibid.*, **99**: 226-8.—**Oldham, J. W. H., & Rutherford, J. K.** A method for the identification and estimation of the 6-hydroxyl group in glucose. *J. Am. Chem. Soc.*, 1932, **54**: 366-78.—**Reich, W. S.** A method for the separation of sugars by the chromatographic adsorption of their coloured esters; separation of glucose and fructose. *Biochem. J.*, Lond., 1939, **33**: 1000-4.—**Sponsler, O. L., & Dore, W. H.** The crystal structure of some forms of glucose; a preliminary paper. *J. Am. Chem. Soc.*, 1931, **53**: 1639-43.—**Wood, W. B., jr.** A preliminary physicochemical study of the reducing action of glucose. *J. Biol. Chem.*, 1935, **110**: 219-32. Also repr.—**Wunschendorf, H., & Valier, P.** Oxydation à froid du glucose par la liqueur de Fehling. *Bull. Soc. chim. biol.*, Par., 1934, **16**: 64-7. — Les produits d'oxydation du glucose par le réactif de Fehling. *Ibid.*, 68-73.—**Zuckerkindl, F., & Messiner-Klebermass, L.** Ueber die Einwirkung von Tierkohle auf Glucose in Gegenwart dehydrierender Zwischenkörper. *Biochem. Zschr.*, 1930, **226**: 395-400.

— Determination.

See also Blood sugar; Carbohydrates; Diabetes; Glycosuria.

Biehler, W. Ueber die Wirkung löslicher Kalksalze auf die quantitative Dextrosebestimmung und ihre Ursache. *Zschr. Biol.*, 1922, **77**: 59-72.—**Bissinger, E.** Ueber Fällung des Traubenzuckers nach Salkowski-van Slyke. *Biochem. Zschr.*, 1926, **168**: 421.—**Bleyer, B., & Braun, W.** Beitrag zur Kenntnis des oxydativen Abbaues der Glucose. *Ibid.*, 1927, **180**: 105-16.—**Britton, H. T. S., & Phillips, L.** The potentiometric estimation of glucose with potassium ferrioxalate in sodium carbonate solution. *Analyst*, Lond., 1940, **65**: 149-52.—**Douglas, M.** The quantitative estimation of glucose by biological methods. *J. Trop. M. Hyg.*, Lond., 1936, **39**: 57-60.—**Fleury, P., & Boyeldieu, G.** Le dosage du glucose en présence des protides. *Bull. Soc. chim. biol.*, Par., 1928, **10**: 568-75.—**Glucose (La)** et sa détermination quantitative dans les liquides physiologiques. *Biol. méd.*, Par., 1914-21, **12**: 367-72.—**Harding, V. J., & Downs, C. E.** A sensitive copper solution for glucose estimation. *Canad. M. Ass. J.*, 1932, **26**: 583.—**Hérissay, H., & Chalmers, A.** Sur le dosage des sucres réducteurs et, en particulier, du glucose, par les liqueurs cupro-alcalines, en présence d'acide cyanhydrique. *J. pharm. chim.*, Par., 1928, **8** ser., **8**: 393-406.—**Herzfeld, E.** Ueber eine kolorimetrische Methode zur Bestimmung des wirklichen Glucosegehaltes von Körperflüssigkeiten. *Biochem. Zschr.*, 1932, **256**: 127-33.—**Hoffman, W. S.** A rapid photoelectric method for the determination of glucose in blood and urine. *J. Biol. Chem.*, 1937, **120**: 51-5. Also repr.—**Holden, H. F.** The

estimation of glucose in biological material. *Biochem. J.*, Lond., 1926, **15**: 263-70.—**Humbert, G.** Dosage du sucre dans de petites quantités de liquide par la méthode de Gabriel Bertrand. *J. physiol. path. gén.*, 1928, **26**: 377-83.—**Issekutz, B., & Both, J.** Einfache Methode zur Bestimmung der Glucose in Mengen von 1 bis 15 mg. *Biochem. Zschr.*, 1927, **183**: 298-302.—**Lundsgaard, C., Gram, C. N. J.** [et al.] [Polarimetric estimation of small amounts of glucose] Hospitalstidende, 1927, **70**: 479-93. Also *Biochem. Zschr.*, 1928, **201**: 341-52.—**Lundsgaard, C., & Holbøll, S. A.** Technique applied in determining the presence of new glucose in various biological fluids. *J. Biol. Chem.*, 1926, **68**: 457-73.—**Moore, E. E.** The determination of dextrose in concentrated solutions. *J. Am. Pharm. Ass.*, 1930, **19**: 964.—**Pieraerts, J.** Dosage optique des mélanges de dextrose et de saccharose. *Ann. pharm.*, Louvain, 1904, **10**: 459-66.—**Pietravalle, N.** La glicorachia e il mio metodo pel dosaggio del glucosio. *Athena*, Roma, 1932, **1**: 120-9.—**Pittarelli, E.** Tre nuovi processi per la ricerca delle minime quantità di glucosio negli umori dell'organismo animale. *Diagn. tecn. lab.*, Nap., 1930, **1**: 441-4. — **Pittarelli, M.** Intorno ad alcune reazioni atte a identificare le minime quantità di glucosio negli umori organici. *Morgagni*, 1931, **73**: 1369-81. — A proposito dell'uso dell'acido ferricianidrico nell'analisi del glucosio. *Gazz. osp.*, 1931, **52**: 1612-5.—**Saint-Rat, L. de.** Sur le micro-dosage du glucose. *C. rend. Soc. biol.*, 1928, **99**: 474.—**Schulte, M. J.** [Estimation of small amounts of glucose] *Ned. tschr. geneesk.*, 1927, **71**: 2824-6. Also *Pharm. wbl.*, Amst., 1927, **64**: 485-97.—**Streptkov, S. M.** Bestimmung von Glucose mit Bichromat. *Biochem. Zschr.*, 1937, **290**: 91-4.—**Tzeitlin, S. M.** [Colorimetric method for determination of glucose] *Dnipropetr. med. J.*, 1926, **581-4**.—**Van Dormael, J.** Cause d'erreur dans le dosage gravimétrique rigoureux du sucre par la liqueur de Fehling. *Ann. pharm.*, Louvain, 1905, **11**: 281-9.—**Voorhies, A., & Alvarado, A. M.** Direct iodimetric determination of glucose. *Indust. Engin. Chem.*, 1927, **19**: 848.

— Diglucose.

See Trehalose.

— Esters.

See also Glucoside.

Cori, C. F., Colowick, S. P., & Cori, G. T. The isolation and synthesis of glucose-1-phosphoric acid. *J. Biol. Chem.*, 1937, **121**: 465-77. — The formation of glucose-1-phosphoric acid in extracts of mammalian tissues and of yeast. *Ibid.*, 1938, **123**: 375-80. — The enzymatic conversion of glucose-1-phosphoric ester to 6-ester in tissue extracts. *Ibid.*, **124**: 543-55.—**Cori, G. T., Cori, C. F., & Schmidt, G.** The role of glucose-1-phosphate in the formation of blood sugar and synthesis of glycogen in the liver. *Ibid.*, 1939, **129**: 629-39.—**Euler, H. von, Brunius, E., & Josephson, K.** Ueber Reaktionen zwischen Zuckerarten und Aminen; weitere Versuche mit Glucose und Aminosäure. *Zschr. physiol. Chem.*, 1926, **155**: 259-69.—**Hanes, C. S.** The reversible formation of starch from glucose-1-phosphate catalysed by potato phosphorylase. *Proc. R. Soc.*, Lond., 1940-41, ser. B, **129**: 174-208.—**Helfferich, B., & Du Mont, H.** Neuartige Verbindungen von Glucose mit Phosphorsäure. *Zschr. physiol. Chem.*, 1929, **181**: 300-8.—**Hofmann, E.** Ueber den Abbau von Glucose-ureid durch Bakterien. *Biochem. Zschr.*, 1931, **243**: 416-22.—**Hynd, A.** Studies on the interaction of amino-compounds and carbohydrates; the preparation of glucose ureide. *Biochem. J.*, Lond., 1926, **20**: 205-9.—**Kiessling, W.** Ueber die Reindarstellung von Glucose-1-phosphorsäure (Cori-Ester) *Biochem. Zschr.*, 1938, **298**: 421-30.—**Levene, P. A., & Meyer, G. M.** Phosphoric esters of some substituted glucoses and their rate of hydrolysis. *J. Biol. Chem.*, 1922, **53**: 431-5. — Sulfuric esters of some substituted glucoses and their rate hydrolysis. *Ibid.*, 437-40. — Diacetone glucose; methylated methyl glucosides prepared from monoacetone glucose. *Ibid.*, 1926, **70**: 343-53.—**Levene, P. A., & Raymond, A. L.** On the structure of the so-called 5-methyl glucose of Ohle and Vargha. *Ibid.*, 1932, **97**: 751-9.—**Linnell, W. H.** A trimethyl glucose. *Q. J. Pharm.*, Lond., 1928, **1**: 200-9.—**Lough, S. A., & Spencer, V. E.** The preparation of calcium glucose-3-phosphate from dibutene glucose-3-phosphate. *J. Org. Chem.*, 1938-39, **3**: 541.—**Ohle, H.** Ueber Zuckerschweifelsäuren. Acetonverbindungen von Glucoseschwefelsäuren. *Biochem. Zschr.*, 1923, **136**: 428-48.—**Raymond, A. L., Tipson, R. S., & Levene, P. A.** The substitution of glucose in position 4; 2,3-diacetyl- β -benzylglucoside and its derivatives. *J. Biol. Chem.*, 1939, **130**: 47-54. Also repr.

— Excretion.

See also Blood sugar; Carbohydrate, Metabolism; Glycosuria.

Herbst, R. Ueber die Gesetzmässigkeit der Zuckerausscheidung. *Med. Welt*, 1937, **11**: 1481-5.—**Michail, D., & Zolog, N.** Sur l'élimination lacrymale du glucose au cours de l'hyperglycémie alimentaire. *C. rend. Soc. biol.*, 1937, **126**: 1042.—**Vancea, P.** Sur l'élimination lacrymale du glucose au cours de l'hyperglycémie adréralinique. *Ibid.*, **125**: 1095.—**Michail, D., & Zolog, N.** [New investigations on the effect of adrenalin on lacrymal elimination of glucose] *Cluj. med.*, 1938, **19**: 415. — **Vancea, P.** [On lacrymal elimination of glucose] *Ibid.*, 129-31.

— Fermentation, and dissimulation.

See also **Fermentation; Glucose; Yeast.**

HUTMANN, H. *Neuere Versuche über die Vergärung des Traubenzuckers. 38p. 8°. Münch., 1926.

MÄDER, H. *Ueber den Einfluss von Silbernitrat und Sublimat auf die Vergärung von Glukose durch verschiedene Hefen [Münster] 19p. 21cm. Werne, 1936.

Abderhalden, E. Ueber den Einfluss von Piperazinen und Piperazinderivaten auf die Vergärung von Traubenzucker durch Hefe. *Fermentforschung*, 1924-26, 8: 530-2.—Bigwood, E. J., & Wuillot, A. De la fermentation du glucose par la levure de bière dans le plasma sanguin. *C. rend. Soc. biol.*, 1927, 96: 410-3.—Boersma, H. J., Prévot, A. R., & Veillon, R. A propos de la fermentation du glucose par *Plectridium tetani*. *Ibid.*, 1939, 131: 1137-40.—Butlin, K. R. Aerobic breakdown of glucose by *Bact. suboxydans*. *Biochem. J.*, Lond., 1936, 30: 1870-7.—Chaix, P., & Fromageot, C. Action du groupe -SH sur la fermentation et la respiration des bactéries propioniques en présence de glucose; suppression de l'effet Pasteur. *Enzymologia*, Haag, 1939, 6: 33-45.—Cienci, V. Influenza del tampone di fosfati sulla fermentazione acida del glucosio provocata dal *B. coli*. *Boll. Soc. ital. biol. sper.*, 1933, 8: 1694-8.—Euler, H. von, Myrbäck, K., & Nilsson, R. Neuere Forschungen über den enzymatischen Kohlenhydratabbau; die Mutation als einleitende Reaktion des Glucose-Abbaues und das daran beteiligte Enzymsystem. *Erg. Physiol.*, 1928, 26: 531-67.—Fromageot, C., & Roux, J. Ueber den Mechanismus der Aktivierung der Glucose bei der Milchsäuregärung. *Biochem. Zschr.*, 1933, 265: 13-20.—Gottschalk, A. Die Angriffspunkte der Co-Zymase bei der Vergärung von Traubenzucker und Hexose-di-phosphorsäure. *Zschr. physiol. Chem.*, 1927, 170: 264-73.—Guillemet, R., & Leroux, H. Sur le bilan de la fermentation du glucose par la levure. *C. rend. Soc. biol.*, 1937, 125: 903-5.—Häggblad, E., & Ahlborn, L. Vergleichende Untersuchungen über die Vergärung von Glucose und Brenztraubensäure. *Biochem. Zschr.*, 1927, 181: 158-71.—Hawkins, J. A., & Van Slyke, D. D. Comparison of rates of sugar disappearance and carbon dioxide formation during fermentation of glucose. *J. Biol. Chem.*, 1929, 84: 243-7.—Hermann, S., & Neuschul, P. Zur Oxydation von Glucose durch *Bacterium glucosium* Hermann. *Biochem. Zschr.*, 1936, 287: 400-4.—Hopkins, R. H., & Roberts, R. H. The kinetics of alcoholic fermentation of sugars by brewer's yeast; specificity; the rates of fermentation of α - and β -glucose. *Biochem. J.*, Lond., 1936, 30: 76-83.—Kaizl, L. [Effect of urine on fermentation of glucose] *Cas. l'k. česk.*, 1937, 76: 965; 1939, 78: 673.—Kimura, H. Ueber die Bildung der optisch aktiven Milchsäure aus Traubenzucker und di-Milchsäure durch Bakterien. *Acta Scholae med. Univ. Kioto*, 1928, 11: 325-33.—Kobel, M. Die Bildung äquimolekularer Mengen von Glycerin und Brenztraubensäure bei der zellfreien Vergärung von Glucose. *Biochem. Zschr.*, 1931, 243: 406-15.—Lazzari, & Scoz, G. Ricerche sull'andamento del consumo dell'ossigeno nella fermentazione aerobica del glucosio. *Boll. Soc. ital. biol. sper.*, 1932, 7: 247-50.—Lundsgaard, C., & Holboell, S. A. Recherches sur la présence du néo-glucose au cours de la fermentation du glucose α - β , études sur les échanges en hydrates de carbone. *C. rend. Soc. biol.*, 1925, 93: 1688-90.—Gottschalk, A. Investigations into the occurrence of new-glucose in the course of the fermentation of α - β -glucose. *J. Biol. Chem.*, 1926, 70: 83-7.—Mayer, P. Ueber den Einfluss verschiedener Kohlenhydratphosphorsäureester auf die Angärung des Traubenzuckers. *Biochem. Zschr.*, 1927, 186: 313-6.—Mickelson, M., & Werkman, C. H. Influence of p_a on the dissimulation of glucose by *Aerobacter indologenes*. *J. Bact.*, Balt., 1938, 36: 67-76.—Nelson, M. E., & Werkman, C. H. Dissimulation of glucose by heterofermentative lactic acid bacteria. *Ibid.*, 1935, 30: 547; 1936, 31: 4.—Prévot, A. R., & Kirchheiner, E. Recherches sur la nature de la fermentation du glucose par *Fusiformes* bacillus. *C. rend. Soc. biol.*, 1938, 128: 963.—Quastel, J. H., & Wheatley, A. H. M. The relation of thiol compounds to glucose fermentation. *Biochem. J.*, Lond., 1932, 26: 2169-76.—Reynolds, H., & Werkman, C. H. The intermediate dissimulation of glucose by *Aerobacter indologenes*. *J. Bact.*, Balt., 1937, 33: 603-14.—Stone, R. W., & Werkman, C. H. The occurrence of phosphoglyceric acid in the bacterial dissimulation of glucose. *Biochem. J.*, Lond., 1937, 31: 1516-23.—Tasman, A., & Pot, A. W. Ueber die Vergärung von Glucose durch Varianten des *Bact. paratyphi-B* (Typ Schottmüller) die aus Traubenzucker kein Gas bilden. *Biochem. Zschr.*, 1934, 270: 349-65.—Tikka, J. Ueber den Mechanismus der Glucosevergärung durch *B. coli*. *Ibid.*, 1935, 279: 264-88.—Werkman, C. H., Zoellner, E. A. [et al.] Phosphoglyceric acid in the dissimulation of glucose by *Citrobacter freundii*. *J. Bact.*, Balt., 1936, 31: 5.

— Food value.

See also **Diabetes mellitus, Diet.**

Bickel, A. Ueber Traubenzucker als Diätetikum. *Arch. Verdauungskr.*, 1929, 45: 16-9.—Borsook, H., & Winegarden, H. M. On the free energy of glucose and of triphalmitin. *Proc. Nat. Acad. Sc. U. S.*, 1930, 16: 559-73.—Cole, S. W. The relative food values of glucose and sucrose (cane sugar) *Lancet*,

Lond., 1935, 1: 431.—Dextrose; its place in the diet of normal adults. *J. Am. M. Ass.*, 1937, 108: 556.—Gautier, C., Wolff, R., & Dreyfuss, C. Sur l'action dynamique spécifique du glucose. *C. rend. Soc. biol.*, 1926, 95: 665-7.—Mirsky, I. A., Heiman, J. D., & Swadesh, S. The nitrogen-sparing action of glucose in normal, phlorhizinized and depancreatized dogs. *Am. J. Physiol.*, 1937, 120: 681-8.—Mirsky, I. A., & Senior, F. A. The fat sparing action of glucose in the absence of insulin. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 505-7.—Polonovsky, M. Le glucose dans l'alimentation des nourrissons. *Prat. méd. fr.*, 1933, 14: 311-9.

— Galactosides.

See **Lactose; Melibiose.**

— Glucosides.

See **Maltose; Sucrose; Trehalose; also Glucoside.**

— Hydrazone, osazone, and osone.

Bond, C. R., Knight, E. C., & Walker, T. K. The production of glucosone from carbohydrates by enzymic action. *Biochem. J.*, Lond., 1937, 31: 1033-40.—Jolles, A. La prova della fenilidrazina può dare risultati positivi anche senza la presenza del glucosio. *Gior. farm.*, Trieste, 1901, 6: 76.—Orning, A., & Stempel, G. H., jr. A kinetic study of the formation of d-glucose phenylhydrazones. *J. Org. Chem.*, 1939, 4: 410-7.—Pigorini, L. Sul comportamento del fenilglucosazone nell'organismo. *Arch. farm. sper.*, 1909, 8: 29-33. Also *Arch. ital. biol.*, 1910-11, 54: 297.—Rossi, A. Sull'identificazione del glucosio (e del lattosio) colla reazione degli osazoni. *Boll. Soc. ital. biol. sper.*, 1933, 8: 434.

— Metabolism.

See also **Blood sugar, Variation, alimentary; Carbohydrates, Metabolism; Glycogen; Glycosuria; Insulin.**

FLECHTNER, H. *Ueber den Einfluss von Glukose auf die Sauerstoffzehrung [Münster] 19p. 8°. Werne, 1934.

GENTZSCH, H. [A.] *Das Verhalten des respiratorischen Stoffwechsels nach peroraler Traubenzuckergabe bei gesunden Frauen. p.78-96. 8°. Frankf., 1928.

Also *Arch. Gyn.*, 1932, 150:

Allibone, E. C., & Tunbridge, R. E. A study of blood sugar values following the intravenous injection of glucose in man. *J. Physiol.*, Lond., 1939, 95: suppl., 4.—Allott, E. N. The disappearance of intravenously injected α -, β - and $\alpha\beta$ glucose from the blood. *Biochem. J.*, Lond., 1928, 22: 773-6.—Arnoldi, W., & Ueno, S. Zur Wirkung des Traubenzuckers auf den Stoffwechsel wachsender Ratten. *Zschr. ges. exp. Med.*, 1928, 61: 424-37.—Bachmann, G., Haldi, J. [et al.] The respiratory quotient and carbohydrate metabolism following the ingestion of glucose and of fructose as affected by exercise taken immediately and 30 minutes after ingestion. *Am. J. Physiol.*, 1937, 120: 579-86.—Bauer, E. Die Anpassungsfähigkeit des Organismus an Traubenzucker. *Med. Klin.*, Berl., 1936, 32: 592-4.—Bergman, H., & Drury, D. R. The relationship of kidney function to the glucose utilization of the extra abdominal tissues. *Am. J. Physiol.*, 1938, 124: 279-84.—Bolcato, V. Esperienze preliminari sulla ossidabilità del neo-glucosio; contributo allo studio del ricambio intermedio degli idrati di carbonio. *Biochim. ter. sper.*, 1926, 13: 353-61.—Bronfenbrenner, A. N. Glucose as a factor in metabolism. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 269-73.—Büdingen, T. Wird der Traubenzucker im Blut durch andere Blutbestandteile für die Oxydation in den Geweben vorbereitet? experimentelle Untersuchungen über seine Oxydationsgeschwindigkeit und therapeutische Ausblicke. *Zschr. klin. Med.*, 1923, 97: 147-68.—Carpenter, T. M., & Lee, R. C. The effect of glucose on the metabolism of ethyl alcohol in man. *J. Pharm. Exp. Ther.*, 1937, 60: 264-85. Also repr.—Colwell, A. R., & Bright, E. M. The use of constant glucose injections for the study of induced variations in carbohydrate metabolism; the fate of the retained sugar under normal conditions and after epinephrin and insulin. *Am. J. Physiol.*, 1930, 92: 543-54.—Crandall, L. A., jr., & Cherry, I. S. The effect of dextrose on hepatic gluconeogenesis. *Ibid.*, 1936, 116: 32.—Dann, M., & Chambers, W. H. The metabolism of glucose administered to the fasting dog. *J. Biol. Chem.*, 1930, 89: 675-88.—Factors influencing the metabolism of glucose ingested by fasting dogs. *Ibid.*, 1933, 100: 493-514. Also repr.—Donnelly, J. L. On the metabolism of glucose. *Am. J. Physiol.*, 1938, 123: 448-54.—Gherardini, G., & D'Ignazio, C. Sul comportamento di alcune frazioni azotate urinarie dopo carico di glucosio. *Arch. stud. fisiopat. ricambio*, 1933, 1: 548-62.—Hitchcock, F. A. Changes in the R. Q. following the administration of glucose to albino rats reported to show hyperfunction of the anterior pituitary. *Am. J. Physiol.*, 1940, 129: 383.—Hoffman, O. D., Abbott, W. O. [et al.] The fate of glucose solutions introduced into the stomach of humans.

Proc. Am. Soc. Biol. Chem., 1938, 8: No. 7, 57.—**Holtz, F.** Vorgänge im Magendarmkanal nach peroraler Glykosegabe. Klin. Wschr., 1929, 8: 1768.—**Jakovlev, N. N.** [Effect of numerous per os injections of sugar and starch on the blood sugar, hexosephosphate and glycogen of the muscles of animals in states of starvation and insufficient feeding.] J. Physiol. USSR, 1939, 26: 276–86.—**Karr, W. G., Austin, J. H.** [et al.] The rate at which glucose enters the duodenum from the stomach. J. Biol. Chem., 1937, 119: p. lv.—**Kawashima, S.** Nachfolgende Experimente über die Entleerungsverzögerung des Mageninhalts durch die intraabdominale Einführung von Traubenzuckerlösung (insbesondere der Einfluss von Insulin) Polylin. Dairen, 1928–30, 4: No. 14, 64.—**Klinghoffer, K. A.** The distribution of glucose between cells and serum: further experiments with high concentrations of glucose. Am. J. Physiol., 1940, 130: 89–96.—**Koster, H., Collens, W. S., & Goldzieher, M. A.** Intravenous injection of glucose, its effect on the respiratory quotient. Am. J. Surg., 1930, n. ser., 8: 970–4. Also repr.—**Krantz, J. C., Musser, R.** [et al.] Studies in the metabolism of alkalized dextrose. Arch. internat. pharm. dyn., Par., 1937, 55: 9–14.—**Kurokawa, T.** Ueber das Schicksal des infundierten Zuckers mit besonderer Berücksichtigung der Zuckeraufnahmefähigkeit der Gewebezellen; Verhalten des Gesamt-C des Blutes nach Glukoseinfusion. Tohoku J. Exp. M., 1928, 10: 64–75.—**Laquer, F.** Die Reaktionsform des Traubenzuckers; ihre Bedeutung für den normalen und diabetischen Kohlenhydratstoffwechsel. Klin. Wschr., 1925, 4: 360; 604.—**Liljestrand, A., & Lundsgaard E.** Utilization of glucose and phosphate metabolism in hind limb preparations of cats poisoned with phlorizin. Skand. Arch. Physiol., Berl., 1939–40, 83: 121–31.—**Loew, E. R., Gray, J. S., & Ivy, A. C.** The effect of acid stimulation of the duodenum upon experimental hyperglycemia and utilization of glucose. Am. J. Physiol., 1939–40, 128: 298–308.—**Loewi, O.** Ueber Strukturfixierung der Glucose und ihre Bedeutung für das Glucoseschicksal. Naturwissenschaften, 1927, 15: 93.—**Lombroso, U.** Sul metabolismo del glucosio in organi sopravvivenenti; sull'azione del tessuto renale di cane alimentato o digiuno sul glucosio in esso circolante. Arch. farm. sper., 1918, 25: 12–6.—**Luck, J. M., Davis, B. L., jr., & Van Winkle, W., jr.** Effect of administered glucose upon amino nitrogen content of the blood. Proc. Soc. Exp. Biol., N. Y., 1934–35, 32: 1039–41.—**Lundsgaard, E., Nielsen, N. A., & Ørskov, S. L.** On the utilization of glucose and the formation of lactic acid in the isolated hind limb preparation. Skand. Arch. Physiol., Berl., 1939, 81: 20–3.—**Lupu, N. G., Radoslav, C., & Pitschak, C. C.** L'action des injections intraveineuses de glucose et galactose sur le métabolisme des hydrats de carbone. Bull. Soc. méd. hôp. Bucarest, 1930, 12: 93–102.—**Matsushita, T.** Ueber den Einfluss auf den Gewebsstoffwechsel der Placenta, des Foetus und der Mutter durch Traubenzucker-Infusion, Adrenalin-Injektion und absoluten Hunger. Mitt. Med. Akad. Kioto, 1935, 15: 582.—**Mirsky, I. A., & Broh-Kahn, R. H.** The influence of dextrose administration on the utilization of β -hydroxybutyric acid by the normal and eviscerated rabbit. Am. J. Physiol., 1937, 119: 734–9.—**Moruzzi, G.** Significato dell'acido lattico e dell'acido piruvico nel metabolismo del glucosio. Arch. sc. biol., Bologna, 1937, 23: 131–41.—**Mosenthal, H. O., & Bruger, M.** The effect of glucose ingestion on the urea, total non-protein nitrogen, and chloride concentration in the blood. Proc. Am. Soc. Biol. Chem., 1932, 8: p. lxxxiii.—**Mutel, I.** Estados da glucose nos animais. Rev. med. mil. Rio, 1939, 28: 288–92.—**Neuman, I. M., & Sinai, A. Y.** [Tissue metabolism during introduction of glucose and insulin] Sovet. khir., 1934, 7: 751–4.—**Pierce, H. B., Haegle, L., & Froeschle, P. F.** The determination of the rate of emptying of the rat stomach following intragastric administration of glucose solutions. Proc. Am. Soc. Biol. Chem., 1937, 8: No. 6, p. lxxviii.—**Quagliarello, G., & De Lucia, P.** Sulla esistenza di neoglucosio nei liquidi interni dell'organismo. Boll. Soc. ital. biol. sper., 1927, 2: 371–4.—**Rathéry, F., & Traverso, P. M. de.** Les sucres et le glycogène du foie, influence de l'absorption du glucose. Bull. Soc. chim. biol., Par., 1939, 21: 978–1020.—**Salén, E. B., & Nyrén, T.** Insulin, Synthalin und Glukohormont; eine vergleichende Untersuchung über ihre Einwirkung auf die Glukosefixation durch Zellen. Acta med. scand., 1928, 69: 69–98.—**Schneider, E., & Widmann, E.** Untersuchungen über den Kohlehydratumsatz und den Abbau des Traubenzuckermoleküls. Klin. Wschr., 1929, 8: 536–41.—**Shannon, J. A., & Fisher, S.** The renal tubular reabsorption of glucose in the normal dog. Am. J. Physiol., 1938, 122: 765–74.—**Shay, H., Gershon-Cohen, J.** [et al.] The fate of ingested glucose solutions of various concentrations at different levels of the small intestine. Am. J. Digest. Dis., 1940, 7: 456–62.—**Sheldon, J. M.** A quantitative study of the oxidation of glucose in normal and diabetic men. Univ. Hosp. Bull., Ann Arb., 1938, 4: 128.—**Shparo, L. A.** [Effect of glucose and glucose with insulin on the development of processes in the liver] Sovet. pediat., 1935, No. 3, 7–14.—**Somogyi, J. C., & Verzar, F.** Die Wirkung einer intravenösen Glukoseinjektion auf das Plasma-Kalium bei normalen und adrenalektomierten Tieren. Helvet. med. acta, 1940, 7: Suppl. 5, Beil., 20–9.—**Speakman, H. B.** The physiological significance of decamination in relation to glucose oxidation. J. Biol. Chem., 1926, 70: 135–50.—**Speransky, S. I.** [Glycemic curves after oral and subcutaneous administrations of glucose] Klin. med., Moskva, 1938, 16: 1662–6.—**Stöhr, R.** Ueber das Verhalten der Alkalireserve bei Ratten nach Verfütterung von Glucose und Fructose. Zschr. physiol. Chem., 1933, 218: 263–8.—**Tarumi, S.** Beiträge zum Studium über das Schicksal

des dem Tierkörper parenteral zugeführten Traubenzuckers. Mitt. Med. Akad. Kioto, 1935, 13: 797–802.—**Vacirca, F.** Lecitina e glicogeno epatico, glicemia, glicosuria nell'animale normale e stiroidato in varie condizioni sperimentali (iniezione di glucosio) Boll. Soc. ital. biol. sper., 1937, 12: 123–5.—**Weil-Malherbe, H.** The formation of glucose from acetoacetic acid in rat kidney. Biochem. J., Lond., 1938, 32: 2276–82.—**Wierzychowski, M.** Ueber die erste Phase der Traubenzucker-assimilation. Biochem. Zschr., 1931, 237: 103–28.—**The limiting rate of assimilation of glucose introduced intravenously at constant speed in the resting dog.** J. Physiol., Lond., 1936, 87: 311–35.—**Oxidation of glucose as function of its supply.** Ibid., 1937, 90: 440–64.—**Chmielewski, T.** De l'acide lactique dans le sang et dans les urines pendant l'injection intraveineuse ininterrompue de glucose, à travers toute la gamme d'assimilation. C. rend. Soc. biol., 1935, 118: 1682–4.—**Bilans vasculaires d'acide lactique dans les organes du chien, après saturation de l'organisme par le glucose.** Ibid., 120: 1131–3.—**Wierzychowski, M., Gostynska, A., & Fiszal, H.** L'intensité extrême d'assimilation intraveineuse du glucose chez le chien au repos, lors de l'application de la régulation hydrique iso-volumétrique. Ibid., 118: 1680–2.—**Wierzychowski & Pieskow, W.** Sur la phase initiale d'assimilation, lors de l'injection de glucose à vitesse constante par la voie intraveineuse. Ibid., 1930, 104: 914–6.—**Winter, L. B.** The fate of deoxy-glucose in the rabbit. Biochem. J., Lond., 1927, 21: 54.—**Woodward, K. F.** Diuresis produced by injection of dextrose; its effect on nitrogen balance and on metabolism of fixed acids and bases in normal infants. Am. J. Dis. Child., 1934, 47: 513–20.

Optical properties.

Holbøll, S. A. [Researches on the specific rotation value of glucose under the influence of insulin and fresh muscle fibre] Ugeskr. læger, 1926, 88: 999–1003.—**Holtz, F., & Becker, J. P.** Ueber die Wirkung der Röntgenstrahlen auf Glucose. Arch. exp. Path., Berl., 1936, 182: 160–3.—**Naumann, H. N.** Ueber Beeinflussung von Drehung und Mutarotation der Glucose; der Einfluss des Eindampfens. Biochem. Zschr., 1931, 239: 434–40.—**Der Einfluss einiger Salze und organischer Körper.** Ibid., 242: 259–65.—**Paul, J. R.** Rotatory and reducing values of glucose as influenced by the addition of muscle tissue and insulin in vitro. J. Biol. Chem., 1926, 68: 425–38. Also repr.—**Westheimer, F. H.** Amino acid catalysis of the mutarotation of glucose. J. Org. Chem., 1937–38, 2: 431–41.—**Worley, F. P., & Andrews, J. C.** Mutarotation: velocity of mutarotation of a glucose in methylalcohol and water. J. Phys. Chem., 1927, 31: 742–6.

Pharmacology.

BAUER, E., & KNÜPPER, H. Wirkung grosser Mengen Traubenzucker bei intravenöser Dauerinfusion. p.339–50. 8° Lpz., 1934.

FIGURES CAMPOSA, E. *Action du glucose sur les propriétés pharmacodynamiques de certains médicaments. 43p. 8° Par., 1935.

GROSGURIN, J. R. *De l'action du glucose sur les diverses fonctions du foie [Genève] 25p. 23cm. Liège, 1937.

Also Arch. internat. méd. exp., Liège, 1938, 13: 1–25.

HANDRECK, I. *Die Beeinflussung der Löslichkeit einiger Arzneistoffe durch Traubenzucker. 20p. 22½cm. Gött., 1935.

JUDOVITS, N. *Die Konzentrationsänderungen einer in den Magen injizierten Glucoselösung allein und zusammen mit oberflächenaktiven Stoffen. 16p. 23cm. Basel, 1937.

SCHLOSSER, M. *Der Einfluss verschiedener konzentrierten Traubenzuckerlösungen auf die menschliche Haut. 16p. 23cm. Lpz., 1937.

SCHOLLE, C. *Ueber den Einfluss von Glukose auf die Dehydrierungsvorgänge im Gewebe [Münster] 23p. 8° Werne, 1934.

ZEITEL, I. *Vergleichende Untersuchungen über den Liquordruck und seine Beeinflussbarkeit durch hypertontische Traubenzuckerlösungen im Wachzustand und im Pernokton-schlaf. 16p. 8° Würzb., 1933.

Amatucci Mallardo, C. Comportamento della fagocitosi in presenza di glucosio. Morgagni, 1935, 77: 1215–20.—**Arvanitaki, A., Bonnamour, & Gabrielle.** Groupes rythmés de systoles accompagnés de variations de tonus et de la polarisation sous l'action du glucose. C. rend. Soc. biol., 1935, 118: 239–41.—**Atzler, E., Lehmann, G., & Szakáll, A.** Die physiologischen Grundlagen der leistungsteigernden Wirkung des Traubenzuckers. Arbeitsphysiologie, 1935–37, 9: 579–604.—**Bertola, A., & Traverso, R.** L'aumento della diuresi da mercuriali dopo somministrazione di glucosio. Gazz. osp., 1938, 59: 945–50.—**Brooks, M. M.** Inhibition by glucose of

- methemoglobin formation. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 32: 63.—Byrom, F. B. The effect of a diet of pure glucose on the fluid balance of the body. *Clin. Sc., Lond.*, 1933-34, 1: 245-50.—Camis, M. De la position du glucose dans le biochimisme musculaire. *Arch. ital. biol.*, 1933-34, 91: 35-59.—Cherry, I. S., & Crandall, L. A., jr. The response of the liver to the oral administration of glucose. *Am. J. Physiol.*, 1937, 120: 52-8.—Collens, W. S., Goldzieher, M., & Koster, H. Untersuchungen zur Wirkungsweise intravenöser Traubenzuckerinjektionen. *Klin. Wschr.*, 1931, 10: 582-6.—Cuatrecasas, J., & Bruno, A. Acción de la inyección intravenosa de glucosa sobre el cociente clorado éritro-plasmático. *Rev. sudamer. endocr.*, B. Air., 1938, 21: 327-32.—Day, J. J., & Komarov, S. A. Glucose and gastric secretion. *Am. J. Digest. Dis.*, 1939-40, 6: 169-75.—Dextrorup oder Rohrzucker? *Psychiat. neur. Wschr.*, 1938, 40: 190-3.—Gaunt, R., Remington, J. W., & Schweizer, M. Some effects of intraperitoneal glucose injections and excess water in normal, adrenalectomized, and hypophysectomized rats. *Am. J. Physiol.*, 1937, 120: 532-43.—Görgy, E., & Veszelszky, L. [Effect of intravenous hypertonic dextrose solution in infants and children] *Orvosképzés*, 1932, 22: Oct. Különg. Dolgoz. gyermekklin., 87: 91. Also *Arch. Kinderh.*, 1932-33, 98: 70; 164.—Handovsky, H., & Meyer, E. Experimentelle Untersuchungen über die Wirkung des Traubenzuckers auf Blutgefäße. *Klin. Wschr.*, 1923, 2: 82.—Hara, H., & Koga, A. Experimentelle Studien über die therapeutische Bedeutung des Traubenzuckers; dient der Traubenzucker nur zur Ernährung des Körpers? *Fukuoka acta med.*, 1936, 29: 59-67. — Über die prophylaktische Wirkung des Traubenzuckers gegen den durch Ammoniumchlorid-Injektion hervorgerufenen Krampfanfall. *Ibid.*, 74-8.—Shono, K. Einfluss des Traubenzuckers auf die Antikörperproduktion (Agglutinin) *Ibid.*, 72-4.—Harding, H. E. The effects on the rabbit of repeated large intravenous doses of glucose. *Guy's Hosp. Rep.*, Lond., 1935, 85: 372-6.—Illari, G. Sopra l'azione antichetogenica del glucosio. *Biochim. ter. sper.*, 1939, 26: 380-90.—Joannovic, J. [Rôle of glucose in the human and animal organism] *Cas. lék. česk.*, 1928, 67: 749-55.—Koster, H., Goldzieher, M. A., & Collens, W. S. The effect of intravenous injection of dextrose on the Kupfer cells of the liver. *Arch. Path. Chic.*, 1930, 9: 1197-202. Also repr.—Lührs, W. Die Beeinflussung der Superazidität durch die Traubenzuckertherapie, gemessen am p_a des Harnes. *Arch. Verdauungskr.*, 1935, 57: 225-35.—Markees, S. Alimentäre Ketonämie und antiketogene Traubenzuckerwirkung. *Klin. Wschr.*, 1937, 16: 983-7.—Martinetti, R. Risposta del circolo, della diuresi e della glicemia all'introduzione endovenosa di glucosio ipertonico nel soggetto normale e nell'iperteso. *Arch. stud. fisiopat. ricambio*, 1937, 5: 33-55. — & Messina, R. Azione sulla diuresi e sull'urea ematica delle fleboclisi glucosate ipertoniche goccia a goccia. *Rass. fisiopat.*, 1939, 11: 353-64.—Masserman, J. H. Effects of intravenous administration of hypertonic solutions of dextrose with special reference to the cerebrospinal fluid pressure. *J. Am. M. Ass.*, 1934, 102: 2084-6. — Cerebrospinal hydrodynamics; effects of the intravenous injection of hypertonic solutions of dextrose. *Arch. Neur. Psychiat.*, Chic., 1936, 35: 296-303.—Mazzola, V. P., & Torrey, M. A. An experimental study of the effects of intravenous injections of hypertonic glucose solution (50 per cent) on the circulation of the cat. *Am. J. Obst.*, 1935, 30: 339-45.—Mirsky, I. A., Heiman, J. D., & Broh-Kahn, R. H. The antiketogenic action of glucose in the absence of insulin. *Am. J. Physiol.*, 1937, 118: 290-6.—Moschini, A. Les effets d'injection répétées de glucose sur le glycogène musculaire de la grenouille en conditions normales. *C. rend. Soc. biol.*, 1935, 120: 531-3. — Les effets d'injections répétées de glucose sur le glycogène musculaire de la grenouille, dans différents états expérimentaux. *Ibid.*, 533-5.—Murakami, M. Vergleichende Untersuchung über die Wirkung von Fruktose und Glucose auf die Herzfunktion; Durchströmungsversuch am Kaninchenherz. *Tokyo igakkwai zasshi*, 1940, 54: 207.—Nechkovitch, M. Quelques preuves physiologiques contre la possibilité d'une neutralisation chimique des narcotiques par le glucose. *C. rend. Soc. biol.*, 1926, 94: 219. — Rôle de la glucose dans le maintien de l'état normal des colloïdes in vivo. *Arch. internat. physiol.*, Liège, 1927, 28: 285-92.—Negrobov, A. I. [Effect of concentrated glucose on the contraction of isolated intestine] *Vrach. delo*, 1929, 12: 1427-30.—Parise, N., & Fornicola, P. Sulla utilizzazione del glucosio introdotto per via rettale. *Morgagni*, 1934, 76: 735-8.—Paul, E. Untersuchungen über die Leistungsteigerung durch Traubenzucker. *Arzt & Sport*, 1936, 2: 71.—Pfeiffer, R. Ueber die kreislauf- und diuresefördernde Wirkung von intravenösen Traubenzuckerinjektionen. *Wien. med. Wschr.*, 1933, 83: 1243-5.—Pijoan, M., & Gibson, J. G. The rate of disappearance of intravenously administered dextrose in the human subject. *Am. J. Physiol.*, 1938, 121: 534-6. Also repr.—Polack, E., & Harpath, H. [Effect of hypertonic solutions on blood circulation; glucose-osmotherapy] *Hospitalstidende*, 1936, 79: 141-55.—Quigley, J. P., & Highstone, W. H. Effect of intravenously injected dextrose on the rate of propulsion in the small intestine. *J. Am. M. Ass.*, 1934, 102: 1002.—Ravdin, I. S., Johnston, C. G., & Morrison, P. J. Comparison of concentration of glucose in the stomach and intestine after intragastric administration. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 955-8.—Roch, M., Martín, E., & Scielouff, F. Des grandes injections intraveineuses de glucose et de leurs effets sur la pression artérielle. *Bull. Acad. méd., Par.*, 1933, 3. ser., 244-9.—Sarason. Traubenzucker das Stoffwechsel-Hormon; Grundzüge seiner biologischen und therapeutischen Bedeutung. *Jahrbuch. ärztl. Fortbild.*, 1929, 20: H. 8, 43-57.—Schmidt, E. G., & Eastland, J. S. The influence of dextrose ingestion on amino-acid nitrogen, urea nitrogen and hemoglobin concentration of the blood. *J. Lab. Clin. M.*, 1935-36, 21: 1-12.—Scrutinio, V. Azione del glucosio sul cuore degenerato con e senza insulina con e senza cardiocinetici. *Clin. med. ital.*, 1935, 66: 195-200.—Sen, S. C., & Chaudhury, P. N. Studies on the increase of blood calcium after intravenous administration of glucose. *Ind. J. M. Res.*, 1936-37, 24: 845-53.—Simici, D., Popescu, M., & Chaifaleanu, A. L'action du glucose commercial, administré comparativement par les voies digestive et intraveineuse, sur la teneur en glucogène du foie, du cœur et des muscles. *C. rend. Soc. biol.*, 1931, 106: 112-5.—Sperry, W. M. The effect of dextrose ingestion on the cholesterol fractions of the blood. *J. Biol. Chem.*, 1936, 116: 65-70. Also repr.—Stagliano, G. Su alcuni risultati delle iniezioni di glucosio negli animali. *Morgagni*, 1926, 68: 481-4.—Stübel, A. Aeusert sich die wiederholte intravenöse Zufuhr hypertotonischer Dextroselösung beim Kaninchen in einer chemisch nachweisbaren Zunahme des Herzmuskelsglykogens? *Zschr. ges. exp. Med.*, 1924, 40: 188-200.—Swingle, W. W., Parkins, W. M., & Taylor, A. R. Experiments of intact and adrenalectomized dogs subjected to sodium and chlorid depletion by intraperitoneal injections of glucose. *Am. J. Physiol.*, 1936, 116: 430-7.—Timmermans, F. D. Zur Kreislaufwirkung des Traubenzuckers und Calciums und zur Kreislaufwirkung und Klinik der calcium-aktiven Glykose. *Deut. Arch. klin. Med.*, 1937, 189: 512-25.—Turchetti, A. Influenza dell'acido ascorbico sul ricambio dei carboidrati; azione sul tasso di glicogeno miocardico. *Riv. pat. sper.*, 1940, 24: 181-92.—Tziganov, S. [Effect of grape sugar on the function of an isolated heart] *Ukrain. med. arkh.*, 1927, 1: 218-22.—Vannfält, K. A. Ueber den Einfluss der Glykose auf Teerkräbs bei weissen Mäusen. *Upsala läk. fören. förh.*, 1936, 42: 245-56.—Wierzechowski, M. The origin and limits of the specific action of intravenous glucose. *J. Physiol. Lond.*, 1937-38, 91: 140-71.—Woerner, C. A. Studies of the islands of Langerhans after continuous intravenous injection of dextrose. *Anat. Rec.*, 1938, 71: 33-57. — The effects of continuous intravenous injection of dextrose in increasing amounts on the blood sugar level, pancreatic islands and liver of guinea pigs. *Ibid.*, 1939, 75: 91-105, pl.—Yamamoto, H. Influence of glucose on tissue respiration in vitro. *Tohoku J. Exp. M.*, 1938, 33: 525-44.—Yambe, M. Einfluss des Traubenzuckers auf das Gewebewachstum. *Mitt. Med. Akad. Kioto*, 1937, 20: 1241-85.—Yesko, S. A., Passalacqua, L. A., & Judd, E. S. The effect of the circulation of the injection of 10 percent glucose and 1 percent sodium chlorid following operation. *Surg. Clin. N. America*, 1929, 9: 969-77.

Therapeutic use.

CORN PRODUCTS REFINING Co. N. Y. Advances in treatment with dextrose. 66p. 8° N. Y. [1936]

MARTIN, E. Dextrose therapy in everyday practice; a survey of the literature, 1900-36, on the experimental and clinical studies applicable to medicine and surgery. 451p. 8° N. Y., 1937.

SCHULZ, G. J. *Therapeutic indications for the intravenous use of solutions of dextrose [Marquette Univ.] 24p. 4° Milwaukee, 1931.

STEFANOFF, Z. *Les injections glucosées hypertoniques et leur emploi en clinique [Genève] 30p. 23cm. Sofia, 1939.

Bishop, J. P. Dextrose therapy. *Vet. Med.*, Chic., 1939, 34: 244-7.—Bouckaert, J. P., De Nayer, P. P. [et al.] Injection sous-cutanée de glucose et anurie hypochlorémique. *Bull. Acad. méd. Belgique*, 1936, 6. ser., 1: 84; 111.—Brumby, P. B. The rôle of glucose in surgery. *N. Orleans M. & S. J.*, 1934, 87: 446-53.—Carrera, J. L. Intravenous injection of glucose in the treatment of dermatologic conditions. *Arch. Derm. Syph.*, Chic., 1923, n. ser., 7: 805.—De Caux, F. P. Glucose: when and how to use it. *Brit. M. J.*, 1929, 2: 1003-5.—Durand, A. Ueber die Anwendung von Nährzucker bei Schwächezuständen. *Deut. med. Wschr.*, 1935, 61: 341.—Fischler, F. Traubenzucker als Therapeutikum. *Münch. med. Wschr.*, 1929, 76: 791.—Fleischmann, R. Lebensrettende Wirkung von intravenösen Injektionen bei Säuglingen. *Mtschr. Kinderh.*, 1934-35, 61: 172-4.—Foged, J. [Glucose treatment of surgical diseases] *Hospitalstidende*, 1932, 75: 1356-8.—Füllsack, H. Erfahrungen mit der Traubenzuckertherapie [nach E. G. Mayer bei gleichzeitig röntgenbestrahten bösartigen Neubildungen. *Strahlentherapie*, 1928, 28: 795-8.—Funkhouser, W. L. The use of dextrose for children and a pleasant method of administration. *J. M. Ass. Georgia*, 1926, 15: 420-3.—Galli Della Loggia, D. Indicazioni terapeutiche del glucosio. *Rass. internaz. clin. ter.*, 1937, 18: 701-7.—Greer, D. The use of glucose solutions in the treatment of infants and children. *Texas J. M.*, 1932, 28: 548.—Hassencamp, E. Die praktischen Erfahrungen und theoretischen Grundlagen der Traubenzuckertherapie. *Zbl. inn. Med.*, 1932, 53: 634-48.—Traubenzuckertherapie. *Med. Welt*, 1937, 11: 817-22.

Traubenzucker und seine Verwendungsmöglichkeiten in der Medizin. *Klin. Fortbild.*, 1937-38, 5: 564-87.—**Holtz, F.** Ueberblick über die wissenschaftlichen Grundlagen der Traubenzuckertherapie. *Münch. med. Wschr.*, 1932, 79: 1189-91. — **Beiträge zur Traubenzuckertherapie.** *Ibid.*, 1935, 82: 1722.—**Klein, G.** Traubenzuckerinjektionen bei Infiltraten. *Ibid.*, 1922, 69: 1574.—**Longo, V.** Trattamento delle sindromi confusionali e degli stati di grave agitazione mediante somministrazioni parenterali di soluzioni ipertoniche di glucosio. *Riv. sper. freniat.*, 1937, 61: 1112-6.—**Macciotta, G.** Sulla somministrazione di glucosio per via sottocutanea nelle gravi intossicazioni di origine alimentare e nelle atrofie dei lattanti. *Pediatrics (Riv.)*, 1929, 37: 283-311.—**Macnab, D. S., & Searlett, E. P.** The value of glucose in surgical and medical conditions and its mode of administration. *Canad. M. Ass. J.*, 1934, 31: 489-96.—**Moening, W. P.** The rôle of glucose in diagnosis and therapy. *J. Indiana M. Ass.*, 1933, 26: 263-7.—**Nelson, G.** The use of glucose in medicine and surgery. *South. M. & S.*, 1926, 88: 163-71.—**Podolsky, E.** Dextrose as a heart remedy. *Madras M. J.*, 1933, 15: 128-31.—**Polack, E.** [Glucose and therapy] *Bibl. laeger*, 1934, 126: 1-53.—**Richter, P.** Die Traubenzuckertherapie vor und seit der Insulinära. *Fortsch. Ther.*, 1930, 6: 43-5.—**Robinson, G. W.** The use of intravenous glucose in neuropsychiatric conditions. *J. Kansas M. Soc.*, 1930, 31: 437-42.—**Rushmore, S.** Some uses of sugar in surgery. *N. England J. M.*, 1928, 199: 679-82.—**Sagesser, M.** Sind Traubenzuckerinfusionen in der postoperativen Phase zweckmäßig? *Chirurg*, 1938, 10: 617-20.—**Schippers, J. C.** [On the use of glucose in medical practice] *Mscr. kindergeneesk.*, 1938, 7: 224-32.—**Scholand, J.** Beiträge zur Traubenzuckertherapie (Hälsana) *Münch. med. Wschr.*, 1935, 82: 747.—**Scholtz.** Wirkung intravenöser Traubenzuckerinfusionen auf die Haut und auf Erkrankungen der Haut. *Berl. klin. Wschr.*, 1921, 58: 1547.—**Smith, L. H.** Therapeutic use of glucose. *Maine M. J.*, 1932, 23: 243-6.—**Talbot, F. B.** The use of glucose in the treatment of disease in children. *Boston M. & S. J.*, 1925, 192: 1000.—**Taylor, F. O.** A note on the uses of glucose in general practice. *Practitioner*, Lond., 1933, 130: 508.—**Udintov, F.** [Osmotherapy and dextrose therapy] *Ukrain. med. vist.*, 1929, 5: 32-40.—**Vauthey, M.** Les indications et les utilisations thérapeutiques modernes du glucose. *Gaz. hôp.*, 1929, 102: 605-8.—**Warner, E. C.** The therapeutic value of glucose. *Lancet*, Lond., 1934, 2: 1006.—**Weiner, J. H.** Glucose therapy. *J. Am. Vet. M. Ass.*, 1928-29, 74: 1004-8.—**Winslow, S. B.** Dextrose utilization by the surgical patient. *Univ. Hosp. Bull.*, *Ann. Arb.*, 1938, 4: 25.

— Therapeutic use: Administration, and dosage.

Rice, E. L. *Intravenous glucose therapy with special relationship to its reactions [Marquette Univ.] 20p. 4². Milwaukee, 1931.

Wessinger, F. *Ueber die Anwendung von Dextropur in der Zahnheilkunde [Heidelberg] 14p. 23cm. Zeulenroda i. Thür., 1936.

Acuña, M., & Bettinotti, S. L. La via intra-peritoneal para la inyección de suero glucosado. *Arch. argent. pediat.*, 1931, 2: 145-66.—**Apel, C.** Hauttherapeutisches über Calorose. *Derm. Wschr.*, 1930, 91: 1344.—**Bassett, A. M.** Intravenous dextrose therapy. *West. J. Surg.*, 1938, 46: 212-21.—**Boone, G. D.** Intravenous dextrose therapy. *J. Tennessee M. Ass.*, 1934, 27: 388-92.—**Cantarow, A.** Glucose, dextrose U. S. P. XI. In *Cyclop. Med. (Piersol-Bortz)* Phila., 1939, 6: 784-90.—**Cianci, V., & Pannain, I.** Modificazioni che si verificano nelle soluzioni di glucosio sterilizzate in autoclave. *Boll. Soc. ital. biol. sper.*, 1932, 7: 1442-8.—**Corkill, A. B.** The value of the rectal administration of glucose. *Med. J. Australia*, 1936, 1: 807-15.—**Dreesbach, F.** Erfahrungen mit Dextropur in der Kleintierpraxis. *Berl. tierärztl. Wschr.*, 1939, 55: 535.—**Dutton, W. F., & Reeves, E. E.** Dextrose phlebotomy. *Clin. M. & S.*, 1934, 41: 509-13.—**Ellermann, M., & Törning, K.** Charge intraveineuse de glucose administrée à des enfants. *Rev. fr. pédiat.*, 1933, 9: 632-9.—**Elser, W. J., & Stillman, R. G.** The preparation of dextrose solution for intravenous administration. *Am. J. Clin. Path.*, 1937, 7: 221; 307.—**Epstein, B., & Saxl, O.** Zur intravenösen Dauertropfinfusion mit Glukoselösung. *Jahrb. Kinderh.*, 1937, 3. F., 99: 319-25.—**Fantus, B.** The prescribing of dextrose phlebotomy. *J. Am. M. Ass.*, 1934, 102: 2165-70.—**Frommer, E. M.** The prolonged intravenous glucose infusion. *Clin. Med.*, 1926, 33: 546-9.—**Gawalowski, A.** La preparazione del glucosio commerciale. *Gior. farm.*, Trieste, 1901, 6: 289-94.—**Glaser, J.** The intramuscular injection of dextrose. *J. Am. M. Ass.*, 1928, 91: 722-6. Also repr.—**Grulee, C. G., & Sanford, H. N.** The use of dextrose intraperitoneally in infants and in young children. *Am. J. Dis. Child.*, 1928, 36: 445-9.—**Gutzeit, K.** Orale Traubenzuckertherapie bei lebensrettender Therapie. *Ther. Gegenwart*, 1937, 78: 1-7.—**Hess, H. H.** Zur intravenösen Traubenzuckertherapie. *Deut. med. Wschr.*, 1926, 52: 1007-9.—**Holtz, F., & Steinbrück, R.** Ueber Traubenzuckerlösungen für parenterale Infusionen. *Arch. Pharm.*, Berl., 1933, 271: 321-3.—**Horsley, J. S.** The intravenous administration of dextrose in Ringer's solution with particular reference to its use in acute abdominal conditions. *Ann. Surg.*, 1933, 98: 678-84. — Further observations upon the continuous intravenous injection of dextrose in Ringer's solu-

tion. *Virginia M. Month.*, 1934, 61: 84-9. — & **Horsley, G. W.** Continuous intravenous injection of dextrose in Ringer's solution, its technic and indications, and a new intravenous cannula. *Arch. Surg.*, 1931, 20: 86-93.—**Ingersoll, C. D.** The chemical aspects of intravenous glucose injections. *J. Lab. Clin. M.*, 1929-30, 15: 51-3.—**Johnson, H. H., & Stowe, W. P.** Intravenous glucose therapy; one hospital's story. *Mod. Hosp.*, 1934, 43: 92-6.—**Kraft, R.** Ueber Verwendung kolloidaler Eisenzuckerlösungen in der Chirurgie. *Deut. Zschr. Chir.*, 1927, 201: 289-300.—**Long, W. N.** Glucose, with special reference to its intravenous administration. *Pennsylvania M. J.*, 1934-35, 38: 9-12.—**Luy, H.** Traubenzucker in der Wundbehandlung, Erfahrungen mit Dextrosmon (Dextropuralbe) *Münch. med. Wschr.*, 1937, 84: 1533.—**McConnell, W. T.** Venoclysis, the continuous intravenous administration of glucose. *Am. J. Obst.*, 1931, 21: 250-6.—**Malone, B.** The intravenous use of glucose. *Surg. J.*, 1927-28, 34: 1-3.—**Matthews, H. B., & Mazzola, V. P.** The intravenous use of hypertonic glucose in obstetrics and gynecology; an experimental and clinical study. *Surg. Gyn. Obst.*, 1936, 62: 781-90.—**Nicolai, M.** Zur praktischen Durchführung der peroralen Traubenzuckertherapie. *Fortsch. Ther.*, 1936, 12: 465-71.—**Pallier, A., & Wieruchowski, M.** L'injection ondulatoire de glucose par la voie intraveineuse, à vitesse sinusoidale. *C. rend. Soc. biol.*, 1931, 107: 294-6.—**Parise, N., & Formicola, P.** Sul metodo di elezione della terapia glucosata. *Morgagni*, 1931, 73: 503-10.—**Pendleton, W. R.** Methods for preventing the agglutination of blood by glucose solutions. *J. Lab. Clin. M.*, 1926-27, 12: 369-72.—**Petersen, W. E., & Boyd, W. L.** Glucose infusion through the external pudic artery. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 537-9.—**Prasad, M.** The value of intravenous glucose therapy in clinical practice. *J. Ind. M. Ass.*, 1937-38, 7: 213-5.—**Rudolf, R. D.** The oral administration of glucose. *Canad. M. Ass. J.*, 1926, 16: 778-80.—**Salvati, A. A.** Glucosa: modos de usarla e indicaciones terapéuticas. *Dia. méd.*, B. Air., 1933-34, 6: 939-41.—**Sanford, H. N., & Heitmeyer, P. L.** Intraperitoneal use of dextrose in treatment of diseases of children. *J. Am. M. Ass.*, 1928, 90: 737.—**Schwartz, K.** Ueber den Wert der Traubenzuckerlösungen. *Med. Klin.*, Berl., 1939, 35: 246.—**Shaw, R. C., & Cunningham, R.** The continuous intravenous administration of glucose. *Clin. J.*, Lond., 1934, 63: 338-42.—**Shohl, A. T.** Preparation of dextrose for intraperitoneal injection. *Am. J. Dis. Child.*, 1929, 38: 943.—**Schwentker, F. F.** The preparation of dextrose for parenteral injection. *Ibid.*, 1930-31, 40: 533-5. Also repr.—**Titus, P.** Dextrose solutions for intravenous injections; technique of preparation and administration. *Tr. Am. Ther. Soc.* (1929) 1930, 29: 154-7. — & **Lightbody, H. D.** Report of investigations to determine the therapeutic dose of dextrose (d-glucose) administered intravenously. *Am. J. Obst.*, 1929, 18: 208-14 [Discussion] 294.—**Whitney, H. A. K.** A method for the preparation of parenteral dextrose solutions. *J. Am. Pharm. Ass.*, 1934, 23: 906-8.—**Willems, J. D., & McNealy, R. W.** Glucose solution; its optimum concentration for therapeutic administration. *Northwest M.*, 1929, 28: 329.

— Threshold.

See Glycosuria.

— Tolerance.

See Blood sugar, Regulation; Functional tests; Diabetes mellitus, Diagnosis; Liver, Functional tests.

— Untoward effects.

Askey, E. V., & Hall, E. M. Intravenous infusion of glucose; with report of anaphylactoid reaction. *California West. M.*, 1930, 32: 394-7.—**Bouckaert, J. P., de Nayer, P. P., & Van Oostveldt, M.** Les effets toxiques de l'injection du glucose. *C. rend. Soc. biol.*, 1934, 117: 91-3.—**Brockmann, F.** Die Behandlung mit intravenösen Traubenzuckerinjektionen und der sogenannte Wasserfehler. *Deut. med. Wschr.*, 1934, 60: 615.—**Glaessner, K.** Le choc hyperglycémique. *Arch. mal. app. digest.*, Par., 1939, 29: 615-23.—**Hassin, G. B.** Nerve injuries caused by intravenous injections of dextrose. *J. Am. M. Ass.*, 1938, 110: 948.—**Jacobs, H. R., & Colwell, A. R.** Lesions in the pancreas and in the anterior hypophysis with fatal acidosis following prolonged intravenous administration of glucose (in dogs) *Am. J. Physiol.*, 1936, 116: 194-200.—**Lee, J.** Nuclear alterations following intravenous injections of glucose and of other solutions. *Am. J. Path.*, 1936, 42: 217-34, 2 pl.—**Miyasaki, Y., Murayama, A.** [et al.] Ueber die Veränderungen der innersekretorischen Drüsen und der wichtigen Organe durch wiederholte Injektionen von Glukose. *Tr. Soc. path. jap.*, 1935, 25: 771-5.—**Stuttford, W. E.** Severe and fatal reactions following the intravenous use of gum acacia glucose infusions. *Surg. Gyn. Obst.*, 1937, 64: 772-84.

GLUCOSIDASE.

See also Glucoside; also proper names of enzymes as Emulsin; Maltase, &c.

Aizawa, K. Die fermentative Hydrolyse des p-Nitrophenol-β-galactosids. *Enzymologia*, Haag, 1939, 6: 321-4.—**Blagoveshchenski, A. V., & Sossiedov, N. I.** The specific action of plant enzymes; the specific conditions of action of leaf salici-

- nases. *Biochem. J.*, Lond., 1927, 21: 1206-10.—**Bredereck, H.**, & **Geyer, E.** Ueber die Phosphoramidasen in Emulsin und Trypsin. *Zschr. physiol. Chem.*, 1938, 254: 223-6.—**Cattaneo, C.** Ricerche sulle glicosidasi; idrolisi enzimatica dell'acido melibionico. *Arch. sc. biol.*, Bologna, 1937, 23: 472-6.—**Daels, F.** Les enzymes, déterminants des nouveaux ecoproticophores dans les drogues à anthraquinones. *Bull. Acad. méd. Belgique*, 1926, 5. ser., 6: 397-402.—**Hall, D. H.** A new enzyme of the glycosidase type. *Nature*, Lond., 1938, 142: 150.—**Helfferich, B., Grünler, S., & Gnüchtel, A.** Die fermentative Spaltung von 6-Halohydrin- β -D-glucosiden und verwandten Verbindungen. *Zschr. physiol. Chem.*, 1937, 248: 85-95.—**Helfferich, B., & Scheiber, H.** Die Spaltung von Kresolglykosiden und die Einheitlichkeit von Glykosidasen verschiedener Herkunft. *Ibid.*, 1934, 226: 272-80.—**Hofmann, E.** Zur Spezifität der Glykosidasen. *Biochem. Zschr.*, 1936, 285: 429-47.—**Josephson, K.** Enzymatische Spaltung von Glucosiden; über die Wirkungsweise der β -Glucosidase des Emulsins. *Zschr. physiol. Chem.*, 1925, 147: 1-183.—**Amygdalase, Gentianase, Gentianase.** *Zschr. physiol. Chem.*, 1927, 169: 301-4.—**Karström, H.** Zur Spezifität der α -Glucosidasen. *Biochem. Zschr.*, 1931, 231: 399-403.—**Leibowitz, J., & Mechlinski, P.** Ueber Takamaltase und Takasaccharase (Beitrag zur Spezifität der Disaccharasen) *Zschr. physiol. Chem.*, 1926, 154: 64-84.—**Neuberg, C., & Schoenebeck, O. von.** Ueber die Teilferment der Myrosinase. *Biochem. Zschr.*, 1933, 265: 223-36.—**Oppenheimer, C.** α -Glucosidasen. In *Fermente* (Oppenheimer, C.) 1936, Suppl., 1: 235-56.—**Tauber, H., & Kleiner, I. S.** The specificity of β -glucosidases. *J. Biol. Chem.*, 1934, 105: p. xci.—**Veibel, S., & Liljelund, H.** Hydrolyse fermentative de quelques glycosides β d'alcools tertiaires. *C. rend. Acad. sc.*, 1936, 203: 692-4.—**Virtanen, A. I.** Zur Spezifität der α -Glucosidasen. *Biochem. Zschr.*, 1931, 235: 490.—**Weidenhagen, R.** Zur Spezifität der α -Glucosidasen. *Ibid.*, 233: 318-21. Also *Zschr. physiol. Chem.*, 1933, 216: 255-9.

GLUCOSIDE.

See also **Cardiotonics; Cerebroside; Glucose, Esters; Glucosidase; Glycoprotein**; also proper names of natural glucosides and their plants as **Amygdalin; Arbutus; Digitalis; Gaultheria; Lathraea; Thevetin**, &c.

ARMSTRONG, E. F., & ARMSTRONG, K. F. The glycosides. 123p. 8° Lond., 1931.

KIRCHNER, F. *Ueber den Einfluss der digitalisartigen Glykoside Scillaren und Cymarin auf die Dehydrierungsvorgänge im Gewebe [Münster] 14p. 8° Werne, 1933.

LENDLE, L. Digitaliskörper und verwandte herzwirksame Glykoside (Digitaloide) p.11-241. 4° Berl., 1935.

In *Handb. exp. Pharm.* (Heubner & Schüller) 1935. 1:

STOLL, A. The cardiac glycosides. 80p. 8° Lond. [1937]

Aizawa, K. Studien über Carbohydase; die fermentative Hydrolyse der p-Nitrophenolglykoside. *J. Biochem.*, Tokyo, 1939, 30: 89-100.—**Belval, H.** Les fructosides des amarillidées: Lycoris et Narcisse. *Bull. Soc. chim. biol.*, 1937, 19: 1158-63.—**Bergamini, M.** L'azione antiflogistica dei glucosidi antrachinonici nella terapia stomatologica. *Riv. ital. stomat.*, 1936, 5: 749-54.—**Boorsma, S. E.** La curagine. *Ann. pharm.*, Louvain, 1899, 5: 553.—**Bridel, M., & Charaux, C.** L'orobanchine, glucoside nouveau, retiré des tubercules de l'orobanche Rapum Thuill. *C. rend. Acad. sc.*, 1924, 178: 1839-42.—**Bridel, M., & Desmarest, M.** Sur procédé permettant d'extraire, du tourteau d'amande amère, l'amygdalose (amygdaline) et l'émulsine. *Ibid.*, 1927, 185: 1514.—**Brücke, F. T. von.** Ueber die Zerstörbarkeit herzwirksamer Glykoside durch Säure und Alkali. *Arch. exp. Path.*, Berl., 1936, 182: 444-51.—**Buckley, H. M.** The effect of cardiac glycosides on pregnant and non-pregnant rabbits; preliminary report. *Bull. John Sealy Hosp.*, Galvest., 1940, 2: 53-5.—**Casparis, P., & Maeder, R.** A propos de la glucofranguline. *Bull. Soc. chim. biol.*, Par., 1927, 9: 324-6.—**Chen, K. K., Robbins, E. B., & Worth, H.** The significance of sugar component in the molecule of cardiac glycosides. *J. Am. Pharm. Ass.*, 1938, 27: 189-95.—**Clutton, R. F., Harington, C. R., & Mead, T. H.** Studies in synthetic immunochemistry; the synthesis of α - β -Glucosidotyrosine and its introduction into the protein molecule. *Biochem. J.*, Lond., 1937, 31: 764-71.—**Edgars, N. K.** A new glucoside from blueberry leaf. *J. Am. Pharm. Ass.*, 1936, 25: 288-91.—**Fantl, P., & Salem, S. I.** Chellol-Glucosid. *Biochem. Zschr.*, 1930, 226: 166-79.—**Fischer, R.** Das Verhalten von Glykosiden bei der Mikrosublimation. *Arch. Pharm.*, Berl., 1937, 275: 516-26, pl.—**Fromherz, K.** Erfahrungen zur Wertbestimmung herzwirksamer Glykoside am Frosch. *Ibid.*, 1936, 182: 55-71.—**Garbarino, G.** Costituzione chimica ed azione farmacologica nei glucosidi cardiocinetici; tossicità dei glucosidi della serie A e della digitossigenina. *Boll. Soc. ital. biol. sper.*, 1939, 14: 187.—**Scutelsky, G. V.** Costituzione chimica ed azione farmacologica nei glucosidi cardiocinetici; la tossicità dei

deacetildigitalanidi A. B. C. *Ibid.*, 188.—**Giraud-Costa, E.** A propos de la valeur pratique des succédanés de la digitale. *Prat. méd. fr.*, 1932, 13: 813-22. Also *Loire méd.*, 1933, 47: 189.—**Guillaume, A., & Tanret, G.** Sur l'hydrolyse des glucosides, et de quelques composés organiques par les rayons ultraviolets. *C. rend. Acad. sc.*, 1935, 201: 1057-60.—**Hagemeier, A.** Stufenphotometrische Bestimmungen verschiedener herzwirksamer Glykoside und Genine und Beurteilung ihres Reinheitsgrades. *Arch. exp. Path.*, Berl., 1939-40, 194: 195-204.—**Hanaoka, K.** Studies on N-glycosides; N-glycosides of aniline derivatives, and anilides of various sugars. *J. Biochem.*, Tokyo, 1940, 31: 95-107.—**Hérissey, H.** Sur quelques techniques favorisant l'extraction des hétéroside naturels. *Bull. Acad. méd.*, Par., 1939, 3. sér., 121: 472-6.—**Itakura, T., & Nakada, K.** The action of a glycosid from *Rodea japonica* Roth on the asystolia in the case of intramuscular injection. *Jap. J. M. Sc.*, 1936, 4. Proc., Int. Med., 87-9.—**Jacobs, W. A.** The chemistry of the cardiac glycosides. *Physiol. Rev.*, 1933, 13: 222-45.—**Elderfield, R. C.** The lactone group of the cardiac aglycones and Grignard reagent. *J. Biol. Chem.*, 1936, 114: 597-99.—**Jacobs, W. A., & Gustus, E. L.** The digitalis glycosides; the oxidation and isomerization of giteoxigenin. *Ibid.*, 1930, 88: 531-44.—**Hoffmann, A.** The association of the double bond with the lactone group in the cardiac aglycones. *Ibid.*, 1926, 70: 1-11.—**Jacobs, W. A., & Hoffmann, A.** The relationship between the structure and the biological action of the cardiac glycosides. *Ibid.*, 1927, 74: 787-94.—**Jaretsky, R., & Wilcke, M.** Die herzwirksamen Glykoside von Cheiranthus cheiri und verwandten Arten. *Arch. Pharm.*, Berl., 1932, 270: 81-94.—**Karjala, S., & Link, K. P.** Synthesis of glycol glucosides. *J. Am. Chem. Soc.*, 1940, 62: 917-20.—**Karrer, W.** Untersuchungen über herzwirksame Glukoside. In *Festschrift E. C. Borell*, Basel, 1936, 238-45.—**Kingisepp, G.** The wash-out of cardiac glycosides from the frog's ventricle. *J. Pharm. Exp. Ther.*, 1935, 55: 377-89.—**Levendy, L.** Ueber die spontanen Erholungsvorgänge bei der Vergiftung des Froschherzens mit verschiedenen herzwirksamen Glykosiden. *Arch. exp. Path.*, Lpz., 1937, 187: 117-28.—**Klein, G., & Linser, H.** Fluorometrische Bestimmung von Glykosiden: Aesculin. *Biochem. Zschr.*, 1930, 219: 51-71.—**Kochi, M.** On the influence of glucosides on the Streptococcus and other microorganisms. *Jap. J. Exp. M.*, 1940, 18: 95-103, 6 pl.—**Kroeber, L.** Pflanzen der Heimat mit herzwirksamen Glykosiden. *Naturärztl. Rdsch.*, 1937, 9: 263-76.—**Lendle, L.** Ueber hormonale Bedingungen der Froschempfindlichkeit für herzwirksame Glykoside. *Arch. exp. Path.*, Berl., 1933, 171: 269-75. Also repr.—**Levene, P. A., Raymond, A. L., & Dillon, R. T.** Structure of γ -glycosides. *J. Biol. Chem.*, 1932, 96: 449-59.—**Levy, J., & Cahen, R.** Dosage biologique et étalonnage de quelques glucosides cardiotoniques: ouabaine, digitale, scillairènes, cymarine. *Bull. sc. pharm.*, Par., 1931, 38: 23: 85.—**McCallagh, D. R., Walton, C. H. A., & White, F. D.** The fluorescent glucosides of *Dier-villa diervilla* and *Symphoricarpos occidentalis*. *Tr. R. Soc. Canada*, 1929, 3. ser., 23: Biol. Sc., 159-63.—**Madaus, G., Schindler, H., & Koch, F. E.** Ueber die angeblich pflanzenkonservierende Wirkung herzwirksamer Glykoside. *Deut. med. Wschr.*, 1938, 64: 5-7.—**Mehner, H.** Ueber die Prüfung der Kumulationsneigung verschiedener herzwirksamer Substanzen am Warmblüter. *Arch. exp. Path.*, Berl., 1936-37, 184: 181-96.—**Mercier, F., & Macary, S.** Toxicité comparée des glucosides de l'Adonis vernalis, de la digitale et de l'ouabaine. *C. rend. Acad. sc.*, 1938, 128: 228-30.—**Okui, T.** Ueber die Glykoside einiger Fraxinusarten. *Tohoku J. Exp. M.*, 1936-37, 30: 534-9.—**Padgett, A. R., & Degering, E. F.** The preparation and properties of 2, 3, 4, 6-tetra-ethyl- α -methyl-D-glucoside and of 2, 3, 4, 6-tetra-ethyl-D-glucose. *J. Org. Chem.*, 1936-37, 1: 336-8.—**Peters, H. C., & Visscher, M. B.** The influence of digitalis-like glucosides on energy liberation and efficiency in the isolated mammalian heart. *Am. J. Physiol.*, 1935, 113: 105.—**Plouvier, V.** Contribution à la recherche de l'amygdalitrileglucoside et de l'amygdalose dans les plantes. *C. rend. Acad. sc.*, 1935, 200: 2120-2.—**Polonovski, M., Polonovski, M., & Lemette, A.** Synthèse de quelques glucosides alcaïdes. *J. pharm. chim.*, Par., 1933, 8. ser., 17: 145-53.—**Pronin, S. P., & Krylova, S. A.** [Kinetics of the enzyme-synthesis of β -glucosides] *Arch. biol. nauk*, 1936, 44: 167-75.—**Pryde, J., & Williams, R. T.** The biochemistry and physiology of glucuronic acid; the excretion of ethereal sulphate by the rabbit following the administration of phenylglucosides. *Biochem. J.*, Lond., 1936, 30: 794-98.—**Reichert, B., & Turkewitsch, W.** Ueber die Darstellung von Hydrochinon- β -glukosid aus Roharbutin und seine Reaktionsprodukte mit Diazetylorthosalpetersäure. *Arch. Pharm.*, Berl., 1938, 276: 397-408.—**Rothlin, E.** Ueber das Haftvermögen der herzwirksamen Glykoside. *Schweiz. med. Wschr.*, 1935, 65: 1162-4.—**Sánchez, J. A.** Nuevas reacciones cromáticas del autor, diferenciales de los glucosidos cardiotónicos; digitoxina, estrofantina k, ouabaina y digitalina alemana. *Sem. méd.*, B. Air., 1936, 43: pt 2, 151-4.—**Schuntermann, C. E.** Experimentelle Untersuchungen über die Wirkung kristallisierter Herzglykoside am intakten Warmblüter. *Zschr. ges. exp. Med.*, 1932, 81: 519-25.—**Siracusa, V., & Spadaro, O.** Sui supposti glucosidi cadaverici (a proposito del veneficio per digitale) *Riv. pat. sper.*, 1936-37, 16: 1-34, 9 graphs.—**Stoll, A.** The genuine cardiac glycosides. *J. Am. Pharm. Ass.*, 1938, 27: 761-73. Also *Internat. med. W. Schweiz* (1937) 1938, 3. Congr., 25-44.—**Tanret, G.** Sur le glucoside

des graines de coronille. Bull. Soc. chim. biol., Par., 1934, 16: 941-56. Also C. rend. Acad. sc., 1934, 198: 1637-9.—**Ter Horst, L. M.** The QT-interval, its connection with the clinical effects of digitalis, strophanthin and calcium. Acta med. scand., 1939, 101: 362-408.—**Veibel, S., & Nielsen, E.** Un cas de β -glucoside non hydrolysable. C. rend. Acad. sc., 1936, 203: 126-8.—**Visscher, M. B.** The importance of a physiological rather than a toxicological assay of cardiac glycosides. Proc. Inst. M. Chicago, 1936, 11: 5.—**Watson, E. M.** The glycosides. Australas. J. Pharm., 1936, n. ser., 17: 342-4.—**Wedum, A. G.** Investigation of certain synthetic glucosides for antigenic properties. J. Infect. Dis., 1933, 52: 203-8. Also repr.—**Wilson, R. H., & DeEds, F.** Effects of naringin and hesperidin on albino rats. Food Res., 1940, 5: 89-92.—**Zwemer, R. L., & Lowenstein, B. E.** Cortin-like effects of steroid glycosides on potassium. Science, 1940, 91: 75.

GLUCOSULFATASE.

Soda, T. Ueber Glucosulfatase, ein neues Enzym, welches Zuckerschwefelsäure spaltet. J. Fac. Sc. Univ. Tokyo, 1936, 3: 149-222.

GLUCURONIC acid.

See also Carbohydrates, Types: Saccharides: Acid derivatives; Chondrosamine; Glucosamine; Glucose, Acid; Glycoprotein; Liver, Functional test.

Ambrose, A. M., & Sherwin, C. P. Source of glucuronic acid. Proc. Am. Soc. Biol. Chem., 1933, 8: p. iv.—**Bénech, J.** Sucre et acide glucuronique. C. rend. Soc. biol., 1922, 87: 345.—**Bigoni, A., & Lo Cascio, G.** Circa la presenza di acido glucuronico nel liquor. Riv. sper. frenat., 1937, 61: 989-91.—**Bueding, E., & Ladewig, F.** Glucuronic acid produced by surviving slices of livers from animals poisoned with phosphorus or chloroform. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 464.—**Goebel, W. F.** The immunological properties of an artificial carbohydrate-protein antigen containing glucuronic acid. J. Bact., Balt., 1936, 31: 66.—**Babers, F. H.** The preparation of glucuronic acid from glucuron and a comparison of their reducing values. J. Biol. Chem., 1933, 100: 573-81. Also repr.—**Kawanishi, T.** Ueber die Herkunft der Glukuronsäure im Organismus. Mitt. Med. Akad. Kioto, 1932, 6: 827-71.—**Leutler, A.** Notes sur l'acide glucuronique. J. pharm. chim., Par., 1936, 8. ser., 24: 64; 122. Also Rev. serv. san. mil., Par., 1936, 104: 281-97.—**Mary Adeline, Sister.** Concerning the origin of glucuronic acid. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 8.—**Miller, C. O., Brazda, F. G., & Elliot, E. C.** Studies on the metabolism of glucuronic acid in the dog. Ibid., 1933, 30: 633-8.—**Miller, C. O., & Conner, J. A.** Origin of glucuronic acid in the urine of rabbits. Ibid., 1934, 31: 1.—**Miller, C. O., Siehrs, A. E., & Brazda, F. G.** Glucuronic acid as a growth factor in guinea pigs. Ibid., 636-8.—**Mittelstedt, A. A.** Die Bedeutung des Zuckers im Stoffwechsel beim Menschen unter der Wirkung hoher äusserer Temperatur; die Wirkung der Einführung von Zucker auf die Absonderung von Glukuronsäure beim Menschen bei Ueberwärmung. J. Physiol. USSR, 1933, 18: 781-5.—**Pryde, J., & Williams, R. T.** The structure of glucuronic acid of animal origin. Biochem. J., Lond., 1933, 27: 1197-204.—**Quick, A. J.** On the origin of glucuronic acid in the organism. J. Biol. Chem., 1926, 70: 397-404. Quantitative studies of β oxidation; the effect of insulin and of acetoacetic acid on the production of glucuronic acid. Ibid., 1932, 98: 537-41.—**Kahn, M. C.** The fermentation of glucuronic acid by certain bacteria. J. Bact., Balt., 1929, 18: 133-7.—**Scheff, G.** Ueber die Reduktionsfähigkeit chemisch reiner Glukuronsäure. Biochem. Zschr., 1928, 194: 96-104.—**Takahashi, T., & Asai, T.** On glucuronic acid fermentation. Zbl. Bakt., 2. Abt., 1931, 84: 193-5.—**Tanaka, J.** Zur Pharmakologie der Glukuronsäure, mit besonderer Berücksichtigung der diuretischen Wirkung des Natriumsalzes dieser Säure. Fol. pharra. jap., 1931, 13: [Brev.] 14.

Determination.

See also Glucuronuria.

Ajazzi-Mancini, M. Osservazioni critiche sperimentali intorno alla identificazione dell'acido glucuronico ed alla sua differenziazione da altri esosi e dai pentosi. Biochim. ter. sper., Milano, 1925, 12: 118-27.—**Fürth, O., & Peschek, K.** Ueber Mikrobestimmung der Glukuronsäure. Biochem. Zschr., 1936, 287: 365-79.—**Haar, A. W. van der.** Ueber den Nachweis der d-Glukuronsäure und ähnlich sich verhaltenden Säuren mittels der Naphthoresorinreaktion. Ibid., 1918, 88: 205-12.—**Scheff, G.** Ueber spektrophotometrische Bestimmung der Glukuronsäure. Ibid., 1927, 183: 341-9.

Glucuronide.

CHAMBRON, M. *Acide glycuronique et glycuconjugaison. 264p. 8° Lyon, 1934.

HÄMÄLÄINEN, J. *Ueber das Verhalten der alcyklischen Verbindungen bei der Glykuron-

säurepaarung im Organismus [Univ. Finnland] 88p. 8° Lpz., 1912.

Ambrose, A. M., Power, F. W., & Sherwin, C. P. Further studies on the detoxication of phenylacetic acid. J. Biol. Chem., 1933, 101: 669-75.—**Barbier, H.** A propos de la présence de l'acide glycuronique dans l'organisme d'un enfant à la suite d'injection d'huile camphrée. Bull. Soc. pédiat. Paris, 1929, 27: 108.—**Crismer, R.** Description d'un nouveau procédé de préparation de l'acide bornéolglucuronique. C. rend. Soc. biol., 1940, 133: 271-3.—**Goebel, W. F.** Derivatives of glucuronic acid; the structure of henzyolglucuronic acid. J. Biol. Chem., 1937-38, 122: 649-53.—**Babers, F. H.** The acetylation of glucuron. Ibid., 1933, 100: 743-8.—**The synthesis of diacetylchloroglucuron.** Ibid., 101: 173-7.

The synthesis of α - and β -tetraacetylglucuronic acid methyl ester and of l-chlorotriacetylglucuronic acid methyl ester. Ibid., 1934, 106: 63-9. Derivatives of glucuronic acid; the synthesis of glucuronides. Ibid., 1935, 110: 707-17. The preparation of α -chloro- and α -bromo-triacetylglucuronic acid methyl ester, and the synthesis of β -glucuronides. Ibid., 111: 347-53. Also repr.—**Goebel, W. F., & Reeves, R. E.** Derivatives of glucuronic acid; the synthesis of aldobionides and the relationship between the molecular rotation of derivatives of acetylated aldoses and uronic acids. Ibid., 1938, 124: 207-20.—**Hemingway, A., Pryde, J., & Williams, R. T.** The site and mechanism of the formation of conjugated glucuronic acid. Biochem. J., Lond., 1934, 28: 136-42.—**Jacobsohn, K. P., & da Cruz, A.** L'acide menthol-glucuronique obtenu par synthèse biologique après ingestion du menthol racémique. C. rend. Soc. biol., 1930, 104: 431.—**Kawanishi, T.** Vergleichende Untersuchung über die zur Bestimmung der gepaarten Glukuronsäure verwendeten Methoden. Mitt. Med. Akad. Kioto, 1932, 6: 289-302. Einfluss des Chinins auf die Bildung der Kamphoglukuronsäure. Ibid., 303-28.—**Lipshitz, W. L., & Bueding, E.** Mechanism of the biological formation of conjugated glucuronic acids. J. Biol. Chem., 1939, 129: 333-58. Also repr.—**Matsumoto, A.** Ueber den Einfluss von Insulin- und Adrenalininjektionen auf die Bildung der gepaarten Glukuronsäure. Acta Scholae med. Univ. Kioto, 1927-28, 10: 271-6.—**Mori-naka, K.** Ueber die Bildung gepaarter Glukuronsäure nach Elbonverfütterung. Zschr. physiol. Chem., 1922-23, 124: 247-52.—**Nishimura, K.** Influence of the total exclusion of liver upon the formation of conjugated glucuronic acid in dog. Jap. J. M. Sc., 1934-35, 8: Pharm., H. 3, 111-4.—**Nord, F. F.** d-Glukuronsäure und ihre Parallelen; Nachweis und Darstellung. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) 1922, Abt. I, Teil 5, 1065-84.—**Power, F. W.** Detoxication of phenylacetic acid by the chimpanzee. Proc. Soc. Exp. Biol., N. Y., 1935-36, 33: 598-600.—**Pryde, J., & Williams, R. T.** The biochemistry and physiology of glucuronic acid; the methylation of glucuronic acid of animal origin. Biochem. J., Lond., 1933, 27: 1205-9.

The structure of henzyolglucuronic acid. Ibid., 1210-5. The occurrence of conjugated glucuronic acids in the animal body; observations on the conjugation of d- and l-borneol. Ibid., 1934, 28: 131-5. The biochemistry and physiology of glucuronic acid; a note on the conjugation of borneol in man. Ibid., 1936, 30: 799-800.—**Quick, A. J.** The synthesis of menthol glucuronic acid in the rabbit. J. Biol. Chem., 1924, 61: 679-83. The preparation and study of β -d-glucuronic acid monobenzoate (benzoyl glucuronic acid) Ibid., 1926, 69: 549-63. The preparation of borneol glucuronic acid and glucuronic acid. Ibid., 1927, 74: 331-41. Also repr. A note on the structure and chemistry of glucuronic acid monobenzoate. Biochem. J., Lond., 1934, 28: 403-5.—**Rangier, M., & Traverse, P. M. de.** Sur une forme de l'acide glycuronique urinaire. Bull. Soc. chim. biol., Par., 1939, 21: 1327-9.—**Reeves, R. E.** The structure of trimethyl glucurone. Stud. Rockefeller Inst. M. Res., 1940, 116: 271-3.—**Schapiro, E.** Synthesis of steroid glucuronides. Biochem. J., Lond., 1939, 33: 385-8.—**Schmid, F.** Recherches sur le lieu de formation des conjugués glycuroniques dans l'organisme. C. rend. Soc. biol., 1936, 123: 223-6.—**Wagreich, H., Kamin, H., & Harrow, B.** On the detoxication of phenylacetic acid by glucuronic acid in humans. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 468-70.—**Williams, R. T.** Studies in detoxication; the conjugation of isomeric 3-menthols with glucuronic acid and the asymmetric conjugation of dl-menthol and dl-isomenthol in the rabbit; d-isomenthyl-glucuronide, a new conjugated glucuronic acid. Biochem. J., Lond., 1938, 32: 1849-55. The use of the glucuronic acid detoxication mechanism of the rabbit for the resolution of dl-menthol. Ibid., 1939, 33: 1519-24. Studies in detoxication; the resolution of dl-isomenthol through its conjugation with glucuronic acid in the rabbit. Ibid., 1940, 34: 48-50. The preparation of d-glucurone from ammonium menthylglucuronate. Ibid., 272-5. The biological reduction of l-menthone to d-neomenthol and of d-isomenthone to d-isomenthol in the rabbit; the conjugation of d-neomenthol with glucuronic acid. Ibid., 690-7.

Glucuronide: Determination.

Bigwood. Rapport de la Commission chargée d'examiner le mémoire présenté par MM. M. Florin et R. Crismer sous le titre de: contributions à l'étude des glucuronocjugués et de la glucuronocjuguaison; dosage photométrique des glu-

curoconjugués urinaires du type éther-oxyde. Bull. Acad. méd. Belgique, 1940, 6. ser., 5: 41-3.—**Crismer, R.** A propos du dosage photométrique des glucuronoconjugués. C. rend. Soc. biol., 1939, 132: 481.—Principes d'une méthode de dosage des acides glucuroniques conjugués du type éther dans le sang des Mammifères. Ibid., 482-4.—& **Florkin, M.** Dosage photométrique des glucuronoconjugués; application à l'urine. Ibid., 131: 1277-80.—Contributions à l'étude des glucuronoconjugués et de la glucuronoconjugaison; dosage photométrique des glucuronoconjugués urinaires du type éther-oxyde. Bull. Acad. méd. Belgique, 1940, 6. ser., 5: 50-62.—**Maughan, G. B., Evelyn, K. A., & Browne, J. S. L.** A method for the quantitative estimation of glucuronic acid and conjugated glucuronides. J. Biol. Chem., 1938, 126: 567-72.—**Meyer, A., & Jeannin, J.** La réaction de Legal appliquée à la recherche de l'acide glycuronique, de ses dérivés conjugués, et à l'étude de l'élimination urinaire de certains médicaments. Bull. Acad. méd., Par., 1931, 3. ser., 105: 756-8. Also Bull. Soc. chim. biol., Par., 1931, 13: 542-7. Also J. pharm. chim., Par., 1931, 8. ser., 14: 49-54.—**Mozolowski, W.** The quantitative estimation of glycuronic acid and its conjugated compounds by means of the naphthoresorcinol test of Tollens. Biochem. J., Lond., 1940, 34: 823-8.—**Salt, H. B.** The application to urine of Tollens's naphthoresorcinol test for conjugated glucuronides. Ibid., 1935, 29: 2705-9.

GLUCURONIDASE.

Bergmann, F. Ueber das enzymatische Verhalten von Glucuroniden und über Glycyrrhizinsäure. Biochem. Zschr., 1933, 267: 296-308.—**Fishman, W. H.** Studies on β -glucuronidase; a method of preparation and purification. J. Biol. Chem., 1939, 127: 367-73.—Studies on β -glucuronidase; factors controlling the initial velocity of hydrolysis of some conjugated glucuronides. Ibid., 131: 225-32. Also repr.

GLUCURONURIA.

See also **Liver**, Functional test.

Etienne, G., & Benech, J. Epreuve de la glycuronurie provoquée et insuffisance hépatique. C. rend. Congr. fr. méd., 1922, 16. sess., 191-5.—**Guarino, A.** Sul comportamento della glycuronuria in alcune condizioni morbose. Pensiero med., 1933, 22: 99; 128.—**Javillier, L.** L'acide glycuronique et la glycuronurie. Biol. méd., Par., 1914-21, 12: 333-40.—**Pozzi, G.** Glycuronuria e prognosi operativa. Arch. Soc. ital. chir. (1927) 1928, 34: 487-96.—**Roger, H.** Glycurie et glycuronurie. Presse méd., 1926, 34: 1249.—**Sauer, J.** Neue Methode der quantitativen Bestimmung der Glykuronsäure im Harn. Klin. Wschr., 1930, 9: 2350.—Die quantitative Glykuronsäurebestimmung im Harn ist eine Leberfunktionsprüfung. Ibid., 2351.—**Takagi, K.** Ueber die Glykuronsäureausscheidung im gesunden Säuglingsharn. Mitt. Med. Akad. Kioto, 1937, 19: 817.—**Wisingerné, M. M.** [Practical importance of glycuronuria] Gyógyászat, 1933, 73: 462.

GLUE.

See also **Gelatin**; **Gliadin**.

Andrews, G. C., & McNitt, C. W. Glue sensitivity. J. Allergy, 1931, 3: 30-8.—**Wasserman, A., Voltaire, S., & Rhodorov, D.** [Clinic of professional dermatitis in glue factory workers] Vrach. delo, 1927, 10: 1564-6.

GLUECK, Alexandre, 1902—*Cure radicale ambulatoire des hémorroides procidentales par la diathermo-coagulation. 40p. 8°. Par., A. Legrand, 1928.

GLUECK, Alois, 1898—*Ueber einen Fall von Sinusthrombose nach Ausführung des kleinen Kaiserschnittes [München] 13p. 4°. Kelheim, E. Leik, 1925.

GLUECK, Bernard, 1883—

See **Alexander, Franz.** The psychoanalysis of the total personality &c. 176p. 8°. N. Y., 1930.

GLUECK, Christoph Willibald, 1714-87.

Koopman, J. [Biography] Ned. tscr. geneesk., 1929, 73: pt 2, 5752-6.

GLUECK, Eleanor Touroff.

See **Glueck**, [Sol] **Sheldon**, & **Glueck**, Eleanor T. Five hundred delinquent women. 539p. 8°. N. Y., 1934.—One thousand juvenile delinquents. 341p. 8°. Cambr. [Mass.] 1934.—Preventing crime; a symposium. 509p. 8°. N. Y., 1936.—Later criminal careers. 403p. 8°. N. Y., 1937.—Juvenile delinquents grown up. 330p. 23½cm. N. Y., 1940.

GLUECK, Günter, 1908—*Ueber die hemmende und tödende Wirkung von Silbernitrat in Nährböden und Elektrolyten. p.38-60. 8°. Lpz. [n. pub.] 1933.

Also Arch. Hyg., Münch., 1933, 110:

GLUECK [Sol] Sheldon, 1896—, & **GLUECK, Eleanor Touroff.** Five hundred delinquent women. xxiv, 529p. 8°. N. Y., A. A. Knopf, 1934.

—One thousand juvenile delinquents; their treatment by court and clinic. xxix, 341p. 8°. Cambr., Harvard Univ. Press, 1934.

—Preventing crime; a symposium. xi, 509p. forms. 8°. N. Y., McGraw-Hill, 1936.

—Later criminal careers. xi, 403p. 8°. N. Y., Commonwealth Fund, 1937.

—Juvenile delinquents grown up. viii, 330p. 23½cm. N. Y., Commonwealth Fund, 1940.

GLUECK, Walther, 1910—*Ueber die Verletzungen der Menisci im Kniegelenk [Heidelberg] 24p. 21cm. Speyer, Pilger, 1936.

GLUECK, Wilhelm, 1897—*Die Rippen-tuberkulose mit besonderer Berücksichtigung der Beziehungen zwischen Pleura- und Rippen-tuberkulose [Frankfurt a. M.] 22p. 8°. Wiesb., O. Münch, 1929.

GLUECKERT, Wolfgang, 1909—*Zahn-ärztliche Fürsorge in den Kommunen [Heidelberg] 29p. 8°. Bottrop, W. Postberg, 1932.

GLUECKMANN, Ber. *Vergleich der Angaben über die Segmentinnervation der oberen Gliedmassen [Basel] 20p. 8°. S. Louis, Ed. Alastia, 1930.

GLUECKMANN, Esther [geb. Matis] 1901—*Untersuchungen über die Schichtung des Mageninhaltes und die Sekretion verschiedener Magenabschnitte. p.43-50. 8°. Berl., E. Ebering, 1927.

Also Arch. Verdauungskr., 1929, 45:

GLUECKMANN, Leo. *Versuche über den Einfluss des Lichtes auf die Ausscheidung einiger Harnbestandteile [Basel] 15p. 8°. S. Louis, Schneider, 1929.

GLUECKS, Hanns, 1904—*Versuche über die Kombination von Novokain und Kalium-Sulfat in gepufferten Lösungen am motorischen Nerven [Halle] 13p. 8°. Düsseld., G. H. Nolte, 1933.

GLUECKSMANN, Hermine, 1908—*Die Behandlungsmethoden der habituellen Schulterluxation. 15p. 8°. Berl., P. Brandel, 1935.

GLUECKSTEIN, Rudolf, 1911—*Zur Frage der Berechtigung eines operativen Eingriffes während der Menses (unter besonderer Berücksichtigung der zahnärztlichen. 15p. 8°. Münch., Bayer, Dr & Verl. Anst., 1934.

GLUECKSTEIN, Shimon, 1907—*Etude du coryza contagieux des gallinacés [Alfort] 47p. 8°. Par., Jouve & cie, 1931.

GLUGEA.

See **Microsporidia**; **Rabies**.

GLUKHORMENT.

See **Diabetes mellitus**, Treatment: **Guanidin** derivatives; also **Guanidin**.

GLUSCHKE, Melitta, 1906—*Die Identitätsbestimmung an der Leiche unter besonderer Berücksichtigung der Daktyloskopie. 19p. 8°. Bresl. [n. pub.] 1933.

GLUSCHKIN, Jacob, 1904—*Organisation de l'hygiène publique en Lettonie. 31p. 8°. Par., Jouve & cie, 1935.

GLUTAMIC acid.

See also **Amino acids**; **Glutamine**; **Glutaric acid**; **Glutathione**; **Histidine**; **Protein**, Metabolism.

WOLFENBERGER, C. *Beitrag zur Kenntnis des Fettstoffwechsels: Ueber das Verhalten von N-Methyl-benzolsulfonyl-glutaminsäure im Tierkörper. 54p. 8°. Zür., 1937.

Abderhalden, E. Gewinnung von L-Leucyl-d-glutaminsäure und seines Anhydrides aus mit Trypsin verdautem Gliadin. Zschr. physiol. Chem., 1926, 154: 18-20. — & Murke, H. Beitrag zur Kenntnis der β -Oxyglutaminsäure. Ibid., 1937, 247: 227-38, pl.—Abderhalden, E., & Nienburg, H. Darstellung von l (+)-Glutaminsäure-monoäthylester, l (-)-Isoglutamin und l (-)-N-Carbobenzoxy-glutaminsäure-monoäthylester. Ibid., 1933, 219: 155-7.—Abderhalden, E., & Rossner, E. Versuche über die Einwirkung von Erepsin und Trypsin auf d-Glutaminsäure enthaltende Polypeptide. Fermentforschung, 1926-28, 9: 494-500.—Adler, E., Günther, G., & Everett, J. E. Ueber den enzymatischen Abbau und Aufbau der Glutaminsäure in Hefe. Zschr. physiol. Chem., 1938, 255: 27-35.—Adler, E., Hellström, V. [et al.] Ueber den enzymatischen Abbau und Aufbau der Glutaminsäure in *Bacterium coli*. Ibid., 14-26.—Arnou, L. E., & Opsahl, J. C. Partial racemization of glutamic acid in boiling hydrochloric acid solutions. J. Biol. Chem., 1940, 133: 765. — Racemization of glutamic acid with heat. Ibid., 134: 649-51.—Bergell, P. Ueber neue Verbindungen der Glutaminsäure. Zschr. physiol. Chem., 1919, 104: 182-8.—Bruckner, V., & Ivánovics, G. Ueber das natürliche Vorkommen und über eine einfache biologische Gewinnungsart der l (-)-Glutaminsäure. Ibid., 1937, 247: 281-4.—Butts, J. S., Blunden, H., & Dunn, M. S. Studies in amino acid metabolism; fate of d-glutamic, dl-glutamic, dl-pyrogutamic, l-aspartic, and dl-aspartic acids in the normal animal. J. Biol. Chem., 1937, 119: 247-55. — The metabolism of d- and dl-glutamic acids, l- and dl-aspartic acids, dl-pyrogutamic acid. Ibid., p. xv.—Chibnall, A. C., Rees, M. W., & Williams, E. F. Glutamic acid of proteins. Nature, Lond., 1940, 145: 311.—Chibnall, A. C., Rees, M. W. [et al.] The glutamic acid of normal and malignant tissue proteins. Biochem. J., Lond., 1940, 34: 285-300.—Clark, W. G., Arnou, L. E., & Opsahl, J. C. Configuration of glutamic acid isolated from proteins of pig and chick embryo tissues. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 767-9.—Cohen, P. P. Microdetermination of glutamic acid. Biochem. J., Lond., 1939, 33: 551-8.—Dakin, H. D. On amino acids; hydroxyglutamic acid. Ibid., 1919, 13: 398-429.—Dunn, M. S., & Stoddard, M. P. Crystalline anhydrous and monohydrated dl-glutamic acid. J. Biol. Chem., 1937, 121: 521-9. Also repr.—Euler, H. von, Adler, E. [et al.] Ueber den enzymatischen Abbau und Aufbau der Glutaminsäure in tierischen Geweben. Zschr. physiol. Chem., 1938, 254: 61-103.—Fruton, J. S., Irvin, G. W., jr., & Bergmann, M. Preparation of d(-)-glutamic acid from dl-glutamic acid by enzymatic resolution. J. Biol. Chem., 1940, 133: 703-5.—Greenstein, J. P. Studies of multivalent amino acids and peptides; the synthesis of certain derivatives of lysyl-glutamic acid. Ibid., 1935, 109: 541-4.—Hammett, F. S. The differentiation forwarding action of d-glutamic acid. Protoplasma, Lpz., 1936-37, 27: 61-4.—Johnson, J. M. Glutamic acid from normal and cancerous tissue. J. Nat. Cancer Inst., 1940, 1: 113-7. — A comparison of the optical forms of glutamic acid from normal and cancerous tissue. J. Biol. Chem., 1940, 132: 781. — The racemization of glutamic acid. Ibid., 134: 459.—Luck, J. M., & Lewis, H. G. The calorific action of glutamic acid. Ibid., 1934, 105: p. lv.—Mainzer, F. Ueber Glutaminsäure als Kochsalzersatzmittel; allgemeine Eigenschaften der Glutaminsäure als Kochsalzersatzmittel. Wien. Arch. inn. Med., 1935-36, 28: 439-46. — Die Konzentrationsbeziehungen zwischen Harnstoff und Chloriden im Harn des gesunden und nierenkranken Menschen bei Kochsalz- und Harnstoffbelastung. Ibid., 1936, 29: 53-68. Also Wien. klin. Wschr., 1937, 50: 1423.—Marvel, C. S., & Stoddard, M. P. A convenient synthesis of dl-glutamic acid. J. Org. Chem., 1938-39, 3: 198-203.—Neuberger, A. Dissociation constants and structures of glutamic acid and its esters. Biochem. J., Lond., 1936, 30: 2085-94.—Oesterlin, M. Die Oxydation der Glutaminsäure im Tierkörper. Biochem. Zschr., 1929, 215: 203.—Pertzoff, V. A. The solubility of glutamic acid in water and certain organic solvents. J. Biol. Chem., 1933, 100: 97-104. Also repr.—Sarzana, G. Assorbimento del peptone di glutine e dell'acido glutaminico introdotti in un'ansa alla vella. Boll. Soc. ital. biol. sper., 1935, 10: 173-5.—Schmidt, C. L., & Foster, G. L. A cheap and convenient source for glutamic acid. Proc. Soc. Exp. Biol., N. Y., 1920-21, 18: 205.—Sulmann, F. Ueber das hämatologische Verhalten der Glutaminsäure. Zschr. Immunforsch., 1932, 74: 459-68.—Wilson, H., & Cannan, R. K. The glutamic acid-pyrrolidonecarboxylic acid system. J. Biol. Chem., 1937, 119: 309-13. Also repr.

GLUTAMINE.

See also Glutamic acid.

Bergmann, M., & Zervas, L. Ueber Isoglutamin. Zschr. physiol. Chem., 1933, 221: 51-4.—Chibnall, A. C., & Westall, R. G. The estimation of glutamine in the presence of asparagine. Biochem. J., Lond., 1932, 26: 122-32.—Greenhill, A. W., & Chibnall, A. C. The exudation of glutamine from perennial ryegrass. Ibid., 1934, 28: 1422-7.—Krebs, H. A. Metabolism of amino acids; the synthesis of glutamine from glutamic acid

and ammonia, and the enzymic hydrolysis of glutamine in animal tissues. Ibid., 1935, 29: 1951-69.—Oerström, A., Oerström, M. [et al.] The synthesis of glutamine in pigeon liver. Ibid., 1939, 33: 995-9.—Stassi, M. Sull'azione dinamica specifica degli alimenti; comportamento dell'ac. glutaminico somministrato a colombi digiunanti. Boll. Soc. ital. biol. sper., 1933, 8: 1642-4.—Vickery, H. B., & Pucher, G. W. Glutamin in den Blättern von Rhabarber (*Rheum hybridum*, Hort.). Biochem. Zschr., 1937, 293: 427-31. — & Clark, H. E. The preparation of glutamine. J. Biol. Chem., 1935, 109: 39-42. Also repr. Glutamine in the tomato plant. Science, 1934, 80: 459-61.

GLUTARIC acid.

See also Glutamic acid.

Mayer, P. Bildung von α -Oxy-glutarsäure durch das Enzym gekeimter Erbsen und Verwandlung von Methylglyoxal-essigsäure in α -Keto-glutarsäure (zugleich Betrachtungen über die natürliche Entstehung von Aminosäuren) Phila. Zschr., 1931, 233: 361-70.

GLUTATHIONE.

See also Blood chemistry, Glutathione; Catalyzer; Cell, Enzymes; Cystine; Glutamic acid; Glycine; Oxidation; Peptide; Respiration; Thiol.

BARBARO-FORLEO, G. Il glutathione. 449p. 25cm. Pavia, 1936.

MAROTZKE, I. *Das Glutathion. 24p. 8°. Münch., 1933.

Binet, L. Le glutathion. Paris méd., 1927, 63: 452-4. Also Presse méd., 1928, 36: 293. — & Weller, G. La glutathion. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1639.—Flössner, O. Zur Kenntnis des Glutathions. Deut. med. Wschr., 1936, 62: 1215.—Georgievsky, K. N. [Hopkins' glutathione] Klin. med., Moskva, 1933, 2: 1028-30.—Kendall, E. C. Glutathion. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 791-824.—Regnier, M. T. Notions actuelles sur le glutathion. Bull. méd., Par., 1934, 48: 183-6.

Antitoxic properties.

Binet, L., Jaulmes, C., & Weller, G. Le pouvoir antitoxique du glutathion; recherches sur la toxine tétanique. C. rend. Acad. sc., 1937, 204: 1761-3. — Le pouvoir antitoxique du glutathion; recherches sur le venin de cobra. Ibid., 1513.—Binet, L., & Perel, L. Preuve du pouvoir antitoxique du glutathion. C. rend. Soc. biol., 1938, 129: 447.—Harrow, B., Chamein, I. M., & Mazur, A. Possible rôle of glutathione as a detoxifying agent. Proc. Soc. Exp. Biol., N. Y., 1937-38, 37: 271-3.—Henry, M. J. A propos des effets antagonistes du glutathion réduit sur l'action anticoagulante du venin de cobra. Arch. internat. physiol., Liège, 1939, 49: 464-73.—Robillard, E. Le rôle antitoxique du glutathion. Union méd. Canada, 1939, 68: 977-81.—Yamamoto, K. Experimentelle Studien an Kaninchen über die Entgiftungsvorgänge bei Brombenzol, einschliesslich der Beziehung des oxydierten sowie reduzierten Glutathions der Leber zur Synthese der Merkaptothion. Mitt. Med. Akad. Kioto, 1940, 29: 627-31.

Biological role.

Barbaro-Forleo, G. Il glutathione; struttura e significato fisiologico. Arch. stud. fisiopat. ricambio, 1933, 1: 3: 108; 215.—Bierich, R., & Rosenbohm, A. Ueber die Rolle des Glutathions im lebenden Gewebe. Zschr. physiol. Chem., 1935, 231: 39-46.—Fabre, R., & Simonnet, H. Contribution à l'étude physiologique du glutathion par la méthode des perfusions. C. rend. Acad. sc., 1927, 185: 1528-30.—Gabbé, E. Ueber die Bedeutung des Glutathions im Stoffwechsel. Verh. Deut. Ges. inn. Med., 1930, 42. Kongr., 140-2.—Giroud, A. Protoplasma et glutathion. C. rend. Soc. biol., 1928, 98: 376.—Meldrum, N. U. The behaviour of glutathione in yeast. Biochem. J., Lond., 1930, 24: 1421-7.—Randoin, L. Le glutathion: son importance physiologique. Bull. Soc. sc. hyg. aliment., Par., 1927, 15: 245-9.—Waelsch, H. Die biologische Bedeutung des Glutathions. Med. Klin., Berl., 1933, 29: 1166-8.

Catalytic action.

See also subheading Oxidation and reduction.

GLASER, A. *Die Bedeutung des Glutathions für den Stoffwechsel. 16p. 8°. Münch., 1936.

Abderhalden, E., Buadze, S., & Geidel, W. Untersuchungen über den Einfluss des Glutathions auf die Autolyse und ferner den Eiweissstoffwechsel. Fermentforschung, 1931-32, 13: 147-55.—Allott, E. N. The influence of glutathione on the oxidation of fats and fatty acids. Biochem. J., Lond., 1926, 20: 957-64.—Everett, M. R. Total sugar of blood and urine; the reducing action of glutathione. J. Biol. Chem., 1930, 87: 761-5.—Geiger, A. Rôle of glutathione in anaerobic tissue glycolysis. Biochem. J., Lond., 1935, 29: 811-23.—Haag, E., & Bolomey, P. Relations entre le glutathion et l'action inhibitrice de l'acide monoiodacétique dans la fermentation alcoolique.

C. rend. Soc. biol., 1939, 130: 217.—Hopkins, F. G. Glutathione; its influence in the oxidation of fats and proteins. Biochem. J., Lond., 1925, 19: 787-819.—Láng, S. [Glutathione and autolysis] Magy. orv. arch., 1933, 36: 190-4. Also Zschr. physiol. Chem., 1935, 234: 127-30.—Marks, G. W. The effect of glutathione and other substances on the inactivation of catalases. J. Biol. Chem., 1936, 115: 299-314.—Morgulis, S. Glycolysis and glutathione. Ibid., 1938, 123: 1-16. Also repr.—Pringsheim, H., Borchardt, H., & Hupfer, H. Ueber Glutathion als Aktivator der fermentativen Stärkeverzuckerung. Biochem. Zschr., 1931, 238: 476.—Tail, H., & King, E. J. The oxidation of lecithin and other fatty substances in the presence of glutathione. Biochem. J., Lond., 1936, 30: 285-90.—Voegtlin, C., Johnson, J. M., & Rosenthal, S. M. The oxidation catalysis of crystalline glutathione with particular reference to copper. J. Biol. Chem., 1931, 93: 435-53. Also repr.

Chemistry.

Abderhalden, E., & Geidel, W. Untersuchungen über die Struktur des Glutathions und über das Verhalten der freien Verbindung und von Derivaten davon gegenüber Fermenten. Fermentforschung, 1931-32, 13: 97-114. — Studien über die physikalischen und chemischen Eigenschaften von Glutathion (S-S) enthaltenden Polypeptiden und ihr Verhalten gegenüber Erepsin, Trypsin-Kinase und Katherpsin. Ibid., 160-5.—Baker, Z. Glutathione und die Pasteur reaction. Biochem. J., Lond., 1937, 31: 980-6.—Bierich, R., & Rosenbohm, A. Ueber das Glutathion der Gewebe. Zschr. physiol. Chem., 1933, 215: 151-63.—Bigwood, E. J., & Thomas, J. De l'action du glutathion sur le cytochrome C in vitro. C. rend. Soc. biol., 1935, 120: 69-72.—Bumm, E., & Appel, H. Ueber die Wirkung von Glutathion auf die Pasteursche Reaktion. Zschr. physiol. Chem., 1932, 210: 79-81.—Fabre, R. Le glutathion. J. pharm. chim., Par., 1927, 8. ser., 5: 219; 245-53.—Gatsaniuk, M. D. [Biochemistry of sulphhydryl group; formation of glutathione] J. méd., Kiev, 1935, 5: 61-82.—Groud, A., & Bulliard, H. Glutathion et kératine. C. rend. Soc. biol., 1928, 98: 500.—Girsavicius, J. O., & Heyfetz, P. A. Reaktionskinetische Untersuchungen über die Bindung von Glutathion durch Methylglyoxal. Biochem. Zschr., 1935, 276: 190-7.—Hartmann, H. Ueber das Verhalten von Kohlenoxyd zu Metallverbindungen des Glutathions. Ibid., 1930, 223: 489-93.—Hopkins, F. G. On glutathione; a reinvestigation. J. Biol. Chem., 1929, 84: 269-320.—Hunter, G., & Eagles, B. A. Glutathione; a critical study. Ibid., 1927, 72: 147-66.—Kendall, E. C., & McKenzie, B. F. The configuration of glutathione. Proc. Mayo Clin., 1929, 4: 359. — & Mason, H. L. A study of glutathione; the structure of glutathione. J. Biol. Chem., 1930, 87: 55-79. Also repr.—Kozlowski, A. Eine Kupferverbindung des oxydierten Glutathions der Hefe. Biochem. Zschr., 1931, 241: 403-6. — Eine kristallisierte Kupferverbindung des oxydierten Hefeglutathions. Ibid., 142: 249.—Kubowitz, F. Kohlenoxyd-Ferroglyutathion. Ibid., 1935, 282: 277-81.—Lyman, C. M., & Barron, E. S. G. The oxidation of glutathione with copper and hemochromogens as catalysts. J. Biol. Chem., 1937, 121: 275-84.—Mason, H. L. A study of glutathione; the spontaneous cleavage of glutathione in aqueous solution. Ibid., 1931, 15: 25-32. Also repr.—Meldrum, N. U., & Dixon, M. The properties of pure glutathione. Biochem. J., Lond., 1930, 24: 472-96.—Oberst, F. W. The disappearance of glutathione added to various solutions and biological fluids. J. Biol. Chem., 1935, 111: 9-16.—Ogawa, M. Biochemical studies on glutathione. Jap. J. M. Sc., 1936-38, 4: Proc. Biophysics, 77-9.—Paruta, M. Ricerche isochimiche sul glutathione. Arch. biol., Liège, 1932, 43: 305-19, pl.—Pirie, N. W., & Bernal, J. D. Cuprous glutathione; with a note on the crystallography of glutathione. Biochem. J., Lond., 1932, 26: 75-9.—Rosenthal, S. M., & Voegtlin, C. Biological and chemical studies of the relationship between arsenic and crystalline glutathione. J. Pharm. Exp. Ther., 1930, 39: 347-67.—Schroeder, E. F., & Woodward, G. E. The enzymatic hydrolysis of glutathione by rat kidney. J. Biol. Chem., 1937, 120: 209-17. Also repr.—Woodward, G. E. Hydrolysis of glutathione by blood serum. Biochem. J., Lond., 1939, 33: 1171-4.

Determination.

SCHLEISS, E. *Ueber Methoden zur Bestimmung des Glutathions in biologischen Flüssigkeiten. 20p. 8°. Frankf. a. M., 1935.

Berenstein, S., & Birkhäuser, H. Sur le dosage du glutathion réduit. Schweiz. med. Wschr., 1939, 69: 57.—Bergamini Di Capua, C. Il dosaggio rapido del glutathione. Boll. Soc. ital. biol. sper., 1934, 9: 86; 88.—Bierich, R., & Rosenbohm, A. Ueber reduzierende Substanzen der lebenden Gewebe. Zschr. physiol. Chem., 1934, 223: 136-43.—Binet, L., & Weller, G. Le dosage du glutathion réduit dans les tissus. Bull. Soc. chim. biol., 1934, 16: 1284-96. — Une nouvelle méthode de dosage du glutathion. C. rend. Acad. sc., 1934, 198: 1185-7. — Méthode de dosage du glutathion dans les tissus sous sa forme réduite et sous sa forme oxydée. C. rend. Soc. biol., 1935, 119: 939-41. — Glutathion total des tissus; méthode de dosage; répartition chez les animaux normaux. Bull. Soc. chim. biol., Par., 1936, 18: 358-74. — A propos du dosage du glutathion. Ibid., 1939, 21: 1051; 1940,

22: 192.—Blanchetière, A., & Mélon, L. Sur le dosage du glutathion. C. rend. Soc. biol., 1927, 97: 242-4.—Corkill, A. B., & Nelson, J. F. A note on the estimation of reduced glutathione. Austral. J. Exp. Biol., 1938, 16: 133-5.—Crosti, A. Alcune osservazioni sul glutathione nella pelle e sui suoi metodi di ricerca. Gior. ital. derm. sif., 1932, 73: 1526-36.—Delaville, M., & Kowarski, L. Remarques sur le dosage du glutathion. C. rend. Soc. biol., 1931, 106: 1220-2.—Dohan, J. S., & Woodward, G. E. Electrolytic reduction and determination of oxidized glutathione. J. Biol. Chem., 1939, 129: 393-403. Also repr.—Ennor, A. H. The manometric estimation of glutathione in tissue extracts. Austral. J. Exp. Biol., 1939, 17: 157-72.—Fink, D. E. A micro-method for estimating the relative distribution of glutathione in insects. Science, 1927, 65: 143-5.—Fleming, R. Dosage du glutathion par une méthode colorimétrique. C. rend. Soc. biol., 1931, 106: 259.—Fujita, A., & Iwatake, D. Ueber die Bestimmung des reduzierten Glutathions im Gewebe. Biochem. Zschr., 1935, 277: 284-92.—Fujita, A., & Numata, I. Bestimmung des reduzierten Glutathions. Ibid., 1938, 299: 249; 300: 246. — Ueber die jodometrische Bestimmung des Glutathions in Geweben. Ibid., 249: 262. — Ueber die kolorimetrische Bestimmung des Glutathions. Ibid., 300: 246; 257. — Bestimmung des Gesamtglutathions. Ibid., 299: 262; 300: 257.—Gavrilescu, N. The iodine method for the determination of glutathione. Biochem. J., Lond., 1931, 25: 1190-4.—Hess, W. C. Determination of glutathione. Bull. George Washington Univ., 1931, 74-7.—Hirano, Y. A test on employing Tunncliffe's method in estimating glutathione. Orient. J. Dis. Inf., Kyoto, 1935, 17: 3.—Joyet-Lavergne, P. La recherche qualitative du glutathion. Bull. histol. appl., Par., 1928, 5: 331-49. — Sur quelques procédés de recherche microscopique du glutathion dans les cellules. C. rend. Soc. biol., 1928, 98: 566-8.—King, E. J., & Lucas, C. C. Eine Bemerkung zur jodometrischen Titration des Glutathions. Biochem. Zschr., 1931, 235: 66-9.—Kühnau, J. Mikrobestimmung des reduzierten und des Gesamtglutathions der Leber. Ibid., 230: 353-72.—Mason, H. L. A study of glutathione; the determination of reduced glutathione in tissues. J. Biol. Chem., 1930, 86: 623-34. Also repr.—Numata, I. Ueber die Bestimmung des Glutathions im Gewebe. J. Biochem., Tokyo, 1940, 31: 35-41.—Perlzwieg, W. A., & Delrue, G. The use of the starch-iodine end-point in Tunncliffe's method for the determination of glutathione in tissues. Biochem. J., Lond., 1927, 21: 1416-8.—Pirie, N. W., & Pinhey, K. G. The titration curve of glutathione. J. Biol. Chem., 1929, 84: 321-33. Also repr.—Quensel, W., & Wachholder, K. Untersuchungen zur Bestimmung des Gehaltes der Gewebe an oxydiertem und reduziertem Glutathion. Zschr. physiol. Chem., 1935, 231: 65-74.—Royston Maloeuf, N. S. The nitroprusside reaction as a test for reduced glutathione. Nature, Lond., 1936, 138: 75.—Schroeder, E. F., & Woodward, G. E. A titrimetric modification of the glyoxalase method for the estimation of reduced glutathione. J. Biol. Chem., 1939, 129: 283-94.—Shinohara, K., & Padis, K. E. The determination of thiol and disulfide compounds, with special reference to cysteine and cystine; the reactions of ascorbic acid and glutathione with phospho-18-tungstic acid reagent. Ibid., 1935-36, 112: 697-708.—Takefuzi So. A quantitative colorimetric method for determination of reduced glutathion. Kitasato Arch., 1935, 12: 243-64.—Tokuo, K. The quantitative estimation of the glutathione in normal and pathological tissues. Nagoya J. M. Sc., 1928, 3: 25-44.—Uhlenbroock, K. Vergleichende Untersuchungen über colorimetrische und jodometrische Glutathionbestimmung. Zschr. physiol. Chem., 1935, 236: 192-6. — Wachholder, K., & Anders, K. Weitere Untersuchungen zur Bestimmung des Gehaltes tierischer Gewebe an Glutathion und an Ascorbinsäure. Ibid., 233: 181-5.—Woodward, G. E. Glyoxalase as a reagent for the quantitative microestimation of glutathione. J. Biol. Chem., 1935, 109: 1-10. Also repr.—Yamamoto, K. Ein neues Verfahren zur Gehaltsbestimmung des oxydierten und reduzierten Glutathions der Gewebe mittels der jodmetrischen Methode. Mitt. Med. Akad. Kioto, 1940, 29: 620-2.—Zimmet, D. Recherche du glutathion réduit et d'autres corps à fonction sulphydrique, en présence d'acétone. C. rend. Soc. biol., 1933, 113: 984-6.

Distribution.

See also names of organs and tissues.

Blanchetière, A., & Binet, L. Sur la teneur en glutathion de divers organes du chien. C. rend. Soc. biol., 1926, 94: 494-6. — Teneur en glutathion réduit de quelques glandes du chien. Ibid., 95: 621.—Blanchetière, A., & Melon, L. Sur la diffusion du glutathion dans le règne animal. Ibid., 1927, 97: 1231.—Carteni, A. Sulla presenza del glutathione nell'umore acqueo di occhi normali. Boll. Soc. ital. biol. sper., 1937, 12: 689.—Chang, H. C., & Ling, S. M. On the question of the existence of glutathione in the skin, with some criticism on the modified method of Perlzwieg and Delrue. Chin. J. Physiol., 1930, 4: 131-40.—Gebbe, E. Ueber den Glutathiongehalt der Organe, insbesondere der Muskeln. Klin. Wschr., 1930, 9: 169.—Itô, C., Itô, H., & Kon, Y. Ueber die Verteilung und die Schwankung des Glutathions im Verdauungstractus und in den endokrinen Organen. Tr. Jap. Path. Soc., 1932, 22: 454-7.—Joyet-Lavergne, P. Sur les rapports entre le glutathion et le chondriome. C. rend. Acad.

sc., 1927, 184: 1587-9. — La teneur en glutathion réduit est un caractère de sexualisation du cytoplasme. *Ibid.*, 1088-90. — Sur les rapports entre le nucléole, le chondriome et le glutathion. *C. rend. Soc. biol.*, 1928, 98: 567-9. Also *Protoplasma*, 1929, 6: 81-112. — Le glutathion du chondriome et du nucléole peut être mis en évidence par une nouvelle technique cytologique; la méthode des sels de cadmium. *C. rend. Soc. biol.*, 1938, 128: 59-61. — Judica, G. Il glutathione ridotto; suo tasso nel midollo osseo delle cavie normali. *Gazz. internaz. med. chir.*, 1933, 41: 105-7. — Il glutathione ridotto nei tessuti dopo la morte. *Med. ital.*, 1934, 15: 105-8. — Lemeland, H. J., & Deléang, R. Teneur en glutathion réduit des principaux organes du foetus humain. *C. rend. Soc. biol.*, 1934, 115: 1630-3. — Leo Lira, J. di. Sur le contenu en glutathion du placenta humain et des muscles gastrocnémiens énervés de crapaud. *Ibid.*, 1929, 102: 469. — Martini, V. Glutathione surrenali. *Arch. fisiol. Fir.*, 1933-34, 33: 175-218. — Matsumori, T., & Okuda, M. Ueber den Glutathiongehalt des Muskels, beziehungsweise der anderen Organe und Gewebe, besonders beim Kaninchen. *J. Biochem.*, Tokyo, 1929-30, 11: 407-14. — Michail, D., & Vancea, P. Sur la teneur en glutathion réduit des tissus oculaires normaux. *C. rend. Soc. biol.*, 1928, 99: 891. — Miyachi, S. Ueber den Glutathiongehalt des Lachses. *Jap. J. M. Sc.*, 1935-37, 3: Biochem., 267. — Monier, A. Sur la répartition du glutathion dans les organes de quelques invertébrés marins. *C. rend. Soc. biol.*, 1935, 120: 456-8. — Munilla, A. Sur la glutathion réduit du cœur. *Ibid.*, 1934, 116: 1203-5. — Negri, C. Sul contenuto in glutathione ridotto dello stomaco nell'uomo e negli animali. *Gior. clin. med.*, 1934, 15: 718-35. — Nicoli, P. A. Glutathione in frog tissues with special reference to peripheral nerve. *Am. J. Physiol.*, 1937, 119: 593-9. — Santavy, F. Le taux du glutathion dans les différentes parties du cœur. *C. rend. Soc. biol.*, 1938, 129: 108. — Thompson, J. W., & Voegtlin, C. Glutathione content of normal animals. *J. Biol. Chem.*, 1926, 70: 793-800. Also repr. — Visco, S., & Castagna, S. Variazioni quantitative del glutathione negli organi isolati. *Boll. Soc. ital. biol. sper.*, 1928, 3: 282. — Wolff, R., & Manjean, S. Sur la teneur en glutathion réduit des tissus du cobaye. *C. rend. Soc. biol.*, 1932, 111: 624.

— Endocrine relations.

Binet, L., & Gley, P. Teneur en glutathion réduit des tissus du pigeon; action des glandes génitales. *C. rend. Soc. biol.*, 1933, 112: 1634. — Binet, L., Cauchoix, J., & Liveratos, S. S. Hormones sexuelles et glutathion tissulaire; folliculine et glutathion utérin. *Ibid.*, 1938, 129: 532. — Binet, L., Képinov, L., & Weller, G. Le glutathion dans les tissus du chien hypophysoprivé; nouvelles preuves en faveur d'une association hypophysothyroïdienne et hypophyso-testiculaire. *Ibid.*, 1935, 120: 589. — Caccialanza, P. Sulle variazioni della glutathionemia in diverse condizioni sperimentali: la glutathionemia negli animali operati di tiroparatiroidectomia e trattati con glutathione. *Boll. Soc. ital. biol. sper.*, 1938, 13: 1107-9. — Cruz, A. da. Sur la teneur en glutathion des testicules de cobayes thyroïdectomisés. *C. rend. Soc. biol.*, 1928, 98: 1588-90. — Ennor, A. H. The influence of anterior pituitary extracts on the content and rate of oxidation of glutathione in tissues. *Austral. J. Exp. Biol.*, 1939, 17: 173-81. — Goss, H., & Gregory, P. W. Glutathione concentration of livers and muscles of rats following injection of hypophyseal growth hormone. *Proc. Soc. Exp. Biol. N. Y.*, 1934-35, 32: 681-3. — Houssay, B. A., & Mazzeo, P. Le glutathion et les propriétés réduites des tissus des rats décapulés. *C. rend. Soc. biol.*, 1927, 97: 417-9. — Leoni, P. L'influenza degli estratti tiroidei sul comportamento del glutathione epatico. *Arch. ital. se. farm.*, 1934, 3: 200-11. — Ohashi, K. Ueber den Einfluss der Gallensäure und des Milzextraktes auf den Glutathionsgehalt der Leber und des Blutes von splenektomierten Kaninchen. *Okayama igakkai zasshi*, 1937, 49: 1388. — Santavy, F. Le glutathion dans les tissus après l'extirpation de la rate chez les chiens et les lapins. *C. rend. Soc. biol.*, 1939, 132: 285. — Viale, G. Il glutathione e le ghiandole endocrine. *Rev. sudamer. endocr.*, B. Arg., 1933, 16: 820-32. — Yaguchi, T. On the effect of X-ray radiation in the organ tissues of well-grown female rabbits. *Sei i kwai*, 1940, 59: No. 6, 2-4.

— Growth-promoting effect.

Firket, J., & Comhaire. Recherches expérimentales sur la teneur en glutathion des pois au début de la germination. *Bull. Acad. méd. Belgique*, 1929, 5. ser., 9: 93-122. — Gatsaniuk, M. D. [Biochemistry of sulfhydryl group; certain changes in contents of glutathione during the growth in white rats]. *J. med.*, Kiev, 1935, 5: 273: 501. — Gregory, P. W., & Goss, H. Glutathione concentration and hereditary body size; glutathione concentration in non-nursed young of six populations of rabbits differing in genetic constitution for adult size. *J. Exp. Zool.*, 1933, 66: 155-73. — Glutathione concentration and hereditary size; the effect of nursing upon the concentration. *Ibid.*, 1935, 71: 311-6. — Hammett, F. S. A possible explanation of the function of glutathione in developmental growth. *Science*, 1934, 79: 457. — Hoffman, O., & Gudernatsch, F. On the physiological value of the amino acids of glutathione and of some proteins in amphibian development. *Am. J. Physiol.*, 1935, 113: 67. — Kamiya, T. Relationship between the development and the glutathione content

in the chick embryos. *Nagoya J. M. Sc.*, 1930, 5: 1-5. — Kaplan, J. D., & Schlafner, N. M. [Contents of glutathione in the blood and organs of animals (rabbits) during the period of growth]. *Soviet. pediat.*, 1936, No. 5, 23-9. — Tokuo, K. Relation between the glutathione content and the growth of animals. *Nagoya J. M. Sc.*, 1928, 3: 74-84. — Verne, J., & Verne-Soubiran, A. La part du glutathion dans l'action du jus embryonnaire sur la croissance des cultures de fibroblastes in vitro. *C. rend. Soc. biol.*, 1938, 127: 1090-2. — Vivario, R., & Lecloux, J. Sur la formation de glutathion au cours de la croissance. *Arch. internat. physiol.*, Liège, 1930, 32: 1-14.

— Isolation, and synthesis.

Du Vigneaud, V., & Miller, G. L. A synthesis of glutathione. *J. Biol. Chem.*, 1936, 116: 469-76. — & Loring, H. S. The synthesis of α -glutamylcysteinylglycine (isoglutathione). *Ibid.*, 1937, 118: 391-5. — Girschavichus, I. V. [Synthetic glutathione]. *Usp. sovrem. biol.*, 1936, 5: 343-7. — Harington, C. R., & Mead, T. H. Synthesis of glutathione. *Biochem. J.*, Lond., 1935, 29: 1692-11. — Hopkins, F. G. On the isolation of glutathione. *J. Biol. Chem.*, 1927, 72: 185-7. — Johnson, J. M., & Voegtlin, C. On the preparation and properties of pure glutathione (glutamyl-cysteine). *Ibid.*, 75: 703-13. — Kendall, E. C., Mackenzie, B. F., & Mason, H. L. A study of glutathione; its preparation in crystalline form and its identification. *Proc. Mayo Clin.*, 1929, 4: 264-6. Also *J. Biol. Chem.*, 1929, 84: 657-74. — Mason, H. L. A study of glutathione; the preparation of oxidized glutathione. *Ibid.*, 1931, 90: 409-16. Also repr. — Pirie, N. W. The preparation of the glutathione from yeast and liver. *Biochem. J.*, Lond., 1930, 24: 51-4. — Régnier, M. T. Extraction du glutathion de la levure de bière. *C. rend. Soc. biol.*, 1933, 112: 526-8. Also *J. pharm. chim.*, Par., 1933, 8. ser., 18: 369-76. — Schroeder, E. F., Collier, V. jr., & Woodward, G. E. A simplified method for the isolation of glutathione from yeast. *Biochem. J.*, Lond., 1939, 33: 1180.

— Oxidation, and reduction.

MÜLLER, G. *Untersuchungen über die Bedeutung der Sulfhydrylkörper insbesondere des Glutathions für die Gewebstatmung. 19p. 21cm. Rostock, 1936.

Boucher-Firly, S. Le glutathion chez l'anguille et le congre; les rapports avec les phénomènes respiratoires. *C. rend. Soc. biol.*, 1933, 112: 1291-3. — Damas, L. Le glutathion. *Bull. se. pharm.*, Par., 1930, 37: 501-7. — Dixon, M., & Tunncliffe, H. E. On the reducing power of glutathione and cysteine. *Biochem. J.*, Lond., 1927, 21: 844-51. — Gabbe, E. Ueber die Bedeutung von Sulfhydrylverbindungen für die Oxydationen. *Verh. Deut. Ges. inn. Med.*, 1929, 41. Kongr., 503-6. — Ueber die Bedeutung der Oxydation des Glutathions im Lungenkreislauf. *Verh. Deut. Ges. Kreislaufforsch.*, 1930, 3: 106-9 [Discussion] 118-26. — Also *Zschr. Kreislaufforsch.*, 1930, 22: 607-10. — Ghosh, J. C., & Ganguli, S. C. Das Redoxpotential des Glutathions. *Biochem. Zschr.*, 1935, 279: 296-9. — Hopkins, F. G., & Elliott, K. A. C. The relation of glutathione to cell respiration with special reference to hepatic tissue. *Proc. R. Soc.*, Lond., 1931, ser. B, 109: 58-88. — Joyet-Lavergne, P. Sur les rapports entre le potentiel d'oxydo-réduction intra-cellulaire. *C. rend. Soc. biol.*, 1927, 96: 140-2. — Kendall, E. C., & Nord, F. F. Reversible oxidation-reduction systems of cysteine-cystine and reduced and oxidized glutathione. *J. Biol. Chem.*, 1926, 69: 295-337. — Ko, S. Studien über reduziertes Glutathion. *Jap. J. M. Sc.*, 1939-40, 12: *Proc. Pharm.*, 105. — Kolm, R. A propos de la disparition du glutathion réduit en présence de sérum. *Arch. internat. méd. exp.*, Liège, 1939, 14: 103-9. — Libbrecht, W., & Massari, L. Le rapport glutathion-oxydé/glutathion-réduit lors de l'oxydase aiguë. *C. rend. Soc. biol.*, 1935, 120: 1330. — Mann, P. J. G. The reduction of glutathione by a liver system. *Biochem. J.*, Lond., 1932, 26: 785-9. — Meldrum, N. U., & Tarr, H. L. A. The reduction of glutathione by the Warburg-Christian system. *Ibid.*, 1935, 29: 108-15. — Morel, A., & Delore, P. Autoxydation du glutathion réduit dans les organes cadavériques et son inhibition par frigorification. *C. rend. Soc. biol.*, 1927, 96: 975. — Schöberl, A. Ueber die Teilnahme von Glutathion bei Oxydationsvorgängen. *Verh. Phys. med. Ges. Würzburg*, 1931, n. F., 56: 57-66. — Voegtlin, C., & Johnson, J. M. The catalytic action of copper in the oxidation of crystalline glutathione. *Pub. Health Rep.*, Wash., 1931, 46: 2234-53.

— Pharmacology.

Brown, C. W., & Henry, F. M. A method for destroying internal cell masses. *Science*, 1934, 79: 457. — Galli, G., & Mingazzini, I. Narcosi e glutathione. *Gior. ital. anest.*, 1935, 1: 375-83. — Handovsky, H. Zum Mechanismus der Blausäurewirkung, zugleich ein Beitrag zur Frage der funktionellen Bedeutung des Glutathions. *Arch. exp. Path.*, Lpz., 1928, 135: 143-54. — Levaditi, C., Anderson, T. E., & Manin, Y. Le rôle du glutathion dans la production des trypanotoxyl et du bis-moxyl. *Bull. Soc. path. exot.*, Par., 1928, 21: 676-87. — Strangeways, W. I. Observations on the trypanocidal action in vitro of solutions of glutathione and ascorbic acid. *Ann. Trop. M. Parasit.*, Liverp., 1937, 31: 405-16.

— Variation.

Baumann, C. T., & Deschwanden, J. von. Ueber Glutathion, und bestrahlte Bierhefe. Mitt. Lebensmitteluntersuch., Bern, 1933, 24: 281-302.—**Binet, L., & Arnaudet, A.** Variations quantitatives du glutathion réduit dans la foie, suivant diverses conditions expérimentales. C. rend. Soc. biol., 1931, 108: 1117.—**Binet, L., & Weller, G.** Action de la température sur le taux du glutathion chez les animaux à sang froid. Ibid., 1935, 120: 289.—**Bisceglie, V.** Il glutathione; sua importanza nelle ossidazioni intraorganiche e suo comportamento in condizioni normali epatologiche. Biochim. ter. sper., 1929, 16: 134-46.—**Blanchetière, A., & Binet, L.** Influence du régime sur la teneur en glutathion réduit des tissus du chien. C. rend. Soc. biol., 1926, 95: 558.—**Colucci, G.** Il glutathione dell'encefalo nel sonno sperimentale. Riv. neur., 1933, 6: 716-24.—**Deschwanden, J. von.** Glutathion und bestrahlte Bierhefe. Umschau, 1934, 38: 893.—**Dyer, H. M., & du Vigneaud, V.** The utilization of glutathione in connection with a cystine-deficient diet. J. Biol. Chem., 1936, 115: 543-9.—**Ferrari, R.** Il glutathione in diverse condizioni sperimentali. Arch. fisiol., Fir., 1935-36, 34: 364-73.—**Gajatto, S.** Variazioni stagionali del tasso di glutathione ridotto, ematico e tissutale, nei conigli. Arch. farm. sper., 1939, 67: 232-42.—**Gatsaniuk, M. D.** [Biochemistry of sulphhydryl group; effect of temperature on the contents of glutathione in the organs and body of tadpoles] J. méd., Kiev, 1935, 5: 83-101.—**Hirano, Y.** Influence of food on the glutathione content of animal tissues. Orient. J. Dis. Inf., Kyoto, 1934, 16: 21.—**Hongo, S.** On the fate of reduced glutathione content in organ tissues of rabbits of which temperature is raised by puncture of the corpus striatum and by peptone injection. Sei i kwai, 1931, 50: H. 8, 1-3.—**Itskison, I. A.** [Contents of glutathione in the regenerating tissue of mammals] Vrach. delo, 1935, 18: 1023-8.—**Judica, G.** Comportamento del glutathione ridotto negli organi ematopoietici nelle cavie in seguito a somministrazione di proteine. Med. ital., 1933, 14: 34-7.—**Kinsey, V. E.** The effect of X-rays of glutathione. J. Biol. Chem., 1933, 110: 551-8. Also repr.—**Lerner, I. M., Gregory, P. W., & Goss, H.** Heterogeneity of the glutathione content of new-born rabbits. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 283-5.—**McNamara, H., & Senn, M. J. E.** Glutathione and red cells in the blood in infancy and in childhood. Am. J. Dis. Child., 1940, 59: 97-106.—**Mariani, C.** Ricerche sul comportamento del glutathione nel sonno sperimentale. Boll. Soc. ital. biol. sper., 1929, 4: 865-7.—**Nord, F. F.** Einfluss der Wärme und Wasserstoffionenkonzentration auf schwefelhaltige, biologische Transportsysteme. Naturwissenschaften, 1927, 15: 356.—**Ogawa, M.** Biochemical studies on glutathion; relationship between the administration of diet and the glutathion content of arterial and venous bloods. Sei i kwai, 1940, 59: No. 5, 15.—**Pinelli, L., & Guglielmi, G.** Il glutathione nella vecchiaia. Arch. pat., Bologna, 1934-35, 14: 115-24.—**Rossignoli, D. L.** Variaciones del glutathion en la altura. Rev. san. mil., B. Air., 1934, 33: 183-8.—**Santavy, F.** Les variations du taux de glutathion chez les animaux nouveaux-nés. J. physiol. path. gén., 1938, 36: 1089-96.—**Takahashi, S.** Ueber den Einfluss verschiedener Strahlenqualitäten auf den Glutathiongehalt der Organe bestrahlter Tiere. Biochem. Zschr., 1933, 265: 64-8.—**Turpin, R., Serane, J., & Valletta, J.** Etude des variations du glutathion hépatique du rat albinos en fonction de la croissance. C. rend. Soc. biol., 1938, 129: 206-8.—**Walsch, H., & Rittenberg, D.** The metabolism of glutathione studied with N¹⁵. J. Biol. Chem., 1940, 133: Proc., 105.—**Woodward, G. E.** The effect of ultra-violet, radium and X-ray radiation on glutathione in pure solution. Biochem. J., Lond., 1933, 27: 1411-4.—**Yamamoto, K.** Ueber den durch Alter, Geschlecht und Jahreszeit bedingten Unterschied des Gehaltes der Leber und der Lunge an oxydiertem sowie reduziertem Glutathion beim Kaninchen. Mitt. Med. Akad. Kioto, 1940, 29: 879.—**Yokota, S.** Ueber Veränderungen des Stoffwechsels unter Bestrahlung; der Glutathiongehalt der Organe. Biochem. Zschr., 1931, 239: 303-9.

— Variation: Disease.

See also under names of diseases.

BARRET, S. E. *Glutathionémie et troubles respiratoires. 44p. 8° Par., 1936.

NEMATOLLAHI, E. *Les variations du glutathion au cours de divers états physio-pathologiques. 55p. 8° Par., 1936.

Baumann, C. T., & Deschwanden, J. von. Zum Morbiditätsproblem in unserer Armee; über Glutathion und bestrahlte Bierhefe; Experimentalarbeitsaus der Kaserne Thun. Schweiz. med. Wschr., 1934, 64: 702-7.—**Binet, L., & Bochet, M.** Anoxie, hyperoxie et glutathion tissulaire. C. rend. Soc. biol., 1937, 126: 674-6.—**Binet, L., & Goudard, H.** Les altérations du foie et le taux du glutathion hépatique. Rev. méd. chir. mal. foie, 1937, 12: 377-89.—**Binet, L., & Weller, G.** L'influence de l' inanition sur le taux du glutathion dans les tissus; le rôle du foie dans le métabolisme du glutathion. C. rend. Soc. biol., 1935, 119: 941-3.—**Goudard, H.** Le taux du glutathion dans le foie altéré. Ibid., 1937, 124: 1141-3.—**Blanchetière, A., & Binet, L.** Sur les variations de la teneur en glutathion réduit des tissus du chien dans l'asphyxie et certaines intoxications. Ibid., 1926, 94: 1227-9.—**Borsalino, G.** Glutathione, tubercolosi polmonare e pneumotorace artificiale. Gior. clin. med., 1931, 12: 1057-75.—**Bronstein, Z. M.** [Fluctuations of glutathione in disturbances of pulmonary ventilation]

Vrach. delo, 1936, 19: 1101-6.—**Caccialanza, P.** Sul comportamento del glutathione dei tessuti in diverse condizioni sperimentali; il glutathione del fegato e delle ghiandole surrenali nei cani normali, stiroidati, paratiropri e paratiropri trattati con paratormone. Boll. Soc. ital. biol. sper., 1939, 14: 307-9.—**Castellino, P. G.** Contributo allo studio del glutathione nelle dermatosi e nella pelle degli animali. Dermosifilograf., 1930, 5: 501-11.—**Castex, M. R., & Schteingart, M.** El glutathion e hierro sanguíneo; sus relaciones en los estados patológicos acompañados o no de anemia. Prensa méd. argent., 1936, 23: 1139-42.—**Ceresa, F.** La glutathionemia venosa ed arteriosa nello scompenso circolatorio in rapporto al trattamento. Gior. Accad. med. Torino, 1939, 102: pt 2, 261-9.—**Delore, P.** Sur la teneur en glutathion réduit de divers organes du cobaye tuberculeux. C. rend. Soc. biol., 1927, 96: 974.—**Dogliotti, G. C., & Meloni, O.** Glutathione e diabete. Boll. Soc. ital. biol. sper., 1935, 10: 523-5.—**Fortunato, A.** Glutathion e tubercolosi. Gior. fisiol., 1931, 68: 91.—**Gabbe, E.** Ueber die Rolle des Glutathions der Zellen bei Sauerstoffmangel. Luftfahrtmedizin, 1937-38, 2: 188-91.—**Jura, V.** Il glutathione nei tumori umani. Policlinico, 1930, 37: sez. chir., 371-81.—**Kamiya, T.** The quantitative estimation of the glutathione in normal and pathological tissues; glutathione content in various organs of pigeons fed on polished [rice] and subjected to starvation, and also starved rabbits. Nagoya J. M. Sc., 1930, 5: 6-17.—**Relationship between glutathione content and neurotomy in muscles of pigeons fed on polished and unpolished rice.** Ibid., 18-23.—**Kodicek, E., & Joachim, J.** Ueber den Einfluss des Glutathions auf den Ascorbinsäuregehalt bei der C-Avitaminose. Klin. Wschr., 1938, 17: 378-80.—**Kryzhanovskaja, L.** Teneur des organes en glutathione dans le cancer expérimental du lapin (épipithéliome de Brown-Pearce) Bull. biol. méd. exp. URSS, 1939, 7: 91-3.—**Lauro, A.** Le variazioni del glutathione ematico nella derivazione totale della bile all'esterno. Riv. pat. sper., 1937, 19: 389-401.—**Lecloux, J., Vivario, R., & Firket, J.** Teneur en glutathion du sarcome et des tissus normaux. C. rend. Soc. biol., 1927, 97: 1823-5.—**Majella Bijos, G.** Glutathione e acido ascorbico no sangue e na urina de individuos clinicamente sadios e portadores de estados fisiopatológicos; métodos analíticos comparados. Rev. med. mil., Rio, 1939, 28: 146-61.—**Nabeshima, K.** Das Verhalten des Glutathiongehaltes bei Uranvergiftung und Asphyxie. Okayama igakkai zasshi, 1937, 49: 554.—**Ueber den reduzierten Glutathion bei stauungsikterischen und phosphorvergifteten Kaninchen sowie bei einigen kranken Menschen.** Ibid., 1938, 50: 1.—**Nitzescu, I. I., & Suciu-Stan, M.** Glutathion du sang et des tissus chez les animaux entraînés. C. rend. Soc. biol., 1940, 133: 518-20.—**Okuda, M.** Ueber den Gehalt an Glutathion in den denervierten Skelettmuskeln. J. Biochem., Tokyo, 1929, 11: 183-90.—**Pospelov, S. A., & Khadji-Murat, U.** [Glutathione and its rôle in cellular processes; glutathione in rheumatism] Ter. arkh., 1934, 12: 237-41.—**Racugno, A.** Glutathionemia nelle malattie acute e croniche della nutrizione del lattante. Lattante, 1939, 10: 17-25.—**Santavy, F.** Glutathion tissulaire des cobayes dans l'atmosphère sous-oxygénée. C. rend. Soc. biol., 1938, 129: 112-4.—**Sato, R.** On the content of reduced glutathione in organ tissues of rabbits of which liver function is experimentally disturbed. Sei i kwai, 1930, 49: No. 10, 18.—**Scheda, A.** [The glutathion content of the muscles after the cutting of the motor nerves] Magy. orv. arch., 1935, 36: 327-30.—**Spasokukotsky, U. A.** [Quantitative fluctuations of glutathion in cancer] J. méd., Kiev, 1937, 7: 147-56.—**Uyei, N.** The glutathione content of animal tissues with reference to tuberculosis. J. Infect. Dis., 1926, 39: 73-80. Also repr.—**Videla, C. A., & Carnevale, P. N.** Glutathionemia in the febre tifoidea y en el paludismo. Rev. med., B. Air., 1940, 2: 590-4.—**Vogtlin, C., & Thompson, J. W.** Glutathione content of tumor animals. J. Biol. Chem., 1926, 70: 801-6.—**Yaoi, H.** Glutathione and reducing power of muscle in vitamin B deficiency. Jap. M. World, 1928, 8: 85.

— Variation: Drug.

Brown, H., & Kolmer, J. A. The relation of arsenicals to the glutathione content of animal tissues. J. Pharm. Exp. Ther., 1929, 35: 417-24.—**Fujii, K.** Einfluss des Acetonitrils auf den Glutathiongehalt der verschiedenen Organe. Mitt. Med. Akad. Kioto, 1934, 11: 1176-90.—**Iwase, M.** Ueber den Einfluss einiger Pharmaka auf den Glutathiongehalt der durchbluteten Leber. Ibid., 292-7.—**Gajatto, S.** Variazioni nel contenuto in glutathione ridotto del sangue e dei tessuti per somministrazione per via sottocutanea di solfo precipitato sciolto in olio d'olive. Boll. Soc. ital. biol. sper., 1938, 13: 462.—**Gualazzini, C.** Azione esercitata dal ditonato di sodio, somministrato alla cavia in dosi ipoglicemicizzanti, sul contenuto di glutathione in alcuni organi e nell'urina. Gior. clin. med., 1936, 17: 801-17.—**Liaci, L.** Il glutathione dei tessuti in seguito a somministrazione di alcuni medicinali. Rass. ter. pat. clin., 1933, 5: 266-74.—**Moraes, A., & Casier, H.** Hyperthermie par le dinitro-a-naphtol sodique et teneur en glutathion réduit du muscle, du foie et du sang chez le pigeon. C. rend. Soc. biol., 1932, 110: 577-80.—**Paradiso, G.** Il glutathione dei tessuti in seguito a somministrazione di tiargiolo. Arch. farm. sper., 1933, 56: 487-501.—**Takahisa, T.** Einfluss des Brombenzols auf den Glutathiongehalt der Organe beim Kaninchen. Mitt. Med. Akad. Kyoto, 1936, 17: 922-47.—**Testoni, P.** Influenza dell'acetato talloso sul contenuto e sulla distribuzione del glutathione negli organi. Bull. Accad. med. Roma, 1933, 59: 223-5.—**Wolff, R., & Manjean, S.** Action des sels de magnésium sur la teneur en glutathion réduit des organes du chien. C. rend. Soc. biol., 1932, 111: 779-81.

— Variation: Pregnancy.

LEBOURGEOIS, J. *Glutathion, grossesse et accouchement. 47p. 8° Par., 1936.

Miyachi, S. Ueber den Glutathiongehalt der Gewebe bei trächtigen Ratten. Jap. J. M. Sc., 1935-37, 3: Biochem., 263-5.—Nürnberg. Glutathion-Studien. Arch. Gyn., Berl., 1930-31, 144: 519-21 [Discussion] 537-40.—Oberst, F. W., & Woods, E. B. Studies in glutathione. Am. J. Obst., 1935, 30: 232-6.—Raices, A. E. El glutatión en el embarazo. Bol. Soc. obst. gin., B. Aires, 1933, 12: 628-38.—Sala, S. L. Glutathion y gestación. Rev. sudamer. endocr., B. Air., 1934, 17: 634-50.—Schüler, W. Das Verhalten der Glutathionswerte in der Schwangerschaft. Zschr. Geburtsh. Gyn., 1932, 103: 240-3.

— Vitamin relations.

Castex, M. R., & Schteingart, M. La relación entre el glutathion y el ácido ascórbico en la sangre. Rev. As. méd. argent., 1937, 51: 579-81.—De Caro, L., & Rovida, E. Relazioni tra glutathione e vitamina C nei tessuti; il glutathione ridotto nei tessuti della cavia in avitaminosi C. Boll. Soc. ital. biol. sper., 1937, 12: 609-11. —Azione dell'allossano e dell'acido moniodoacetico sul contenuto in glutathione e vitamina C degli organi di cavie e di ratti. Ibid., 611-4. —Azione dell'estratto di corteccia surrenale sul contenuto in glutathione e vitamina C di animali normali e trattati con acido moniodoacetico. Ibid., 614. —Azione della cisteina e del glutathione sul contenuto in glutathione e vitamina C negli organi di cavie di ratti. Ibid., 616.—Gedda, L., Maltarello, A., & Pignatelli, A. Contributo alla conoscenza dei rapporti fra acido ascorbico e glutathione. Boll. Accad. med. Roma, 1939, 65: 164-8.—Hopkins, F. G., & Morgan, E. J. Some relations between ascorbic acid and glutathione. Biochem. J., Lond., 1936, 30: 1446-62.

GLUTEAL artery.

See also Buttock; Gluteal region; Hip joint; Pelvis; Injury.

Baur, F. L. Hémorragie grave de l'artère fessière consécutive à un abcès quinique incisé; anémie; transfusion sanguine; guérison. Bull. Soc. méd. mil. fr., 1921, 15: 266-8.—Erkes, F. Zur Bekämpfung der Nachblutung aus der Arteria glutea superior bei den Schussverletzung des Beckens. Münch. med. Wschr., 1916, 63: 1209.—Huard, P., & Montagne, M. La ligature de l'artère fessière sur le cadavre et sur le vivant. J. chir., Par., 1931, 37: 27-62. —& Pales, L. L'artère fessière (indications anatomo-chirurgicales). Ann. anat. path., Par., 1930, 7: 918-42.—Koch, E. K., & Sosnovsky, A. G. [Ligature of the hypogastric artery in injuries of the upper gluteal artery]. Sovet. khir., 1933, 4: 108-13.—Körte, W. Kriegsverletzungen der Arteria glutea. Arch. klin. Chir., 1919, 112: 607-21.—Lagrot, F., & Favre, R. Procédé simplifié de ligature de l'artère fessière. J. chir., Par., 1935, 46: 916-21.—Loreti, M. Legatura preventiva dell'arteria ipogastrica o aggressione diretta dell'arteria glutea superiore lesa? Clinica, Bologna, 1936, 2: 691-6.

— Aneurysm.

BANETH, B. *Ueber das Aneurysma der Arteria glutea superior infolge von Schussverletzungen nach den Erfahrungen des Weltkrieges. 49p. 8° Berl., 1919.

Also Berl. Wschr., 1919, 56: 441-6.

CARRET, C. *Un cas d'anévrisme artérioveineux de l'artère-veine ischiatique. 39p. 8° Lyon, 1916.

CUNHA, X. DA. *Algumas palavras sobre aneurismas da arteria glutea. 77p. 12° Lisb., 1873.

LABOUGLE, G. J. P. *Anévrysmes de l'artère ischiatique. 40p. 8° Par., 1936.

MANTÉGUÈS, J. *A propos d'un cas d'hématome anévrysmal traumatique de la fesse. 53p. 8° Montpell., 1917.

Adams, A. W. A note on gluteal aneurysm and rupture treated by Antyllus's operation. Lancet, Lond., 1923, 1: 697.—Amaral, J. do. Volumineux anévrysme de l'artère ischiatique; anévrysmographie par l'iode d'urée. Rev. sudamer. méd., Par., 1931, 2: 155-62.—Benjamin, J. E., & Lachman, G. S. A case of mycotic aneurysm of the gluteal artery. Med. Bull. Univ. Cincinnati, 1923, 2: 110-2. Also J. Am. M. Ass., 1924, 82: 1861.—Buxton, K. L. Gluteal aneurysm. Lancet, Lond., 1937, 2: 104.—Casciaro, G. Aneurismi falsi traumatici della glutea superiore e della poplitea. Riv. chir., Nap., 1938, 4: 178-86.—Charbonnel. Anévrysme de l'artère ischiatique; ligature de l'ipogastrique et extirpation; guérison. Bull. Soc. nat. chir., Par., 1925, 51: 1063-7.—Charters, A. D. A case of gluteal aneurysm. Lancet, Lond., 1930, 1: 451.—Deitch, H. I., & Rogan, J. M. Gluteal aneurysm. Ibid., 1937, 1: 1516.—

Goldammer. Zur Operation der Glutäal-Aneurysmen. Deut. Zschr. Chir., 1919, 148: 374-84.—Haggard, W. D. Ligation of the internal iliac for enormous gluteal aneurysm. Tr. South. Surg. Ass. (1921) 1922, 34: 362-84, pl. Also Ann. Surg., 1922, 76: 520-7.—Krische, F. Zur Operation der Glutäalaneurysmen. Deut. Zschr. Chir., 1918, 144: 142; 1919, 148: 352.—Lewis, W. L. Ruptured aneurysm of left gluteal artery with operation. Illinois M. J., 1938, 73: 331-3.—Maguire, D. L. Gluteal aneurysm. Ann. Surg., 1926, 84: 760-2.—Nobili, U. Un caso di aneurisma traumatico (falso) dell'ischiatice. Clin. chir., Milano, 1919, n. ser., 1: 278.—Paolucci, R. Falso aneurisma traumatico della arteria glutea. In his Lezioni clin. chir., Roma, 1939, 67-81.—Pecco, R. Aneurisma artero-venoso della glutea superiore (da ferita di guerra). Arch. ital. chir., 1935, 41: 702-30.—Simon, E. Traumatiches Aneurysma der A. glutealis. Zbl. Chir., 1939, 66: 544-8.—Stromeyer, K. Zur Operation der Glutäalaneurysmen. Deut. Zschr. Chir., 1917, 141: 149-55.

— inferior [A. ischiatica]

Job, T. T. Persistence of a left ischiatic artery. Anat. Rec., 1933, 58: 101-5.—Lieftring, J. Variation d'origine de l'artère ischiatique. Bull. Soc. anthrop. Paris, 1923, 7. ser., 4: 134.—Naucek, E. T. Ueber die Ursache des Schwundes der Arteria ischiadica bei den Säugetieren. Zschr. ges. Anat., 1. Abt., 1923, 68: 455-68.—Pernkopf, E. Ueber einen Fall von beiderseitiger Persistenz der Arteria ischiadica. Anat. Anz., 1922, 55: 536-43.

GLUTEAL nerve.

See also Gluteal reflex.

Baldwin, L. G. The Felter yoke as a prophylactic measure for postoperative pressure paralysis following the use of the Trendelenburg position. Surg. Gyn. Obst., 1928, 47: 554-7.—Brunner, A. [Lähmung des M. gluteus medius und minimus]. Münch. med. Wschr., 1925, 72: 157.—Dickson, F. D. An operation for stabilizing paralytic hips; a preliminary report. J. Bone Surg., 1927, 9: 1-7.—Dittman, O. Zur quantitativen Bestimmung des Trendelenburgschen Phänomens am Hüftgelenk. Zschr. orthop. Chir., 1930, 53: 229-36.—Fordemann. Die Aufrichtung eines schwer Wirbelsäulenerkrankten mittels des mechanischen Ersatzes des gelähmten Gluteus maximus nach Mommensen. Ibid., 1931, 55: 137-9.—Lange, F. Die Fernleitung bei Lähmung der Glutäen. Acta chir. scand., 1930, 67: 526-34.—Mommensen, F. Der mechanische Ersatz des gelähmten Gluteus maximus. Zschr. orthop. Chir., 1930, 53: 296-301.—Nilsson, H. On plastic operations in paralysis of the gluteus medius. Acta orthop. scand., 1933, 4: 53-62.—Ober, F. R. An operation for the relief of paralysis of the gluteus maximus muscle. J. Am. M. Ass., 1927, 88: 1063.—René & Charry, G. Le traitement de la paralysie des muscles fessiers par la création d'un ligament ilio-trochanterio-iliaque. J. méd. Bordeaux, 1938, 115: 399-401.—Roasenda, G. Lesione isolata del nervo gluteo superiore. Pensiero med., 1916, 6: 529.

GLUTEAL reflex.

Dalma, G. Il riflesso del muscolo gluteo grande è un vero riflesso. Riv. pat. nerv., 1932, 40: 567-73.—Dosužkov, T. [Contribution to the studies on the significance of the gluteal reflex]. Rev. neur. psychiat., Praha, 1927, 24: 271-9.—Galant, J. S. Su due nuovi riflessi cutaneo-dorsali: il riflesso gluteo ed il riflesso gluteo-lombare. Arch. gen. neur., Nap., 1937, 18: 32-4.—Haškovec, L. Reflex glutealnf. Rev. neuropsychopath., Praha, 1911, 8: 129; 197.—Roasenda, G. Considerazioni sul fenomeno mio-gluteo. Gior. Accad. med. Torino, 1927, 4. ser., 33: 187-91.—Sanchis Banús, J. Un nuevo reflejo por estiramiento tendinoso: el clonus de los glúteos. Arch. med., Madrid, 1927, 27: 745; 1928, 28: 61.

GLUTEAL region.

See also Buttock; Gluteal artery; Gluteal nerve; Gluteus; Perineum.

MÜLLER, K. *Muskeln, Gefäße und Nerven der Glutaealregion und des Oberschenkels eines Somalines. 27p. 24cm. Münster, 1937.

Bonne, G. Ueber Verhütung und Behandlung der Gefäßfurunkulose. Med. Welt, 1937, 11: 1244.—Gordon-Watson, C. Cellular hyaline transformation and calcification in a subgluteal lipoma. Brit. J. Surg., 1927-28, 15: 641-6.—Koerner, A., Kling, D. H., & Sashin, D. Subcutaneous bilateral sarcoïd of the gluteal region; report of a case. Arch. Surg., 1934, 29: 59-63.—Küttner, H. Die tiefen Lipome und Angiolipome der Glutaealregion. Beitr. klin. Chir., 1929, 147: 151-5.—Lomholt, S. [Case of lymphangioma permagnum in the gluteal region]. Hospitalstidende, 1934, 77: Dansk dermat. selsk. forh., 10.—May, J., & Ledesma. Proceso crónico supurante de la región perineo-glútea por bacilos de Flexner. Rev. urug. dermat. síf., 1938, 3: 158-64.—Mezzari, A. Ascesso presacro-gluteo bilaterale comunicante d'origine vertebrale (studio radiologico). Radiol. med., Milano, 1927, 14: 976-81.—Milgram, J. E. A few remarks concerning acute sub-gluteal bursitis. J. Iowa M. Soc., 1930, 20: 123.—Peroni, P. Granuloma lipofagico

bilaterale della regione glutea. Arch. Soc. ital. chir. (1938) 1939, 45: 878-84.—**Robinson, J. F.**, & **Seshachalam, T.** A case of large pedunculated lipoma of the gluteal region. Ind. M. Gaz., 1932, 67: 681.—**Selvaggi, G.** Epidermoide della regione glutea sinistra. Ann. ital. chir., 1934, 13: 716-28.—**Stoye, W.** Metapneumonischer Glutäalabszess mit Muskelnekrose. Münch. med. Wschr., 1922, 69: 1050.—**Vertova, J.** Consideraciones sobre un caso de elaioma bilateral de las regiones glúteas. Rev. cir., B. Air., 1929, 8: 529-48.—**Veyrassat & Montant, R.** Conduite à tenir en présence des traumatismes veineux ou artériels de la région fessière. Schweiz. med. Wschr., 1938, 68: 636-8.—**Vignale, B.**, & **Gianelli, C.** Eritema perineo-glúteo y eczema seborreico. Rev. urug. dermat., 1938, 3: 183-7.

GLUTELIN.

See also **Gladin**; **Gluten**; **Glutenin**; also names of cereals as **Barley**, &c.

Csonka, F. A., & **Jones, D. B.** Studies on glutelins; the glutelins of corn (*Zea mays*). J. Biol. Chem., 1928, 78: 289-92. — Studies on glutelins; the glutelins of rye (*Secale cereale*) and of barley (*Hordeum vulgare*) Ibid., 1929, 82: 17-21. — **Horn, M. J.** Studies on glutelins; the optical rotation of the glutelins of wheat, rye, barley, maize, and rice. Ibid., 1930, 89: 267-373.—**Ishigami, J.** Immunological studies of protein and its decomposition products; rice and soya bean glutelin and their decomposition products as antigens. Acta dermat., Kyoto, 1931, 18: 82-96.

GLUTEN.

See also **Bread**; **Fibrin**; **Flour**; **Glidin**; **Glue**; **Glutelin**; **Glutenin**.

ROSENFELD, A. *Ueber den Einfluss der chronischen Fütterung mit Weizenklebereiweiss-hydrolysat auf die Oxydation im Betriebsstoffwechsel. 15p. 23cm. Berl., 1937.

Baglioni, S. Sul valore alimentare del glutine. Probl. aliment., Varello, 1932-33, 2: 239-52.—**Blagoveschensky, A. V.**, & **Sossiedov, N. I.** The gluten-dissolving ferment of wheat and barley seeds. Biochem. J., Lond., 1933, 27: 1575-7.—**Cook, W. H.**, & **Rose, R. C.** Studies of the gluten proteins. Annual Rep. Nat. Res. Council, Ottawa, 1933-34, 17: 26. — Effect of heat treatment on the viscosity of gluten dispersed in alkali, acid and neutral solvents. Canad. J. Res., 1935, 12: 238-47.—**Escudero, P.** Estudio médico y social de los productos alimenticios a base de gluten. Tr. Clin. Escudero, B. Air., 1930, 4: 48-62. — Elaboración y venta del pan de gluten. Ibid., 63-6. Also Sem. méd., B. Air., 1930, 27: 598-603.—**Fényvessy, B.** Ueber den Einfluss einiger vegetabilischen Proteide auf den Weizenkleber. C. rend. Congr. internat. aliment., 1910, 2. Congr., 2: Sect. 4, 63.—**Filaudeau, G.** Les farines de gluten. Ann. falsif., Par., 1918, 11: 147-9.—**Gerum, J.**, & **Metzer, C.** Zur Kenntnis des Weizenklebers. Zschr. Untersuch. Nahrungsmitt., 1922, 44: 86; 1923, 46: 74.—**Guest, G. H.**, & **Larmour, R. K.** The effect of fermentation on some properties of gluten. Canad. J. Res., 1936, 14: Sect. C, No. 6, 222-8.—**Rakusin, M. A.**, & **Braudo, K.** Zur vergleichenden Kennzeichnung des Chondrins und Glutins. Zschr. Untersuch. Lebensmitt., 1926, 52: 397-401.—**Rose, R. C.**, & **Cook, W. H.** Viscosity of gluten dispersed in alkali, acid and neutral solvents. Canad. J. Res., 1935, 12: 63-81.—**Taddei, G.** Ricerche sul glutine di frumento (1818) Q. nutriz., Bologna, 1939, 6: 245-7.—**Wislicenus, H.**, & **Lorenz, R.** Ueber kolloidchemische Wertbestimmung der Klebstoffe. Kolloid Zschr., 1924, 34: 201 8.—**Zuntz, N.** Zur Vervollkommenung des Leims als Eiweissersatz. Berl. klin. Wschr., 1917, 540.

GLUTENIN.

See also **Gladin**.

KUHN, G. *Ueber den Einfluss der Röstung des Weizenklebereiweisses auf den Zwischenstoffwechsel [Berlin] 32p. 21cm. Strausb. b. Berl., 1938.

Abderhalden, E. Chimica e fisiologia della glutenina. Q. nutriz., Bologna, 1939, 6: 248-55.—**Blish, M. J.**, & **Sandstedt, R. M.** The nature and identity of wheat glutenin. J. Biol. Chem., 1929-30, 85: 195-206.—**Cook, W. H.**, & **Alsberg, C. L.** Preparation of glutenin in urea solutions. Canad. J. Research, 1931, 4: 355-74.—**Csonka, F. A.**, & **Jones, D. B.** Studies on glutelins; the α - and β -glutelins of wheat (*Triticum vulgare*) J. Biol. Chem., 1927, 73: 321-9.—**Neglia, F. J.**, **Hess, W. C.**, & **Sullivan, M. X.** The cystine content of acid- and alkali-prepared glutenin. Ibid., 1938, 125: 183-9. Also repr.

GLUTEUS.

See also **Buttock**; **Gluteal nerve**; **Gluteal region**.

Catalano, F. E., & **Durini, A.** Quiste hidatídico del glúteo menor. Prensa méd. argent., 1940, 27: 525-8.—**Karitzky, B.**

Abriss des Musculus gluteus medius. Zbl. Chir., 1936, 63: 1956-8.—**Kolesnikow, W. W.** Zur vergleichenden Anatomie des M. gluteoobiceps der Säugetiere. Zschr. ges. Anat., 1. Abt., 1932-33, 99: 538-70.—**Legg, A. T.** Tensor fascia femoris transplantation in cases of weakened gluteus medius. N. England J. M., 1933, 209: 61.—**Riska, N.** [Muscles in the gluteal region in primates] Fin. läk. säll. hand., 1936, 79: 637-57.—**Toole, H.** Echinococcus der Glutealmuskeln nach Hundebiss am Gesäss. Arch. klin. Chir., Berl., 1935-36, 184: 183.

— maximus.

For its paralysis see under **Gluteal nerve**.

Barcia Goyanes, J. J. Sobre la morfología del músculo glúteo mayor. Arq. anat., (1925) 1926 9: 1-7, 2 pl.—**Maroni, J. J.** Puntos de reparo y proyecciones en la gran región glútea. Día méd., B. Air., 1938, 10: 327.—**Payr, E.** Grosser Gesässmuskel und chronische Hüftgelenkerkrankung. Arch. klin. Chir., Berl., 1933, 177: 390-9.—**Schwarz, W.** Der Arcus tendineus am Foramen suprapiriforme; ein Beitrag zur konstruktiven Anatomie des Menschen. Anat. Anz., 1936, 82: 33-6.—**Viannay.** Un cas de kyste hydatique du muscle grand fessier. Loire méd., 1926, 40: 74-9.—**Zielińska, H.** Anthropomorphologie des M. gluteus maximus. Bull. internat. Acad. polon. sc., 1936, cl. méd., 203-10.

GLUTIN.

See **Gluten**.

GLUTOSE.

Benedict, E. M., **Dakin, H. D.**, & **West, R.** On glucose and its biochemical behavior. J. Biol. Chem., 1926, 68: 1-14.

GLUTZ, Anna, 1909— *Untersuchung über die Grösse der Stirnhöhlen bei Sinusitis maxillaris chronica und acuta [Zürich] p.496-501. 8°. Würzb., H. Stürtz, 1936.

Also Zschr. Hals & c. Heilk., 1936, 39:

GLUZINSKI, Wladyslaw Antoni, 1856-1935.

Franke, M. [Obituary] Polskie arch. med. wewn., 1935, 3: 517-30, portr.—[Obituary] Cas. lék. česk., 1935, 74: 327.—**Wegierko, J.** [Obituary] Warsz. czas. lek., 1935, 12: 173.

GLYC ...

See also words beginning with **Gluc ...**

GLYCEMIA.

See **Blood sugar**.

GLYCERALDEHYDE.

See **Carbohydrates**, Types: **Monosaccharides**: 3-oses.

GLYCERIC acid.

See also **Glycerol**; **Glycerophosphoric acid**; **Propionic acid**.

Antoniani, C. Ueber den Abbau der d, l-Glycerinsäure durch B. Coli und B. lactis aerogenes. Biochem. Zschr., 1933, 267: 380-2.—**Rapoport, S.** Ueber die Bestimmung der Glycerinsäure in freier und veresterter Form. Ibid., 1936-37, 289: 406-10.—**Schoenebeck, O. von.** Zur Frage nach der Vergärbarkeit der Glycerinsäure. Ibid., 1935, 276: 421-4.

GLYCERIDE.

See also **Fat**; **Glycerol**, Derivatives; **Lipid**; **Oil**; also names of fats and oils as **Tallow**, &c.

Anderson, R. J. The chemistry of the acyclic constituents of natural fats and oils. Annual Rev. Biochem., 1932, 1: 89; 1934, 3: 59. — & **Salisbury, L. F.** The chemistry of the acyclic constituents of natural fats and oils. Ibid., 1939, 8: 133-54.—**Averill, H. P.** The relation between the chemical constitution and physical properties of the triglycerides. Abstr. Theses Univ. Pittsburgh, 1927, 3: 49-60.—**Bergmann, M.**, & **Carter, N. M.** Synthese von β -Glyceriden. Zschr. physiol. Chem., 1930, 191: 211-21.—**Bömer, A.**, & **Ebach, K.** Beiträge zur Kenntnis der Glyceride der Pette und Öle; Glyceride der Laurin- und Myristinsäure. Zschr. Untersuch. Lebensmitt., 1928, 55: 501-28.—**Chargaff, E.** The chemistry of the acyclic constituents of natural fats and oils. Annual Rev. Biochem., 1935, 4: 79-92.—**Deuel, H. J., Jr.**, & **Hallman, L.** The rate of absorption of synthetic triglycerides in the rat. J. Nutrit., 1940, 20: 227-32.—**Helfferich, B.**, & **Sieber, H.** Zur Synthese partiell acylierter Glyceride. Zschr. physiol. Chem., 1927, 170: 31; 1928, 175: 311.—**Hilditch, T. P.** The chemistry of the acyclic constituents of natural fats and oils. Annual Rev. Biochem., 1936, 5: 101-16. — & **Paul, S.**

The component glycerides of an ox depot fat. *Biochem. J.*, Lond., 1938, 32: 1775-84.—**Hilditch, T. P.**, & **Stainsby, W. J.** The body fats of the pig; progressive hydrogenation as an aid in the study of glyceride structure. *Ibid.*, 1935, 29: 90-9.

The component glycerides of hen body fats. *Ibid.*, 599-605.—**Horowitz-Wlassowa, L. M.**, **Katschanowa, E. E.**, & **Tkatschew, A. D.** Verhalten der Fette und Öle gegen Luft, Licht und pflanzliche Fermente. *Zschr. Untersuch. Lebensmitt.*, 1935, 69: 409-21.—**Jackson, D. T.** A study of partially acylated glycerides. *Abstr. Theses Univ. Pittsburgh*, 1932, 8: 128-32.—**Jamieson, G. S.** The chemistry of the acyclic constituents of natural fats and oils. *Annual Rev. Biochem.*, 1938, 7: 77-98.—**Lecoq, R.** Peut-on, dans une ration équilibrée, substituer aux glycérides les acides gras qui leur correspondent? *C. rend. Acad. sc.*, 1935, 200: 1979.—**Morel, A.**, & **Velluz, L.** Contribution à l'étude de la synthèse biochimique des glycérides; sur la réversibilité de l'action diastatique du cytoplasme de la graine de ricin. *Ibid.*, 1928, 186: 43-6. Also *Bull. Soc. chim. biol.*, Par., 1928, 10: 478-88.—**Robinson, H. E.** Synthetic fatty acid glycerides. *Abstr. Theses Univ. Pittsburgh*, 1931, 7: 174-9.—**Roche, J. N.** The relation between the chemical structure and physical triglycerides. *Ibid.*, 1927, 3: 87-95.—**Schulz, F. N.**, & **Becker, M.** Die Synthese der zweisäurigen Triglyceride von Palmitinsäure und Myristinsäure. *Biochem. Zschr.*, 1933, 264: 87-93.—**Velluz, L.** Sur la synthèse et l'hydrolyse biochimiques des glycérides; cinétique des réactions. *Bull. Soc. chim. biol.*, Par., 1928, 10: 1213-26.—**Weizmann, M.**, **Haskelberg, L.**, & **Malkowa, S.** Zur synthetischen Darstellung von gemischten Fett- und Aminosäureglyceriden. *Zschr. physiol. Chem.*, 1929, 184: 241-5.—**Wheeler, D. H.**, **Riemenscheider, R. W.**, & **Sando, C. E.** Preparation, properties, and thiocyanogen absorption of triolein and trillinolein. *J. Biol. Chem.*, 1940, 132: 687-99. Also repr.—**Windaus, A.** The chemistry of the sterols, bile acids, and other cyclic constituents of natural fats and oils. *Annual Rev. Biochem.*, 1932, 1: 109-34.

GLYCERIN.

See **Glycerol**.

GLYCERINE PRODUCTS ASSOCIATION. Glycerine and the derivatives. 24p. 8°. Chic. [1939]

GLYCEROL.

See also **Alcohols**.

MÖNIUS, H. *Zur Kenntnis des Glycerins [Erlangen] 32p. 8°. Forchheim, 1936.

Champion & Pellet. Metodo d'analisi delle glicerine. *Gior. farm. chim.*, Tor., 1873, 22: 538.—**Darzens, G.** Nouvelle contribution à la synthèse de la glycérine. *C. rend. Acad. sc.*, 1937, 204: 506.—**Examen** de la glycérine; nécessité de l'avoir pure. *J. chim. méd.*, Par., 1867, 5. sér., 3: 640-2.—**Ganassini, D.** Reazione cromatica della glicerina coi tiosolfati alcalini. *Arch. Ist. biochim. ital.*, 1930, 2: 239-42.—[**Glycerin crystals**] *Pharm. tid.*, Kbh., 1867, 6: 236.—**Glycérine impure.** *J. chim. méd.*, Par., 1867, 5. sér., 3: 131.—**Glycerine** made synthetically expected to stabilize price. *Science News Lett.*, 1940, 37: 115.—**Henniger, A.** [Crystalline glycerin] *Ny pharm. tid.*, Kbh., 1876, 8: 8.—[**Inflammability of glycerin**] *Ibid.*, 1875, 7: 183.—[**Investigation of glycerin**] *Pharm. tid.*, Kbh., 1867, 6: 74-6.—**Lloyd, J. U.** Historical notes on the early manufacture and use of glycerine in the Middle West. *Eclect. M. J.*, 1926, 86: 519-22.—**M., A. T. D.** Sur la pureté ou l'impureté de la glycérine. *J. chim. méd.*, Par., 1867, 5. sér., 3: 473.—[**Manufacture of glycerine in North America**] *Ny pharm. tid.*, Kbh., 1870, 2: 363.—**Mickelson, M. N.**, & **Werkman, C. H.** The dissimilation of glycerol by coli-aerogenes intermediates. *J. Bact.*, Balt., 1940, 39: 709-15.—**Negelein, E.**, & **Brömel, H.** Ueber die Entstehung von Glycerin bei der Gärung. *Biochem. Zschr.*, 1939-40, 303: 231-3.—**Phelps, A. S.**, **Johnson, M. J.**, & **Peterson, W. H.** CO₂ utilization during the dissimilation of glycerol by the propionic acid bacteria. *Biochem. J.*, Lond., 1939, 33: 726-8.—**Pouchet.** Emploi de la glycérine dans la fabrication des boissons, gélées, bonbons, etc. *Ann. falsif.*, Par., 1911, 4: 283.—**Proca, G.** Sur l'extraction des facteurs lysogènes au moyen de la glycérine. *C. rend. Soc. biol.*, 1940, 133: 295-8.—**Sanger, W. E.** Recovery of glycerine from spent soap lyes. *Chem. Metallurg. Engin.*, 1922, 26: 1211-6.—**Vianna, A.** Materias primas nacionaes; glicerina. *Rev. med. mil.*, Rio, 1935, 24: 271-9.—**W.** Glycerin. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 6: 825-8.

Dehydration.

Centnerszwer, M., & **Szper, J.** Electrolyse de quelques sels dans la glycérine anhydre. *Bull. internat. Acad. polon. sc.*, 1936, ser. A, 378-81.—**Mazza, F. P.**, & **Carere, O.** Deidrogenazione della glicerina con palladio. *Boll. Soc. ital. biol. sper.*, 1934, 9: 177.—**Szper, J.**, & **Gajewski, Z.** Sur la conductibilité des chlorures de Ca, Sr et Ba dans la glycérine anhydre. *J. chim. phys.*, Par., 1935, 32: 705-14.

Derivatives.

See also **Fat**; **Glyceric acid**; **Glyceride**; **Glycero-phosphoric acid**; **Oil**; **Phosphatide**.

GLYCERINE PRODUCTS ASSOCIATION. Glycerine and the derivatives. 24p. 8°. Chic. [1939]

Bellet, E. M. Sur l'alcoolyse de la triacétine de la glycérine en milieu faiblement alcalin. *C. rend. Acad. sc.*, 1934, 198: 1785.—**Pool, W. O.** The preparation and properties of some 1-3 dialkyl ethers of glycerol. *Bull. George Washington Univ.*, 1932-34, Summaries Theses, 1934, 65.—**Ravier, H.** Sur la phényltriméthylglycérine et sur quelques chlorhydrines de glycérides tétrasubstitués. *C. rend. Acad. sc.*, 1934, 198: 1786-8.

Determination.

Bruchhausen, F. von. Mikrobestimmung des Glycerius auf jodometrischem Wege. *Zschr. Untersuch. Lebensmitt.*, 1934, 68: 32.—**Fleury, P.**, & **Fatome, M.** Dosage du glycérol, en présence des sucres, par l'acide périodiques. *J. pharm. chir.*, Par., 1935, 8. sér., 21: 247-66. — Sur une nouvelle méthode de dosage du glycérol en présence des sucres; application à l'analyse de quelques produits pharmaceutiques. *Congr. pharm.*, Liège (1934) 1935, 103-7.—**Malaprade, L.** Note sur le dosage acidimétrique de la glycérine (et de l'érythrite) au moyen des périodates. *Bull. Soc. chim. France*, 1937, 5. sér., 4: Mém., 906-10.—[**Quantitative determination of glycerin**] *Ny pharm. tid.*, Kbh., 1880, 12: 260-2.

Metabolism.

BLUM, K. [A.] *Ueber den Umsatz von Glycerin im Tierkörper. 24p. 8°. Lpz., 1934.

KÖRTING, A. *Zur Glycerinausscheidung durch die Niere. 16p. 8°. Rost., 1933.

Behrens, H. O. Ueber den Einfluss des Glycerins auf den Blutzuckerspiegel. *Mischr. Kinderh.*, 1935, 63: 368.—**Maclean, M. B.** Die Wirkung von Fett und Glycerin auf die Blutzucker-kurve bei Kindern. *Ibid.*, 1937, 70: 220-3.—**Nord, F.**, & **Deuel, H. J., jr.** The specific dynamic action of glycerine given orally and intravenously to normal and to adrenalectomized dogs. *J. Biol. Chem.*, 1928, 80: 115-24. Also repr.—**Trabucchi, E.** Sul contegno della glicerina nell'organismo. *Boll. Soc. ital. biol. sper.*, 1932, 7: 916-20.—**Voris, L.**, **Ellis, G.**, & **Maynard, L. A.** The determination of neutral fat glycerol in blood with periodate; application to the determination of arteriovenous differences in neutral fat. *J. Biol. Chem.*, 1940, 133: 491-8. Also repr.

Pharmacology, and toxicology.

BIRZA, J. W. *Onderzoek van enkele ternaire stelsels in verband met de oplosbaarheid van geneesmiddelen in glycerine. 95p. 8°. Amst., 1929.

ROBORGH, J. A. *Oplosbaarheidsbepalingen van eenige geneesmiddelen in glycerine [Determination of solubility of some medicaments in glycerine] 45p. 8°. Amst., 1927.

Cima, G. Preparazione del glicerolato d'amido. *Boll. chim. farm.*, 1936, 75: 612.—**Dessylla, C.** Singolare sindrome morbosa acuta consecutiva ad ingestione di glicerina in bambino portatore di elminti. *Clin. igiene inf.*, 1930, 5: 365-84.—**Ganino, G.** Nuovo metodo di preparazione dei glicerolati d'amido medicamentosi e profumati (in autoclave). *Boll. chim. farm.*, 1936, 75: 633-5.—**Geiler, F. L.** A method of preparing glycerite of starch. *J. Am. Pharm. Ass.*, 1934, 23: 810.—[**Glycerinum anglicum**] *Pharm. tid.*, Kbh., 1862-63, 2: 393-5.—[**Glycerin**-containing pills cannot be silver plated nor gilt] *Ny pharm. tid.*, Kbh., 1871, 3: 78.—[**Glycerin** as a solvent] *Ibid.*, 1872, 4: 170.—**Hager.** Zuccaro o destrina, ammoniaca, acido ossalico e formico nella glicerina e modo di svelarli. *Gior. farm. chim.*, 1869, 18: 315.—**Hart, E. R.** A pharmacological comparison between synthetic glycerol and glycerol prepared from natural oils. *Univ. California Pub.*, 1939, 1: Pharm., 271-4.—**Johnson, V.**, **Carlson, A. J.**, & **Johnson, A.** Studies on the physiological action of glycerol on the animal organism. *Am. J. Physiol.*, 1933, 103: 517-34.—**Levi, A.** Sull'azione convulsivante della glicerina. *Boll. Soc. ital. biol. sper.*, 1935, 10: 780.—**Maggio, P.** Ricerche sperimentali sull'azione flebosclerosante delle iniezioni endovenose di glicerina. *Arch. ital. anat. pat.*, 1932-33, 3: 765-72.—**Molitoris, H.** Natürlicher Tod oder Betriebsunfall durch Enodrinvergiftung? *Deut. Zschr. gerichtl. Med.*, 1929, 14: 149-57.—**Naito, S.** Ueber den Effekt des Glycerins auf das Gleichgewicht des Wasserstoffions. *Mitt. Med. Akad. Kioto*, 1934, 12: 641.—**Piras, A.** Ricerche istologiche su organi di conigli trattati a lungo con iniezioni sottocutanee di piccole dosi di glicerina. *Arch. farm. sper.*, 1925, 40: 251-6.—**Roberts, I.** Glycerin of starch; a study of the effects of storage. *Q. J. Pharm.*, Lond., 1938, 11: 18-25.—**Schübel, K.** Zur Pharmakologie des Glycerins. *Arch. exp. Path.*, Berl., 1936, 181: 132-5. Also *Sitzber. Phys. med. Soz. Erlangen* (1935-36) 1937, 67-68: 263.—**Simon, I.** Nuove vedute intorno all'azione della glicerina. *Pensiero med.*, 1926, 15: 457-9.—**Sohet, E.** La glycérine, véhicule de certains médicaments. *Ann. pharm.*, Louvain, 1902, 8: 193-6.—**Solomides, J. S.** Recherches sur l'action toxique de la glycérine sur le cobaye neuf et sur le cobaye tuberculeux. *C. rend. Soc. biol.*, 1939, 132: 359-61.—**Sumner, W.**, & **Lloyd, R. V.** The preparation of glycerin of starch B. P. 1932. *Pharm. J.*, Lond.,

1936, 4, ser., 82: 145.—**Testoni, P.** Azione della glicerina sulla mucosa dell'intestino. *Clin. med. ital.*, 1925, 56: 187-92.—**Trabucchi, E.** L'azione della glicerina sul cuore e sul circolo periferico della rana. *Arch. farm. sper.*, 1932-33, 54: 149-61.—**L'azione della glicerina sull'utero isolato.** *Ibid.*, 176-84.—**L'azione della glicerina sul respiro.** *Ibid.*, 197-9.—**Etudes sur l'action pharmacologique de la glycérine.** *Arch. ital. biol.*, 1932-33, 88: 17-29.—**Valtan, O.** Azione della glicerina sulla mucosa del condotto uditivo esterno. *Arch. farm. sper.*, 1932-33, 54: 115-23.—**Zavala, M.** Notas sobre la glicerina. *Bol. farm. mil., Madr.*, 1935, 13: 5; 42.

— Therapeutic use.

BUCHER, J. *Klinische und experimentelle Untersuchungen über die Brauchbarkeit der Glycerinklystiere bei Haustieren [Bern] 88p. 8°. Münch., 1910.

LESSER, M. A., & MURPHY, J. R. Glycerine; its role in medicine. 16p. 8°. 1936.

Repr. from *Am. Profess. Pharmacist* (June, July, Aug.) 1936.

Calderin, A. M. Estudio de la acción anatomopatológica de las inyecciones esclerosantes de glicerina en rinología. *An. Hosp. S. José, Madr.*, 1933-34, 5: 203-7.—**Francés, A.** Resultados obtenidos con las inyecciones esclerosantes de glicerina en rinofaringología. *Ibid.*, 1932-33, 4: 277-80.—**Compton, A.** Intra-uterine injection of pure glycerine; an experimental inquiry into the bacteriological basis for the local treatment of puerperal sepsis and allied conditions by this means. *Lancet, Lond.*, 1926, 2: 326-8.—**McCullagh, W. M. H.** Intra-vaginal glycerin medication. *Brit. M. J.*, 1939, 1: 110.—**Maignon, F., & Grandelaude, C.** Action sclérosante des injections intravaginales de glycérine; effets sensibilisants d'une première injection. *C. rend. Acad. sc.*, 1930, 190: 890-2.—**Morpin, J.** Emploi chirurgical de la glycérine. *J. méd. vét., Lyon*, 1856, 12: 36-8.—**Scarpetti, C.** Sull'applicazione di un gliceride colloidale (Xatrosappa) nella pratica ostetrico-ginecologica. *Arte ostet.*, 1936, 50: 18-24.—**Scherber, G.** Ueber die Anwendung eines Glycerinpfanzenschleimpräparates (Glycerinmucogen) in der dermatologischen Praxis. *Ther. Gegenwart*, 1924, 65: 326-8.—**Smith, E. D.** Glycerin osmotic drainage. *Am. J. Surg.*, 1940, 50: 55-62.—**[Use of glycerin]** *Ny pharm. tid. Kbh.*, 1871, 3: 342.—**[Use of glycerin in Europe]** *Ibid.*, 1877, 9: 365.—**Wu, I. P., & Sia, R. H. P.** The beneficial action of glycerin on *B. dysenteriae* in dysenteric stools. *Chin. M. J.*, 1936, Suppl. 1, 179-85.

— trinitrate [Nitroglycerine]

See also in 3. ser. **Nitroglycerine.**

MÖLLER, I. [D. A.] *Zur Kenntnis des Nitroisobutyl-glycerins und einiger seiner Derivate. 42p. 8°. Kiel, 1927.

Caron, H., & Raquet, D. Dosage des solutions alcooliques de nitroglycérine. *J. pharm. chim., Par.*, 1930, 8, ser., 12: 109-18.—**Hutchison, G. F.** Determination of nitro-glycerine in concentrated triturations. *J. Am. Pharm. Ass.*, 1940, 29: 217-20.—**Moyen** simple de conserver la nitroglycérine sans danger d'explosion. *J. chim. méd., Par.*, 1866, 5, ser., 2: 592.—**Schulek, E., & Kerényi, B.** Beiträge zur Frage der Verseifung des Nitroglycerins, sowie zur Wertbestimmung fetthaltiger Nitroglycerin- und Nitromannitpräparate. *Orsz. Közgyűsz. Int. közl.*, 1932, 5: No. 23, 1-15.—**Sur la nitroglycérine;** destruction de cette matière fulminante. *J. chim. méd., Par.*, 1869, 5, ser., 5: 342.—**Sutton, T. C., & Harden, H. L.** Surface tension and molecular volume of nitroglycerine. *J. Phys. Chem.*, 1934, 38: 779-81.

— trinitrate: Pharmacology.

See also names of diseases as **Angina pectoris;** **Blood pressure, high.**

LICHTENSTEIN, E. *Erfahrungen mit Nitroseleran [Berlin] 20p. 8°. Charlottenb., 1925. Also *Deut. med. Wschr.*, 1925, 51: 2077.

Boericke, W. Glonoin; a materia medica talk at University of California Medical School. *Pacific Coast J. Homeop.*, 1936, 47: 523-7.—**Crandall, L. A., Leake, C. D.** [et al.] The rate of elimination of glyceryl trinitrate from the blood stream after intravenous administration in dogs. *J. Pharm. Exp. Ther.*, 1929-30, 37: 283-96.—**Dmitrenko, L. F.** [Nitroglycerin as a diuretic] *Kharkov. M. J.*, 1907, 3: 343-52.—**K farmakodinamike nitroglicerina.** *Russ. vrach*, 1908, 7: 1492-7.—**Ducks, G.** [Accidents with medicinal nitroglycerin] *Gyógyászat*, 1933, 73: 447.—**Empoisonnement par la nitroglycérine.** *J. chim. méd., Par.*, 1867, 5, ser., 3: 640.—**Lewis, H. E.** Glonoin; its pharmacology, physiologic action, toxicology, and therapeutic uses. *Vermont M. Month.*, 1901, 7: 179-87.—**Lueth, H. C., & Hanks, T. G.** Unusual reactions of patients with hypertension to glyceryl trinitrate. *Arch. Int. M.*, 1938, 62: 97-108.—**Meek, H. O.** The assay of glyceryl trinitrate tablets. *Q. J. Pharm., Lond.*, 1935, 8: 375-7.—**[Nitroglycerin]** *Pharm. tid., Kbh.*, 1864-65, 4: 479; 1866, 5:

420.—**Oltman, T. V., & Crandall, L. A., jr.** The acute toxicity of glyceryl trinitrate and sodium nitrate in rabbits. *J. Pharm. Exp. Ther.*, 1931, 41: 121-6.—**Orestano, G.** Azione farmacologica della nitroglicerina; clinizzazione. *Arch. ital. sc. farm.*, 1937, 6: 153; 285; 1938, 7: 231.—**Azione farmacologica della nitroglicerina;** tossicità e azione metemoglobinizzante in vivo. *Ibid.*, 1937, 6: 153-72.—**Signorino, R.** Su dieci casi di tossiemia da nitroglicerina. *Gior. med. mil.*, 1936, 84: 43-6.—**Simili, A.** Sulla terapia delle ipertensioni arteriose; la trinitrina. *Cuore & circol.*, 1935, 19: 608-31, 1 ch.—**Smith, W.** The assay of glyceryl trinitrate tablets. *Q. J. Pharm., Lond.*, 1935, 8: 370-4.—**Sprague, H. B., & White, P. D.** Nitroglycerin collapse; a potential danger in therapy; report of 3 cases. *Med. Clin. N. America*, 1933, 16: 895-8.—**Vitale, S., & La Rovere, G.** Itero emolitico da nitroglicerina. *Gior. med. mil.*, 1937, 85: 494-509.—**Yakir, G. M.** [Korotkow's auscultatory manifestation from the effect of internal doses of glyceryl trinitrate] *Ark. med. nauk.*, 1929, 2: 83-7.—**Yeager, C. F.** The effects of glonoine from absorption through the olfactory channels. *Homoeop. Rec.*, 1935, 50: 238-43.

GLYCEROPHOSPHATASE.

See also **Phosphatase.**

Adler, E., & Günther, G. Zur Kenntnis der enzymatischen Triosephosphorsäure-Dehydrierung. *Zschr. physiol. Chem.*, 1938, 253: 143-58.—**Adler, E., & Hughes, W. L.** Der enzymatische Mechanismus der Oxydoreduktion der Triosephosphorsäuren. *Ibid.*, 71-9.—**Euler, H. von.** Glycerophosphat-dehydriase; Oxydoreduktion im Muskel. *Ibid.*, 252: 1-23.—**Akano, R.** Versuche zur Trennung der Enolase und der Phosphoglyceromutase. *Biochem. Zschr.*, 1935, 280: 110-3.—**Baranowski, P.** Ueber das Enzymsystem der Uebertragung von Phosphatgruppen aus der Phosphoglycerinsäure auf Adenylsäure. *Enzymologia, Haag*, 1938, 5: 262-72.—**Bellini, L., & Cera, B.** Comportamento della glicerofosfatasi intestinale durante l'assorbimento intestinale di glicerofosfato. *Biochim. ter. sper.*, 1940, 27: 146-9.—**Bodansky, O., & Bakwia, H.** The phosphatase hydrolysis of diphospho-l-glyceric acid. *J. Biol. Chem.*, 1934, 104: 747-55. Also repr.—**Bowers, R. V., Outhouse, E. L., & Forbes, J. C.** Phosphatase studies; the hydrolysis of amino-ethylphosphate and β -glycerophosphate by fecal and kidney phosphatase. *Ibid.*, 1940, 132: 675-80. Also repr.—**Cedrangolo, F.** Ricerche sulla glicerofosfatasi del tessuto adiposo. *Arch. sc. biol., Bologna*, 1936, 22: 123-41.—**Courtois, J.** Hydrolyse comparée des acides α - et β -glycérophosphoriques par diverses phosphatases végétales; action des arsénites et des fluorures sur la taka-diastase. *Bull. Soc. chim. biol., Par.*, 1937, 19: 303-16.—**Influence de la concentration de la diastase sur l'affinité vis-à-vis du substrat.** *Ibid.*, 317-20.—**Recherches sur la purification de la phosphatase d'Amande.** *Enzymologia, Haag*, 1938, 5: 273-87.—**Hydrolyse comparée des acides α - et β -glycérophosphoriques par diverses phosphatases végétales;** nouvelles recherches sur la taka-diastase. *J. pharm. chim., Par.*, 1939, 8, ser., 29: 343-53.—**De Rienzo, A.** Azione della fosfatasi delle ossa sull'acido glicerofosforico. *Boll. Soc. ital. biol. sper.*, 1930, 5: 1034-6.—**Emerique, L.** Activité de la glycérophosphatase dans les tissus des animaux carencés en vitamine A. *Bull. Soc. chim. biol., Par.*, 1935, 17: 1372-7.—**Erdtman, H.** Glycerophosphatspaltung durch Nierenphosphatase und ihre Aktivierung. *Zschr. physiol. Chem.*, 1927, 172: 182-98.—**Inouye, K.** Ueber die Wirkung der Chemikalien auf Glycerophosphatase. *J. Biochem., Tokyo*, 1927, 7: 433-9.—**Die p_{H} -Abhängigkeit der Glycerophosphatase.** *Ibid.*, 1928, 10: 133-45.—**Karrer, P., & Freuler, R.** Die enzymatische Spaltung der α - und β -Glycerinphosphorsäuren. In *Festschr. z. 70. Geburtst. Alexander Tschirch, Lpz.*, 1926, 421-4.—**Kay, H. D., & Lee, E. R.** The rate of hydrolysis of α - and β -glycerophosphates by enzymes. *J. Biol. Chem.*, 1931, 91: 135-46.—**Kobayashi, H.** Ueber die Glycerophosphatase. *J. Biochem., Tokyo*, 1926, 6: 261; 1927, 8: 205.—**Die fermentative Spaltung der Diphosphoglycerinsäure.** *Ibid.*, 1929, 11: 173-81.—**Koster, L.** The presence of glycerophosphatase in human faeces; estimation and clinical significance. *Acta med. scand.*, 1939, 101: 482-90.—**Lohmann, K., & Meyerhof, O.** Ueber die enzymatische Umwandlung von Phosphoglycerinsäure in Brenztraubensäure und Phosphorsäure. *Biochem. Zschr.*, 1934, 273: 60-72.—**Neuberg, C., & Kobel, M.** Umwandlung von Phosphoglycerinsäure durch die Fermente gekeimter Erbsen und Bohnen. *Ibid.*, 272: 457.—**Pautrat, J.** La glycero-phosphatase sanguine. *Paris méd.*, 1930, 101: 27-31.—**Proskuriakov, N.** [The activity of glycerophosphatase from the mycelium of *Aspergillus oryzae* of various ages] *Mikrobiologia, Moskva*, 1936, 5: 32-9.—**Schmidt, J.** Das Verhalten der Glycero- und Hexosediphosphatase unter der Einwirkung der P-Substanz. *Zschr. Kinderh.*, 1931-32, 52: 676-8. Also repr.

GLYCEROPHOSPHORIC acid.

See also **Glyceric acid;** **Glycerol;** **Glycerophosphatase;** **Phosphatide.**

MEHLER, E. *Die Darstellung der Glycerinsäurephosphorsäure bei der Umsetzung der

Hexosediphosphorsäure durch Hefe [München] 14p. 21cm. Speyer a. Rh., 1938.

Bailly, O. Sur la constitution des acides glycérophosphoriques. *Bull. Soc. chim. biol.*, Par., 1914-19, 1: 152-62.

— & Gaumé, J. Sur un mode inattendu de formation du monoester β -glycérophosphorique. *C. rend. Acad. sc.*, 1934, 198: 1932-34.

— Migration du radical phosphorique au cours de l'hydrolyse du diester méthyl- α -glycérophosphorique; passage des α - aux β -glycérophosphates. *Ibid.*, 2258-60. Also *J. pharm. chim.*, Par., 1935, 8. ser., 22: 23-32.

Barrenscheen, H. K., & Beneschovsky, H. Ueber die Umsetzung natürlicher 1-Phosphoglycerinsäure durch tierische Gewebe. *Biochem. Zschr.*, 1935, 276: 147-67.

Barrenscheen, H. K., Lorber, G., & Meeraus, W. Ueber die Umsetzung natürlicher 1-Phosphoglycerinsäure durch tierische Gewebe; die Umwandlung der Phosphoglycerinsäure in Phosphobrenztraubensäure. *Ibid.*, 278: 386-95.

Channon, H. J., & Chibnall, A. C. The ester-soluble substances of cabbage leaf cytoplasm: further observations on diglyceridephosphoric acid. *Biochem. J.*, Lond., 1927, 21: 1112-20.

Cattaneo, C. Ueber die Einwirkung von Timotheebakterien auf die linksdrehende Glycerinsäure-mono-phosphorsäure. *Biochem. Zschr.*, 1934, 270: 332-5.

Charpentier, P., & Bocquet, M. Sur l' α -glycérophosphate de sodium cristallisé. *Bull. Soc. chim. France*, 1932, 4. ser., 51: 413-9.

Courtois, J. Le pouvoir fixateur de la taka-diastase vis-à-vis des glycérophosphates. *Bull. Soc. chim. biol.*, Par., 1935, 17: 1340-5.

Fleury, P. Sur les glycérophosphomolybdates. *J. pharm. chim.*, Par., 1932, 8. ser., 16: 333-44.

Guest, G. M., & Rapoport, S. Studies of diphosphoglyceric acid in blood cells. *Proc. Am. Soc. Biol. Chem.*, 1938, 8: No. 7, 47.

Hitchens, R. M. Analysis of glycerophosphates: discussion of assay methods for ferric glycerophosphate and manganese glycerophosphate. *J. Am. Pharm. Ass.*, 1936, 25: 985-9.

Ionesco-Matiu, A., & Popesco, A. Le dosage des ions phosphorique et glycérophosphorique par la méthode mercurimétrique. *Bull. Soc. chim. France*, 1932, 4. ser., 51: 52: 769-72.

Karrer, P., & Salomon, H. Note concerning the α - and β -glycerophosphates. *J. Biol. Chem.*, 1931, 93: 407.

Kay, H. D. Note concerning the α - and β -glycerophosphates; a reply to Karrer and Salomon. *Ibid.*, 409.

Also repr.—Maestro, L., & Castaldi, L. Il glicerofosfato sodico sinistrotiro. *Arch. farm. sper.*, 1915, 19: 352-66.

Meyerhof, O. Ueber die Dioxycetonphosphorsäure als Zwischenprodukt bei der Aufspaltung des phosphorylierten Zuckers. *In Probl. biol. med.* (Leontovich, A. V.) Moskva, 1935, 603-8.

— Sur l'isolement de l'acide 3-glycéraldéhyde phosphorique biologique au cours de la dégradation enzymatique de l'acide hexose diphosphorique. *Bull. Soc. chim. biol.*, Par., 1938, 20: 1033-42.

Kiessling, W. Ueber die Isolierung der isomeren Phosphoglycerinsäuren (Glycerinsäure-2-Phosphorsäure und Glycerinsäure-3-Phosphorsäure) aus Gäransätzen und ihr enzymatisches Gleichgewicht. *Biochem. Zschr.*, 1935, 276: 239-53.

Negelein, E., & Brömel, H. R-Diphosphoglycerinsäure, ihre Isolierung und Eigenschaften. *Ibid.*, 1939-40, 303: 132-44.

Neuberg, C., & Schuchardt, W. Weiteres über kristallisierte und gelatinöse Salze der Phosphoglycerinsäuren. *Ibid.*, 1935, 280: 293-6.

Neuberg, C., Weinmann, F., & Vogt, M. Synthese von Glycerinsäure-mono-phosphorsäure. *Ibid.*, 1928, 199: 248-52.

Ostern, P., & Guthke, A. J. Ueber die Darstellung der Phosphoglycerinsäure. *Zschr. physiol. Chem.*, 1937, 248: 155-8.

Rae, J. J., Kay, H. D., & King, E. J. Glycerophosphoric acid; the recognition and separation of α - and β -glycerophosphates. *Biochem. J.*, Lond., 1934, 28: 143-51.

Rapport, S. Ueber eine stufenphotometrische Modifikation der Phosphoglycerinsäurebestimmung. *Biochem. Zschr.*, 1937, 291: 429-32.

Schäffner, A., & Bauer, E. Enzymatische Bestimmungsmethode von α -Glycerophosphat in Gemischen mit β -Glycerophosphat. *Zschr. physiol. Chem.*, 1935, 232: 64.

Schuchardt, W., & Vercellone, A. Weiteres über das Verhalten von Mono- und Di-phosphoglycerinsäure gegenüber Hämolytaten und Organen. *Biochem. Zschr.*, 1934-35, 275: 261.

Fortgesetzte Untersuchungen über den biochemischen Abbau der Di-phosphoglycerinsäure. *Ibid.*, 1935, 276: 280-8.

Weitere Vereinfachung der Darstellung von d (-) 3-Phosphoglycerinsäure. *Ibid.*, 280: 161-2.

Vogt, M. Ueber Glycerinsäure-mono-phosphorsäure. *Ibid.*, 1929, 211: 1-16.

Pharmacology.

Boggian, B. L'azione del glicerofosfato di sodio ad alte dosi sulle artropatie croniche. *Rass. clin. ter.*, 1938, 37: 20-33.

Deuticke, H. J., & Wagner, H. Ueber das Vorkommen und das Schicksal der Phosphoglycerinsäure im Herzmuskel. *Zschr. physiol. Chem.*, 1938, 254: 29-38.

Donatelli, L., & Pratesi, P. Ricerche farmacologiche sul glicerofosfato di sodio e di tetrametilammonio. *Boll. Soc. ital. biol. sper.*, 1937, 12: 349.

Ferrey, G. J. W. The determination of phosphorus in phosphate, hypophosphite and glycerophosphate syrups. *Quart. J. Pharm.*, Lond., 1934, 7: 346-53.

Levi, M. Azione delle forti dosi di glicerofosfato di sodio sull'equilibrio elettrolitico e sull'attività fosfatase del siero umano. *Poli-clinico*, 1938, 45: sez. med. 61-85.

Nobili, G. Sulla preparazione delle fiale di glicerofosfato di calcio neutro officinale col sussidio del calore. *Boll. chim. farm.*, 1936, 75: 97-103.

Parry, F. T. *Syr. glycerophosph.* co. (A. P. F.) Australas. *J. Pharm.*, 1925, n. ser., 6: 15.

L. Ricerche farmacologiche sul glicerofosfato di sodio e tetrametilammonio. *Arch. fisiol.*, Fir., 1937, 37: 422-48.

GLYCEROSE.

See Carbohydrates, Types: Monosaccharides: 3-oses.

GLYCIDE [and glycidic acid]

Fourneau, E., & Billeter, J. R. Amides d'acides glycidiques doués de propriétés hypnotiques; étude de la réaction Claisen-Darzens. *Bull. Soc. chim. France*, 1939, 5. ser., 6: 1616-25.

Massobrio, E., & Boccuzzi, G. Rapporti fra ricambio idrosalino e ricambio glicidico; l'influenza del carico di cloruro sodico sulla prova di Radoslow. *Gior. Accad. med. Torino*, 1938, 101: 423-7.

GLYCINE.

See also Amino acids.

Aberdalden, E., & Neumann, A. Verwendung des Orthophthalaldehyd-Reagens nach Walther Zimmermann zum Nachweis kleiner Mengen von Glykokoll zur Bestimmung seiner Stellung in Polypeptiden. *Zschr. physiol. Chem.*, 1936, 238: 177-82.

Aminoacetic acid. *J. Am. M. Ass.*, 1935, 104: 1239-41.

Brecht, K., & Grundmann, G. Glykokollbestimmungen in Nahrungsmitteln. *Biochem. Zschr.*, 1939, 302: 42-9.

Cann, J. Y. Glycine in water solution. *J. Phys. Chem.*, 1932, 36: 2813-6.

Griffith, W. H. Benzoylated amino acids in the animal organism; a method for the investigation of the origin of glycine. *J. Biol. Chem.*, 1929, 82: 415-27.

Henri, V., Weizmann, C., & Hirschberg, V. Action des rayons ultra-violet sur la glycocolle. *C. rend. Acad. sc.*, 1934, 198: 167-70.

Kawai, S. Der Einfluss der Neutralsalze auf das Potential von Glykokollösungen gegen die Wasserstoffelektrode. *J. Biochem.*, Tokyo, 1926, 6: 101-15.

Klein, G., & Linser, H. Colorimetrische Methode zur quantitativen Bestimmung von Glykokoll. *Zschr. physiol. Chem.*, 1932, 205: 251-8.

Lieben, F., & Molnár, S. Ueber das Verhalten der Kombination Glykokoll/Alkohol gegenüber mit Sauerstoff geschüttelter Hefe. *Biochem. Zschr.*, 1935, 277: 165-70.

Mehl, J. W., & Schmidt, C. L. A. The conductivities of aqueous solutions of glycine, d, l-valine, and l-asparagine. *J. Gen. Physiol.*, 1934-35, 18: 467-79.

Mitchell, P. H., & Greenstein, J. P. Electrometric determinations of the dissociation of glycocoll and simple peptides. *Ibid.*, 1930-31, 14: 255-75.

Also repr.—Norman, M. F. The oxidation of amino-acids by hypochlorite; glycine. *Biochem. J.*, Lond., 1936, 30: 484-96.

Patton, A. H. The determination of glycine in proteins. *J. Biol. Chem.*, 1935, 108: 267-72.

Also repr.—Przylecki, S. J. von, Kolaczekowska, M., & Giedroyc, W. Ueber Darstellung und Eigenschaften des nichtdissoziierten Glykokolls. *Biochem. Zschr.*, 1938-39, 300: 128-35.

Rapport, S. Ueber eine Bestimmung der Summe von Glykokoll und Serin. *Ibid.*, 1935, 281: 30-6.

Sano, K. Ueber die Löslichkeit des Glykokolls in wässriger und in alkoholisch-wässriger Lösung bei variierter Wasserstoffzahl. *Ibid.*, 1926, 171: 277-86.

Simmers, M. H. X-ray diffraction spectra of glycine. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 527-9.

Town, B. W. The micro-determination of glycine in protein hydrolysates. *Biochem. J.*, Lond., 1936, 30: 1833-6.

Zappacosta, M. Un metodo indiretto per svelare quantità minime di glicocolle. *Diagn. tecn. lab.*, Nap., 1931, 2: 753-66.

Zimmermann, W. Ueber den Nachweis kleiner Mengen Glykokoll. *Zschr. physiol. Chem.*, 1930, 189: 4-6.

Zum Eiweissproblem; Versuche über den Nachweis der freien Aminogruppe endständigen Glykokolls. *Ibid.*, 1935, 231: 19-24.

Derivatives [Glycyls]

See also Alanine; Asparagine; Betaine; Glycocholic acid.

Aberdalden, E., & Baertich, E. Beitrag zur Kenntnis der Desaminierung von Glykokoll durch Omega. Fermentforschung, 1936-37, 15: 342-7.

Abderhalden, E., & Sichel, H. Mischkrystalle, bestehend aus 2 Molekülen Glykokoll beziehungsweise 2 Molekülen Alanin, vereinigt durch je 1 Molekül Salzsäure. *Zschr. physiol. Chem.*, 1924, 135: 29-31.

Bergmann, M., & Fox, S. W. Complex salts of amino acids and peptides; metal complex salts of glycine and their specificity. *J. Biol. Chem.*, 1935, 109: 317-24.

Blanchetière, A. Sur un produit résultant de l'action de la pepsine sur la glycine. *C. rend. Acad. sc.*, 1933, 196: 1926.

Brdicka, R. The kinetics of the reaction which takes place between iodoacetic acid and glycine. *J. Gen. Physiol.*, 1935-36, 19: 843-66.

Also repr.—Egami, M. F. Désamination bactérienne du glycocolle. *Bull. Soc. chim. biol.*, Par., 1938, 20: 301-4.

Fodor, A., & Frankel, M. Synthetische Methoden zur Darstellung von Aminosäureadsorbaten; die Einwirkung von Aluminiumamalgam auf Formylglykokoll. *Zschr. physiol. Chem.*, 1926, 159: 133-49.

Fuseya, G., & Murata, K. Formation of complex cations of metal ions with glycocoll. *J. Phys. Chem.*, 1930, 34: 2001-12.

Griffith, W. H. Benzoylated amino acids in the animal organism; the synthesis of glycine and of hippuric acid in rats. *J. Biol. Chem.*, 1930,

85: 751-8.—Henri, V., Weizmann, C., & Hirschberg, Y. Décomposition photochimique du glycocole; influence du milieu et de la longueur d'onde. C. rend. Acad. sc., 1934, 199: 1205-7.—Hoppe-Seyler, F. A., & Schmidt, W. Zur Kenntnis des γ -Butyrobisäuren. Zschr. Biol., 1927-28, 87: 69-71.—Hugouenq, L., Florence, G., & Couture, E. Contribution à l'étude des acides aminés; condensation du glycocole. Bull. Soc. chim. biol., Par., 1924, 6: 672-6.—Jacobs, W. A., & Heidelberger, M. On N-phenylglycinamide-p-arsonic acid. J. Pharm. Exp. Ther., 1919-20, 14: 501.—Janke, A., & Tayenthal, W. Probleme des Stickstoffkreislaufes; über den Abbau des Glykokolls durch Bakterien. Biochem. Zschr., 1936-37, 289: 76-86.—Kisch, B. Die Omegakatalyse der oxydativen Glykokollspaltung; neue Untersuchungen. Ibid., 1931, 236: 380-6.—Leibowitz, J. Die Omegakatalyse der oxydativen Glykokollspaltung. Ibid., 1930, 220: 370-7.—Linderstrom-Lang, K., & Sato, M. Die Spaltung von Glycylglycin, Alanylglycin und Leucylglycin durch Darm- und Malzpeptidasen. Zschr. physiol. Chem., 1929, 184: 83-92.—Loring, H. S., & Du Vigneaud, V. The synthesis of crystalline cystinylglycine and benzylesteinyglycine and their isolation from glutathione. J. Biol. Chem., 1935, 111: 385-92. Also repr.—Mori, H. Studien über die Glycinebenzoylase. J. Biochem., Tokyo, 1939, 29: 225-40.—Pearce, L., & Brown, W. H. Some aspects of the biological action of N-phenyl-glycine-amide-p-arsonic acid. J. Pharm. Exp. Ther., 1919-20, 14: 502-4.—Sanborn, I. H. A study of glycine anhydride. J. Phys. Chem., 1932, 36: 1799-830.—Weatherby, J. H., & Hulpieu, H. R. Some pharmacological actions of glycine-ethyl-ester hydrochloride. J. Pharm. Exp. Ther., 1934, 50: 61-9.

Derivatives: Glycyl glycine.

Abderhalden, E., & Haas, R. Ein Reaktionsprodukt aus Glycyl-glycin. Zschr. physiol. Chem., 1926, 153: 147-9.—Abderhalden, E., & Schwab, E. Ueber die Gewinnung einer kolloiden Substanz aus Diglycylglycinmethylester. Ibid., 1927, 164: 271-3.—Dunn, M. S., Butler, A. W., & Deakers, T. The synthesis of glycylglycine. J. Biol. Chem., 1932, 99: 217-20.—Wessely, F., & Komm, E. Zur Kenntnis der isomeren Glycyl-glycin-N-carbonsäuren. Zschr. physiol. Chem., 1928, 174: 306-18.—Zunz, E. Recherches sur l'action de la diglycylglycine, de la tétraglycylglycine et du sérum de cheval chez des lapins soumis au préalable à des injections de tétraglycylglycine. Arch. internat. physiol., Liège, 1914-20, 15: 179; 192.

Metabolism.

HANSEN, A. P. *Untersuchungen über den Mechanismus der Glykokollwirkung auf den Blutzucker [Kiel] 11p. 8°. Gütersloh, 1936.

JÖLLENBECK, G. A. *Untersuchungen über den Einfluss von Glykokoll auf den Blutzucker [Kiel] 15p. 8°. Gütersloh, 1936.

SCHMIDT, R. [C. H.] *Die Wirkung des Glykokolls auf die Diurese und den Blutzuckerspiegel. 35p. 21cm. Bresl., 1937.

SCHULTHEISS, C. *Ueber die Verwertung von Glykokoll im endogenen Eiweißstoffwechsel bei weissen Ratten. 16p. 21cm. Jena, 1938.

Abbott, L. D., jr., & Lewis, H. B. Comparative studies of the metabolism of the amino acids; glycine precursors; availability of N-methyl-glycine, N, N-dimethylglycine, and betaine for the synthesis of hippuric acid by the rabbit. J. Biol. Chem., 1939, 131: 479-87. Also repr.—Adams, M., Power, M. H., & Boothby, W. M. The influence of glycine on the excretion of creatine and creatinine. Am. J. Physiol., 1935, 111: 596-610.

Studies of the urine at hourly intervals after the administration of glycine. Ibid., 1937, 118: 562-8.—Bach, S. J. Experiments on the metabolism of glycine. Biochem. J., Lond., 1939, 33: 90-109.—Beard, H. H., Espenan, J. K., & Pizzolato, P. The effect of the ingestion of glycine, with and without urea, upon creatine-creatinine excretion in the rat and man. Am. J. Physiol., 1939, 127: 716-21.—Bornstein, A., & Reese, H. F. Ueber die Beeinflussung des Sauerstoffverbrauches überlebender Organe durch Glykokoll (Untersuchungen zur Frage der spezifisch-dynamischen Wirkung des Glykokolls) Arch. ges. Physiol., 1929, 223: 498-508.—Bufano, M. Il comportamento della aminoacidemia dopo iniezione endovenosa di glicocolla nei vari stati funzionali del fegato. Riv. clin. med., 1928, 29: 799; 851.—Butts, J. S., Dunn, M. S., & Hallman, L. F. Studies in amino acid metabolism; fate of glycine, dl-alanine, and d-alanine in the normal animal. J. Biol. Chem., 1935-36, 112: 263-74. Also repr.—Crandall, L. A., jr., & Cherry, I. S. The effects of insulin and glycine on hepatic glucose output in normal hypophysectomized adrenal denervated, and adrenalectomized dogs. Am. J. Physiol., 1939, 125: 658-73.—Dakin, H. D. Experiments bearing upon the mode of oxidation of simple aliphatic substances in the animal organism (acetic acid, glycollic acid, glyoxylic acid, oxalic acid, glycooll and glycol) J. Biol. Chem., 1907-8, 3: 57-79.—Griffith, W. H. The influence of protein metabolism on the synthesis of glycine. Ibid., 1934, 105: p. xxxiii.—Lintzel, W., & Bertram, W. Experimentelle Studien zur Theorie des Eiweißstoffwechsels; über die Verwertung von Glykokoll beim

Menschen. Biochem. Zschr., 1938, 297: 270-83.—Martin, M. F., & Corley, R. C. The excretion of allantoin and uric acid by the dog maintained on a purine-free diet and on a protein-free diet; the influence of the administration of glycine. J. Biol. Chem., 1934, 105: p. lviii.—Nord, F. The extra dextrose eliminated after intravenous and oral administration of glycine to phlorhizinized dogs. Sven. läk. säll. hand., 1931, 57: 274-81.—Olivetti, R., & Fedi, M. Il comportamento della glicemia dopo carico di glicocolla nel sano e nell'epatopaziente. Gior. Accad. med. Torino, 1938, 101: 382-6.—Paasch, G. Ueber die Wirkung des Glykokolls auf den Blutzucker. Biochem. Zschr., 1928, 197: 460-6. Also repr.—Rapport, D., & Katz, L. N. The effect of glycine upon the metabolism of isolated perfused muscle. Am. J. Physiol., 1927, 80: 185-90.—Reid, C. A comparison of the metabolic pathways of glycine and alanine. Biochem. J., Lond., 1939, 33: 723-5.—Reuter, A. Ueber den Einfluss von Glykokoll auf den Blutzucker, insbesondere bei Diabetes. Zschr. ges. exp. Med., 1934-35, 95: 217-27.—Shorr, E., Richardson, H. B., & Wolff, H. G. Endogenous glycine formation in myopathies and Graves' disease. Proc. Soc. Exp. Biol., N. Y., 1933, 31: 207-9.—Udeles, A. L., Polosukhina, T. A., & Schcherbatskaia, V. A. [Effect of glycooll on the level of pyrocollal acid and glycogen in the blood] Arkh. hiol. nauk, 1936, 41: 121-3.—Wiechmann, E. Ueber das Verweilen intravenös einverleibten Glykokolls in der Blutbahn. Verh. Deut. Ges. inn. Med., 1926, 38. Kongr., 312.—Zummo, C. Sull'azione dinamico-specifica degli alimenti; influenza della somministrazione di glicocolla sul metabolismo gassoso dei colombi. Boll. Soc. ital. biol. sper., 1933, 8: 365. Also Arch. fisiol., Fir., 1934-35, 34: 119-32.

Pharmacology.

RADERMACHER, G. *Zur Bestimmungsmethodik der spezifisch-dynamischen Wirkung; das Glykokoll als Testsubstanz für die quantitative Bestimmung der spezifisch-dynamischen Wirkung. 35p. 8°. [Bonn] 1935.

Boothby, W. M. The clinical effect of glycine in progressive muscular dystrophy, in simple fatigability, and on normal controls. Proc. Mayo Clin., 1934, 9: 600-3.—Costa, A., & Barone, V. G. Sugli effetti di iniezioni endovenose di glicocolla in sani e in diabetici. Boll. Soc. ital. biol. sper., 1931, 6: 21-4.—Eaton, E. G., & Gouaux, J. L. The specific dynamic action of glycine intravenously administered to nephrectomized dogs. J. Nutr., 1936, 12: 113-20. ——— & Cordill, S. C. The specific dynamic action of glycine intravenously administered to nephrectomized dogs. Am. J. Physiol., 1936, 116: 40.—Gros, W. Der Kreatin-Kreatininstoffwechsel bei spinaler Kinderlähmung und seine Beeinflussung durch Glykokoll; Reaktion der Kreatinurie auf Glykokoll. Zschr. klin. Med., 1933-34, 126: 152-60.—Hammett, F. S. The regeneration favoring activity of glycine. Protoplasma, Lpz., 1936-37, 27: 65-8.—Lewis, H. G., & Luck, J. M. The calorogenic action of glycine. J. Biol. Chem., 1933, 103: 227-33.—Leszczyński, R. J. Au sujet de l'influence du glycocole sur les contractions automatiques des muscles lisses. Arch. internat. pharm. dyn., Par., 1939, 61: 201-6.—McCoy, R. H., & Rose, W. C. The relation of glycine and serine to growth. J. Biol. Chem., 1937, 117: 581-8. Also repr.—Masai, Y., Mabuchi, H., & Fukuiwake, T. Beiträge zur Kenntnis der spezifisch-dynamischen Wirkung von Aminosäuren; über den Einfluss von Glucose auf die spezifisch-dynamische Wirkung des Glykokolls. Biochem. Zschr., 1935-36, 283: 159-68.—Milletti, M. Modificazione citologica della cellula epatica in seguito ad iniezione di glicocolla. Boll. Soc. ital. biol. sper., 1937, 12: 407.—Oehme, C. Zur Beurteilung antihypertensiver Wirkungen, insbesondere des Glykokolls. Deut. med. Wschr., 1937, 63: 1574-6.—Petri, A. Ueber die Geschmacksreizwirkung des Glykokolls. Zschr. Psychol. Physiol. Sinnesorg., 2. Abt., 1935, 66: 137-45.—Re, P. M. Rôle des divers organes dans la fixation du glycocole injecté dans le sang. C. rend. Soc. hiol., 1930, 103: 1273-5.—Richards, M. M. The effect of glycine upon the activity coefficient of glycine, egg albumin, and carboxy-hemoglobin. J. Biol. Chem., 1937-38, 122: 727-43. Also repr.—Severi, R., & Pegreff, E. Sul potere anafilattico della glicocolla. Biochem. tr. sper., 1933, 20: 14-21.—Smith, E. R. B., & Smith, P. K. The activity of glycine in aqueous solution at 25 degrees. J. Biol. Chem., 1936-37, 117: 209-16. Also repr.—Versari, A. Ricerche sperimentali sulla azione svenelatrice della glicocolla per gli arsenobenzoli. Riforma med., 1937, 53: 1443-5.—Williger, J. Fütterungsversuch an Milchziegen mit Glykokoll als Eiweißersatz. Biochem. Zschr., 1927, 180: 156-92.—Zemplén, B. Ueber die Veränderungen der diffusiblen Aminosäuren im Blute nach intravenöser Injektion von Glykokoll. Zschr. klin. Med., 1936-37, 131: 740-6.

Therapeutic, and diagnostic use.

See also Liver, Functional tests; Myasthenia, Treatment, &c.

PARASKEVAS, T. *Ueber die Bedeutung der Glykokollbelastung als Leberfunktionsprüfung [München] 23p. 8°. Speyer a. Rh., 1936.

Erf, L. A., & Rhoads, C. P. The glycine tolerance test in sprue and pernicious anemia. J. Clin. Invest., 1940, 19: 409-21.—Faure-Beaulieu, M., & Wahl, R. A propos du traite-

ment des myopathies par le glycocolle. Paris méd., 1933, 89: 448-52.—**Michel, R.** L'injection intra-veineuse de glycocolle comme test hépatique. Rev. belge sc. méd., 1936, 8: 161-9.—**Teregulov, G. N.** [Examination of the function of the liver by means of glycocoll overcharge] Ter. arkh., 1937, 15: 804-19.—**Thomas, K.** Glykokoll in der Therapie. Deut. med. Wschr., 1934, 60: 558-60.—**Udeles, A. L., & Devirtz, A. P.** [Therapeutic application of glycocol in dermatology] Vest. venger., 1938, No. 5, 50-5.—**Urechia, C. L., & Retezeanu, A.** Le glycocolle dans 2 cas de myopathie et un cas de myasthénie; l'opothérapie surrénale et l'extrait tubérien dans la myasthénie. Presse méd., 1934, 42: 1275.

GLYCININE.

Gray, J. S. Dextrose yield of glycinin. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 144.—**Hartman, R. J., & Cheng, L. T.** Isoelectric point of glycinin. J. Phys. Chem., 1936, 40: 453-9.—**Leontjew, H., & Znamenskaja, M.** Methoxylirtes Glycinin als Antigen. Biochem. Zschr., 1934, 270: 116-9.

GLYCIPHAGUS.

See Mite.

GLYCOBACTER.

Dutour. Les ferments amylolytiques vivants à forme sporulée; glycobacter. J. diét., Par., 1912, 3: 134. — A propos de l'emploi du glycobacter. Ibid., 162.

GLYCOCHOLIC acid.

See also Bile acids.

Baltaceanu, G., & Vasiliu, C. Le glycocholate de sodium et les zones réflexogènes sino-carotidiennes. C. rend. Soc. biol., 1934, 116: 550-2.—**& Gheorghievici, R.** Recherches sur l'action du glycocholate de sodium. Ibid., 548-50.—**Bang, H., & With, C.** [Negative reaction with sodium glycocholate] Ugeskr. læger, 1913, 75: 1981-8.

GLYCOCOLL.

See Glycine.

GLYCOCYAMINE.

Beard, H. H., & Espenan, J. K. The synthesis of glyco-cyamine and creatine from amino acids, urea, and cyanamide. J. Biol. Chem., 1940, 133: Proc., 9. Also Enzymologia, Haag, 1940, 8: 241-51.—**Borsook, H., & Dubnoff, J. W.** The formation of creatine from glyco-cyamine in the liver. J. Biol. Chem., 1940, 132: 559-74. Also repr.—**Davenport, H. W., & Fisher, R. B.** Improved determination of glyco-cyamine. Biochem. J., Lond., 1938, 32: 602-6.—**Ginsberg, A. M., & Stotland, O. O.** The effect of glyco-cyamine on the coronary circulation. J. Pharm. Exp. Ther., 1931, 41: 195-208.—**Greenberg, L. A., & Henderson, Y.** The effect of glyco-cyamine upon respiration. Am. J. Physiol., 1936, 116: 65.—**Karashima, J.** Ueber die Glykocynamase. Zschr. physiol. Chem., 1928, 177: 42-6.—**Major, R. H., & Weber, C. J.** The effects of glyco-cyamine and glyco-cyamidine on the blood pressure. Bull. Johns Hopkins Hosp., 1928, 42: 207-12.—**Weber, C. J.** Isolation of glyco-cyamine from urine. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 172-4.

GLYCOGEN.

See also Carbohydrates, Types: Polysaccharides.

ROCHA, A. A. DA. *Estudos sobre o amydo animal. 96p. 8°. Coimbra, 1876.

Sahyun, M. Studies on glycogen. Abstr. Diss. Stanford Univ., 1930-31, 6: 3-5.—**Sikinami, Y., Hosokawa, H., & Oba, M.** Ueber das Lymph- und Blutglykogen. Tohoku J. Exp. M., 1940, 38: 371-9.

Biological aspect.

BRAULT, A. Le glycogène dans le développement des tumeurs des tissus normaux et des êtres organisés; physiologie normale et pathologique 367p. 8°. Par., 1930.

GOUY, A. *L'intervention du glycogène dans les oxydations biologiques. 45p. 8°. Par., 1930.

ALOISI, M. Studio sistematico sul glicogeno in Cavia cobaya durante lo sviluppo. Arch. ital. anat., 1934-35, 32: 25-109.—**BIERRY, H.** A propos des réserves de glycogène et de leur rôle physiologique. C. rend. Soc. biol., 1928, 98: 1387-9.—**CAMPBELL, D. H.** Precipitin tests with glycogen from various species of animals. Proc. Soc. Exp. Biol., N. Y., 1937-38, 36: 511.—**COREY, E. L.** Growth and glycogen content of the fetal liver and placenta. Am. J. Physiol., 1935, 112: 263-7.—**FAROY, G.**

Le glycogène dans le développement des tumeurs, des tissus normaux et des êtres organisés. Rev. crit. path. thér., 1931, 1: 943-7.—**MANGILI, C.** Glicogeno polmonare e maturità fetale. Arch. ital. anat., 1931, 2: 1007-24, 2 pl.—**PRETO, V.** Sull'azione morfogenetica del glicogeno embrionale nello sviluppo delle vie digerenti. Boll. Soc. ital. biol. sper., 1937, 12: 212.—**SZÜLE, D.** [The importance of glycogen in glandular tissue] Magy. orv. arch., 1928, 29: 56-67.—**UHLIENHUTH, P., & REMY, E.** Versuche mit Aluminiumhydroxydadsorbaten von Glykogen, Reissstärke und Zulkowski-Kartoffelstärke. Zschr. Immunforsch., 1938, 92: 171-9.

— blood.

See Blood sugar, Types: Glycogen.

— Chemistry.

BAUER, E., Euler, H. von, & Lundberg, K. Versuche zum phosphorylierenden Abbau des Glykogens. Zschr. physiol. Chem., 1938, 255: 89-103.—**BELL, D. J.** Liver glycogen; the molecular units of fish and rabbit glycogens. Biochem. J., Lond., 1935, 29: 2031-5. — The molecular structure of glycogen from the whole tissues of *Mytilus edulis*. Ibid., 1936, 30: 2144. — Length of saccharide chains in glycogens from different sources. Nature, Lond., 1936, 138: 289.—**BROOKENS, N.** Eine neue Bestimmung der Verbrennungswärme des Glykogens. Biochem. Zschr., 1933, 260: 446-50.—**CAMPBELL, D. H.** The separation of glycogen into two fractions. J. Biol. Chem., 1937, 119: Proc., p. xvii.—**DOKAN, S.** Der Einfluss der Elektrolyte auf das Glykogensol und die Entstehung und die Umkehrung der Hofmeister'schen Ionenreihen. Kolloid Zschr., 1925, 37: 283-96.—**HASSID, W. Z., & CHAIKOFF, I. L.** The molecular structure of liver glycogen of the dog. J. Biol. Chem., 1938, 123: 755-9. Also repr. — Phosphorylation of glycogen in vitro. Science, 1938, 88: 15.—**HUGOUNENQ, L., & LOISELEUR, J.** L'adsorption élective dans oxydes métalliques et leur auto-réduction en présence du glycogène. Bull. Soc. chim. biol., Par., 1932, 14: 1011-5.—**KERLY, M.** The solubility of glycogen. Biochem. J., Lond., 1930, 24: 67-76.—**KISHIMOTO, T.** Physikalisch-chemische Untersuchung des Glykogens. Mitt. Med. Akad. Kioto, 1931, 5: 55.—**LOISELEUR, J.** Evolution et insolubilisation du glycogène sous l'action de l'acide formique. C. rend. Soc. biol., 1932, 109: 1321.—**OAKLEY, H. B., & YOUNG, F. G.** The osmotic pressure of glycogen solutions. Biochem. J., Lond., 1936, 30: 568-76.—**PARNAS, J. K., & BARANOWSKI, T.** Sur les phosphorylations initiales du glycogène. C. rend. Soc. biol., 1935, 120: 307-10.—**RATHERY, F., GIBERT, S., & LAURENT, Y.** Etude sur la glycogénèse. Bull. Soc. chim. biol., Par., 1932, 14: 327-68.—**REICH, W. S.** Sur le triacétate du glycogène. C. rend. Acad. sc., 1932, 195: 1029-31.—**SCHÄFFNER, A., & SPECHT, H.** Ueber die Phosphorylierung von Glykogen durch Hefeauszüge. Zschr. physiol. Chem., 1938, 251: 144-54.

— Determination.

See also subheading Histochemistry.

BIERRY, H., GOUZON, R., & MAGNAN, G. Microdosage rapide du glycogène dans le foie. C. rend. Soc. biol., 1936, 121: 614-6.—**BRAND, T. von.** A rapid working micro-modification of Pflüger's glycogen method. Skand. Arch. Physiol., Berl., 1936, 75: 195-8.—**GOOD, C. A., KRAMER, H., & SOMOGYI, M.** The determination of glycogen. J. Biol. Chem., 1933, 100: 485-91. Also repr.—**GUEST, M. M., & RAWSON, R. A.** The standardization of animals for glycogen determinations. Am. J. Physiol., 1939, 126: 515.—**HÉDON, L., & LOUBATIÈRES, A.** Dosage du glycogène dans de petits fragments de foie excisés au bistouri électrique; degré de précision de la technique; répartition du glycogène dans le foie du chien. Bull. Soc. chim. biol., Par., 1938, 20: 910-22.—**MAMELI CALVINO, E.** Sulla differenziazione del glicogeno dalla destrina specialmente nella ricerche di microchimica vegetale. Riv. biol., 1923, 5: 486-96.—**OSTERBERG, A. E.** The estimation of glycogen in small amounts of tissue. J. Biol. Chem., 1929-30, 85: 97-108. Also repr.—**ROQUES, H.** Sur un nouveau procédé de recherche du glycogène. C. rend. Soc. biol., 1926, 95: 575.—**SAHYUN, M.** The determination of glycogen. J. Biol. Chem., 1933, 103: 203-8.—**STORSE, A.** Microdosage du glycogène. C. rend. Soc. biol., 1927, 97: 1810-2.

— Glycogenesis.

See also subheading Metabolism.

PFLEGER, A. *Kritische Untersuchungen über die angebliche Entstehung von Glykogen aus Eiweiss [Bern] 42p. 8°. Borna-Lrz., 1911.

BERNARD, C. Sulla glicogenesia animale. Gior. farm. chim., 1873, 22: 32-5.—**CORI, C. F., & CORI, G. T.** Glycogen formation in the liver from d- and l-lactic acid. J. Biol. Chem., 1929, 81: 389-403.—**EMSLIE, A. R. G., & HENRY, K. M.** Glycogen formation in the fowl. Biochem. J., Lond., 1933, 27: 705-10.—**FRANK, A.** Ueber die experimentelle Erzeugung von Kernglykogen. Verh. Deut. path. Ges., 1925, 20: 195-200, pl.—**GREISHEIMER, E. M., & JOHNSON, O. H.** Glycogen formation in rats; diets containing approximately 87 percent of the total caloric value in the form of sucrose, lard, and casein, respectively.

J. Nutrit., 1930-31, 3: 297-302.—Hodgson, T. H. The relation of lactic acid and alanine to glycogen formation. *Biochem. J.*, Lond., 1933, 27: 1157-62.—Horne, E. A., & Magee, H. E. Glycogen synthesis in the small intestine. *J. Physiol.*, Lond., 1933, 78: 288-94.—Kiessling, W. Ueber den das Glykogen phosphorylierenden Fermentproteinkomplex und eine enzymatische, reversible Glykogensynthese. *Biochem. Zschr.*, 1939, 302: 50-72.—Lang, K. Ueber Glykogenbildung in der Darmwand. *Ibid.*, 1928, 200: 90-4.—Loeper, M. La conception de Braut sur la glycogénèse; fonction cellulaire générale. *Progr. méd.*, Par., 1931, 1906.—Pi-Suñer Bayo, C., & Folch Pi, J. Die Glykogensynthese aus Milchsäure in der Leber in vitro. *Biochem. Zschr.*, 1931, 242: 306-15. Also *C. rend. Soc. biol.*, 1932, 110: 212.—Sano, S. Ueber die Glykogenbildung im Fettgewebe. *Tr. Jap. Path. Soc.*, 1927, 17: 176; 1928, 18: 205.—Schwartz, L. S. [Place of formation of the main reserve of glycogen in carbohydrate diet] *Ark. biol. nauk*, 1932, 32: 68-72.—Stöhr, R. Beiträge zur Frage der Glykogenbildung aus niederen Fettsäuren mit gerader Kohlenstoffanzahl; Versuche über Glykogenbildung aus normaler Buttersäure. *Zschr. physiol. Chem.*, 1933, 220: 27-33. — Zur Frage der Glykogenbildung aus Dicarbonsäuren. *Klin. Wschr.*, 1938, 17: 1663.—Vendég, V. Glykogenbildung aus Buttersäure und Acetonurie. *Arch. ges. Physiol.*, 1938, 240: 561-72.—Wajzer, J. Sur la formation et la décomposition du glycogène protéidique en relation avec les mutations du glycogène libre; dosage du glycogène-protéide; modalités de sa décomposition; influence de l'excitation électrique et d'agents pharmacologiques; son rôle dans la synthèse du glycogène. *Bull. Soc. chim. biol.*, Par., 1939, 21: 1242-53. — Formation d'un glycogène-protéide au cours de la synthèse du glycogène. *C. rend. Soc. biol.*, 1939, 130: 1119.

Glycogenolysis.

See also subheading Metabolism.

FRANZ, G. *Ueber den Einfluss von Glukose auf den anaeroben und oxydativen Glykogenabbau [Münster] 23p. 8° Werne-Lippe, 1934.

ZENS, F. W. *Ueber die Bedeutung der Phosphoglycerinsäure für die Glykolyse in der Leber. 33p. 20¹/2cm. Bonn, 1938.

Bancroft, G., & Fry, E. G. Adsorption and hydrolysis of glycogen. *J. Biol. Chem.*, 1933, 100: 255-65.—Barbour, A. D. Enzymatic hydrolysis of glycogen. *Ibid.*, 1929-30, 85: 29-45.—Cannon, W. B. Evidence regarding the control of hepatic glycogenolysis. *Am. J. M. Sc.*, 1940, 199: 98-102.—Carruthers, A. The hydrolysis of glycogen by muscle and liver extracts. *J. Biol. Chem.*, 1935, 108: 535-45. Also repr.—Deuticke, H. J., & Zens, W. Ueber die Glykolyse in der Leber. *Zschr. physiol. Chem.*, 1938, 251: 233-57.—Euler, H. von, Myrbäck, K., & Karlsson, S. Enzymatischer Abbau und Aufbau der Kohlehydrate; Phosphatumsatz und Glykogenspaltung in Muskel und Hefe. *Ibid.*, 1925, 143: 243-64.—Gottschalk, A. Aufbau und Vergärung von Glykolyse durch maltasefreie Hefe. *Ibid.*, 1926, 152: 132-5.—Hertz, W. Der postmortale Glykogenschwund in der Leber von menschlichen Neugeborenen und Fetus. *Zschr. Kinderh.*, 1933, 55: 410-20.—Lippmann, B., & Wajzer, J. Sur une modification du rapport entre la glycogénase anaérobie et la formation d'acide lactique. *C. rend. Soc. biol.*, 1937, 124: 538.—Lohmann, K. Ueber die Hydrolyse des Glykogens durch das diastatische Ferment des Muskels. *Biochem. Zschr.*, 1926, 178: 444-61.—Lohmann, R. Ueber das Verhalten des Fermentes der Milchsäuregärung beim Glykogenzerfall. *Arch. exp. Path.*, Berl., 1936, 182: 239-42. — Gasstoffwechsel und Glykogenzerfall. *Klin. Wschr.*, 1937, 16: 1682-4.—Nollie, H. R. The effect of iodoacetate on post-mortem glycogenolysis in liver. *Q. J. Exp. Physiol.*, Lond., 1934-35, 24: 377-82.—Parnas, I. K. [Glycogenolysis] *Usp. sovrem. biol.*, 1940, 12: 393-446.—Rathery, F., Cosmulesco, I., & Traversé, P. M. de. Adrenaline et pouvoir glycogénolytique du sérum sanguin. *C. rend. Soc. biol.*, 1938, 128: 295.—Sahyun, M., & Alsberg, C. L. Studies on glycogen; the hydrolysis of glycogen in various concentrations of acids, and the hydrolysis of glycogen with takadiastase. *J. Biol. Chem.*, 1931, 93: 235-54. Also repr.—Seckel, H. P. G. The influence of various physiological substances on the glycogenolysis of surviving rat liver; methods; influence of the bile salts. *Endocrinology*, 1938, 23: 751-9. — The influence of insulin added in vitro. *Ibid.*, 760-6.—Shu, F. Studies on the glucose mobilization of toad's liver. *Jap. J. M. Sc.*, 1939-40, 12: *Proc. Pharm.*, 94.—Simpson, W. W., & Macleod, J. J. R. The immediate products of post-mortem glycogenolysis in mammalian muscle and liver. *J. Physiol.*, Lond., 1927-28, 64: 255-66.—Walker, A. M., & Young, F. G. The hydrolysis of glycogen by a glycerol extract of muscle. *Biochem. J.*, Lond., 1938, 32: 94-100.—Ziemke, H. Untersuchungen über den postmortalen Abbau des Leberglykogens nach künstlicher Anreicherung. *Zschr. ges. exp. Med.*, 1939, 106: 704-13.

hepatic.

See also Blood sugar, Regulation: Liver; Liver, Physiology.

BENECKE, G. *Variationsstatistische Untersuchungen über die Kerngrößen in den Leber-

zellen des Kaninchens bei verschiedenem Glykogengehalt. 15p. 8° Lpz., 1937.

FLEISCHHAUER, B. M. *Morphologische Untersuchungen über das Leberglykogen und die Beziehungen zwischen Glykogen und Fett in der menschlichen Leber [Bonn] 55p. 8° Alsdorf, 1931.

Abramson, H. A., Eggleton, M. G., & Eggleton, P. The utilization of intravenous sodium lactate; glycogen synthesis by the liver; blood sugar; oxygen consumption. *J. Biol. Chem.*, 1927, 75: 763-78.—Aubel, E., Reich, W. S., & Lang, F. M. Sur l'état du glycogène dans le foie. *C. rend. Acad. sc.*, 1938, 206: 777.—Barcillier, G., & Gajin, G. Contribution à l'étude de la charge histologique et chimique en glycogène des foies de chien perfusés. *Ann. anat. path.*, Par., 1938, 15: 426-34.—Bell, D. J., & Kosterlitz, H. Liver glycogen; acyl derivatives and regenerated glycogen. *Biochem. J.*, Lond., 1935, 29: 2027-30.—Bell, D. J., & Young, F. G. Observations on the chemistry of liver glycogen. *Ibid.*, 1934, 28: 882-9.—Bengolea, A. J., & Velasco Suárez, C. El glucógeno hepático y muscular, resultados obtenidos en biopsias seriadas. *Bol. Soc. cir. B. Aires*, 1939, 23: 432-42.—Bierry, H., & Goiran, L. Microdosage du glucose; application au dosage du glycogène hépatique. *C. rend. Soc. biol.*, 1928, 99: 253-5.—Bierry, H., & Gouzou, B. Microdosage du glycogène dans le foie. *Ibid.*, 186-8. — & Magnan, C. Evaluation comparative du glycogène hépatique par les méthodes cuprique et iodométrique. *Ibid.*, 1936, 121: 616-9.—Burghard, E., & Paffrath, H. Untersuchungen über den Glykogengehalt der Leber; kritische Untersuchungen über die Methodik der Glykogen- und Kohlehydratbestimmung der Leber. *Zschr. Kinderh.*, 1927, 45: 68-77. — Untersuchungen über den Glykogengehalt der menschlichen Leber im Moment des Todes. *Ibid.*, 78-92.—Carruthers, A. Determination of glycogen in liver tissue. *Chin. J. Physiol.*, 1931, 5: 85; 1934, 8: 77.—Crăciun, E. C. [Experimental study on glycogen in partial regeneration of the liver] *Rev. st. med.*, Bucur., 1929, 18: 649-84.—Cristol, P., Hédon, L. [et al.] Méthode permettant d'étudier parallèlement les variations de la teneur en glycogène et en lipides du foie par de multiples prélèvements chez un même chien. *C. rend. Soc. biol.*, 1927, 124: 637.—Deuel, H. J., jr, Gulick, M. [et al.] The comparative glycogen and fat content of the liver and muscles of rats and guinea pigs. *J. Biol. Chem.*, 1934, 104: 519-30.—Doljanski, L. Le glycogène dans les cultures de foie. *C. rend. Soc. biol.*, 1930, 105: 504-6.—Edelmann, H. Zur Lokalisation des Leberglykogens. *Klin. Wschr.*, 1927, 6: 1513-5.—Fopp, J. Untersuchungen über die Menge und Verteilung des Leberglykogens beim Neugeborenen. *Helvet. med. acta*, 1939, 6: 166-79.—Guelin-Schedrina, A. Fonction glycogénique du foie chez l'embryon de poulet. *C. rend. Soc. biol.*, 1936, 121: 144-6.—Hasama, B. Ueber die elektrischen Begleiterscheinungen der Glykogenmobilisation an der Leber. *Arch. exp. Path.*, Berl., 1936-37, 184: 632-44.—Holmquist, A. G. On the relationship between water and glycogen content of the liver. *Skand. Arch. Physiol.*, Berl., 1932-33, 65: 9-17.—Ikushima, T. The significance of the liver glycogen in the liver function. *Jap. J. Gastroenter.*, 1930, 2: 213-25.—Knaab, I. Reid Hunt-Reaktion und Leberglykogen. *Arch. exp. Path.*, Berl., 1933, 171: 65-72.—MacKay, E. M., & Bergman, H. C. The amount of water stored with glycogen in the liver. *J. Biol. Chem.*, 1934, 105: 59-62. Also repr.—Masumizu, Y. Ueber den Glykogengehalt der Cetaceenleber. *Jap. J. Med. Sc.*, 1927, 1: Tr., 163.—Olch, I. Y., Walton, F. E., & Scrivner, W. S. A method of interval determinations of liver glycogen in the same dog. *Proc. Soc. Exp. Biol.*, N. Y., 1930-31, 28: 774-6.—Ostern, P., Herbert, D., & Holmes, E. Formation and breakdown of glycogen in the liver. *Biochem. J.*, Lond., 1939, 33: 1858-78.—Otomo, Y., & Nagao, S. Eine einfache Methode, die Leber vollständig glykogenfrei zu machen. *Tohoku J. Exp. M.*, 1935, 25: 63-79.—Popper, H., & Wozasek, O. Zur Kenntnis des Glykogengehaltes der Leichenleber. *Wien. med. Wschr.*, 1929, 79: 456-8. Also *Virchows Arch.*, 1930-31, 279: 819-68. Also *Zschr. ges. exp. Med.*, 1932, 83: 682-710.—Rathery, F., & Traversé, P. M. de. Glycogène hépatique et glycémies après la mort. *C. rend. Soc. biol.*, 1938, 128: 737-9.—Rosenbaum, S. Untersuchungen über den Glykogengehalt der Leber. *Zschr. Kinderh.*, 1927-28, 45: 441 [Erweiterung von E. Burghard & H. Paffrath] 442.—Vaciara, F. Una modificazione del metodo di Bierry-Gruzewska per la determinazione del glucosio nel fegato. *Boll. Soc. med. chir.*, Pavia, 1936, 50: 865-78.—Walther, B. Die Entstehung und Bedeutung des Kernglykogens der Leber. *Schweiz. med. Wschr.*, 1938, 68: 866.

Histochemistry.

OESTERLEIN, F. *Ueber den histologischen Nachweis von Glykogen in der Kaninchenniere [München] 16p. 2 pl. 8° Erlangen, 1935.

Bensley, C. M. Comparison of methods for demonstrating glycogen microscopically. *Stain Techn.*, 1939, 14: 47-52.—Carruthers, A. The determination of glycogen in tissue. *Proc. Soc. Exp. Biol.*, N. Y., 1930-31, 28: 228.—Clementi, A. L'influenza disturbatrice di alcune sostanze d'importanza fisiologica sulla reazione colorata tra glucosio e jodio. *Arch. farm. sper.*, 1925, 40: 145.—Coutelen, F., & Cochet, G. Technique simple

- et rapide de détection histochemique du glycogène sur coupes par la réaction à l'iode. C. rend. Soc. biol., 1938, 128: 611-3.—**Dolfini, G.** A proposito del metodo Vastarini-Cresi per il glicogeno. Monit. zool. ital., 1929, 40: 123-7.—**Fischer, A.** Eine neue Glykogenfärbung. Anat. Anz., 1905, 26: 399.—**Heatley, N. G.** The distribution of glycogen in the regions of the amphibian gastrula; with a method for the micro-determination of glycogen. Biochem. J., Lond., 1935, 29: 2568-72.—**Jeffers, K.** Chemische Untersuchungen über die Glykogenfärbung nach Best. Biochem. Zschr., 1930, 223: 184-9.—**Kerr, S. E.** The carbohydrate metabolism of brain; the determination of glycogen in nerve tissue. J. Biol. Chem., 1936, 116: 1-7. Also repr.—**Kinoshita, R.** On the staining of glycogen. Tr. Jap. Path. Soc., 1928, 18: 211-3. pl.—**Loubatières, A.** Etude d'une technique de dosage du glycogène hépatique et musculaire sur des quantités minimales de tissu. C. rend. Soc. biol., 1937, 124: 699.—**May, F., & Kordowich, F.** Untersuchungen über den mikroskopischen Nachweis von Glykogen und Galaktogen und deren Trennung. Zschr. Biol., 1932, 93: 233-8.—**Morelli, G.** Critica dei metodi per la ricerca del glicogeno nei tessuti con qualche osservazione sull'epoca di comparsa del glicogeno nell'embrione di pollo. Monit. zool. ital., 1937-38, 48: 35-40.—**Nielsen, N. A., Okkels, H., & Stochholm-Borresen, C. C.** Détection histochemique du glycogène; comparaison avec la détermination microchimique; amélioration de la coloration à l'iode. Acta path. microb. scand., 1932, 9: 258-68.—**Pasteels, J., & Léonard, G.** Sur la détection du glycogène dans les coupes histologiques. Bull. histol. appl., Lyon, 1935, 12: 293-9.—**Pi Suñer, A.** Un método senzill per a la determinació quantitativa del glucògen en els teixits. Tr. Soc. biol. Barcel., 1918, 6: 43-7.—**Pi-Suñer Bayo, J.** Modificación micrométrica del método de Pi Suñer-Carrasco para la valoración del glucógeno en los tejidos. Tr. Inst. fisiol. Barcelona, 1929-30, 3: 340.—**Rojas, P., & Restia, L. S.** Nueva técnica histológica para el estudio del glucógeno. Rev. Soc. argent. biol., 1938, 14: 162.—**Sahyun, M.** Determination of glycogen in tissues. J. Biol. Chem., 1931, 93: 227-34.—**Shabadash, A. L.** Morphology of glycogen distribution and transformations; principles of fixation and staining of glycogen for micro- and macro-microscopic study. Bull. biol. méd. exp. URSS, 1937, 4: 13-6. [Morphology of glycogen distribution and transformations; conditions and technique of histochemical detection of glycogen] Ibid., 1939, 7: 257-61. Also Biull. eksp. biol. med., 1939, 7: 268-72.—**Sturm, A., & Eitner, H.** Ueber Beziehung des Gewebsjods zum Glykogen. Biochem. Zschr., 1936, 286: 204-12.—**Tanaka, H.** On the fixation and staining for microchemical detection of glycogen and supravital glycogen formation of liver cells of rabbits. Sei i kwai, 1927, 46: No. 10, 5. — **Nagakura, S.** Ueber die Forschungsmethoden des Glykogens im Gewebe. Ibid., 1934, 53: No. 585, 5-7.—**Velasco Suarez, C., & Carpinacci, A.** Determinación del glucógeno en los tejidos; a propósito de una modificación al método de Pfleger. Prensa méd. argent., 1934, 21: 2220-3.—**Voorhoeve, H. C.** La réaction microchimique du glycogène de Vastarini-Cresi. Arch. néerl. physiol., 1925, 10: 440-3.—**Wallraff, J., & Beckert, H.** Zur Frage der Spezifität des mikroskopisch-chemischen Nachweises von Glykogen und anderen Polysacchariden nach H. Bauer. Zschr. mikr. anat. Forsch., 1939, 45: 510-30.—**Yuien K.** Ueber die Färbung des Glykogens im tierischen Gewebe: Färbungsergebnisse des Glykogens mit basischen und sauren Teerfarbstoffen. Okayama igakkai zasshi, 1928, 40: 998. — Ueber die Karminfärbung des Glykogens, mit Berücksichtigung des gegenseitigen Verhältnisses der Kernsubstanz und des Glykogens bei der Färbung. Ibid., 1134.
- **Histology, and distribution.**
- See also names of tissues and organs.
- Borgbi, B.** Ulteriori ricerche sul glicogeno dell'adenocarcinoma del topo. Boll. Soc. ital. biol. sper., 1928, 3: 378-82.—**Freipohl, W., & Schmitz, A.** Untersuchungen über das relative Gewicht und den Glykogengehalt der Eierstöcke, Gebärmutter und Hoden bei Schlachtieren. Zschr. Geburtsh. Gyn., 1934, 108: 330-8.—**Chaigne, M.** Sur la répartition du glycogène dans les organes de la seiche. C. rend. Soc. biol., 1933, 114: 1103-5.—**Charit, A. J.** [Relation of abdominal wall and of the liver to glycogen based on experiments with blood from v. portae of dogs] Arkh. biol. nauk, 1926, 26: 255-8.—**Diamantopoulos, S.** Ueber das Vorkommen von Glykogen in den Nieren von Neugeborenen und von nicht genuin diabetischen Individuen, sowie über Glykogen im Fettgewebe und in den sogenannten glykogenfreien Organen. Krankheitsforschung, 1930, 8: 36-72, 2 pl.—**Harada, S.** Beiträge zur Glykogenforschung; über die Glykogenablagerung in Nierenbecken-, Ureter- und Blasenepithelien. Sei i kwai, 1928, 47: H. 11, 1. — Ueber die Glykogenablagerung im Lungengewebe. Ibid., 1929, 48: H. 9, 7.—**Havet, J.** Le glycogène dans les centres nerveux, vertébrés et invertebrés. Cellule, Louvain, 1937, 46: 179-92. pl.—**Kerr, S. E.** The carbohydrate metabolism of brain; isolation of glycogen. J. Biol. Chem., 1938, 123: 443-9. Also repr.—**Koide, T.** Vergleichende histologische Untersuchungen des Glykogens in verschiedenen Geweben. Tr. Jap. Path. Soc., 1928, 18: 216-24.—**Livini, F.** Il rapporto quantitativo tra il glicogeno epatico e il glicogeno contenuto in altri organi, durante la vita intra-uterina, nell'uomo. Monit. zool. ital., 1926, 27: 85-94. — Riassunto di osservazioni su la presenza e la distribuzione del glicogeno, in embrioni e feti umani. Boll. Soc. ital. biol. sper., 1927, 2: 625-32.—**Lund, H.** Sur l'existence d'un glycogène spécifique particulier aux tissus tumoral et embryonnaire. C. rend. Soc. biol., 1932, 110: 1121-6.—**Michelazzi, A. M.** Il glicogeno nelle pareti vasali del fegato e del polmone. Arch. fisiol., Fir., 1935-36, 35: 343-50. pl. — **Franceschi-Bicchierai, L.** Contenuto ed importanza funzionale del glicogeno nella muscolatura bronchiale e polmonare. Ibid., 196-208. pl.—**Pace, L.** Recherches sur la distribution du glycogène dans le cœur des bœufs avec égard particulier au tissu spécifique. Arch. ital. biol., 1932-33, 89: 45-52.—**Przylecki, S. J. von, Giedroyc, W., & Rafalowska, H.** Ueber den Glykogenzustand im Zellinnern; über Dreikomponenten-Symplexe aus Clupein, Nucleinsäure, Glykogen oder Dextrin. Biochem. Zschr., 1935, 280: 286-92.—**Reentovich, R. V., & Shabadash, A. L.** [Morphology of the distribution and transformation of glycogen; glycogen in Gasser's cells and cerebrosplinal ganglions in normal animals] Biull. eksp. biol. med., 1939, 8: No. 7, 32-4.—**Reilhes, R.** Sur la valeur, pour l'histochimie végétale, des méthodes utilisées en histochemie animale pour la mise en évidence du glycogène. C. rend. Soc. biol., 1939, 130: 1047-9.—**Shabadash, A. L.** [Morphology of distribution and transformation of glycogen; gradient of glycogen accumulation as an index of the histochemical architectonics of the sensory ganglia] Bull. biol. méd. exp. URSS, 1939, 8: 146-50. Also Biull. eksp. biol. med., 1939, 8: 132-6. — [Morphology of glycogen distribution and transformations; cytology of glycogen accumulations in the motor cells of the normal nervous system] Bull. biol. méd. exp. URSS, 1939, 7: 353-7. Also Biull. eksp. biol. med., 1939, 7: 419-23.—**Silvestri, U.** Sul contenuto di glicogeno nell'utero e nella placenta della cavia. Monit. ostet. gin., 1936, 8: 358-74.—**Tanaka, H.** An experimental investigation on the glycogen in the internal ear of the guinea pig. Sei i kwai, 1927, 46: No. 12, 1, 2 pl., 1928, 47: 2. Also Tr. Jap. Path. Soc., 1928, 18: 213-6. pl. — Die Untersuchung über das Glykogen im Gehörorgan; vergleichende Forschung unter Einigen Nagetieren. Sei i kwai, 1928, 37: H. 11, 2.—**Usueli, F., Fortuzzi, R., & Vannucci, L.** Correlazioni tra il contenuto in glicogeno dei diversi tessuti. Riv. biol., 1939, 28: 319-45.—**Vannucci, L.** Ricerche sul contenuto in glicogeno nel tessuto adiposo perirenale e sottocutaneo nei bovini di razza marchigiana. Biochim. ter. sper., 1933, 20: 475-84.—**Willstätter, R., & Rohdewald, M.** Ueber den Zustand des Glykogens in der Leber, im Muskel und in Leukocyten (zur Kenntnis der Proteinbindung physiologisch wichtiger Stoffe) Zschr. physiol. Chem., 1934, 225: 103-24.—**Zagami, V.** Sul contenuto comparativo in glicogeno di vari segmenti del sistema nervoso centrale e di vari organi toracici e addominali in diverse specie animali. Arch. fisiol., Fir., 1935-36, 35: 407-21.
- **Metabolism.**
- See also subheading Glycogenesis; Glycogenolysis; also Blood sugar, Storage.
- AZEWA, W.** *Speicherung des Glykogens im Körper. 19p. 8° Münch., 1935.
- JACOT, M.** Glycogène, adrénaline et insuline. 209p. 8° Par., 1926.
- ZEIS, H. K.** *Experimentelle Untersuchungen zur Frage der Glykoneogenie [München] 108p. 8° Babenhausen, 1934.
- Baïssat, A., Bugnard, L.** [et al.] Etude du stockage lacunaire du glucose par l'examen de la traversée hépatique au cours de l'inondation glucosée. J. physiol. path. gén., 1939, 37: 585-91.—**Bancroft, W. D., & Bancroft, G.** Glycogen metabolism. Proc. Nat. Acad. Sc. U. S., 1930, 16: 651-7.—**Bodnár, J., & Tankó, B.** Bemerkungen zur Phosphorylierung von Glykogen im Muskel und in Organen (Leber, Niere) Biochem. Zschr., 1939-40, 303: 391-7.—**Bodo, R. C., Friedmann, M. M., & Genaglia, A. E.** Lactic acid and liver glycogen. Sunti Congr. internaz. fisiol., 1932, 14. Congr., 36-7.—**Bridge, E. M.** The correlation of the respiratory quotient to glycogen reserves. Bull. Johns Hopkins Hosp., 1937, 61: 349-57.—**Charit, A. J.** Zur Frage über das Verhalten der Darmwand und der Leber zum Glykogen nach Versuchen an angiostomierten Hunden. Arch. ges. Physiol., 1926, 214: 327-30.—**Cori, C. F.** Glycogen breakdown and synthesis in animal tissues. Endocrinology, 1940, 26: 285-96.—**FitzGerald, O.** Die Bisulfit-Bindungs-fähigkeit des Blutes von normalen und nebennierenlosen Ratten und ihr Verhältnis zum Glykogenstoffwechsel. Arch. ges. Physiol., 1938-39, 241: 741-52.—**Fletcher, J. P., & Waters, E. T.** A study of the free sugar concentration of the livers of rats absorbing glucose and fructose and its relationship to glycogen synthesis. Biochem. J., Lond., 1937, 31: 1830-6.—**Fujii, M.** Ueber den Einfluss vegetativer Nerven auf den Kohlenhydratstoffwechsel; der histologische Befund des Leber- und Muskelykogens. Okayama igakkai zasshi, 1935, 47: 2655.—**Gallistel, H.** Histochemische Untersuchungen über das Speichern von Glykogen und Fett bei Daphnia magna. Zschr. Zellforsch., 1936, 25: 66-82.—**Greisheimer, E. M., & Goldsworthy, E.** Glycogen and water storage. Proc. Soc. Exp. Biol., N. Y., 1935-36, 33: 32-4.—**Hines, H. M., & Knowlton, G. C.** The rôle of the nervous system in the regulation of the glycogen metabolism

of skeletal muscle. *Am. J. Physiol.*, 1935, 111: 243-9.—**Houssay, R. A., Bissotti, A., & Dambrosi, R. G.** Glycogène et hypophyse. *C. rend. Soc. biol.*, 1937, 125: 542-4.—**Képinov, L.** Système glycogénolytique hormonal; sur le mécanisme de l'action glycogénolytique de l'adrénaline et le rôle de l'hormone hypophysaire dans ce mécanisme. *Ibid.*, 126: 1084-7.—**Mouriquand, G., & Leulier, A.** Le glycogène statique ou basal et le glycogène dynamique dans leurs rapports avec la cétogénèse et l'ammorionogénèse. *Rev. méd. chir. mal. foie*, 1929, 4: 23-32.—**Müller, J. H.** Zur Frage der hormonalen Steuerung der Glykogenspeicherung im weiblichen Organismus. *Endokrinologie*, 1936, 17: 36-44.—**Schwarz, C.** Ueber die Beziehungen der Schilddrüse zum Blutzucker- und zur Glykogenspeicherung. *Biochem. Zschr.*, 1937, 293: 295-301.—**Simonovits, S.** Ueber Adsorption und Hydrolyse des adsorbierten Glykogens. *Ibid.*, 1935, 277: 72-6.—**Wainstein, S. S., & Shatalova, A. A.** [The glycogen curve and its interpretation] *Ter. arkh.*, 1934, 12: 33-41.—**Young, F. G.** Glycogen and the metabolism of carbohydrate. *Lancet*, Lond., 1936, 2: 237; 297.—**Zawisch-Ossenitz, C.** Die epithelialen Zotten im fetalen Dickdarm des Meerschweinchens; ein Beitrag zur Frage des fetalen Glykogenstoffwechsels. *Zschr. mikr. anat. Forsch.*, 1935, 37: 172-98.

Metabolism: Disorder.

See also **Blood sugar, low; Glycogenosis.**

LUCHSINGER, B. *Experimentelle und kritische Beiträge zur Physiologie und Pathologie des Glykogens. 95p. 8°. Zür., 1875.

Althausen, T. L., & Stockholm, M. Deposition of glycogen in normal and in experimentally damaged livers after oral and intravenous administration of dextrose. *Tr. Am. Gastroenter. Ass.*, 1937, 40, meet., 106-12. Also *Am. J. Digest. Dis.*, 1937-38, 4: 752-8.—**Askanazy, M.** Glykogenleber und Diabetes. *Schweiz. med. Wschr.*, 1939, 69: 751-3.—**Beck, L.** Untersuchungen über den Glykogengehalt der Leber; zur Kenntnis des Glykogengehaltes der Leber bei Meningitis und Hirnschädigungen. *Zschr. Kinderh.*, 1932-33, 54: 404-7.—**Borodulin, F. R.** [Sugar-detention and sugar formation in the liver in hyperglycemia] *Vrach. delo*, 1927, 10: 4; 264.—**Brentano, C.** Extrainsuläre Störung der Glykogenbildung aus Traubenzucker. *Verh. Deut. Ges. inn. Med.*, 1936, 48, Kongr., 422-4.—**Burghard, E.** Der Glykogengehalt der Leber bei tödlichen Erkrankungen im Kindesalter. *Msehr. Kinderh.*, 1927, 37: 492-6.—**Conn, J. W., & Newburgh, L. H.** Hyperglycemia due to impaired hepatic glycogenesis. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 36: 236-8.—**Dernovskaia, M. L.** [Pulmonary glycogen contents in phlorrhizin glucosuria and pancreatic diabetes] *J. physiol. USSR*, 1937, 22: 725-8.—**Imazu, T.** Experimentelle Untersuchungen über die Glykogenbildung in der Leber mittels Durchblutungsversuche bei künstlich hervorgerufenem Fieber. *J. Biochem.*, Tokyo, 1929, 11: 1-11.—**Izabolinskaja, R. M.** Ueber die glykogenbildende Funktion der Leber bei Fettinfiltration. *Bull. biol. méd. exp. URSS*, 1938, 6: 473.—**Judd, E. S., Kepler, E. J., & Rynearson, E. H.** Spontaneous hypoglycemia; report of 2 cases associated with fatty metamorphosis of the liver. *Am. J. Surg.*, 1934, n. ser., 24: 345-63. Also repr.—**Junkersdorf, P., & Mischnat, H.** Ist Glykogen ein Harnbestandteil? *Zschr. ges. exp. Med.*, 1932, 83: 711-5.—**Krapar, N. B.** Histological examination of liver glycogen especially in hepatitis epidemica. *Acta path. microb. scand.*, 1939, 16: 443-7, pl.—**Loubatières, A.** Les lésions profondes des îlots de Langerhans et des lobules hépatiques observées chez le chien de Young sont compatibles avec un taux de glycogène hépatique relativement élevé. *C. rend. Soc. biol.*, 1939, 132: 384.—**Marinesco, G.** Sur la présence et les variations du glycogène dans le névraie et les glandes endocrines à l'état normal et pathologique. *Ann. anat. path.*, Par., 1928, 5: 233-50, pl.—**Martin, E., & Sciclounoff, F.** Le glycogène des organes chez les briguettes soumis à des injections répétées de solution sucrée hypertonique. *C. rend. Soc. biol.*, Par., 1935, 118: 751.—**Mayros, A., & Brentano, C.** Warum fehlt die Adrenalin-Hyperlactacidämie im Glykogenzerfall? *Zschr. klin. Med.*, 1938-39, 135: 528-36.—**Popper, H., & Wozasek, O.** Zur Kenntnis des Glykogengehaltes der Leichenleber (Untersuchungen bei Diabetes mellitus) *Zschr. ges. exp. Med.*, 1931, 77: 414-45.—**Py Suñer.** Glycopathies et glucidystrophies. *Progr. méd.*, Par., 1939, pt 2, 1176; 1183.—**Sato, T.** Ueber das Glykogen im Zentralnervensystem; über die experimentelle pathologische Veränderung des Glykogens. *Mitt. Med. Akad. Kioto*, 1931, 5: 57.—**Schulz, F. N., & Becker, M.** Kommt im Harn häufiger Glykogen vor? *Arch. Pharm.*, Berl., 1934, 272: 795.—**Seekles, L.** Ueber das gleichzeitige Vorkommen eines Prinzips im Blutserum, das den Glykogenbestand der Leber herabsetzt, und Störungen des vegetativ-endokrinen Systems. *Zschr. ges. exp. Med.*, 1936-37, 100: 324-31.—**Slatineanu, A., Balteanu, I.** [et al.] L'acétonurie dans les maladies infectieuses en relation avec l'insuffisance glycogénique du foie. *C. rend. Soc. biol.*, 1935, 118: 1595-8.—**Yoshida, H.** Studien über die Resorption und Exkretion der Kohlenhydrate; über das Auftreten des Glykogens in der Schleimbaut des Verdauungstraktes des Kaninchens bei der experimentellen Hyperglykämie. *Tr. Jap. Path. Soc.*, 1924, 14: 221.

Metabolism: Variation.

FOPP, J. *Untersuchungen über die Menge und Verteilung des Leberglykogens beim Neugeborenen [Bern] 17p. 23½cm. Basel, 1939. Also *Helvet. med. acta*, 1939, 6:

KOEPPEN, P. W. *Vergleichende Untersuchung über die regulatorische Wirkung von Casein und Weizenklebereiweiss auf den Glykogengehalt der Leber. 23p. 23cm. Berl., 1938.

PFISTER, E. *Vergleichende Untersuchungen über die Wirkung von Casein und Gelatine als Eiweiss in der gemischten Nahrung auf den Leberglykogengehalt [Berlin] 20p. 21cm. Coburg, 1939.

REINHARDT, R. *Eiereiweiss oder Kartoffeleiweiss als Nahrungs-N-Träger in ihrer Beziehung zum Leberglykogengehalt. 20p. 20½cm. [Berl.] 1937.

SCHUDOK, G. *Vergleichende Untersuchungen über den Einfluss des Weizenklebers und der Kartoffel als Nahrungsstickstoffträger auf den Glykogengehalt der Leber. 23p. 23cm. Berl., 1938.

TRÖSKEN, K. *Der Einfluss von Casein und γ -bestrahltem Casein auf den Glykogengehalt der Leber bei gemischter Nahrung [Berlin] 19p. 20½cm. Ebenrode, 1938.

ZIMMER, H. *Zur Methodik der Glykogenbestimmungen in kleinen Blutmengen und deren Ergebnisse bei gesunden Schwangeren [Kiel] 15p. 21cm. Würzb., 1935.

Agren, G., Wilander, O., & Jorpes, E. Cyclic changes in the glycogen content of the liver and the muscles of rats and mice; their bearing upon the sensitivity of the animals to insulin, and their influence on the urinary output of nitrogen. *Biochem. J.*, Lond., 1931, 25: 777-85.—**Aloisi, M.** Differenze fra il comportamento post-mortale del glicogeno embrionale rispetto a quello materno. *Monit. zool. ital.*, 1933, 44: 118-20.—**Avoni, A.** Le modificazioni del glicogeno epatico nelle resezioni e nelle esclusioni dell'intestino (ricerche sperimentali). In *Scritti med. in onore di A. Poggi*, Bologna, 1915, 307-32.—**Bagalà, G.** Sul comportamento del glicogeno epatico nel post-partum con e senza allattamento. *Monit. zool. ital.*, 1934, 45: Suppl., 218.—**Barbarin, V. V.** [Factors determining the equilibrium of fat and glycogen in Paramaecium caudatum; effect of various foods upon the accumulation of fat and glycogen] *Biol. J.*, Moskva, 1937, 6: 709-20.—**Bickel, A.** Untersuchungen über die ernährungsphysiologische Wirkung des frisch ausgemahlene und des gelagerten Roggenvollkornmehles in bezug auf den Glykogengehalt der Leber. *Biochem. Zschr.*, 1939, 302: 198-210.—**Bokelmann, O.** Leberglykogen und Schwangerschaft. *Arch. Gyn.*, Berl., 1937, 164: 433.—**Cahane, M.** Variations du glycogène hépatique chez les animaux châtés. *C. rend. Soc. biol.*, 1930, 104: 447. — Influence de la piqûre infundibulaire, chez les rats, sur la glycémie et le glycogène hépatique. *Ibid.*, 1937, 125: 192-4.—**Danopoulos, E.** Glykogengehalt der Leber bei Ernährung mit unterschiedlichen Stärkekarten in der gemischten Nahrung. *Biochem. Zschr.*, 1938, 299: 100-3.—**Deuel, H. J., jr.** The sexual variation in the glycogen and fat content of the liver. *Proc. Am. Soc. Biol. Chem.*, 1933, 8: p. xxxv.—**Dimitru, V., & Faltis, D.** [Effect of preoperative vaccination on hepatic glycogenesis] *România med.*, 1937, 15: 93.—**Evans, G.** The effect of low atmospheric pressure on the glycogen content of the rat. *Am. J. Physiol.*, 1934-35, 110: 273-7.—**Forsgren, E.** [Relation between the glycogen of the liver and muscular work] *Nord. med.*, 1939, 3: 2859-61.—**Goldfederova, A.** Le glycogène au cours de l'ontogénèse de la grenouille et sous l'influence des saisons. *C. rend. Soc. biol.*, 1926, 95: 801-4. Also *Spisy Léč. Masaryk. Univ.*, 1927, 5: No. 3, 1-16.—**Gomarasca, P.** Comportamento del glicogeno in rapporto con la funzione cardiaca. *Boll. Soc. ital. biol. sper.*, 1939, 14: 476.—**Gulick, M., Samuels, L. T., & Deuel, H. J., jr.** The effect of ovariectomy and theelin administration on the glycogen content of rats. *J. Biol. Chem.*, 1934, 105: 29-34. Also repr.—**Hédon, L., Loubatières, A.** [et al.] Augmentation de la teneur en glycogène du foie chez le chien dépancraté et chez le chien normal sous l'influence de l'insuline. *Ann. physiol.*, Par., 1938, 14: 548-51.—**Heymann, W., & Modie, J. L.** Effect of age and fasting on glycogen content of liver and muscle of rats and puppies. *J. Biol. Chem.*, 1939, 131: 297-308. Also repr.—**Ishida, J.** Influence of change in food on liver glycogen in a labroid fish, *Thalassoma umbrostigma*. *Annot. zool. jap.*, 1935, 15: 203-12.—**Kaufmann, C., & Mühlbock, O.** Leberglykogen und menstrueller Zyklus. *Klin. Wschr.*, 1930, 9: 1170.—**Kochnev, N. P.** Die Dynamik des Glykogenstoffwechsels nach Angiostomie-Versuchen. *Zschr. ges. exp. Med.*,

1934, 94: 417-28.—**Krantz, J. C., jr. & Carr, C. J.** Glycogen storage in the white rat when fed the roots of *Aretium lappa*. *J. Pharm. Exp. Ther.*, 1931, 41: 83-7.—**Kulieva, R. K., & Iuzbashinskaia, P. K.** [Effect of temperature on the function of sugar formation in the isolated liver of cold- and warm-blooded animals]. *J. physiol. USSR*, 1936, 21: 311-4.—**Lawrence, R. D., & McCance, R. A.** The effect of starvation, phloridzin thyroid, adrenaline, insulin and pituitrin on the distribution of glycogen in the rat. *Biochem. J.*, Lond., 1931, 25: 570-8.—**Mirski, A., Rosenbaum, I.** [et al.] On the behavior of glycogen after diets rich in protein and in carbohydrate. *J. Physiol.*, Lond., 1938, 92: 48-61.—**Moschini, A.** Le glycogène du foie et du muscle chez la grenouille après injections sous-cutanées de différents sucres. *C. rend. Soc. biol.*, 1936, 123: 119-21.—**Nitzescu, I. L., & Benetato, M.** Inanition et glycogène chez les chiens thyroïdectomisés. *Ibid.*, 1928, 99: 896.—**Ohno, K.** Studies on the behaviours of glycogen and lipids under various nutritional states. *J. Biochem.*, Tokyo, 1939, 30: 351-75.—**Okazaki, K., & Kobayashi, S.** The seasonal variation of the glycogen content in the oyster, *Ostrea circumpecta* Pils. *Tohoku Univ. Sc. Rep.*, 1929, 4: 183-91.—**Parhon, C. I., & Cahane, M. G.** Recherches sur le glycogène hépatique chez les oiseaux, après la castration de l'épiphyse. *Bull. Soc. roumain. endocr.*, 1940, 6: 96-8.—**Petrén, T.** Die 24-Stunden-Rhythmik des Leberglykogens bei *Cavia cobaya* nebst Studien über die Einwirkung der chronischen Muskelarbeit auf diese Rhythmik. *Morph. Jahrb.*, 1939, 83: 256-67.—**Reindollar, W. F.** Effect of terminal procedures on liver glycogen. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 182.—**Sake, A.** Experimentelle Untersuchungen über den Kohlehydratgehalt der Leber tierischer Feten in den verschiedenen Trächtigkeitszeiten und seine Beeinflussung durch Sauerstoffmangel und Hunger des Muttertieres. *Zschr. Kinderh.*, 1927, 45: 93-104.—**Scoz, G.** Variazioni del glicogeno nel tessuto adiposo di cani dappima alimentati, poi sottoposti a digiuno ed infine rialimentati. *Boll. Soc. ital. biol. sper.*, 1929, 4: 1160-2.—**Semichon, L.** Variations du glycogène et d'une matière qui l'accompagne, pendant l'activité et pendant le jeûne, chez les escargots. *C. rend. Soc. biol.*, 1934, 117: 774.—**Spektor, J. Z.** [Glycogen deposits in the liver and muscles of rats following feeding with various sugars in physiological and pathological conditions: experiments on healthy rats] *Biull. eksp. biol. med.*, 1939, 8: 137-9.—**Stieve, H., & Kaps, U.** Fett und Glykogen in der Leber von Nagerkeimlingen und Jungtieren. *Zschr. mikr. anat. Forsch.*, 1937, 42: 499-508, pl.—**Stöhr, R.** Notiz über den Einfluss von Geschlecht und Alter auf das Leberglykogen, Muskelglykogen und die Alkalireserve bei hungernden Ratten. *Zschr. physiol. Chem.*, 1932, 212: 121-5.—**Tanaka, H.** Die Untersuchung über das Glykogen im Gehörorgan; Beziehung zwischen Inanition und Verteilung des Glykogens. *Sei i kwai*, 1928, 47: H. 11, 3. — An experimental investigation on glycogen in the internal ear of the guinea pig; on the post-mortem changes of the glycogen content in the internal ear. *Ibid.*, H. 12, 2.—**Vacireca, F.** Lectina e glicogeno epatico negli animali normali e stiroidati. *Boll. Soc. med. chir.*, Pavia, 1937, 51: 45-8.

Metabolism: Variation: Chemical agents.

FRANKE, H. *Natürliche Heilquellen und ihre glykogenspeichernde Wirkung [Breslau] 9p. 8°. Lpz., 1936.

Also *Klin. Wschr.*, 1935, 14: 1647-8.

GUERLIN, M. *Contribution à l'étude de l'influence de l'insuline sur la glyco-génèse et la combustion des sucres. 39p. 24cm. Par., 1939.

HOHEISEL, W. *Ueber den Einfluss von Neutralsalzen auf die Zuckerbildung in der Leber [Münster] 14p. 21cm. Bottrop i. W., 1936.

ZIMMERMANN, F. *Untersuchungen über den Einfluss schilddrüsenwirksamer Blutextrakte (Tyronorman) auf den Glykogengehalt der Leber [Freiburg i. B.] 13p. 22cm. Waldkirch i. B., 1936.

Aida, H. Der Hefeinfluss auf das Leberglykogen bei verschiedener Ernährung. *Biochem. Zschr.*, 1932, 244: 431-4.—**Arnoldi, W.** Der Glykogengehalt der Leber nach Zufuhr einer Glaubersalze. *Zschr. ges. exp. Med.*, 1930, 73: 452-7.—**Bauerisen, E.** Untersuchungen über den Einfluss des A-Vitamins auf den Glykogenhaushalt der Leber. *Ibid.*, 1938, 103: 145-52.—**Bickel, A., & Nigmann, G.** Experimentelle Untersuchungen über das Verhalten des Leberglykogens nach peroraler Hefegabe. *Biochem. Zschr.*, 1929, 210: 443-7.—**Blatherwick, N. R., & Sahyun, M.** The influence of epinephrine and insulin upon the distribution of glycogen. *J. Biol. Chem.*, 1929, 81: 123-7.—**Brentano, C.** Der Glykogenzerfall im Hunger und bei Phlorizinvergiftung, durch Insulin-Traubenzucker heilbar. *Klin. Wschr.*, 1939, 18: 82-5.—**Chiatellino, A.** Comportamento del glicogeno epatico in alcune forme di narcosi. *Atti Soc. med. chir. Padova*, 1933, ser. 2, 11: 174-7.—**Cristol, P., Hédon, L.** [et al.] Comparaison des changements provoqués par l'insuline dans la teneur du foie en glycogène et en lipides

avec ceux que détermine l'administration de grandes quantités de glucose en l'absence d'insuline. *Ann. physiol. Par.*, 1939, 15: 820-3.—**Deuel, H. J., jr. MacKay, E. M.** [et al.] The comparative glycogen formation and retention after the administration of glucose, galactose, and lactose. *J. Biol. Chem.*, 1933, 101: 301-22.—**Elias, H., & Weiss, S.** Ueber die Säureeinwirkung auf das Glykogen in der Zelle: Versuche am Froschei. *Wien. med. Wschr.*, 1928, 78: 1351.—**Evans, C. L., Tsai, C., & Young, F. G.** The behaviour of liver glycogen in experimental animals; methods: the effect of ether and amytal. *J. Physiol.*, Lond., 1931, 73: 67-80. — The action of adrenaline on glycogen distribution in the cat. *Ibid.*, 103-14.—**Fichera, G.** L'azione dell'acido ascorbico sul contenuto in glicogeno del fegato. *Med. sper.*, Tor., 1940, 6: 49-56.—**Gaunt, R., Remington, J. W., & Edelmann, A.** Effect of progesterone and other hormones on liver glycogen. *Proc. Soc. Exp. Biol.*, N. Y., 1939, 41: 429-32.—**Gontze, I., & Naum, G.** Recherches expérimentales relatives à l'influence des eaux minérales sulfureuses sur la quantité de glycogène du foie. *Rev. st. méd.*, Bucur., 1940, 29: 194-209.—**Hartman, F. A., & Brownell, K. A.** The effect of cortin and of Na factor on the deposition of liver glycogen. *Am. J. Physiol.*, 1940, 129: 377.—**Hermann, V. S.** Ueber die Wirkung des Follikelhormons, des Vitamin C und deren gleichzeitiger Verabreichung auf den Glykogengehalt der Leber bei Meerschweinchen. *Zschr. physiol. Chem.*, 1938, 251: 78-84.—**Hiatt, E. P., Carr, C. J.** [et al.] Sugar alcohols; primulato and glycogen storage in the rat. *Proc. Soc. Exp. Biol.*, N. Y., 1938, 38: 356.—**Hochfeld, H.** Der Einfluss von Nebennierenrindenhormon auf den Glykogengehalt der Leber. *Ausz. Inaugur. Diss. Med. Fak. Univ. Bern*, 1933-35, No. 92, 1-4.—**Huzly, I.** [Studies on toxic glycomorphosis] *Magy. orv. arch.*, 1929, 30: 499-518.—**Hynd, A., & Rotter, D. L.** The effect of adrenaline on the distribution of glycogen in the albino rat. *Biochem. J.*, Lond., 1933, 27: 165-72.—**Kataoka, E.** Embryochemische Untersuchungen mittels der Injektionsmethode; über das Verhalten des Glykogens im bebrüteten Hühnerei bei der Zuckerinjektion. *Zschr. physiol. Chem.*, 1931, 203: 272-8.—**Képinov, L.** Mécanisme de l'action antiglycogénolytique de l'insuline et propriété glycogénotrope d'une hormone antéhypophysaire. *C. rend. Soc. biol.*, 1939, 130: 1228-32.—**La Barre, J., & Houssa, G.** Influence de l'incrétine sur la réserve glycogénique du foie chez le lapin. *Ibid.*, 1935, 119: 1179-81.—**Labbé, M., Nepveux, F., & Gringoire, J. D.** Influence des vitamines B sur la teneur en glycogène et en glutathion du foie des lapins. *J. méd. Paris*, 1933, 53: 501. Also *C. rend. Soc. biol.*, 1933, 113: 152-5.—**Lauber, H. J., & Bersin, T.** Die Beeinflussung des Glykogengehaltes der Leber durch die Aethernarkose und die Beziehungen zu den fettlöslichen Vitaminen. *Klin. Wschr.*, 1939, 18: 715.—**Levine, R., Taubenhaus, M., & Soskin, S.** The influence of added dextrose and of insulin on hepatic glycogenolysis in vitro. *Am. J. Physiol.*, 1940, 129: 404.—**MacKay, E. M., Wick, A. N., & Carne, H. O.** Relative amount of hepatic glycogen deposited by glucose, glycine, and dl-alanine. *J. Biol. Chem.*, 1940, 132: 613-7. Also repr.—**Majer, E. H., & Reissner, H.** Der Einfluss verschiedener organischer Säuren auf das Kohlenhydratspeichervermögen der Rattenleber. *Biochem. Zschr.*, 1933, 263: 340-52.—**Meyer, H. S., Wade, L. J., & Cori, C. F.** Influence of extracts of anterior lobe of pituitary on glucose oxidation and glycogen storage. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 36: 346-8.—**Nisioka, S.** Ueber den Einfluss des Carotin und der Gallensäure auf die Glykogenie der Leber. *Okayama igakkai zasshi*, 1935, 47: 2576.—**Ohkawa, J.** Einfluss des Adrenalins auf den Glykogengehalt der Leber und des Muskels. *Mitt. Med. Akad. Kioto*, 1940, 28: 600.—**Orriù, A.** Circa il comportamento del glicogeno epatico nei conigli trattati con pilocarpina. *Boll. Soc. ital. biol. sper.*, 1928, 3: 277-9.—**Otani, K.** The influence of insulin on the glycogen formation in the macerated liver- or muscle-substance and in the liver during perfusion with a sugar saline solution. *Okayama igakkai zasshi*, 1928, 40: 745.—**Rosenthal, F.** Der Glykogengehalt der Leber nach Verfütterung von β -Oxybuttersäure. *Klin. Wschr.*, 1931, 10: 700.—**Sabrazès, J., Grailly, R. de, & Dervillé, P.** Recherches expérimentales sur la teneur en glycogène des cellules hépatiques après ingestion de substances insolubles ou toxiques. *C. rend. Soc. biol.*, 1937, 125: 645-8.—**Sahyun, M., & Luck, J. M.** The influence of epinephrine and insulin on the distribution of glycogen in rabbits. *J. Biol. Chem.*, 1929-30, 85: 1-20. Also repr.—**Sano, S.** Ueber den Einfluss der verschiedener innersekretorischen Substanzen auf die Glykogenbildung des überlebenden Fettgewebes. *Tr. Jap. Path. Soc.*, 1930, 20: 289. — Studien über das Glykogen des Fettgewebes; über den Einfluss des Insulin auf das Fettgewebsglykogen. *Okayama igakkai zasshi*, 1934, 46: 2439.—**Seckel, H. P. G.** The influence of various physiological substances on the glycogenolysis of surviving rat liver; the influence of cortic hormone added in vitro. *Endocrinology*, 1940, 26: 97-101.—**Silvestroni, E.** Il glicogeno epatico sotto varie influenze ormoniche. *Tumori*, Milano, 1939, 25: 208-14.—**Simizu, S.** Wirkungen von Vitamin C auf die Glykogendepots. *Tohoku J. Exp. M.*, 1939, 36: 211-30.—**Spektor, J. Z.** Comparative glycogen deposit in the liver and muscles of rats after administration of different sugars in physiological and pathological conditions. *Bull. biol. méd. exp. URSS*, 1939, 8: 151-3.—**Steigerwaldt, F.** Ueber den Einfluss des Vitamin B₁ auf die Glykolyse der Leberzellen. *Klin. Wschr.*, 1939, 18: 431-4.—**Stöhr, R.** Beiträge zur Kenntnis des physiologischen Verhaltens der Triosen und ihnen

nahestehender Verbindungen; Vermehrung des Leberglykogens nach Verfütterung von Glycerinaldehyd. *Zschr. physiol. Chem.*, 1932, 208: 211-6. — Vermehrung des Leberglykogens nach Verfütterung von Methylglyoxal und Brenztraubensäure. *Ibid.*, 15-24. — Die Umwandlung der Acetessigsäure durch Methylglyoxal; Verhalten des Leber- und Muskelglykogens nach Verfütterung von Ketol bei gleichzeitigen Gaben von Insulin. *Ibid.*, 1936, 240: 23-5. — Verhalten des Leber- und Muskelglykogens bei hungernden Ratten nach Belastung mit glucoplastischen Aminosäuren. *Biochem. Zschr.*, 1938, 299: 242-8. — **Takahisa, T.** Ueber den Einfluss des Tetrahydro- β -naphthylamins auf den Gehalt der Leber und des Muskels an Glykogen beim Kaninchen. *Mitt. Med. Akad. Kioto*, 1936, 17: 668. — **Tanaka, H.** An experimental investigation on glycogen in the internal ear of the guinea pig; on the changes of glycogen content in the internal ear due to the insulin injection. *Sei i kwai*, 1928, 47: H. 12, 1, pl. — **Terada, K.** Wirkungen des Vitamins C und der verwandten Stoffe auf den Glykogenbestand. *Tohoku J. Exp. M.*, 1939, 36: 180-210. — **Tonutti, E., & Wallraff, J.** Wirkstoffe und Glykogenspeichervermögen der Leber (Vitamin B₁ und Insulin) *Zschr. mikr. anat. Forsch.*, 1938, 44: 532-50. — **Utevsky, A. M., & Butom, M. L.** [On the functional relation between ascorbic acid and adrenalin; effect of adrenalin on the mobilization of glycogen of the liver and muscles in guinea-pigs with C-avitaminosis, and guinea-pigs over-dosed with ascorbic acid] *Biull. eksp. biol. med.*, 1940, 9: 218-20. — **Vacirca, F.** Tiroxina, tiiodotiroxina e glicogeno epatico. *Boll. Soc. med. chir., Pavia*, 1937, 51: 101-3. — **Watanabe, I.** Wirkungen der verschiedenen Vitaminarten auf den Glykogenbestand der geschädigten Leber. *Tohoku J. Exp. M.*, 1939, 35: 65-91. — **Wilson, R. H., & Lewis, H. B.** Comparative studies of the metabolism of amino acids; the formation of glycogen after oral administration of amino acids to white rats. *J. Biol. Chem.*, 1929-30, 85: 559-69.

— Occurrence.

Baldwin, E., & Bell, D. J. Glycogen; the glycogen of *Helix pomatia*. *Biochem. J.*, Lond., 1940, 34: 139-43. — **Boissezon, P. de.** Localisation du glycogène et du fer chez *Culex pipiens* L. *C. rend. Soc. biol.*, 1932, 111: 866. — **Brücke, F. T.** Ueber Glykogenbildung in Hefe. *Biochem. Zschr.*, 1933, 264: 157-62. — **Calvin, D. B.** Glycogen content of fresh-water mussels. *Proc. Soc. Exp. Biol.*, N. Y., 1931, 39: 96. — **Conrad, W.** Le glycogène chez une schizophtisie, *Gloeotrichia natans*; extraction et identification. *Ann. protist.*, Par., 1929, 2: 169-76. — **Heiduschka, A., & Schäfer, G.** Zur Kenntnis des Glykogens in der Hefe. *Arch. Pharm., Berl.*, 1934, 272: 137-42. — **Kimura, T.** Morphological studies on the occurrence and distribution of glycogen in various members of the animal kingdom. *Tr. Soc. path. jap.*, 1934, 24: 593-626, 5 pl. — **MacLennan, R. F.** The morphology of the glycogen reserves in *Polynastron*. *Arch. Protistenk.*, 1933-34, 81: 412-9, pl. — **Morris, D. L., & Morris, C. T.** Glycogen in the seed of *Zea mays* (variety golden bantam). *J. Biol. Chem.*, 1939, 130: 535-44. Also repr. — **Pardi, L.** Sull'origine del glicogeno nei corpi grassi durante la infiosi di *Polistes gallicus* L. (Hymenoptera-Vespidae). *Monit. zool. ital.*, 1937, 48: 276-82. Also *Arch. ital. anat.*, 1938, 40: 281-300, pl. — Glicogeno degli enociti e suo significato. *Monit. zool. ital.*, 1938, 49: 108-15. — **Rathery, F., Kourilsky, R., & Gibert, S.** Glycogène du foie et du muscle chez le chien normal. *C. rend. Soc. biol.*, 1930, 103: 305. — **Semichon, L.** Sur une matière qui accompagne le glycogène dans les cellules vésiculeuses des mollusques lamellibranches. *Ibid.*, 1932, 111: 785. — **Tretjakov, D.** Die Fettglykogenzellen beim Neunauge. *Anat. Anz.*, 1927, 63: 72-82.

— muscular.

See also Exercise; Fatigue; Work; also Muscle, Metabolism.

SCHLESINGER, I. *Der Glykogenabbau im Muskel unter der Einwirkung von Giften aus verschiedenen pharmakologischen Gruppen [Münster] 23p. 21em. Werne a. d. Lippe, 1935.

Augustin, Z. Ueber die Anfangsvorgänge der Glykogenolyse im Muskel und im Herzen; vergleichende Untersuchungen. *Zschr. physiol. Chem.*, 1938, 255: 61-74. — **Bach, D.** Le mécanisme de la glycogénolyse dans le muscle. *J. pharm. chim., Par.*, 1939, 8. ser., 29: 585-605. — **Bacq, Z. M., & Marks, H. P.** Sympathetic stimulation, adrenaline and mobilization of muscle glycogen. *J. Physiol., Lond.*, 1937, 90: 56P. — **Bell, D. J.** The molecular structure of horse muscle glycogen. *Biochem. J.*, Lond., 1937, 31: 1683-91. — **Bogue, J. Y., Evans, C. L., & Gregory, R. A.** The source of the heart glycogen. *Q. J. Exp. Physiol., Lond.*, 1937, 27: 27-39. — **Boyle, R. W., & McDonald, C. H.** Distribution of glycogen in the dog's heart. *Proc. Soc. Exp. Biol., N. Y.*, 1938-39, 39: 14. — **Brentano, C.** Zur Frage der nervösen Vermittlung der Adrenalinwirkung auf das Muskelglykogen. *Arch. exp. Path., Berl.*, 1932, 165: 494-503. — **Britton, S. W.** An apparent influence of sympathetic nerves on muscle glycogen. *Am. J. Physiol.*, 1930, 93: 213-8. — **Cori, G. T., & Cori, C. F.** Changes in hexosephosphate, glycogen, and lactic acid during contraction and recovery of mammalian muscle. *J. Biol. Chem.*, 1932, 99:

493-505. — & **Hegnauer, A. H.** Resynthesis of muscle glycogen from hexosemonophosphate. *Ibid.*, 1937, 120: 193-202. Also repr. — **Corkill, A. B., Marks, H. P., & Soskin, S.** The effects of sympathetic stimulation and of adrenaline on muscle glycogen. *J. Physiol., Lond.*, 1934-35, 83: 26-33. — **Craciun, E. C.** Glycogénie et régénération des muscles volontaires. *Arch. roumain. path., Par.*, 1929, 2: 313-24. — **Dambrosi, R. G.** Rôle de la section des nerfs vagues ou splanchniques sur la resynthèse du glycogène musculaire chez le chien. *C. rend. Soc. biol.*, 1933, 114: 1228-30. — Rôle du pancréas et des nerfs vagues sur la resynthèse du glycogène musculaire après la fatigue chez le chat. *Ibid.*, 1230-2. — **Recomposición del glucógeno muscular en el sapo hipofisoprivo.** *Rev. Soc. argent. biol.*, 1937, 13: 27-32. — **Debois, G.** Sur la reconstitution du glycogène musculaire perdu par le travail. *C. rend. Soc. biol.*, 1930, 103: 546-8. — **Ernouid, H.** Influence de l'acétylcholine sur le métabolisme des hydrates de carbone; glycogène musculaire. *Ibid.*, 1931, 108: 436-40. — **Euler, H. von, Nilsson, R., & Jansson, B.** Glykogenabbau im Muskel. *Zschr. physiol. Chem.*, 1927, 165: 121-9. — **Flock, E. V., & Bollman, J. L.** Muscle glycogen resynthesis after exercise. *J. Biol. Chem.*, 1940, 133: Proc. 32. — **Foglia, V. G., & Fernandez, R.** Rôle des nerfs vagues dans la formation du glycogène musculaire aux dépens du glucose. *C. rend. Soc. biol.*, 1934, 115: 333. — **Gemmell, C. L.** The action of insulin on the glycogen content of isolated muscle. *Am. J. Physiol.*, 1940, 129: 361. — **Gendre, H.** Aspects et localisations du glycogène dans le tissu musculaire strié. *Bull. histol. appl., Lyon*, 1938, 15: 265-76. — **Hatcher, R. A., & Wolf, C. G. L.** The formation of glycogen from sugars by muscle, with a demonstration of a perfusion apparatus. *Proc. Soc. Exp. Biol., N. Y.*, 1907, 4: 1. Also *J. Biol. Chem.*, 1907-8, 3: 25-34, pl. — **Kestner, O., Johnson, C. E., & Laubmann, W.** Glykogen und Muskeltraining. *Arch. ges. Physiol., Berl.*, 1931, 227: 539-45. — **Kisch, E.** Ueber den postmortalen Glykogenschwund in den Muskeln und seine Abhängigkeit von physiologischen Bedingungen. *Beitr. chem. Phys. Path.*, 1906, 8: 210-37. — **Kistjakovski, V. F.** [Glycogen in the muscles of embryos of the higher animals] *Russ. vrach.*, 1893, 18: 679; 697. — **Lederer, J. A.** Action de l'hormone thyroïdienne sur les glycogènes cardiaque. *Arch. internat. méd. exp., Liège*, 1935-36, 10: 137-51. — **Miki, T.** Die Glykogenbildung im Muskel durch Gallensäure bei Splanchnikotomie. *Biochem. Zschr.*, 1932, 247: 459-64. — **Moscato, G.** Der Glykogengehalt der menschlichen Muskeln und seine Abnahme nach dem Tode. *Beitr. chem. Phys. Path.*, 1907, 10: 337-44. — **Mystkowski, E. M.** Ueber den Zustand des Glykogens im Muskel; Untersuchungen über Polysaccharoproteide. *Biochem. Zschr.*, 1935, 278: 240-5. — **Stiller, A., & Zysman, A.** Ueber den Zustand des Glykogens im Muskel; Untersuchungen über die Polysaccharoproteide. *Ibid.*, 281: 231-7. — **Noll, A.** Zum Glykogenachweis in der Muskelatur. *Virchows Arch.*, 1934, 293: 409-12. — **Olmsted, J. M. D., & Coulthard, H. S.** The effect of low glycogen content on the fatigue curve and lactic acid formation in excised muscle. *Am. J. Physiol.*, 1928, 84: 610-7. — **Parnas, J. K.** Der Mechanismus der Glykogenolyse im Muskel. *Erg. Znmforsch.*, 1937, 6: 57-110. — **Polonovski, M., Bizard, G., & Warenbourg, H.** Action de l'insuline sur la glycogénolyse musculaire chez le chien. *C. rend. Acad. sc.*, 1937, 204: 1090-2. — **Procter, H. A., & Best, C. H.** Changes in muscle glycogen accompanying physical training. *Am. J. Physiol.*, 1932, 100: 506-10. — **Rojas, P., & Resta, L. S.** Histofisiología del glucógeno muscular. *Rev. Soc. argent. biol.*, 1937, 13: 295-300, 4 pl. — Una nueva observación sobre el glucógeno muscular. *Ibid.*, 1938, 14: 350. — **Russell, J. A.** The anterior pituitary factor which maintains muscle glycogen in fasted hypophysectomized rats. *Endocrinology*, 1938, 22: 80-5. — **Sahyun, M., Simmonds, R., & Working, H.** The effect of diet on the distribution of glycogen in the skeletal muscle of the rat. *Am. J. Physiol.*, 1934, 108: 708-12. — **Sharp, J. G.** Post-mortem breakdown of glycogen and accumulation of lactic acid in fish muscle. *Proc. R. Soc., Lond.*, 1934, ser. B, 114: 506-12. — **Young, F. G.** Observations on the chemistry of muscle glycogen. *Biochem. J.*, Lond., 1937, 31: 711-5.

— Pharmacology.

Cori, G. T., & Cori, C. F. The activating effect of glycogen on the enzymatic synthesis of glycogen from glucose-1-phosphate. *J. Biol. Chem.*, 1939, 131: 397. Also repr. — **Pelczarska, I.** [Effect of intravenous injections of glycogen on the level of glycogen in the organs] *Polska gaz. lek.*, 1937, 16: 199. Also *C. rend. Soc. biol.*, 1937, 125: 1079-81.

— Preparations.

Petrie, L. G., & Alsberg, C. L. A method for the preparation of glycogen of the abalone. *Haliotis rufescens*, Swainson. *J. Biol. Chem.*, 1929, 82: 385-95. — **Remy, E.** Die chemische Zusammensetzung handelsüblicher Glykogenpräparate und ihre Beziehung zur Antikörperbildung. *Zschr. Untersuch. Lebensmitt.*, 1938, 76: 36-9. — **Somogyi, M.** The solubility and preparation of phosphorus- and nitrogen-free glycogen. *J. Biol. Chem.*, 1934, 104: 245-53. Also repr. — **Yokoyama, T.** Ueber Darstellung des Hefeglykogens. *Beitr. Physiol.*, 1925, 3: 95-110.

GLYCOGENASE.

Hodgson, T. H. Liver glycogenase. *Biochem. J.*, Lond., 1936, 30: 542-8.—Winter, L. B. The breakdown of glycogen by the glycogenase of heart muscle. *Ibid.*, 1937, 31: 236-9.

GLYCOGENOSIS [Gierke]

See also Glycogen, Metabolism: Disorder; Liver, Hepatomegaly; Metabolism, Disease; see also Ketouria.

SCHUEER, S. *Ueber Hepatomegalia glykogenica mit einem eigenen Fall. 22p. 8°. Heidelberg, 1934.

Anderson, P. M. Glycogen accumulation disease. *Med. J. Australia*, 1935, 1: 362-4. — & Vickery, D. G. R. Von Gierke's glycogen accumulation disease. *Ibid.*, 1934, 1: 753-5.—Antopol, W. Glycogenosis. In *Pract. Libr. M. & S.* (Appleton) N. Y., 1938, Suppl., 253-63.—Atkinson, F. R. B. Von Gierke's disease. *Brit. J. Child. Dis.*, 1939, 36: 261-94.—Beumer, H. Die Glykogenspeicherkrankheit. *Klin. Fortbild.*, 1933, 1: 327-36. — Glykogenspeicherkrankheit; klinisches Referat. *Verh. Deut. path. Ges.* (1938) 1939, 31: 188-200.—Biedermann, H., & Hertz, W. Zur Glycogenspeicherkrankheit; klinische Beobachtungen. *Zschr. Kinderh.*, 1934, 56: 170-6.—Bischoff, G. Zum klinischen Bild der Glykogenspeicherkrankheit (Glykogenose) *Ibid.*, 1931-32, 52: 722-6.—Cockayne, E. A. Von Gierke's disease. In *Dis. Child.* (Thursfield & Paterson) Lond., 1934, 592.—Comby, J. La maladie glycogénique du foie. *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 1041-5.—Court, A. H., & Bray, S. D. Hepato-nephro-megalia glykogenica (von Gierke) *Med. J. Australia*, 1934, 1: 755.—Ellis, R. W. B. Hepatomegaly in an infant (? hepatomegalia glykogenica? hypertrophic steatosis) *Proc. R. Soc. M.*, Lond., 1934-35, 28: 833-6. — Hepatomegalia glykogenica (von Gierke's disease) associated with infantilism, in three siblings. *Ibid.*, 1180-2. — Glycogen disease. In *Brit. Encycl. M. Pract.* (Rolleston, H.) Lond., 1937, 5: 586-92.—Erben, F., & Küster, F. Glykogenspeicherkrankheit. *Zschr. Kinderh.*, 1936, 58: 178-87.—Esser, M., & Scheidegger, S. Glykogenkrankheit; Beobachtung eines Falles. *Schweiz. med. Wschr.*, 1937, 67: 970-2, pl.—Fischler, F. Zur Frage der Glykogenspeicherkrankheit. *Deut. med. Wschr.*, 1938, 64: 1385-8.—Fließ, M. M., & Bloom, S. M. Von Gierke's glycogen storage disease; case report with unusual findings. *J. Pediat.*, S. Louis, 1938, 12: 635-40.—Gierke's (Von) disease. *Lancet*, Lond., 1934, 1: 1351.—Gierke, E. von. Ueber Speicherung und Speicherrkrankheiten (Thesaurismosen) *Med. Klin. Berl.*, 1931, 27: 576; 611. — Ueber Glykogenspeicherkrankheit. *Beitr. path. Anat.*, 1937, 99: 369-84.—Goldmann, F. Etude sur la maladie glycogénique. *Rev. fr. pédiat.*, 1938, 14: 494-516.—Harnapp, G. O. Zur Klinik der Hepatomegalien mit Kohlehydratstoffwechselstörungen; Glykogenspeicherkrankheit. *Mtschr. Kinderh.*, 1936, 66: 169-83.—Karlström, F. Glycogenosis. *Acta paediat.*, Upps., 1937-38, 20: 497-522.—Kato, K. Storage diseases (thesaurismoses) glycogen disease and calcinosis. In *Pract. Pediat.* (Brennemann, J.) Hagerstown, 1937, 3: chap. 24, 13.—Lindsay, L. M., Ross, A., & Wiggesworth, F. W. Von Gierke's glycogen disease. *Ann. Int. M.*, 1935-36, 9: 274-81.—Loeschke, A. Zur Klinik der Glykogenspeicherkrankheit (von Gierke'sche Krankheit) *Zschr. Kinderh.*, 1932, 53: 553.—Ludbrook. A case of glycogen disease or von Gierke's disease. *N. Zealand M. J.*, 1940, 39: 208-11.—McKeon, J. A. von Gierke's disease; a case report with comment. *Newcastle M. J.*, 1937, 17: 79-88, pl.—Mauriac, P. Hépatomégalias de l'enfance avec troubles de la croissance et du métabolisme des glucides. *Paris méd.*, 1934, 93: 525-8.—Neuteboom, J. J. Zur Kenntnis der Glykogenkrankheit (Hepatomegalia glykogenica; Von Gierke-Van Creveld; Cardiomegalia glykogenica; Pompe) *Klin. Wschr.*, 1938, 17: 1437-41. — [Remarkable case of hepatomegalia glykogenica] *Mtschr. kindergesek.*, 1938, 7: 233-43, 3 pl.—News, G. H. Hepatomegaly in an infant; ? von Gierke's disease. *Proc. R. Soc. M.*, Lond., 1937-38, 31: 546.—Rauh, L., & Zelson, C. Disturbance in glycogen metabolism with hepatomegaly (von Gierke's disease) *Am. J. Dis. Child.*, 1934, 47: 808-20.—Rocha, J. M. da. Doença do glicogénio (Glykogenkrankheit) *Brasil med.*, 1934, 48: 806.—Ross, A., & Lindsay, L. M. Von Gierke's disease. *Am. J. Dis. Child.*, 1935, 49: 814.—Schachter-Nancy, M. La glycogénose, maladie de Gierke. *Rev. méd. chir. mal. foie*, 1937, 12: 122-38.—Schall, L. Drei Fälle von Glykogenspeicherkrankheit (Hepatomegalia glykogenica von Gierke) *Münch. med. Wschr.*, 1932, 79: 2078-80.—Scott, E. G. A note on von Gierke's disease, a new disease of children. *Virginia M. Month.*, 1935-36, 62: 601.—Srámek, R. [Glycogen disease] *Cas. l'ek. česk.*, 1935, 74: 239.—Stolleis, D. Beitrag zur Klinik der Glykogenspeicherkrankheit. *Med. Welt*, 1939, 13: 1580-4.—Sundal, A. Glykogenosis (von Gierke's Krankheit) klinische Untersuchung über einen Fall von Glykogenspeicherkrankheit, samt eine Übersicht über das klinische Bild der Glykogenose und über die hepatogenen Wachstumshemmungen. *Acta paediat.*, Upps., 1936, 19: 80-103.—Tumen, H. J. Glycogen storage disease, von Gierke's disease. In *Cyclop. Med.*

(Piersol-Bortz) Phila., 1939, 6: 828-34.—Unshelm, E. Die Glykogenkrankheit (zugleich ein Beitrag zur Frage des hepatogenen Infantillismus) *Jahrb. Kinderh.*, 1932, 3. F., 87: 257-302. Also *Deut. med. Wschr.*, 1934, 60: 633-8.—Van Creveld, S. Disturbances in glycogen metabolism in childhood. *Acta paediat.*, Upps., 1933, 16: 162-5. — Investigations on glycogen disease. *Arch. Dis. Childh.*, Lond., 1934, 9: 9-26. Also *Medicine*, Balt., 1939, 18: 1-128.—Warner, E. C. A case of hepatomegaly due to von Gierke's disease. *Lancet*, Lond., 1933, 1: 1070. — Hepatomegaly of unknown origin (probably von Gierke's disease) *Proc. R. Soc. M.*, Lond., 1933, 26: 1006.—Watson, P. Hepatomegaly; ? von Gierke's disease. *Ibid.*, 1934-35, 28: 150.—Wilder, R. L. A case of hepatomegalia glykogenica: von Gierke's glycogen storage disease. *J. Pediat.*, S. Louis, 1935, 7: 214-9.—Worster-Drought, C. Hepatomegaly with persistent ketonuria in a child; probably a case of von Gierke's glycogen accumulation disease with functional recovery. *Brit. M. J.*, 1933, 1: 403-5. — & Weber, C. P. Hepatomegalie verbunden mit dauernder Ketonurie (ein Beitrag zur Glykogenspeicherkrankheit von Gierkes) *Münch. med. Wschr.*, 1933, 80: 765.

Pathology.

Antopol, W., Heilbrunn, J., & Tuchman, L. Enlargement of the heart due to abnormal glycogen storage in von Gierke's disease. *Am. J. M. Sc.*, 1934, 188: 354-9, 2 pl.—Beumer, H. Ueber den Cholesterinstoffwechsel bei der Glykogenspeicherkrankheit. *Münch. med. Wschr.*, 1937, 84: 1007-9. — & Löschke, A. Zum Stoffwechsel und zur Differentialdiagnose der Glykogenspeicherkrankheit. *Ibid.*, 1933, 80: 377.—Biedermann, H., & Hertz, W. Die Verwertbarkeit möglicherweise genossenen Zuckers bei Glykogenspeicherkrankheit. *Deut. Arch. klin. Med.*, 1933-34, 176: 267-71.—Chrometzka, F., & Brunnen, H. Ferment-chemische Untersuchungen über die Glykogenspeicherkrankheit (von Gierke) *Zschr. klin. Med.*, 1939, 136: 122-39.—Ellis, R. W. B., & Payne, W. W. Glycogen disease (von Gierke's disease; hepatonephro-megalia glykogenica) *Q. J. Med.*, Lond., 1936, 5: 31-49, 2 pl.—Erben, F. Einblicke in den Kohlehydratstoffwechsel durch das Studium der Glykogenose. *Zschr. klin. Med.*, 1938, 134: 31-70.—Faber, V. Ueber die Glykogenkrankheit (Hepatonephromegalia glykogenica) *Frankf. Zschr. Path.*, 1934-35, 47: 443-53. — & Vendég, V. Vergleichende Untersuchungen am Leberglykogen eines glykogenkranken Säuglings und an jenem normaler Tiere. *Zschr. ges. exp. Med.*, 1935, 97: 86-90.—Fan, Ch'uan, & Woo, T. T. The muscular dysfunction in glycogen storage disease. *Chin. M. J.*, 1940, 58: 88-97.—Fasold, H. Hypophysen-Vorderlappenextrakt und Glykogenspeicherkrankheit. *Zschr. ges. exp. Med.*, 1933-34, 92: 63-5.—Gardner, E., & Simpson, K. Sudden death from von Gierke's (glycogen) disease. *Lancet*, Lond., 1938, 1: 659-61.—Gierke, E. von. Hepato-Nephromegalia glykogenica (Glykogenspeicherkrankheit der Leber und Nieren) *Beitr. path. Anat.*, 1929, 82: 497-513, 2 pl.—Goeters, W. Beitrag zur Pathogenese der Glykogenspeicherkrankheit. *Arch. Kinderh.*, 1939, 118: 26-39.—Günther, R. Beitrag zur Kenntnis der Glykogen-Speicherkrankheit. *Virehows Arch.*, 1939, 304: 87-96.—Harnapp, G. O. Differentialdiagnose und Pathogenese der Glykogenspeicherkrankheit. *Mtschr. Kinderh.*, 1936, 66: 194-212.—Hertz, W. Zur Pathogenese der Glykogenspeicherkrankheit. *Klin. Wschr.*, 1933, 12: 1144. — Fermentuntersuchungen bei Glykogenspeicherkrankheit. *Ibid.*, 1725-7. — Stoffwechseluntersuchungen bei Glykogenspeicherkrankheit. *Zschr. Kinderh.*, 1933, 55: 588-601. — Analyse der Wuchsformen bei bisher beschriebenen Fällen von Glucogenose. *Ibid.*, 1934, 56: 177-85. — Untersuchungen über das Kohlehydrathormon des Hypophysenvorderlappens im Blut bei Glucogenspeicherkrankheit. *Ibid.*, 1934-35, 57: 525-31. — Untersuchungen über den vitalen und postmortalen Kohlehydratstoffwechsel bei Glykogenose und gestörter Schilddrüsenaktivität. *Ibid.*, 1936, 58: 259-65.—Hogg, P., & Sidbury, J. B. A case of von Gierke's disease with marked lipemia. *J. Pediat.*, S. Louis, 1937, 10: 798-801.—Humphreys, E. M., & Kato, K. Glycogen-storage disease; thesaurismosis glykogenica (von Gierke) *Am. J. Path.*, 1934, 10: 589-613, 2 pl.—Kimmelstiel, P. Ueber Glykogenose. *Beitr. path. Anat.*, 1933, 91: 18, pl.—Krakower, C. The lipid factor in glycogen storage disease. *J. Pediat.*, S. Louis, 1936, 9: 728-43.—Linneweh, F. Zur Pathogenese der Glykogenkrankheit. *Mtschr. Kinderh.*, 1937, 70: 238-58.—Loeschke, A. Neuere Untersuchungen über die Ursache der Glykogenspeicherkrankheit. *Deut. Zschr. Verdauungskr.*, 1938-39, 1: 204-11.—Moia, B., & Batlle, F. F. La glycogenosis cardiaca. *Rev. argent. card.*, 1940-41, 7: 39-49.—Naish, A. E., & Gumpert, T. E. Von Gierke's disease associated with amyloporrhoea. *Brit. M. J.*, 1936, 1: 360-2.—Paradiso, F. Contributo clinico-istologico allo studio della malattia glicogenica nel bambino. *Pediatrics (Riv.)*, 1938, 46: 32-55.—Putscher, W. Ueber angeborene Glykogenspeicherkrankheit des Herzens: Thesaurismosis glykogenica [von Gierke] *Beitr. path. Anat.*, 1932, 90: 222.—Siegismund, H. Glykogenspeicherkrankheiten; pathologisches Referat. *Verh. Deut. path. Ges.* (1938) 1939, 31: 150-87.—Thannhauser, S. J., Sorkin, S. Z., & Boncoddio, N. F. The amylolytic and phosphatase activity of liver tissue in von Gierke's disease. *J. Clin. Invest.*, 1940, 19: 681-3.—Van Creveld, S. Investigations on glycogen-

disease. *Acta brev. neerl.*, 1933, 3: 77-9. — [Observations on glycogen storage diseases]. *Ned. tscr. geneesk.*, 1933, 77: 4659-76. — **Walthard, B.** Die Beeinflussung der Atmung der Leber durch hochgradige Glykogenspeicherung. *Zschr. ges. exp. Med.*, 1934, 93: 242-5. — **Wolff, K.** Beitrag zur Morphologie und Chemie der Glykogenspeicherkrankheit. *Beitr. path. Anat.*, 1936, 97: 289-306.

— Treatment.

Paradiso, F., & Pafumi, A. Sul valore della röntgentherapie epatica nella malattia di Gierke. *Poliell. inf.*, Tor., 1939, 7: 145-62. — **Pincherle, M., & Antonini, M.** Sindrome tipo Gierke in soggetto della prima infanzia; controlli clinico-diagnostici e tentativo terapeutico. *Bull. sc. med.*, Bologna, 1938, 110: 75-82. — **Scharf, I.** Zur Diagnose und Behandlungsfähigkeit der Glykogenspeicherkrankheiten. *Mtschr. Kinderh.*, 1936, 66: 397-9.

GLYCOL.

See also **Alcohols.**

Hofbauer, A. *Beiträge zur Toxikologie des Äthylenglykols und der Glykole. 29p. 8: Würzb., 1933.

Brown, C. L. M. Constitution and toxicity of the glycols. *Pharm. J., Lond.*, 1935, 85: 49. — **Bucciardi, G.** I glicoli nella terapia; nota sintetica sperimentale. *Arch. ital. sc. farm.*, 1939, 8: 1-34. — **Caccuri, S.** Ricerche istologiche nell'intossicazione da glicoli. *Ber. Internat. Kongr. Unfallmed.* (1938) 1939, 8: Congr., 2: 901. — **Haag, H. B., & Bond, W. R.** Some notes on glycol; glycol-chloroform anesthesia. *J. Lab. Clin. M.*, 1926-27, 12: 882. — **Kesten, H. D., Mulinos, M. G., & Pomerantz, L.** Pathologic effects of certain glycols and related compounds. *Arch. Path., Chic.*, 1939, 27: 447-65. — **Mauvo, V.** Chetonomia, lipemia e creatinemia nelle intossicazioni di glicoli. *Ber. Internat. Kongr. Unfallmed.* (1938) 1939, 8: Congr., 2: 902.

— butylene.

Fulmer, E. I., Christensen, L. M., & Kendall, A. R. Production of 2, 3-butylene glycol by fermentation; effect of sucrose concentration. *Indust. Engin. Chem.*, 1933, 25: 798.

— Derivatives.

See also **Glycolic acid; Mandelic acid; Wax.**

Frank, H. *Zur Kenntnis der Diolsalze und der Sulfonsäuresalze dreiwertiger Metalle [Zürich] 45p. 23cm. Hamb., 1920.

Aiazzi-Mancini, M. Intorno alla tossicità dei glicoli etilenico e propilenico. *Boll. Soc. ital. biol. sper.*, 1939, 14: 63-71. — **Balla, E.** Sur quelques aryl-glycols. *C. rend. Acad. sc.*, 1934, 198: 947. — **Cuadrado, G. A.** Informe sobre el phos phoglykol (cuarto informe). *An. Acad. cienc. méd. Habana.*, 1908-9, 45: 296-301. — **Goldwater, L. J.** The glycols and their derivatives. *Indust. Hyg. Bull.*, 1938, 17: No. 3, 6-7. — **Holck, H. G. O.** Glycerin, ethylene glycol, propylene glycol and diethylene glycol. *J. Am. M. Ass.*, 1937, 109: 1517-20. — **Laug, E. P., Calvery, H. O.** [et al.] The toxicology of some glycols and derivatives. *J. Indust. Hyg.*, 1939, 21: 173-201. — **Palfray, L., & Robart, M.** Sur quelques éthers monoalcoylés du glycol, à poids moléculaire élevé. *C. rend. Acad. sc.*, 1934, 198: 2183-5. — **Rae, J.** The preservative properties of ethylene and propylene glycol. *Pharm. J., Lond.*, 1938, 86: 517.

— ethylene, and di-ethylene.

Aiazzi Mancini, M. Ricerche farmacologiche sul glicol etilenico. *Boll. Soc. ital. biol. sper.*, 1935, 10: 964. — **Esperienze farmacologiche e considerazioni critiche sul glicol etilenico.** *Arch. fisiol.*, Fir., 1935-36, 35: 157-62. — **Akazaki, K., & Wakamatu, E.** Ueber die hypodermische Degeneration der Harnkanälchenepithelien und der Leberzellen durch Diäthylenglykol. *Tr. Soc. path. jap.*, 1939, 29: 405-16. — **Brekke, A.** [Two cases of poisoning by ethylene glycol; acute uremia cured by unilateral decapsulation of kidney] *Norsk mag. lægevid.*, 1930, 91: 381-8. — **Brindley, P., & Kelsey, M. P.** Diethylene glycol poisoning; report of a case with necropsy findings. *Texas J. M.*, 1938-39, 34: 426-31. — **Busquet, H.** Sur les effets convulsifs et décurarissants du glycol éthylénique. *C. rend. Soc. biol.*, 1938, 128: 56-8. — **Caccuri, S.** Intossicazione di glicoli; il glicoletilene; ricerche sperimentali, usi industriali; importanza nella patologia del lavoro. *Fol. med.*, Nap., 1939, 25: 829-39. — **Cerabona, M.** Intossicazione da glicoli; l'equilibrio elettrolitico del sangue nella intossicazione da glicoletilene. *Ibid.*, 1139-44. — **Greenberg, L.** Toxic concentrations of ethylene glycol monomethyl ether. *Indust. Hyg. Bull.*, 1938, 17: No. 4, 1-4. — **Haag, H. B.** Studies on the physiologic action of di-ethylene glycol. *J. Lab. Clin. M.*, 1936-37, 22: 341-6. — **Ambrose, A. M.** Studies on the physiological effect of diethylene glycol. *J. Pharm. Exp. Ther.*, 1937, 59: 93-100. — **Hansen, K., Brugsaaard, A., & Speilberg, T.** [Ethylene glycol poisoning] *Norsk mag. lægevid.*, 1938, 99: 875-84. — **Hanzlik, P. J., Seidenfeld, M. A., & Johnson, C. C.** General properties, irritant and toxic actions of ethylene glycol.

J. Pharm. Exp. Ther., 1931, 41: 387-406. — **Hofmeister, L.** Die Wirkung von Äthylenglykol auf die Plastiden von Spirogyra. *Protoplasma*, Lpz., 1937, 28: 48-65. — **Huddleston, O. L.** Electrocardiographic changes in ethylene glycol poisoning. *Proc. Soc. Exp. Biol.*, N. Y., 1939, 42: 312-5. — **Lauter, W. M., & Vrla, V. L.** Toxicity of triethylene glycol and the effect of para-amino-benzene-sulfonamide upon the toxicity of this glycol. *J. Am. Pharm. Ass.*, 1940, 29: 5-8. — **Lynch, K. M.** Diethylene glycol poisoning in the human. *South. M. J.*, 1938, 31: 134-7. — **Manning, J. F., & Mason, J. P.** Solid derivatives of monoalkyl ethers of ethylene glycol and diethylene glycol. *J. Am. Chem. Soc.*, 1940, 62: 3136-41. — **Mauvo, V.** Intossicazione da glicoli; il comportamento dei corpi creatinici nella intossicazione da glicoletilene. *Fol. med.*, Nap., 1939, 25: 840; 986; 1026. — **Middleton, A. W.** A rapid qualitative test for ethylene glycol and its application in the presence of glycerol. *Analyst, Lond.*, 1934, 59: 522-4. — **Oettingen, W. F. von, & Jirouch, E. A.** The pharmacology of ethylene glycol and some of its derivatives in relation to their chemical constitution and physical chemical properties. *J. Pharm. Exp. Ther.*, 1931, 42: 355-72. — **Page, I. H.** Ethylene glycol; a pharmacological study. *Ibid.*, 1926-27, 30: 313-20. — **Prévost, C., & Kiun Houo, Ou.** Sur une scission des alcools primaires et secondaires β-éthyléniques. *C. rend. Acad. sc.*, 1938, 206: 1661. — **Taeger, H.** Dreihundneunzig tödliche Vergiftungen durch Diäthylenglykol. *Samm. Vergift.*, 1938, 9: A, 3-10. — **Waite, C. P., Patty, F. A., & Yant, W. P.** Acute response of guinea pigs to vapors of some new commercial organic compounds; cellosolve (mono-ethyl ether of ethylene glycol) *Pub. Health Rep.*, Wash., 1930, 45: 1459-66.

— methylene.

Werkman, C. H., & Gillen, G. F. Production of trimethylene glycol by fermentation. *Proc. Soc. Exp. Biol.*, N. Y., 1930-31, 28: 462.

— propylene.

Braun, H. A., & Cartland, G. F. The toxicity of propylene glycol. *J. Am. Pharm. Ass.*, 1936, 25: 746-9. — **Brown, C. L. M.** Some properties of the glycols with special reference to the use of propylene glycol as a solvent in pharmaceutical preparations. *Q. J. Pharm.*, Lond., 1935, 8: 390-7. — **Hanzlik, P. J., Lehman, A. J.** [et al.] General metabolic and glycolytic actions of propylene glycol and some other glycols. *J. Pharm. Exp. Ther.*, 1939, 67: 114-26. — **Hanzlik, P. J., Newman, H. W.** [et al.] Toxicity, fats and excretion of propylene glycol and some other glycols. *Ibid.*, 101-13. — **Newman, H. W., & Lehman, A. J.** Propylene glycol: rate of metabolism absorption, and excretion with a method for estimation in body fluids. *Ibid.*, 1937, 60: 312-22. — **Also Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 601-3. — **Newman, H. W., Van Winkle, W., Jr.** [et al.] Comparative effects of propylene glycol, other glycols, and alcohol on the liver directly. *J. Pharm. Exp. Ther.*, 1940, 68: 194-200. — **Rae, J.** Propylene glycol extracts; the stability of vegetable colouring matters. *Pharm. J., Lond.*, 1935, 4, ser., 81: 539. — **Seidenfeld, M. A., & Hanzlik, P. J.** The general properties, actions and toxicity of propylene glycol. *J. Pharm. Exp. Ther.*, 1932, 44: 109-21. — **Van Winkle, W., Jr., & Kennedy, N. K.** Voluntary running activity of rats fed propylene glycol and other glycols. *Ibid.*, 1940, 69: 140-2. — **Weatherby, J. H., & Haag, H. B.** Toxicity of propylene glycol. *J. Am. Pharm. Ass.*, 1938, 27: 466-71.**

GLYCOLASE.

Neuberg, C., & Kobel, M. Ueber die Beständigkeit der Glykolase. *Biochem. Zschr.*, 1931, 238: 250.

GLYCOLIC acid.

See also **Glycol, Derivatives.**

Kolvenbach, W. *Ueber Abkömmlinge der Diphenylenglykolsäure und Tetraphenylbernsteinsäure. 44p. 8° Königsb., 1897.

Godchot, M., & Viéles, P. Sur l'acide méthylglycolique actif et ses dérivés. *C. rend. Acad. sc.*, 1936, 202: 1358-60. — **McKenzie, A., & Ritchie, P. D.** Die Bildung von optisch aktiven substituierten Glykolsäuren aus 1-Methyl- und 1-Bornyl-α-Naphthoylesteren. *Biochem. Zschr.*, 1931, 231: 112-22. — **Rona, P., Ammon, R., & Trurnit, H. I.** Die enzymatische Bildung von Mandelsäureestern. *Ibid.*, 1932, 247: 100-12. — **Sido, M.** Cyclische Imidäther der Diglykolsäure als Süßstoffe. *Arb. Pharm. Inst. Univ. Berlin*, 1921, 12: 149-58. — **Sieburg, E., & Vietense, K.** Ueber das biochemische Verhalten von Glykolsäure und Oxalsäure, insbesondere gegen isolierte menschliche Organzellen. *Zschr. physiol. Chem.*, 1919, 108: 207-28.

GLYCOLIPID.

See proper names of glycolipids as **Cerebroside.**

GLYCOLYLUREA.

See **Hydantoin.**

GLYCOLYSIS.

See also **Blood sugar**, **Glycolysis**; **Carbohydrates**, **Metabolism**; **Glycogen**; also under proper names of glucides.

Albertoni, P. Ricerche sperimentali sulla glicolisi. Mem. Accad. sc. Ist. Bologna, 1924-25, 8. ser., 2: 67-74. Also Arch. fisiol., Fir., 1925, 23: 21-9.—**Barer, A. P.** A study of glycolysis. J. Clin. Invest., 1931, 10: 507-20.—**Boer, J.** [Glycolysis in vitro]. Ned. tschr. geneesk., 1935, 79: 2982.—**Cech, A., & Pěnkava, J.** [On glycolysis]. Cas. lek. česk., 1934, 73: 1357-62.—**Grossi, G.** La glicolisi fetale nei vari stadi di sviluppo del feto. Pol. demogr. gyna., Genova, 1937, 34: 305-8.—**Hamilton-Paterson, J. L., & Johnson, E. W. M.** Post-mortem glycolysis. J. Path. Bact., Lond., 1940, 50: 473-82.—**Herken, H.** Untersuchungen über Glykolyse. Arch. exp. Zellforsch., 1938-29, 22: 626-31.—**Lennerstrand, A.** Aerobe and anaerobe Glykolyse bei der Entwicklung des Frosches (Rana temporaria L.). Zschr. vergl. Physiol., 1933-34, 20: 287-90.—**Mayer, N.** Sur l'inhibition de la glycolyse. C. rend. Soc. biol., 1939, 130: 1422-4.—**Moruzzi, G., Moruzzi, G., & Bartoli, M. A.** Contributo al problema della reazione di Pasteur-Meyerhof. Arch. sc. biol., Bologna, 1939, 25: 178-88.—**Needham, J., & Nowinski, W. W.** General aspects of anaerobic glycolysis. Biochem. J., Lond., 1937, 31: 1165-81.—**Polonovski, M., & Warembourg, H.** Nouveau test d'insuffisance glycolytique; sa signification et sa valeur diagnostique. Presse méd., 1933, 41: 793-6.—**Ponomarewa, J.** Die mitogenetische Spektralanalyse; das detaillierte glykolytische Spektrum. Biochem. Zschr., 1931, 239: 424-9.—**Raab, W.** Beitrag zum Glykolyseproblem. Ibid., 1928, 194: 473-6.—**Rachiusa, S.** Rilievi di tecnica a proposito della glicolisi; influenza dello scuotimento. Boll. Soc. biol. sper., 1926, 1: 275-7.—**Rosenthal, O., Bowie, M. A., & Wagoner, G.** On the interdependence of respiration and glycolysis. Science, 1940, 92: 382.

Chemistry.

Stiess, A. *Ueber die Darstellung der Zwischenprodukte der Glykolyse im Muskel und in der Hefe [München] 13p. 21cm. Würzb., 1938.

Abraham, A., & Altmann, M. Das Verhalten der Glykolyse unter Phosphatwirkung. Klin. Wschr., 1927, 6: 456.—**Aibara, C.** Beiträge zur Frage der Glykolyse. J. Biochem., Tokyo, 1922, 1: 457-78.—**Barrenscheen, H. K., Braun, K., & Dreguss, M.** Glykolysehemmung und Methylglyoxalanhäufung. Ibid., 1932: 165; 240: 381.—**Barrenscheen, H. K., & Filz, W.** Untersuchungen zur Frage der Cofermentwirkung; Glykolysehemmung und Ammoniakabspaltung. Biochem. Zschr., 1931, 210: 409-22.—**Brock, N., Druckrey, H., & Herken, H.** Untersuchungen über Glykolyse; methodische Voruntersuchungen. Ibid., 1938-39, 300: 1-13.—**Dugal, L. P.** The use of calcareous shell to buffer the product of anaerobic glycolysis in *Venus mercenaria*. J. Cellul. Physiol., 1939, 13: 235-51.—**Eichholtz, F., & Baumgart, K.** Ueber die Vergiftung des Glykolysevorgangs. Arch. exp. Path., Berl., 1935, 178: 161-6.—**Euler, H. von, & Günther, G.** Aktivatoren der Glykolyse; Co-Zymase und Adenosintriphosphorsäure. Zschr. physiol. Chem., 1935, 235: 104; 237: 221; 1936, 239: 83.—**Ferdman, D. L.** [Data on separate fermentative links of the glycolysis process]. Usp. sovrem. biol., 1940, 12: 270-89.—**Jost, H., & Emde, H.** Ueber die chemischen Umwandlungen der Triosephosphorsäuren bei der Glykolyse. Zschr. physiol. Chem., 1939, 261: 225-39.—**Keeser, E.** Ueber die Wirkung verschiedener Lichtarten auf die Glykolyse. Arch. exp. Path., Berl., 1933, 170: 500-9.—**Kraut, H., & Borkowsky, F.** Ueber die Isolierung des Co-Fermente T der Glykolyse aus normalem Gewebe. Zschr. physiol. Chem., 1933, 220: 173-85.—**Lipmann, F.** Ueber eine Aktivierung der Glykolyse durch Kupfer. Biochem. Zschr., 1934, 268: 314-6.—**Ueber die Induktion der Glykolyse.** Ibid., 1935, 276: 234-8.—**Lundsgaard, E.** Die Glykolyse. Erg. Enzymforsch., 1933, 2: 179-203.—**Needham, J., & Lehmann, H.** Intermediary carbohydrate metabolism in embryonic life; the phosphorylation cycles; glycolysis without phosphorylation; experiments on the nature of non-phosphorylating glycolysis. Biochem. J., Lond., 1937, 31: 1210; 1913.—**Glycolysis without phosphorylation in the chick embryo.** Nature, Lond., 1937, 139: 368.—**Ohle, H.** Die Chemie der Monosaccharide und der Glykolyse. Erg. Physiol., 1932, 33: 558-701.—**Pillai, R. K.** Action of arsenate in glycolysis. Biochem. J., Lond., 1938, 32: 1961-73.—**Schoeller, W., & Gehrke, M.** Ueber die Hemmung der Glykolyse von lebenden Hefezellen; die spezifische Hemmung. Klin. Wschr., 1930, 9: 1129.—**Süllmann, H.** Ueber die Hemmung der Glykolyse durch Glycinaldehyd. Biochem. Zschr., 1938, 296: 325-47.—**Tizzano, A.** Inibizione della glicolisi bacterica con narcotici indifferenti. Riv. biol., 1937, 23: 404-10.—**Viale, G., & Combes, T.** La acción glicolítica del ácido hexosedifosfórico. Rev. Soc. argent. biol., 1926, 2: 494-6. Also C. rend. Soc. biol., 1927, 96: 229.—**Wagner-Jauregg, T., & Zappa, H. W.** Vergiftung der Glykolyse durch Schwermetalle; Reaktivierung durch Warburgsches Co-Ferment und durch Eulerschen Co-Zymase; vorläufige Mitteilung. Zschr. physiol. Chem., 1936, 240: p. i-iv.

in tissue.

See also names of tissues as **Liver**, **Metabolism**; **Muscle**, **Metabolism**; **Nerve**, &c.

Alders, N., Chiari, H., & László, D. Ueber das glykolytische Vermögen zellfreier Extrakte aus Tumoren und anderen Geweben. Biochem. Zschr., 1927, 180: 46-60.—**Boydland, E., & Mawson, C. A.** Studies in tissue metabolism; a comparison of muscle and tumour glycolysis. Biochem. J., Lond., 1934, 28: 1409-16.—**Bumm, E., Appel, H., & Fehrenbach, K.** Ueber die Beziehungen zwischen Glykolyse und Atmung im tierischen Gewebe. Zschr. physiol. Chem., 1934, 223: 207-14.—**Case, E. M.** Glycolysis in muscle and other tissues. Biochem. J., Lond., 1929, 23: 210-8.—**Crabtree, H. G.** Retardation of the rate of tumour induction by substances which inhibit glycolysis. J. Path. Bact., Lond., 1940, 51: 303-9.—**Dickens, F., & Simer, F.** Observations on tissue glycolysis; the effect of fluoride and some other substances. Biochem. J., Lond., 1929, 23: 936-58.—**[Glycolysis in normal and in neoplastic tissues]** Bratisl. lek. listy, 1930, 10: 843-465.—**Dixon, M.** The measurement of tissue glycolysis in serum. Biochem. J., Lond., 1937, 31: 924-33.—**Holmes, B. E.** The effect of X-rays on the glucose and hexosephosphate glycolysis of tumour tissue. Proc. R. Soc., Lond., ser. B, 1939, 127: 223-37.—**Jost, H.** Ueber die anaerobe Glykolyse in der Niere. Zschr. physiol. Chem., 1934, 230: 96-108.—**Knake, E.** Ueber die Beziehungen von Gewebswachstum, Glykolyse und Sauerstoffdruck. Dent. Zschr. Chir., 1934, 243: 633-54.—**Krantz, J. C., Jr., Musser, R. [et al.]** Glycolysis and tumor growth. Am. J. Cancer, 1937, 30: 332-4.—**Kraut, H., & Bumm, E.** Ueber das glykolytische Vermögen verschiedener Organe und seine Abhängigkeit vom Co-Fermentgehalt. Zschr. physiol. Chem., 1929, 184: 196-204.—**Lenti, C.** Sulla glicolisi nel rene. Boll. Soc. ital. biol. sper., 1938, 13: 659-61.—**Mauria, P., & Sorvance, L.** L'activité glycolytique des organes. Rev. path. comp., Par., 1922, 22: 137.—**Needham, J., Lehmann, H., & Nowinski, W. W.** A propos de la glycolyse des tissus embryonnaires. C. rend. Soc. biol., 1940, 133: 6-8.—**Negelein, E.** Ueber die glykolytische Wirkung des embryonalen Gewebes. Biochem. Zschr., 1925, 165: 122-33.—**Peskina, E. N., & Utevsky, A. M.** Contributions to the biochemistry of adrenalin and the adrenal system; effect of glycolytic poisons (NaF, CH₂ICOOH) on glycolysis in the chromaffine tissue and in sympathetic ganglia. Bull. biol. méd. exp. URSS, 1938-39, 6: 684-7.—**Rubel, W. M.** Ueber den Zusammenhang von Glykolyse und Proteolyse der Gewebe. Biochem. Zschr., 1935-36, 283: 180-9.—**Utevsky, A., & Epstein, S.** Der intermediäre Stoffwechsel in den endokrinen Drüsen; Glykolyse in Gl. suprarenalis und Corpus luteum. Ibid., 1934, 273: 359-61.—**Wazier, M. J., & Lippmann, R.** Les phosphorylations dans la glycolyse tissulaire. Bull. Soc. chim. biol., Par., 1938, 20: 312-24.—**Weil-Malherbe, H.** Observations on tissue glycolysis. Biochem. J., Lond., 1938, 32: 2257-75.—**Yanagisawa, Y.** Beiträge zur Kenntnis der Gewebsatmung und anaeroben Glykolyse. Kekkaku, 1933, 11: 14.—**Zamyckkina, K. S.** Glycolysis in the alimentary tract. Bull. biol. méd. exp. URSS, 1938-39, 6: 565-8.

GLYCOPROTEIN.

See also **Blood sugar**, **Types**; **Carbohydrates**, **Types**; **Chondromucoid**; **Mucin**; **Mucic acid**.

ARMENGAUD, M. Les milieux chimiquement définis en bactériologie; les glucoprotéines. 77p. 8°. Lyon, 1905.

Avery, O. T., Goebel, W. F., & Babers, F. H. Chemo-immunological studies on conjugated carbohydrate-proteins; immunological specificity of antigens prepared by combining α - and β -glucosides of glucose with proteins. J. Exp. M., 1932, 55: 769-80.—**Bierry, H.** Sur l'obtention du sucre protéidique. C. rend. Acad. sc., 1934, 198: 1542.—**De Lucia, P.** Ricerche sulle combinazioni fra glucosio e proteine. Boll. Soc. ital. biol. sper., 1927, 2: 260-2.—**Fürth, O., Herrmann, H., & Scholl, R.** Ueber die Essigsäureabspaltung aus Glucoproteiden und deren Beziehung zu den darin enthaltenen Kohlenhydraten. Biochem. Zschr., 1934, 271: 395-413.—**Goebel, W. F., Babers, F. H., & Avery, O. T.** Chemo-immunological studies on conjugated carbohydrate-proteins; the synthesis of p-aminophenol α -glucoside and its coupling with protein. J. Exp. M., 1932, 55: 761-7.—**Goodner, K.** Antigenic properties of certain glucoproteins. J. Infect. Dis., 1925, 37: 285-90.—**Karlberg, O.** Untersuchungen über die Kohlenhydratgruppen einiger Glucoproteide. Zschr. physiol. Chem., 1936, 240: 55-8.—**Kobayasi, T.** Biochemical studies on carbohydrates; urine mucoid. J. Biochem., Tokyo, 1939, 30: 451-8.—**Meyer, K.** The chemistry and biology of mucopolysaccharides and glycoproteins. In Cold Spring Harbor Sympos. Quant. Biol., 1938, 6: 91-102. Also repr.—**& Smyth, E. M.** On glycoproteins; the preparation of chondroitinsulfuric acid. J. Biol. Chem., 1937, 119: 507-10.—**& Palmer, J. W.** On glycoproteins; protein complexes of chondroitinsulfuric acid. Ibid., 501-6. Also repr.—**Przylecki, S. J. von, & Majmin, R.** Ueber Polysaccharoproteide; Verbindungen mit denaturierten Proteinen. Biochem. Zschr., 1934, 271: 168-73.—**Przylecki, S. J. von, Mystkowski, E., & Niklewski, B.** Untersuchungen über die Bindung der Biokolloide; über Polyoso-proteide (Polysaccharoproteide) Ibid., 1933, 262: 260-71.—**Rimington, C.** Seromucoid and the bound carbohydrate of the serum proteins.

Biochem. J., Lond., 1940, 34: 931-40.—**Sato, T.** Biochemical studies on carbohydrates; sclera mucoid and its prosthetic group. J. Biochem., Tokyo, 1940, 31: 351-6.—**Suzuki, M.** Biochemical studies on carbohydrates; prosthetic group of tendomucoid. *Ibid.*, 357-61.

GLYCOSAMINE.

See Glucosamine.

GLYCOSURIA.

See also under names of glucids as **Galactose**; **Galactosuria**; **Glucuronuria**; **Levulosuria**; **Pentosuria**, &c.; also **Blood sugar**. For diabetic glycosuria see **Diabetes mellitus**, **Urine**.

ELIAS, H. Glykosurien, renaler Diabetes und Diabetes mellitus. 88p. 8°. Wien, 1928.

Arkannikov, A. A. [Data for study of glycosuria] Vrach. gaz., 1929, 33: 2489-96.—**Faber, K.** [Benign glycosuria] Ugeskr. læger, 1926, 88: 731-8.—**Glassberg, B. Y.** The incidence of nondiabetic glycosuria. J. Lab. Clin. M., 1935-36, 21: 152-6.—**Graham, G.** Glycosuria. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 5: 593-8.—**Jackson, F. L.** Glycosuria. Med. World, 1935, 53: 48.—**John, H. J.** Nondiabetic glycosuria. Endocrinology, 1926, 10: 115-25.—**Jonas, L.** Non-diabetic glycosuria. Med. Clin. N. America, 1926, 10: 367-71.—**Kamp, J. C.** Benign glycosuria. Colorado M., 1928, 25: 288-90.—**Meyer, W. B.** Nichtdiabetische Glykosurien. Med. Welt, 1929, 3: 637-41.—**Montalván, J. H.** Glucurias. Notas méd., León, 1938, 1: 2; 18.—**Oliver, T. H.** Classification of the glycosurias. Brit. M. J., 1937, 1: 105-9.—**Paullin, J. E.** & **Bowcock, H. M.** Glycosuria. Med. Clin. N. America, 1928-29, 12: 1391-401.—**Powelson, H. C.** & **Wilder, R. M.** Innocent glycosuria. J. Am. M. Ass., 1931, 96: 1562-5. Also repr.—**Rowe, A. W.** & **McManus, M.** Nondiabetic glycosurias. Am. J. M. Sc., 1930, 179: 761-74.—**Schur, H.** Ueber nichtdiabetische Glykosurie. Wien. klin. Wschr., 1935, 48: 826-9.—**Segrest, G. O.** Glycosuria. J. M. Ass. Alabama, 1932, 1: 348-51.—**Smith, L. L.** Glycosuria. Kentucky M. J., 1929, 27: 510-4.—**Sugar in the urine.** J. Am. M. Ass., 1919, 72: 1676. Also Pharm. tid., Kbh., 1866, 5: 378.

— alimentary.

See Glycosuria, nutritional.

— Chemistry.

See also subheading **Diagnosis: Tests**; also **Urine**, **Chemistry**.

Austin, W. C. & **Boyd, T. E.** On the nature of urinary glucose. Am. J. Physiol., 1926, 76: 627-31.—**Carpentier, G.** Divers aperçus sur les sucres réducteurs ou non et l'acétone: chimie, chimie biologique, urologie. J. méd. Paris, 1930, 50: 507; 637.—**Eagle, H. S.** On the nature of the urine sugars. J. Biol. Chem., 1926-27, 71: 481-95.—**Greenwald, L.** & **Gross, J.** & **McGuire, G.** Observations on the nature of the sugar of normal urine. *Ibid.*, 1927, 75: 491-508.—**Hassan, A.** & **El Ayyadi, M. A. S.** The effect of hydrolysis on the sugars of normal urine. Biochem. J., Lond., 1932, 26: 1851-6, pl.—**Horie, H.** A study of the sugar substance in urine. J. Biochem., Tokyo, 1940, 32: 137-60.—**Kolthoff, J. M.** Die Klärung von zuckerhaltigem Harn mit Kohle. Biochem. Zschr., 1926, 168: 122-7.—**Szatankay, A.** Ob die Glykosurie die Quantität des Siliciums im Pankreas und der Leber beeinflusst? Münch. med. Wschr., 1934, 81: 554.—**Van Eck, P. N.** [The reducing power of sugars] Pharm. wbl., Amst., 1927, 64: 400-6.—**Wada, H.** Ueber Veränderungen des Restquotienten C : N im zuckerhaltigen alkalischen Harn infolge von Zersetzungs-vorgängen. Biochem. Zschr., 1926, 171: 210-6.

— Classification, and clinical aspect.

PORTMANN, H. *Begriff und Klinik der Glycosuria innocens [Freiburg] 48p. 8°. Darmst. e. V., 1930.

Bith, H. Glycosuries non diabétiques. Bull. Soc. méd. Paris, 1939, 200-4.—**Brathwaite, F. G.** Glycosuria from the standpoint of significance. N. York State J. M., 1928, 28: 636-45.—**Cambridge, P. J.** Classification of glycosuria from the point of view of insulin treatment. Brit. M. J., 1927, 2: 1020-3.

— The prognosis of symptomless glycosuria. *Ibid.*, 1933, 1: 1208-10.—**Conlin, F.** The classification of the glycosurias with particular reference to prognosis and treatment. Nebraska M. J., 1926, 11: 129-37.—**Conybeare, J. J.** The significance of glycosuria. Guy's Hosp. Gaz., Lond., 1926, 40: 491-5.—**Cooper, E. L.** & **Splatt, B.** The prognosis in glycosuria. Melbourne Hosp. Clin. Rep., 1932, 3: 59-76.—**Doijer, J.** [On some forms of glycosuria] Ned. tsehr. geneesk., 1928, 72: 2768-74.—**Dunlop, D. M.** The significance of glycosuria. Edinburgh M. J., 1939, 46: 369-85.—**Escudero, P.** Glucosurias non diabéticas. Sem. méd., B. Air., 1929, 36: pt 2, 1613-7. Also Tr. Clin. Escudero, B. Air., 1930, 4: 67-80.—**Gilbert-Dreyfus.** Sur un cas de glycosurie du type paradiabétique. Prat. méd. fr., 1932, 13: 600-3.—**Ginsburg, G.** Glycosuria: its significance

and differentiation. Med. Rec., N. Y., 1934, 140: 598-600. Also Hebrew M. J., N. Y., 1937, 2: 266.—**Graubner, W.** Beitrag zur Klinik der Glykosurie. Schweiz. med. Wschr., 1933, 63: 667.—**Hall, S. C., jr.** Non-diabetic glycosuria, with report of cases. Virginia M. Month., 1940, 67: 105.—**Joslin, E. P.** Unclassified glycosurias; their outcome and significance. Proc. Interst. Postgrad. M. Ass. N. America (1930) 1931, 6: 330-2.—**Jouve, A.** Les hyperglycémies et les glycosuries non diabétiques. Marseille méd., 1935, 72: pt 2, 317-52.—**Kelly, H. T.** The significance of sugar in the urine. Pennsylvania M. J., 1932, 35: 553-6.—**Kramer, P.** [Nondiabetic glycosuria] Budapesti orv. ujs., 1931, 29: 905-9.—**Langley, G. J.** Some problems of glycosuria. Brit. M. J., 1928, 1: 1016-8.—**Lawrence, R. D.** Glycosuria of lag storage type: an explanation. *Ibid.*, 1936, 1: 526; 721.—**Leyton, O.** Deviations from the standard. Lancet, Lond., 1929, 1: 427-9.—**Mahler, P.** & **Rischawy, E.** Klinischer Beitrag zur Frage des Diabetes innocens. Deut. Arch. klin. Med., 1926, 151: 212-29.—**Marble, A.** Nondiabetic glycosuria. Internat. Clin., 1934, 44, ser., 4: 17-44.—**May, W. J.** Glycosuria; a report on 100 consecutive cases in private practice. J. M. Ass. S. Africa, 1928, 2: 83-7.—**Paullin, J. E.** The significance of glycosuria. Ann. Int. M., 1929-30, 3: 137-43.—**Price, A. L.** Clinical significance of glycosuria. Hahneman. Month., 1939, 74: 380-3.—**Rubinsteinova, D.** [Case of diabetes innocens] Polska gaz. lek., 1935, 14: 293-5.—**Shapland, C. D.** Glycosuria complicated by gall-stones. Lancet, Lond., 1927, 1: 758.—**Symptomless glycosuria.** Brit. M. J., 1935, 2: 74.—**Watson, B. A.** Clinical significance of glycosuria. J. Lancet, 1938, 58: 1-4.—**Watson, E. M.** A case of lag glycosuria. Lancet, Lond., 1926, 1: 339.

— Diagnosis.

Akerén, Y. Zur Differentialdiagnostik der Glykosurien. Upsala läk. fören. förh., 1928, n. F., 34: 341-67.—**Alves Barros, A.** A clinica e o laboratorio: considerações em torno da glycosuria. Rev. brasil. med., 1928, 4: 135-8.—**Bowen, B. D.** The differential diagnosis of the glycosurias. Bull. Buffalo Gen. Hosp., 1929, 7: 22-8. Also N. York State J. M., 1930, 30: 890-7.—**Chamberlain, E. N.** The differential diagnosis of glycosuria. Practitioner, Lond., 1939, 142: 588-95.—**Exton, W. G.** Differential diagnosis of conditions associated with sugar excretion. N. York State J. M., 1936, 36: 1545-53.—**Grott, G. V.** Sulla diagnosi precoce della glycosuria. Rinasc. med., 1930, 7: 11-3.—**Hatlehol, R.** Value of the blood-sugar curve in distinguishing between benign glycosuria and diabetes mellitus. Acta med. scand., 1936, Suppl. 78, 646-63.—**Holst, J. E.** [Diagnosis of benign glycosuria in practice] Ugeskr. læger, 1927, 89: 396-400.—**Labbé, M.** Diagnostic des glycosuries. Gaz. méd. France, 1932, 745-52.—**McGinty, A. P.** The differential diagnosis of glycosuria. Univ. Hosp. Bull., Ann Arb., 1935, 1: 52.—**Peirier, J.** Glycosuries légères. Bull. Soc. path. exot., Par., 1934, 27: 776-82.—**Salén, E. B.** & **Nyrén, T.** Besteht gegenwärtig die Möglichkeit, gewisse Glykosurieformen mit Sicherheit von der echt diabetischen zu trennen? Acta med. scand., 1929, 70: 303; 330.

— Diagnosis: Tests.

BULLERDIEK, A. *Zuverlässigkeit der Zuckeruntersuchungsmethoden im Urin. 14p. 8°. Berl., 1935.

STRENG, K. O. *Ueber die bakteriologische Analyse des Zuckers im Harn. 145p. 8°. Helsin., 1935.

Acta Soc. med. Duodecim, 1935, ser. A, 18: fasc. 1, 1-149.

Bajusz, M. [Glucose test for sugar in urine] Budapesti orv. ujs., 1935, 33: 653.—**Baneth, A.** [Simple and rapid method for determination of sugar in urine] Gyógyászat, 1936, 76: 666.—**Baril, G.** Causes d'erreurs dans la recherche du sucre urinaire. Union méd. Canada, 1933, 62: 205-15.—**Barnard, R. D.** Nitrite ferrihemochromogen as a reagent for reducing sugars. J. Lab. Clin. M., 1939-40, 25: 751-3.—**Behre, J. A.** & **Muhlberg, W.** Permanent standards to be used with Benedict's clinical quantitative test for sugar in urine. *Ibid.*, 1925-26, 11: 887.—**Benjasch, M.** Zum bakteriologischen Nachweis von Zuckerarten im Harn. Deut. med. Wschr., 1926, 52: 1733.—**Bethoux, L. P.** & **Mounier, P.** La parvianalyse clinique; recherche et dosage simplifiés du glucose dans l'urine d'un diabétique. Gaz. méd. France, 1931, 46-8.—**Boccabella, M.** Sul valore di una nuova reazione per la ricerca del glucosio nelle urine. Pensiero med., 1935, 24: 14-6.—**Bose, J. P.** Reducing substances in the urine: their detection and identification. Ind. M. Gaz., 1926, 61: 173-8.—**Breitman, M. Y.** [Determination of sugar quantity in the urine in diabetes by diurnal quantity and specific gravity] Vrach. gaz., 1930, 34: 46.—**Castellani, A.** & **Taylor, F. E.** Fallacies of the yeast method of detecting glucose in the urine; further observations on a mycologic method to identify various sugars and other carbon compounds. J. Am. M. Ass., 1926, 86: 523-7.—**Cattelain, E.** Histoire d'un réactif; la liqueur de Fehling. J. pharm. chim., Par., 1929, 8, ser., 10: 405.—**Christopher, W. S.** The safranin test for sugar in the urine of children. J. Am. M. Ass., 1903, 40: 1711-8.—**Citron, H.** Ein neuer Apparat zur sofortigen Bestimmung des Harnzuckers (Glukophot) Med. Welt, 1930, 4: 1204.—**Conseils pratiques pour la recherche du sucre dans les urines.** Vie méd., 1922, 3: 1593-5.—**Cook, J. E.** & **Steiner, A.** A clinical method for the estimation of urine sugar. J. Lab.

- Clin. M., 1930-31, 16: 629-31.—**Dinkin, L.** Einfache Methode zur quantitativen Bestimmung des Zuckers im Urin. Med. Klin., Berl., 1931, 27: 1793.—**Drenkhahn.** Einfache Bestimmung der Zuckermenge in der Praxis. Med. Welt, 1932, 6: 160.—**Elliott, B.** The Folin-Berglund method for the quantitative determination of glucose in urine. Am. J. M. Techn., 1937, 3: 49-52.—**Escudero, A.** Prueba de la fenilhidraína; formas atípicas de Malmros. Tr. Clín. Escudero, B. Air., 1930, 4: 270-2, 3 pl.—**Everett, M. R., & Hart, M. O.** The determination of sugar in normal urine. J. Lab. Clin. M., 1926-27, 12: 579-89.—**Exton, W. G., Rose, A. R., & Roehl, E. J.** The identification of glucose and other urinary sugars and reducing substances. Ibid., 1936, 22: 288-93. — Clinical identification and measurement of urinary sugars. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 417-9.—**Exton, W. G., Rose, A. R., & Wells, P. V.** A simple and rapid quantitative test for sugar in urine. Abstr. Proc. Ass. Life Insur. M. Dir. America (1926-27) 1928, 14: 436-44.—**Fine, J.** Benedict's qualitative test: a further modification suitable for estimation of urine glucose in ward or side room. Brit. M. J., 1935, 1: 1169; 2: 37.—**Gaggino, V.** Su di un nuovo semplice procedimento per la determinazione dello zucchero nelle urine. Profilassi, 1932, 5: 7-9.—**Ganassini, D.** Contributo al dosaggio clinico del glucosio nelle urine. Arch. Ist. biochim. ital., 1930, 2: 31-6.—**Garipey, L. H., & Riopel, P.** Une nouvelle technique de recherche des sucres urinaux. Union méd. Canada, 1940, 69: 391.—**Gebhardt, F.** Zur Kolloidchemie der Trommerschen Probe. Klin. Wschr., 1933, 12: 828.—**Goglia, G.** Nota sul valore del metodo di Benedict, per la ricerca quantitativa del glucosio nelle urine. Fol. med., Nap., 1927, 13: 322-7.—**Grossmann, W.** Harnzuckernachweis durch trockene Farbreaktion, eine Verbesserung in der qualitativen Bestimmungsmethodik. Zschr. Urol., 1935, 29: 41.—**Gugliucci, A.** Un nuovo semplice metodo per il dosaggio del glucosio nell'urina. Riforma med., 1936, 52: 389-91.—**Habs, H.** Kolorimetrisches Schnellverfahren zur Urinzuckerbestimmung. Münch. med. Wschr., 1933, 80: 1101. — Neue einfache Verfahren für Nachweis und Bestimmung des Urinzuckers in der ärztlichen Praxis. Med. Welt, 1934, 8: 1515.—**Hamilton, R. H., jr.** Studies on the Folin method of analysis for glucose in normal urine. J. Biol. Chem., 1928, 78: 63-5.—**Héluin.** Comment conduire l'examen biopathologique d'un glycosurique. Clinique, Par., 1931, 26: 155-8.—**Imperio, S.** Contributo sperimentale su di un nuovo semplice metodo (metodo Gugliucci) per il dosaggio del glucosio nell'urina. Policlinico, 1937, 44: sez. prat., 2036-45.—**Iodo-saccharomètre;** appareil pour le dosage du sucre dans l'urine par la méthode iodométrique du Dr H. Citron. Ann. pharm., Louvain, 1905, 11: 6-8.—**Jacobius, H. L.** A bedside method for detecting dextrose in the urine. J. Am. M. Ass., 1939, 12: 1822.—**Jüsten, F.** Quantitative Traubenzuckerbestimmung im Harn. Apothekerzeitung, 1928, 43: 1436.—**Jüsten, F.** Ueber die quantitative Harnzuckerbestimmungsmethode nach Bertrand. Arch. Pharm., Berl., 1930, 268: 559-65.—**Klein, B., & Soliterman, P.** Zum bakteriologischen Nachweise von Zuckerkarten im Harn. Deut. med. Wschr., 1926, 52: 959.—**Kolodnas, F. G.** [Simple method of differentiation of laetosuria from glycosuria] Medicina, Kaunas, 1932, 13: 281.—**Koogler, J. F., & Morest, E. S.** Quantitative determination of sugar in the urine; an office test. J. Lab. Clin. M., 1934-35, 20: 516-9.—**Lang, S.** Sulla determinazione rapida della glicosuria. Minerva med., Tor., 1935, 26: 260-2.—**Lanz, W.** Kolorimetrische quantitative Zuckerbestimmung im Harn. Schweiz. med. Wschr., 1933, 63: 1289; 1936, 66: 292.—**Larsen, H. W.** The effect of urea on glucose determination by the formose reaction. J. Biol. Chem., 1932, 98: 151-4.—**Lepehne, G.** Ueber eine Modifikation zur Beschleunigung der Nylanderschen Zuckerreaktion. Med. Klin., Berl., 1935, 31: 649.—**Levi, F.** Nuovo reattivo per la ricerca del glucosio a freddo. Policlinico, 1931, 38: sez. prat., 49.—**Lobello, F.** Un nuovo metodo preciso e pratico per la determinazione del glucosio nell'urina. Riforma med., 1931, 47: 528-31.—**Malkiel, S.** A criticism on the Sumner method for urine sugar. J. Lab. Clin. M., 1936-37, 22: 1195.—**Malmros, H.** The diagnostic and prognostic value of the blood sugar determination in chronic glycosuria. Acta med. scand., 1925, 62: 294-318.—**Malten, H.** Ein einfaches Zuckerreagenz. Naturärztl. Rdsch., 1938, 10: 328-30.—**Materna, G. F.** Zur Bestimmung des Harnzuckergehaltes. Med. Klin., Berl., 1933, 29: 259.—**Melka, J.** [Simple colorimetric determination of glucose in the urine in diabetes] Bratisl. lek. listy, 1930, 10: 940.—**Mitschke, T. J. F.** A rapid quantitative estimation of sugar in urines. Virginia M. Month., 1927-28, 54: 251.—**Morek, D.** Neue Methode der Harnuntersuchung auf Zucker; qualitativ und quantitativ. Münch. med. Wschr., 1929, 76: 201-3.—**Morton, C.** Electrometric studies of complex-formation: Fehling's solution and the scale preparations. Q. J. Pharm., Lond., 1931, 4: 161-74.—**Müller, B.** [Calcium as a reagent upon grape sugar] Pharm. tid., Kbh., 1861-62, 1: 39.—**Müller, H.** Ueber Zuckerharnreagentien und ihre praktische Verwendbarkeit. Münch. med. Wschr., 1935, 82: 512.—**Myers, R. G.** Two modifications of Benedict's test-tube method for quantitative determination of urinary sugar. U. S. Veterans Bur. M. Bull., 1929, 5: 979-82.—**Nobécourt, P.** L'épreuve des sucres chez les enfants. Presse méd., 1901, 1: 23.—**Novák, A.** [Benedikt's sugar test] Budapesti orv. ujs., 1913, 11: 544.—**Otto, C.** Die Bedeutung des Hamindikans oder seiner Indoxylkomponente für die Fehling-Nylandersche Probe. Med. Welt, 1928, 2: 1679.—**Pietra, P.** Ricerca nell'urina degli zuccheri Fehling riducenti col metodo micologico di Castellani. Gior. batt. immun., 1927, 2: 1-10. Also Rev. sudamer. endocr., B. Air., 1927, 10: 21-8. Also J. Trop. M. Hyg., Lond., 1927, 30: 182-4.—**Pittarelli, E.** Sull'uso della metanitrobenzaldeide nella ricerca delle minime quantità di zucchero diabetico. Morgagni, 1930, 72: 1055-7.—**Pivány, A.** [Modification of the Trommer sugar test] Gyógyászat, 1913, 53: 836.—**Ponirovski, N. G.** [Determination of sugar in the urine of the horse by Lohmstein's fermentation saccharometers] Sborn. trud. Kharkov. Vet. Inst., 1914, 12: pt 4, 1-21.—**Popescu, I. M.** [Fleury and Marquet's method of determination of sugar in the urine] Cluj. med., 1935, 16: 650-4.—**Popoff, P. A.** Eine Methode zur schnellen Bestimmung des Zuckergehaltes der Milch und des Harns. Münch. tierärztl. Wschr., 1936, 87: 160-4.—**Pros, E.** [New method for determination of small quantities of sugar in the urine] Polska gaz. lek., 1930, 9: 41. Also Klin. Wschr., 1930, 9: 500.—**Ragno, M.** Ricerca e determinazione colorimetrica del glucosio nelle urine. Diagn. tecn. lab., Nap., 1937, 8: 81-8.—**Rhodehamel, R. H., Rose, C. L., & Chen, K. K.** A rapid method of estimating urine sugar. Med. Rec., N. Y., 1937, 145: 324.—**Rose, A. R., & Schattnr, F.** A spectrometric method for the estimation of sugar in urine. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 678.—**Saling, F.** Harnzuckernachweis mit Glykurreten. Deut. med. Wschr., 1934, 60: 1761.—**Schaefer, T. W.** Mistakes in urinary diagnosis; the frequent error of mistaking indican and other reducing substances for grape sugar. Merck's Rep. N. Y., 1915, 24: 53.—**Schlemmer, F.** Glycureiten zum qualitativen Nachweis von Zucker im Harn. Zschr. ärztl. Fortbild., 1935, 32: 67.—**Schwartz, D.** [Simple quantitative sugar test for urinalysis] Orv. hetil., 1937, 81: [inell.] 4.—**Sheppard, F., & Everett, M. R.** Effects of nitrogenous substances upon sugar determination. J. Biol. Chem., 1935, 109: Proc., p. lxxxii.—**Steinmauer, H.** Eine einfache Methode quantitativer Harnzuckerbestimmung für den Gebrauch des praktischen Arztes. Med. Klin., Berl., 1932, 28: 932.—**Stoffella, C. G.** Determinazione dello zucchero nell'urina. Boll. chim. farm., 1926, 65: 225-30.—**Unterhuber, S.** Eine einfache Methode zur Steigerung der Empfindlichkeit der Nylanderprobe. Münch. med. Wschr., 1938, 85: 559.—**West, E. S., & Peterson, V. L.** The sugars of urine; determination of the reducing sugars of urine. Biochem. J., Lond., 1932, 26: 1720-7. **White, F. D., & Green, A. C.** A critical comparison of colour tests for fructose, pentoses, and glyceronates in urine. Tr. R. Soc. Canada, 1932, 3. ser., 26: 145-57.—**Yositake, M.** Estimation of free amino-sugar in urines, normal and diabetic. J. Biochem., Tokyo, 1939, 30: 199-203.—**Yamamoto, C.** A method of determining hydrolysable sugar in the blood by the orcinol-sulphuric acid method. Ibid., 1940, 32: 161-73.
- **Diuretic mechanism.**
- Covaerts, P., & Muller, P.** Considérations sur le mécanisme de l'excrétion rénale du glucose. Bull. Acad. méd. Belgique, 1938, 6. ser., 3: 491-509.—**Cutting, R. A., Larson, P. S., & Lunds, A. M.** The effect of diuresis on the excretion of glucose in the normal dog during constant glucose infusion. Am. J. Physiol., 1938, 124: 662-6.—**Dillon, T. W. T., & O'Donnell, R.** Excretion of glucose by the rabbit kidney. Proc. R. Irish Acad., 1935, Sect. B, 365-79.—**Kuhlmann, D., & Deviller, C.** De la sécrétion du glucose. Arch. mal. reins., 1935, 9: 347-55.—**Ni, T. G., & Rehberg, P. B.** On the mechanism of sugar excretion; glucose. Biochem. J., Lond., 1930, 24: 1039-46.—**Steinitz, K.** Studies on the conditions of glucose excretion in man. J. Clin. Invest., 1940, 19: 299-305.—**West, E. S., Lange, A. C., & Peterson, V. L.** Factors affecting the excretion of fermentable and non-fermentable sugars in urine. Biochem. J., Lond., 1932, 26: 1728-41.
- **Etiology, and pathogenesis.**
- See also under names of diseases of organs regulating the glucid metabolism as **Pancreas; Pituitary; Suprarenal, &c.**
- BOUVIER, J.** *Etude expérimentale des glycosuries nerveuses. 59p. 8°. Par., 1935.
- FUHR, K.** *Genitale Hauterkrankungen und Glykosurie. 17p. 8°. Berl., 1930.
- HARANG, C.** *Recherches expérimentales sur les glycosuries et glycémies asphyxiques. 56p. 8°. Par., 1937.
- LE GRAND, A.** *Les glycosuries nerveuses expérimentales (la glycosurie tubérienne) 114p. 8°. Par., 1925.
- Blassberg, M.** [Glycosuria, diabetes and the nervous system] Polska gaz. lek., 1931, 10: 125-8.—**Brodin, P.** Le rôle du foie dans certaines glycosuries et hyperglycémies. Rev. crit. path., Par., 1930, 1: 95-8.—**Carrasco Cadenas, E.** El factor renal en las glucosurias. Arch. med., Madr., 1931, 34: 885-90.—**Dewulf, A.** Les glycosuries par piqûre tubérienne chez le lapin. C. rend. Soc. biol., 1930, 104: 798-801.—**George, A. P. E.** La glycosurie spontanée et provoquée au cours de la pneumonie et pendant la convalescence. Ibid., 1929, 101: 1201.—**Goor-machtijn, N., & De Wulf, A.** Dégénérescence muco-cytaire du cerveau moyen et intermédiaire suivie de glycosurie. Ibid., 100: 442-4.—**Johnson, W. M.** Temporary emotional glycosuria. South. M. & S., 1929, 91: 858.—**Lutz, G.** Kann Beschäftigung in einer Zuckerfabrik zu Glykosurie führen? Med. Welt, 1939,

13: 203.—Munch-Petersen, C. J. Glycosurias of cerebral origin. *Brain*, Lond., 1931, 54: 72-84.—Nicolaysen, L. Glycosurie bei meningealer Blutung. *Acta med. scand.*, 1925, 62: 392-4.—Paasch, G., & Reinwein, H. Untersuchungen zur Frage der Glycosuria innocens. *Münch. med. Wschr.*, 1928, 75: 1159.—Pico, O. M., & Salomon, H. Die Abhängigkeit des Diabetes innocens vom Nervensystem; ein durch Suggestion beeinflusster und zeitweilig geheilter Fall. *Klin. Wschr.*, 1923, 2: 1806.—Robinson, C. S., Derivaux, R. C., & Hewell, B. Factors affecting the appearance and duration of glycosuria. *Am. J. M. Sc.*, 1935, 189: 795-803.—Serono, C. Sur le métabolisme des hydrates de carbone dans l'organisme et sur les origines probables des glycosuries. *Bruxelles méd.*, 1927-28, 8: 1175-90.—Shirlaw, J. T. Glycosuria and cancer. *Liverpool Med. Chir. J.*, 1930, 38: 62-7.

— Endocrine aspect.

Fricke, G. *Glykosurie und Insulin. 94p. 8°. [Lpz.] 1928.

Also *Zschr. ges. exp. Med.*, 1929, 64:

Michaëlidès, G. *Glycosuries infundibulo-hypophysaires. 103p. 8°. Par., 1935.

Cambridge, P. J. Pituitary glycosuria. *Proc. R. Soc. M.*, Lond., 1925-26, 19: Sect. Med., 37-46.—Cori, C. F., & Cori, G. T. Non-conception of the mechanism of epinephrine glycosuria. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 66-8.—Gautier, C. Sur l'origine hépatique de la glycosurie par l'adrénaline. *Bull. Acad. méd.*, Par., 1930, 3. ser., 103: 606-9.—Graur, G. Lipolysin und Glykosurie. *Klin. Wschr.*, 1926, 5: 2261.—Lukens, F. D. W., & Dohan, F. C. The relative glycosuric effect of thyroid and anterior pituitary. *Am. J. Physiol.*, 1940, 129: 408.

— experimental.

See also subheadings of Glycosuria (pharmacol.; phlorhizin, &c.)

Arai, M. Ueber die Bedeutung der durch die Unterbindung der A. iliaca communis verursachten Glycosurie (vorläufige Mitteilung). *J. Orient. M.*, Daien, 1925, 3: 186.—Bordier, H. Influence de la diathermie sur la glycosurie expérimentale. *Rev. méd.*, Par., 1925, 42: 463-9.—Mikami, S. CO-hyperglycaemia in the bilaterally splanchnectomized rabbit [experimental glycosuria from monoxide poisoning following bilateral section of splanchnic nerves]. *Tohoku J. Exp. M.*, 1926, 8: 113-28.—Przylecki, S. J. Sur une nouvelle forme de glycosurie chez les grenouilles. *Arch. internat. physiol.*, Liège, 1922, 19: 145-7.—Seuffert, R. W., & Hartmann, H. Ueber den kombinierten Adrenalin-Phlorhizindiabetes. *Beitr. Physiol.*, 1924, 2: 199-204.—Shoji, T. Ueber die Zuckerausscheidung in der isolierten gesunden sowie pathologischen Niere bei Durchströmung mit Zuckerslösungen in verschieden starken Konzentrationen. *Tohoku J. Exp. M.*, 1936, 28: 537-53.

— Frequency.

Arghiris, G. A propos de la glycosurie innocente et glycosurie paradoxale et leur fréquence en Egypte. *J. Egypt. M. Ass.*, 1932, 15: 694-8.—Guidetti, C. Sindromi glicosuriche transitorie degli Europei in Somalia. *Arch. ital. sc. med. col.*, 1933, 14: 409-13.—Sakaguchi, K. Ueber die Glykosurie und Zuckerkrankheit in Japan. *Jap. J. M. Sc.*, 1938-39, 5: *Proc. Int. Med.*, 1-9.—Ustvedt, H. J. Sur la fréquence des glycosuries non diabétiques. *Norsk mag. lægevid.*, 1929, 90: 941-51.

— Life insurance aspect.

Brathwaite, F. G. Glycosuria: a selective formula and illustrative mortality study. *Abstr. Proc. Ass. Life Insur. M. Dir. America* 1934, 20: 52-75.—Beckwith, E. W., & Mills, J. P. A further mortality study of glycosuria among accepted and rejected risks. *Ibid.*, 1937, 24: 8-46.—Brown, W. L. Glycosuria and life assurance. *Tr. Assur. M. Soc.*, Lond., 1926-27, 1928, 27-52. Also *Med. Press & Circ.*, Lond., 1935, 191: 59-62.—Cook, H. W. Glycosuria in life insurance examinations. *Minnesota M.*, 1929, 12: 576-81.—Lauritzen, M. [On separation of sugar in the urine and its relation to life insurance] *Ugeskr. læger*, 1908, 70: 5-17.—Patton, J. A. The importance of glycosuria in life insurance. *Abstr. Proc. Ass. Life Insur. M. Dir. America*, 1915-16, 446-89.—Significance of glycosuria in life assurance. *Lancet*, Lond., 1934, 2: 365-7.—Strieck, F. Die nichtdiabetische Glykosurie. *Vertrauensarzt*, 1935, 3: 145-7.—Tecon, R. M. Les pseudo-glycosuries; leur importance en clientèle et en médecine d'assurances. *Praxis*, Bern, 1937, 26: 1-3.—Wolf, A. S. A study of the more common methods used to detect sugar in urine, with special reference to the tests employed in the laboratory of the Equitable Life Assurance Society. *Abstr. Proc. Ass. Life Insur. M. Dir. America*, 1920-21, 7: 316-40.

— normal.

See also Urine, Chemistry.

Ayyadi, A. S. The sugars of the normal urine. *J. Egypt. M. Ass.*, 1936, 19: 188.—Bagchi, K. N., & Rudra, M. N. Observations on sugar-content of normal urine and its relation to normal blood-sugar. *J. Ind. M. Ass.*, 1936-37, 6: 130-4.—Benedict, S. R., & Osterberg, E. A preliminary report on the

urinary excretion of sugar in the normal dog. *Proc. Am. Soc. Biol. Chem.*, 1917, 4: 19. — Studies in carbohydrate metabolism: a preliminary report on the sugar elimination in the urine of the normal dog. *J. Biol. Chem.*, 1918, 34: 209-16.—Everett, M. R., & Sheppard, F. The nature of the sugar of normal urine; the phenyllosazones. *Ibid.*, 1932, 96: 431-41. — & Edwards, B. G. The nature of the sugar of normal urine; the behavior of carbohydrates in bromine water and the ketose of normal urine. *Ibid.*, 1934, 104: 11-28. Also repr.—Glassmann, B. Ueber den gesamten Kohlenhydrategehalt des normalen Harns. *Zschr. physiol. Chem.*, 1926-27, 162: 149-54.—Harrison, G. A. Reducing substances in the urine. *Clin. J.*, Lond., 1926, 55: 234; 246.—Harding, V. J., Nicholson, T. F., & Jackson, S. H. Some properties of the reducing material in certain fractions of normal urines: the effect of certain type meals on the hydrolysable sugar in urine; some further evidence as to the nature of the hydrolysable sugar in urine. *Biochem. J.*, Lond., 1936, 30: 335-41.—Hassan, A. Glucose in normal urine. *Ibid.*, 1928, 22: 1332-40, pl.—Hawkins, J. A., MacKay, E. M., & Van Slyke, D. D. Glucose in the urine of normal and nephritic subjects. *J. Biol. Chem.*, 1928, 78: p. xxlii.—Kingsbury, F. B. The variations in the sugar content of human urine. *Ibid.*, 1926, 67: p. xviii.—Leas, R. D. Reducing substances in the urine. *J. Lab. Clin. M.*, 1926-27, 12: 15-9.—Patterson, J. The carbohydrate of normal urine. *Biochem. J.*, Lond., 1926, 20: 651-5.—Pendl, F. Versuche über das Reduktionsvermögen zuckerfreier Harns. *Deut. Arch. klin. Med.*, 1932, 173: 263-70.—Quagliarello, G., & Trias, E. Sulla presenza di glucosio nelle urine normali. *Boll. Soc. ital. biol. sper.*, 1928, 3: 311-3.—Richardson, R., & Bitter, R. S. Normal urine sugar in cystoscopic examinations. *Am. J. M. Sc.*, 1930, 180: 171-7.—Roth, H. Présence du glucose dans l'urine des sujets normaux. *C. rend. Soc. biol.*, 1929, 101: 218-20.—West, E. S., & Steiner, A. The chemical nature of the fermentable sugar of normal and starvation urine. *Biochem. J.*, Lond., 1932, 26: 1742-9.

— nutritional.

See also Blood sugar, Variations, alimentary; Hunger.

Menuau, P. *Contribution à l'étude de la glycosurie alimentaire (rôle du tonus neuro-végétatif) 53p. 8°. Par., 1926.

Aubertin, E., Lacoste, A., & Saric, R. La notion du diabète du jeûne; intérêt biologique; déductions pratiques. *Paris méd.*, 1937, 105: 73-80.—Cutting, R. A. Unexpected occurrence of sugar in the urine following glucose infusions. *Am. J. Surg.*, 1940, 50: 306-10.—Harding, V. J., Nicholson, T. F., & Archibald, R. M. The nature of the free fermentable sugars and the fermentable sugars produced on hydrolysis in fasting urines. *Biochem. J.*, Lond., 1936, 30: 326-34.—Holst, J. E. Studien über die alimentäre Glykosurie. *Zschr. klin. Med.*, 1922, 95: 394-404.—Kuscheliebsky, B. Alimentäre Galaktosurie und Adrenalin-Glykosurie. *Wien. med. Wschr.*, 1927, 77: 582-6.—Lematte, L. Le rôle des minéraux de la ration dans la glycosurie. *Bull. Soc. méd. Paris*, 1929, 322-6.—Leyton, O. Dietetic glycosuria. *Clin. M. & S.*, 1935, 42: 585-7.—Lombroso, U. Glycosuria dopo iniezione d'amido in cani ipoglicemici per azione dell'insulina. *Boll. Soc. ital. biol. sper.*, 1927, 2: 685-7.—Nothmann, M., & Cobet, R. Untersuchungen über den Hungerdiabetes. *Verh. Deut. Ges. inn. Med.*, 1928, 40. Kongr., 246-9.—Schmiz, E. Ueber einen eigenartigen Fall von alimentärer Glukosurie. *Arch. Pharm.*, Berl., 1927, 265: 74.—Soskin, S., & Mirsky, I. A. Hunger diabetes and the utilization of glucose in the fasting dog. *Am. J. Physiol.*, 1935-36, 114: 106-9.

— pharmacol [toxic]

See also Glycosuria, phlorhizin; also under names of poisons as Uranium, &c.

Cisneros y Bárcenas, J. Sobre la génesis de ciertas glicosurias medicamentosas. *Bol. Hosp. S. Juan, Quito*, 1928, 3: Nos. 30-32, 13-6.—Lambrechts, A. Contribution à l'étude de l'activité diabétogène des substances voisines de la phlorhizine. *C. rend. Soc. biol.*, 1936, 121: 1364-6.—Milhorat, A. T., & Deuel, H. J., jr. The mechanism of the glycosuria of acute uranium nephritis. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 294.—Strasser, U. Ueber akut-toxische Glykosurie und ihre Beziehung zum echten Diabetes. *Wien. klin. Wschr.*, 1929, 42: 1159-62.—Weckers, R. Origine rénale de la glycosurie dans la néphrite expérimentale au nitrate d'urane. *C. rend. Soc. biol.*, 1934, 115: 1393-5.

— phlorhizin.

See also Phlorhizin; Pregnancy, Diagnosis.

Lambrechts, A. *Nouvelles recherches sur le diabète phlorhizique, la phlorhizine et quelques substances apparentées. 163p. 24cm. Liège, 1937.

Also *Arch. internat. physiol.*, Liège, 1937, 44: Suppl.

Alexandrescu-Dersca, C., Ciocaltanu, V., & Adlersberg, L. Sur la glycosurie phlorhizinique. *Bull. Soc. méd. hôp. Bucarest*, 1924, 6: 147-52.—Calderini, G. Sulla glycosuria flori-

8: 1790-92.—Suss, G. [Sugar level after use of phlorizin] *Cas. lek. česk.*, 1934, 73: 1031.—Veltmann, C. Phlorizin-Versuche mit Acetaldehyd und Aethylenglycol. *Beitr. Physiol.*, 1924, 2: 295-300.—Viale, G., Napoleoni, L., & Rosselli, D. Elimination de l'acide oxalique dans le diabète phlorizinique. *C. rend. Soc. biol.*, 1928, 99: 2005. Also *Arch. sc. biol.*, Nap., 1929, 13: 206-10.—Wierzuchowski, M. Respiratory metabolism in phlorizin diabetes after glucose ingestion. *J. Biol. Chem.*, 1926, 68: 385-97.—Yamada, Y. Der Phlorrhizindiabetes und der sogenannte gebundene Blutzucker. *Mitt. Med. Akad. Kioto*, 1932, 6: 2029-32.

— phlorizin: Pharmacology.

MöBIUS, W. *Tierexperimentelle Untersuchungen über die stoffwechselphysiologische Wirkung des Insulins im Phlorrhizindiabetes [Bonn] p. 511-26. 8°. Berl., 1930.

Also *Arch. ges. Physiol.*, Berl., 1930, 229:

Anderson, A. B., & Anderson, M. D. The effect of atropine, ergotamine, and pituitrin on phlorizin glycosuria. *J. Physiol.*, Lond., 1927-28, 64: 350-5.—Bufano, M. La glicemia e la glicolisi nel diabete florizino trattato con l'insulina con speciale riguardo allo zucchero proteico. *Arch. farm. sper.*, 1925, 40: 1-22.—Campanacci, D., & Ferretti, G. Azione della vitamina B sulla glicosuria florizina. *Gior. clin. med.*, 1935, 16: 1023-44.—Campanacci, D., & Pezzarossa, C. Azione dei preparati di zolfo sulla glicosuria florizina. *Arch. sc. med.*, Tor., 1935, 59: 847-71.—Colwell, A. R. Insulin and phlorizin glycosuria. *J. Biol. Chem.*, 1924, 61: 289-301.—Cori, C. F. The influence of insulin on the liver glycogen of animals poisoned with phlorizin. *Proc. Soc. Exp. Biol.*, N. Y., 1923-24, 21: 417. Also *J. Pharm. Exp. Ther.*, 1924-25, 23: 99-106.—Dünder, L., & Mecklenburg, M. Der Einfluss von sympathico- und vagotrophen Mitteln auf die Phlorizinkosurie. *Zschr. ges. exp. Med.*, 1926, 51: 513-7.—Fischer, A., & Weiss, H. Proteintherapie und Phlorizinkosurie. *Biochem. Zschr.*, 1925, 159: 141-5.—Gaebler, O. H., & Murlin, J. R. The influence of insulin, administered orally and subcutaneously, in phlorizin diabetes. *J. Biol. Chem.*, 1925, 66: 731-81.—Morris, N., & Graham, S. The effect of the administration of sodium beta-hydroxybutyrate on the glycosuria of phlorizin diabetes. *Lancet*, Lond., 1927, 1: 1020.—Nash, T. P., jr. Insulin and phlorizin diabetes. *J. Biol. Chem.*, 1923, 58: 453-62.—Pico, O. M., Sordelli, A., & Mazzocco, P. Acción de la insulina sobre la diabetes florizina. *Rev. As. méd. argent.*, 1923, 36: Sect. Soc. biol., 271-8.—Ringer, M. The influence of insulin on phlorizin diabetes. *J. Biol. Chem.*, 1923, 58: 483-501.—Snapper, I., & Oestreicher, F. [Influence of synthalin on the course of phlorizin diabetes] *Ned. tschr. geneesk.*, 1927, 71: pt 2, 378-85.—Spyropoulos, N. I. L'action de l'infusion des racines de *Rubus ulmifolius*, de la salicairine et du tannin sur la glycosurie phlorizique chez l'homme. *C. rend. Soc. biol.*, 1929, 102: 816. Also *J. physiol. path.*, Par., 1930, 28: 69-71.—Wells, B. B., & Kendall, E. C. The influence of the adrenal cortex in phlorizin diabetes. *Proc. Mayo Clin.*, 1940, 15: 565-73.—Ziegler, M. R., & McQuarrie, I. Phlorizin glycosuria and hypoglycemia unaffected by excess ingestion of Na and K salts. *Proc. Soc. Exp. Biol.*, N. Y., 1938-39, 39: 142-5.

— pregnancy.

See also Lactosuria; Pregnancy, Diagnosis.

AUBERTIN, G. *Contribution à l'étude des glycosuries gravidiques. 71p. 8°. Lyon, 1934.

DES BOUVRIE, M. *Het voorkomen van suiker in de urine van gravidæ en puerperæ. 117p. 8°. Amst., 1901.

FOYER, A. *[Glycosuria and glycaemia in pregnant women] [Amsterdam] 90p. 8°. Purmerend, 1923.

GIOVE DEACON, L. J. *Glucidurias espontaneas del embarazo y puerperio [Chile] 88p. 26½cm. Nuña, 1938.

SCHMIDT, E. [W. M. A.] *Ueber renale Glykosurie bei schwangeren und nicht schwangeren Frauen. 16p. 8°. Bresl., 1927.

TILLET, T. *Les troubles de la glycorégulation chez les femmes enceintes non glycosuriques et non diabétiques antérieurement. 29p. 23½cm. Par., 1939.

Adinolfi, V. Glycosuria e lattosuria in gravidanza e in puerperio. *Riforma med.*, 1938, 54: 90-6.—Adlersberg, D., & Porges, O. Ist die Glykosurie der Schwangeren eine diabetische Stoffwechselstörung? *Deut. med. Wschr.*, 1926, 52: 653-5.

Allen, E. The glycosurias of pregnancy. *Am. J. Obst.*, 1939, 38: 982-92.—Bermann, S. E. La glicosuria y la glucemia en el embarazo. *Sem. méd.*, B. Air., 1923, 30: 764-72.—Bowcock, H. M., & Greene, E. H. Observations in a case of renal glycosuria, during and after pregnancy. *J. Am. M. Ass.*, 1928, 90: 502-4.—Brook, H. J., & Hubbard, R. S. Glycosuria and lactosuria of pregnant and of lactating women. *Am. J.*

Digest. Dis., 1935-36, 2: 27-33.—Chase, L. A. Glycosuria in pregnancy. *Med. Woman J.*, 1932, 39: 178-81. Also *Canad. M. Ass. J.*, 1932, 26: 279-83.—Commandeur & Porcher, C. Recherches sur les sucres urinaires chez la femme enceinte, en couches et nourrice. *Arch. gén. méd.*, Par., 1904, 2: 2241-64; 2305.—Crook, A. Incidence of glycosuria during pregnancy. *Proc. R. Soc. M.*, Lond., 1924-25, 18: Sect. Obst. Gyn., 33-8.—Dietel, H. Die Schwangerschaftsglykosurie; ein Versuch ihrer Deutung. *Zbl. Gyn.*, 1937, 61: 700-9.—Edwards, W. C., & Breeden, R. F. Glycosuria without hyperglycaemia in pregnancy; report of case. *Wisconsin M. J.*, 1926, 25: 343-5.—Elek, L. [Renal glycosuria and pregnancy] *Orv. hetil.*, 1933, 77: 878-80.—Florin, M. Su due casi di glicosuria gravidica. *Clin. ostet.*, 1929, 31: 357; 412.—Gaupin, C. E. Positive urinary Fehling tests in connection with our obstetrical cases. *Kentucky M. J.*, 1927, 25: 526-30.—Graham, G. The effect of pregnancy on a patient with renal glycosuria. *Proc. R. Soc. M.*, Lond., 1923-24, 17: Sect. Obst. Gyn., 99-102.—Harding, V. J., & Selby, D. L. Pregnancy glycosuria and pre-natal care. *Canad. M. Ass. J.*, 1932, 26: 283-7.—John, H. J. Glycosuria and pregnancy. *Surg. Gyn. Obst.*, 1926, 42: 543-5. Glycosuria in pregnancy and its clinical significance. *Ohio M. J.*, 1935, 31: 751-6.—Küstner, H. Der renale Diabetes während der Schwangerschaft, in seiner Abhängigkeit von den Funktionen der Drüsen mit innerer Sekretion. *Mscr. Geburtsh.*, 1923, 62: 119-26.—Lévy-Solal Weill, A., & Laudat, N. Un cas de diabète rénal avec boulimie au cours d'une grossesse. *Bull. Soc. obst. gyn. Paris*, 1925, 14: 123-7.—Nizza, M. Nota intorno alla lattosuria in gravidanza e in puerperio; ricerche col metodo micologico Castellani-Taylor. *Rass. ostet.*, 1931, 40: 664-70.—Nürnberg, L. Schwangerschaftsglykosurie und Hormonstoffwechsel. *Mscr. Geburtsh.*, Gyn., 1937, 105: 1-7.—Pool, O. J. [Case of glycosuria in pregnancy] *Ned. tschr. geneesk.*, 1928, 72: 311.—Richardson, R., & Bitter, R. S. Glycosuria in pregnancy. *Am. J. Obst.*, 1932, 24: 362.—Rockwood, R., & Dodge, E. F. The differentiation of the reducing bodies in the urine during pregnancy. *Surg. Gyn. Obst.*, 1928, 47: 660-4.—Schachter, M. De la glycosurie gravidique à la lumière des connaissances actuelles. *Prat. méd. fr.*, 1933, 14: 142-9.—Scheffel, W. Schwangerschaftsglykosurie und ihre Verwendbarkeit zur Frühdiagnose unter Berücksichtigung des Blutzuckers. *Mscr. Geburtsh.*, Gyn., 1923, 63: 69-82.—Schneiderman, H. Further observations in renal glycosuria of pregnancy. *Am. J. Obst.*, 1924, 7: 177-80.—Scontrino, A. Ricerche comparative sullo zucchero libero e sullo zucchero combinato nel campo ostetrico e ginecologico. *Arch. ostet. gin.*, 1926, 2, ser., 13: 97-128.—Snoeck, J. La glycosurie et la lactosurie durant la grossesse, l'accouchement et les suites de couches. *Bruxelles méd.*, 1927-28, 8: 347-59. Recherches sur la glycosurie et la lactosurie gravidiques. *Arch. internat. méd. exp.*, Liège, 1932, 7: 349-448, pl.—Stansfield, O. H. The differential diagnosis between diabetic and nondiabetic glycosurias in pregnancy. *Am. J. Obst.*, 1926, 12: 358-63.—Vogt, E. Wesen und Behandlung der Glykosurie in der Schwangerschaft. *Ther. Gegenwart*, 1928, 69: 298-302.—Williams, J. W. The clinical significance of glycosuria in pregnant women. *Am. J. M. Sc.*, 1909, 137: 1-26. Also repr.—Yoshida, H., & Shiozawa, Z. Experimentelle Studien über die Schwangerschaftsglykosurie. *Tr. Jap. Path. Soc.*, 1926, 16: 173.—Zamorani, G. Glicosuria in gravidanza. *Arte ostet.*, 1928, 42: 125-34.

— Relation to blood sugar.

KELEMEN, M. *Zusammenhang zwischen Blut- und Harnzucker. 23p. 8°. Lpz., 1934.

OLSEN, A. H. *Glycosuria and its relation to glycaemia [S. Joseph's Hospital] 15p. 4°. Milwaukee, 1929.

Bacaloglu, C., & Strugariu, S. Recherches sur la glycémie et la glycosurie chez l'homme normal et chez les diabétiques. *C. rend. Soc. biol.*, 1928, 99: 1175-8.—Cohen Tervaeert, D. G. Quelques nouvelles observations sur le rapport entre la véritable teneur en sucre de l'urine et la teneur en sucre du sang. *Arch. néerl. physiol.*, 1922, 7: 352-4.—Faber, K. Benign glycosuria due to disturbances in the blood sugar regulating mechanism. *J. Clin. Invest.*, 1926-27, 3: 203-27.—Ferrannini, A. Rapporti fra glicosuria e glicemia. *Riforma med.*, 1931, 47: 1484.—Folin, O., & Svedberg, A. The sugar in urine and in blood. *J. Biol. Chem.*, 1926, 70: 405-26.—Fonseca, F. Glicosuria e glicemia. *Lisboa méd.*, 1930, 7: 611-8.—Herbst, R. Die Beziehungen zwischen Blutzuckerhöhe und Zuckerausscheidung. *Verh. Deut. Ges. inn. Med.*, 1936, 48. Kongr., 416-9.—Host, H. F. Urine sugar and its relation to blood sugar. *Acta med. scand.*, 1924, suppl. No. 7, 180-7. Also *J. Metab. Res.*, 1924, 4: 315-414.—Peiser, F. Ueber die Beziehungen zwischen Blutzuckerspiegel und Zuckerausscheidung. *Zschr. klin. Med.*, 1929, 111: 499-526.—Roch, M., Martin, E., & Sciclounoff, F. Les rapports entre la glycémie et la glycosurie. *Acta med. scand.*, 1936, 88: 1-38.—Steinitz, E. Ueber Beziehungen zwischen Blut- und Harnzucker. *Deut. med. Wschr.*, 1929, 55: 871-3.

— Relation to blood sugar: Hypoglycemia.

Ceresoli, A. Sulle iperglicemie senza glicosuria e sulle glicosurie senza iperglicemia. *Arch. farm. sper.*, 1929-30, 49:

pt 2, 259-81.—**Hayward, L. A.** Hypoglycaemia in renal glycosuria. *Lancet*, Lond., 1938, 2: 253.—**Torday, A.** [Glycosuria with hypoglycaemia] *Gyógyászat*, 1939, 79: 440. Also *Orv. hetil.*, 1939, 83: 924.

renal.

See also **Diabetes mellitus**, **Uropoietic system**.

APPEL, O. *Casuistischer Beitrag zur Frage des renalen Diabetes. 17p. 8°. [Giessen] 1928.

GEORGIADES, D. *Contribution à l'étude du syndrome connu sous le nom de diabète rénal. 88p. 8°. Par., 1929.

GOLDBERG, R. L. *Le diabète rénal. 130p. 8°. Par., 1933.

TERRENOIRE, R. L. *Le diabète rénal. 80p. 8°. Par., 1935.

Abdel Aziz Ismail. Renal glycosuria. *J. Egypt. M. Ass.*, 1932, 15: 337-42.—**Ankerhold-Hellner, C.** Diabetes renalis bei einem 7jährigen Knaben. *Arch. Kinderh.*, 1930, 90: 119-21.—**Berg, W.** Ueber renalen Diabetes und Ketonurie. *Klin. Wschr.*, 1930, 9: 1621-3.—**Bose, J. P.** A case of renal glycosuria. *Ind. M. Gaz.*, 1924, 59: 345.—**Carrasco Cadenas, E.** La diabetes renal. *Arch. med.*, Madr., 1927, 26: 85-91.—**Castex, M. R.** Le diabète rénal. *Presse méd.*, 1926, 34: 993-6.—**— & Beretervide, J. J.** Sobre un caso de diabetes renal. *Rev. As. méd. argent.*, 1924, 37: Soc. med. intern., 424-7.—**Chessa, F.** Sopra un caso di diabete renale. *Fol. med.*, Nap., 1937, 23: 413-21.—**Constam, G. R.** Ueber renale Glykosurie. *Zschr. klin. Med.*, 1930, 113: 281-93.—**Cosiddetto (Sul)** diabete renale. *Gazz. osp.*, 1926, 47: 776-9.—**Debenedetti, V.** Diabete renale. *Rinasc. med.*, 1928, 5: 33-5.—**Di Bello, G.** Il decorso dell'infezione tubercolare nel diabete renale sperimentale. *Gazz. internaz. med. chir.*, 1935, 45: 190-201.—**Drigalski, W. von.** Renale Glykosurie. *Zbl. inn. Med.*, 1937, 58: 145-9.—**Eisenbud, K.** Renal glycosuria. *Med. J. & Rec.*, 1930, 132: 66-8. Also repr.—**Falta, W.** Ueber renalen Diabetes mellitus. *Wien. klin. Wschr.*, 1931, 44: 1553; 1593.—**Fischer, A. E.** Intermittent and continuous renal glycosuria. *Am. J. Dis. Child.*, 1935, 50: 166-77.—**Fowler, A. F.** Renal glycosuria. *Ann. Int. M.*, 1933, 7: 518-29.—**Friedman, R. A.** [Renal diabetes in children] *Russ. klin.*, 1930, 14: 423-6.—**Funk, E. H.** Renal glycosuria. *Progr. Med.*, Phila., 1923, 2: 291.—**Garrahan, J. P.** Diabetes renal. *Sem. méd.*, B. Air., 1939, 46: pt 2, 1494-501.—**Gautier, C.** Le diabète rénal. *Hôpital*, Par., 1928, 16: 478-80.—**Ginsburg, E.** [On renal diabetes] *Russ. klin.*, 1927, 8: 737-46.—**Goepfert, K.** Der renale Diabetes. *Zschr. ärztl. Fortbild.*, 1938, 35: 227-9.—**Goldbloom, A.** Renal glycosuria in an infant 20 months of age. *Canad. M. Ass. J.*, 1924, 14: 950-2.—**González Deleito, F.** La llamada diabetes renal. *Siglo méd.*, 1932, 84: 157-61.—**Gratton, A.** Un cas de diabète rénal. *Union méd. Canada*, 1936, 65: 1169-71.—**Hadjigeorges, E.** & **Comminos, A.** Contribution à l'étude du diabète rénal. *J. méd. Paris*, 1934, 54: 685-8.—**Hafström, T. G.** Renale Glykosurie mit hohem Zuckergehalt des Harns. *Acta med. scand.*, 1931-32, 77: 317-25.—**Heupke, W.** & **Adler, E.** Klinische Untersuchungen über renalen Diabetes. *Arch. Verdauungskr.*, 1929, 46: 273-85.—**Hofrichter, C. H.** Renal diabetes. *Northwest M.*, 1925, 24: 79-81.—**Holst, J. E.** Gleichzeitige diabetische und renale Glykosurien. *Acta med. scand.*, 1932, 78: 282-95.—**Hoornstra, C. G.** [Case of so-called renal diabetes] *Msch. kinderges.*, 1938-39, 7: 440-9.—**Ide, M.** Un cas de diabète rénal vrai. *Bull. Acad. méd. Belgique*, 1923, 5. ser., 3: 239-58. Also *Rev. méd.*, Louvain, 1923, 91-6.—**Johnson, S.** Glycosuria, renal. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 6: 834-8.—**Jones, H. W.** & **Sussman, W.** Renal glycosuria and pentosuria; a discussion of the 2 conditions. *Am. J. M. Sc.*, 1927, 173: 513-6, pl.—**Kellaway, C. H.** A case of renal diabetes complicated by acute nephritis. *Med. J. Australia*, 1926, 2: 181.—**Kopelovich, M. A.** & **Slavina, F. V.** [The so-called renal diabetes] *Klin. med.*, Moskva, 1938, 16: 682-8. Also *Radianska med.*, 1938, 3: No. 5, 71-8.—**Kramer, P.** [Renal diabetes] *Budapesti orv. ujs.*, 1928, 26: 927-9.—**Labbé, M.** Un cas de diabète rénal. *Bull. Soc. méd. hôp. Paris*, 1924, 3. ser., 48: 620-4. Also *Paris méd.*, 1924, 51: 417-23.—**Langen, C. D. de** [Renal diabetes] *Geneesk. tschr. Ned. Indië*, 1935, 75: 1110-6.—**Lemann, I. I.** Renal glycosuria; report of 3 cases. *South. M. J.*, 1923, 16: 592-6.—**Lyonnet, B.** Le diabète rénal. *Lyon méd.*, 1931, 148: 501-5.—**Marble, A.** Renal glycosuria. *Am. J. M. Sc.*, 1932, 183: 811-27.—**Marietta, S. U.** Renal glycosuria; presentation of 3 cases. *Mil. Surgeon*, 1928, 62: 39-53.—**Mathieu, L.** & **Colleson, L.** Considérations cliniques, étiologiques et thérapeutiques. *Rev. méd. Nancy*, 1937, 65: 298-309.—**Micheli, F.** & **Moracchini, R.** Sul diabete renale o normoglicemico. *Minerva med.*, Tor., 1929, 9: pt 2, 317-23.—**Mogilnicki, T.** [Renal diabetes in children] *Warsz. czas. lek.*, 1937, 14: 436-8.—**Moracchini, R.** Sul diabete renale o normoglicemico. *Arch. sc. med.*, Tor., 1929, 53: 625-88.—**Mortada, I.** Renal glycosuria; calcium and glucose in blood. *J. Egypt. M. Ass.*, 1932, 15: 522-14.—**Patterson, J.** A case of renal glycosuria with ketonuria. *Lancet*, Lond., 1925, 2: 596.—**Paulin, J. E.** Glucose utilization in renal glycosuria. *Tr. Ass. Am. Physicians*, 1925, 40: 131-8. Also *Arch. Int. M.*, 1926, 37: 88-91. Also repr.—**Pende, N.** Sul così detto diabete renale. *Riforma*

med., 1926, 42: 556-61.—**Poullsson, L. T.** [Renal glycosuria] *Norsk mag. lægevid.*, 1930, 91: 770-82.—**Ramond, L.** Diabète rénal. *Presse méd.*, 1935, 43: 767.—**Rathery, E.** Le diabète rénal. In *Leçons du dimanche* (Carnot, P.) Par., 1933, 3. ser., 84-101.—**— & Marie, J.** Diabète rénal. *Monde méd.*, 1927, 37: 2-12.—**Rohmer.** Un cas de diabète rénal; mort par urémie. *Bull. Soc. pédiat. Paris*, 1936, 34: 463-5.—**Rubinstein, B. N.** [Renal diabetes] *Vrach. gaz.*, 1931, 35: 433-6.—**Salvatore, R.** Sul diabete renale. *Minerva med.*, Tor., 1931, 22: 349-53.—**Sferri, P.** Il cosiddetto diabete renale. *Gazz. osp.*, 1931, 52: 1-3.—**Shafston, A. L.** & **Poncher, H. G.** Renal glycosuria in childhood. *Am. J. Dis. Child.*, 1934, 47: 1323-34.—**Sironi, G. C.** Contributo clinico alla conoscenza del diabete renale. *Gazz. osp.*, 1933, 54: 387-99.—**Skole, S. M.** Renal glycosuria. *Arch. Pediat.*, N. Y., 1935, 52: 811-29.—**Snowden, R. R.** Renal glycosuria. *Atlantic M. J.*, 1932, 26: 548.—**Strauss, L.** Renale Glykosurie bei einem Einjährigen und renale Aglykosurie. *Zschr. Urol.*, 1934, 28: 84-105.—**Sucic, D.** Ueber renalen Diabetes. *Schweiz. med. Wschr.*, 1937, 67: 312-5.—**Taussig, A. E.** Renal glycosuria with ketonuria. *Med. Clin. N. America*, 1927, 11: 355-9.—**Tinti, M.** Sopra un caso di diabete renale. *Riv. clin. med.*, 1933, 23: 379-98.—**Vanysek, F.** & **Juric, A.** [Renal glycosuria as symptom of special pre-diabetic state] *Cas. lek. cesk.*, 1928, 67: 352-6.—**Vatcher, S.** & **Douglas, M.** Renal glycosuria: a study of its relationship to diabetes mellitus, its aetiology and diagnosis based on the records of war pensioners treated under the ministry of pensions. *J. Trop. M. Hyg.*, Lond., 1935, 38: 117; 137.—**Vegter, A. W.** Renale Diabetes mit insularem Einschiag. *Jahrb. Kinderh.*, 1937, 3. F., 100: 282-7.—**Winkler, U.** Zur Klinik der Uebergangsform zwischen renalem und echtem Diabetes. *Med. Klin.*, Berl., 1931, 27: 1716.—**Zainal.** [Renal diabetes] *Geneesk. tschr. Ned. Indië*, 1935, 75: 1665; 1936, 76: 578.—**Zamfir, D.** [Renal diabetes] *Rev. ş. med.*, Bucur., 1928, 17: 1022-6.

renal: Diagnosis.

See also **Diabetes mellitus**, **Diagnosis**.

Gittow, S. & **Goldmark, C.** A case of essential pentosuria and renal glycosuria with a review of the diagnostic methods. *Med. Rec.*, N. Y., 1935, 142: 466-8.—**Lawrence, R. D.** & **McCance, R. A.** Renal glycosuria mistaken for diabetes mellitus. *Brit. M. J.*, 1934, 1: 981.—**Rabinowitch, I. M.** The diagnosis of renal glycosuria. *Canad. M. Ass. J.*, 1930, 22: 329-33.—**Smith, F. H.** & **Smith, K. A.** Normoglycemic glycosuria differentiated from other benign glycosurias and diabetes mellitus. *Arch. Int. M.*, 1937, 60: 119-32.—**Winkler, U.** Ein seltener Fall hochgradiger Glykosurie bei normalem Nüchternblutzucker. *Med. Klin.*, Berl., 1934, 30: 1162.

renal: Heredity.

Bowcock, H. M. Familial glycosuria; report of a large family. *Ann. Int. M.*, 1928-29, 2: 923-31.—**Brown, M. S., jr.** & **Poleshuck, R.** Familial renal glycosuria. *J. Lab. Clin. M.*, 1934-35, 20: 605-8.—**Hjärne, U.** A study of orthoglycemic glycosuria with particular reference to its hereditability. *Acta med. scand.*, 1927, 67: 422; 495, 2 ch. Also *Sven. läk. tidn.*, 1928, 25: 1441-4.—**Holst, J. E.** De l'apparition de glycosuries bénignes dans les familles diabétiques. *Acta med. scand.*, 1926, Suppl. 16: 492-502.—**Mentzinger, A.** Ueber ein Zwillingspaar mit extrinsulärer Glykosurie. *Zschr. menschl. Vererb.*, 1935, 19: 166-74.—**Schnell, A.** Das Wesen der essentiellen renalen Glykosurie und ihre Beziehung zum Diabetes mellitus, unter besonderer Berücksichtigung der Erbliehkeitsfrage. *Acta med. scand.*, 1937, 92: 153-68.—**Weber, F. P.** A glycosuria family without hyperglycaemia; so-called renal diabetes. *Lancet*, Lond., 1931, 1: 71.

renal: Pathogenesis.

BERNIÈRES-BUCHNER, G. *Essai critique sur le diabète rénal. 43p. 8°. Par., 1930.

GOLDBERG, M. [A.] *Der Einfluss des vegetativen Nervensystems auf die renale Glykosurie [Breslau] p.468-73. 8°. Berl., 1927.

Also *Zschr. ges. exp. Med.*, 1928, 59:

LE MEUR, R. *Contribution à l'étude du diabète rénal. 127p. 8°. Lyon, 1934.

ROSENTHAL, F. *Zur Kenntnis des renalen Diabetes [Leipzig] p.605-21. 8°. Berl., 1928.

Also *Arch. Verdauungskr.*, 1928, 42:

Audo Gianotti, G. B. Su di un caso di diabete renale e di diabete insipido coesistenti in uno stesso individuo (considerazioni sulla diagnosi e sulla patogenesi) *Pensiero med.*, 1930, 19: 283-94.—**Bartelheimer, H.** Das Nebennierenrindenhormon im Kohlehydratstoffwechsel und bei der renalen Glykosurie. *Zschr. klin. Med.*, 1938-39, 135: 222-30.—**Bonem, P.** & **Hecht, P.** Zur Frage des renalen Diabetes. *Med. Klin.*, Berl., 1928, 24: 1580-2.—**Bufano, M.** Contributo alla questione del diabete renale. *Riforma med.*, 711-4.—**Cesare Piazza, V.** Sul diabete renale e sulla variabilità del rapporto fra glicemia e glicosuria. *Ann. clin. med.*, Palermo, 1927, 17: 381-422.—**Crawford, A. M.** A contribution to the study of renal glycosuria. *Lancet*, Lond., 1929, 2: 214-7.—**Deutsch, I.** Einseitige Zuckerausscheidung. *Zschr. urol. Chir.*, 1927, 23: 181-8.—**Finley, F. G.** & **Rabino-**

witch, I. M. Renal glycosuria; a clinical and metabolic study. *Q. J. Med.*, Oxf., 1923-24, 17: 260-73.—Gebhardt, H. Zum Problem des sogenannten renalen Diabetes. *Arch. Verdauungskr.*, 1934, 56: 47-58.—Gibson, R. B., & Larimer, R. N. Hypoglycemic symptoms provoked by repeated glucose ingestion in a case of renal diabetes. *J. Am. M. Ass.*, 1924, 82: 468.—Gjurić, A., & Vanysek, F. [Extrarenal origin of renal diabetes] *Cas. lek. česk.*, 1926, 65: 629.—Gottschalk, A. Störung des oxydativen Kohlenhydratabbaues durch Phlorrhizin; ein Beitrag zur Frage der sogenannten renalen Glykosurie. *Arch. exp. Path.*, 1925, 106: 209-13.—Govaerts, P., Lemort, A., & Van den Eeckhoudt, J. Etude du métabolisme hydrocarboné dans un cas de diabète rénal. *Presse méd.*, 1927, 35: 771-3.—Grenet, H., & Louvet, L. Diabète rénal et troubles glyco-régulateurs. *Bull. Soc. méd. hôp. Paris*, 1933, 3. ser., 49: 487-93.—Grote, L. R., & Heilmann, P. Ein anatomischer Befund bei renalem Diabetes. *Zbl. allg. Path.*, 1935-36, 64: 66-70.—Grunke, W. Ueber die Erweisempfindlichkeit beim renalen Diabetes. *Zschr. klin. Med.*, 1924, 98: 106-19.—Kempmann, W., & Bröcker, W. Klinisch-experimentelle Untersuchungen bei renalem Diabetes. *Deut. Arch. klin. Med.*, 1929, 163: 351-65.—Kortum, R. Experimentelle Untersuchungen über das Wesen und den Stoffwechsel bei dem sogenannten renalen Diabetes (D.5) *Arch. Kinderh.*, 1939, 118: 162-85.—Küstner, H. Die Bedeutung der Funktionen der weiblichen Genitalorgane für den renalen Diabetes. *Arch. Gyn.*, Berl., 1922, 117: 158; 1924, 122: 282.—Labbe, M., Violle, P. L., & Nepveux, F. Recherches sur la glycurie dans le diabète rénal. *Bull. Acad. méd.*, Par., 1932, 3. ser., 108: 1618-24. Also *J. méd. Paris*, 1933, 53: 227-9.—Ladd, W. S., & Richardson, H. B. The utilization of carbohydrate in a case of renal glycosuria. *J. Biol. Chem.*, 1925, 63: 681-5.—Lichtwitz, L. Ueber das Wesen der renalen Glykosurie. *Klin. Wschr.*, 1932, 11: 626-8.—Der renale Diabetes. In his path. d. Funktionen. Leiden, 1936, 40-6.—Löhr, G. Beitrag zur Frage des extrinsulären (renalen) Diabetes. *Klin. Wschr.*, 1932, 11: 1134-7.—Lombroso, U. Diabete renale e glicosuria florizinaica. In *Probl. biol. med.* (Leontovich, A. V.) Moskva, 1935, 370-6.—Mason, E. H. A case of diabetes mellitus that became one of atypical renal glycosuria. *Canad. M. Ass. J.*, 1928, 18: 557-60.—Munch-Petersen, C. J. [Pathogenesis of renal glycosuria] *Hospitals-tidende*, 1937, 80: 885-91.—Oliver Pascual, E. Comentario sobre dos casos de glicosuria ortoglicémica (diabetes renal) e hipotiroidismos constitucionales. *Med. ibera*, 1931, 15: pt 2, 277-84.—Ralli, E. P. A study of renal glycosuria. *Med. Clin. N. America*, 1931, 14: 1581-8.—Rathery, F. Il diabete renale e le sue relazioni col diabete mellito. *Riforma med.*, 1936, 52: 836-41.—Ruhl, A., & Thaddeus, S. Zur Frage des renalen Diabetes. *Deut. Arch. klin. Med.*, 1938, 182: 1-9.—Sendrail, M., & Lamarche, A. Les troubles acido-basiques dans le diabète rénal. *Ann. méd.*, Par., 1932, 32: 18-32.—Soisalo, P. Ueber die renale Glykosurie. *Acta Soc. med. Duodecim*, 1931-33, ser. B, 14: fasc. 3, No. 7, 1-94.—Sutić, D. Ueber einen Fall von schwerem renalem Diabetes und genital-hypophysärer Dysfunktion. *Wien. klin. Wschr.*, 1938, 51: 413.—Tannhauser, S. Zur Frage der sogenannten renalen Diabetes. *Zschr. klin. Med.*, 1927, 105: 148-63.—Thomson, A. P. Some observations on the modern theory of renal secretion; with an account of a case of renal glycosuria. *Lancet*, Lond., 1924, 2: 792-5.—Villa, L. Contributo allo studio dei rapporti tra glicosuria e glicemia, e del cosiddetto diabete renale. *Probl. nutriz.*, Roma, 1924, 1: 345-66.—Wade, J. L. A consideration of renal glycosuria. *Proc. Mayo Clin.*, 1936, 11: 346-9.

renal: Treatment.

Albrich, E. Zur Behandlung des renalen Diabetes. *Wien. med. Wschr.*, 1940, 90: 141.—Brüger, M., & King, S. E. Failure of calcium therapy to diminish sugar excretion in renal glycosuria. *Am. J. M. Sc.*, 1937, 193: 264-7.—Goldberg, R. Prognose et traitement du diabète rénal. *Prat. méd. fr.*, 1934, 15: 556-8.—Hetényi, G. Innersekretorische Beeinflussbarkeit der renalen Glykosurie. *Klin. Wschr.*, 1932, 11: 153.—Mochlig, R. C., & Osius, E. A. Pituitrin as a remedy for renal glycosuria. *J. Michigan M. Soc.*, 1924, 23: 362-4.—Moracchini, R. Diabete renale e insulina. *Minerva med.*, Tor., 1925, 5: 37-44.—Perrotti, C. Influenza dell'insulina sul diabete sperimentale (contributo alla conoscenza del diabete renale) *Gazz. internaz. med. chir.*, 1927, 22: 133-9.

Renal sugar threshold.

See also Diabetes mellitus, Uropoietic system: Sugar threshold.

Campbell, R. A., Osgood, E. E., & Haskins, H. D. Normal renal threshold for dextrose. *Arch. Int. M.*, 1932, 50: 952-7.—Graham, G. Variations in the threshold in renal glycosuria. *Q. J. Med.*, Oxf., 1922-23, 16: 236-44.—Irving, J. T. A note on the permeability of the kidney cell to glucose. *Guy's Hosp. Rep.*, Lond., 1930, 80: 343-7.—Labbe, M., & Livieratos, S. Glycosuries et seuil rénal du glucose. *Ann. méd.*, Par., 1938, 43: 85-100.—Mircoli, D., & Mosco, D. Ricambio glicidico e soglia renale dello zucchero nell'età senile. *Rass. fisiopat.*, 1938, 10: 73-99.—Seuil (Le) rénal du glucose. *Rev. crit. path.*, Par., 1935-37, 5: 397-401.—Thomas, H. M., jr., & Southworth, H. The renal threshold for glucose; clinical observations on a case of non-diabetic (renal) glycosuria. *Ann. Int. M.*, 1938-39, 12: 1560-75.—Yokota, S., Hara, T., & Mitsudoh, Y. Untersuchung über die Zuckerausscheidungsschwelle. *Jap. J. M. Sc.*, 1936-38, 4: *Proc. Int. Med.*, 339.

Surgical aspect.

Allan, F. N., & Vanzant, F. R. Renal glycosuria with ketosis during surgical complications. *Proc. Mayo Clin.*, 1930, 5: 196. Also *Am. J. M. Sc.*, 1930, 180: 670-6.—Bruce, H. A., Hipwell, F., & Rush, J. W. Observations on the effect of glycosuria in surgery. *Tr. Am. Surg. Ass.*, 1927, 45: 404-9.—Pecco, R. Glicemia e prova della iperglicemia alimentare negli ammalati chirurgici dell'apparato urinario e negli ipertesi. *Riforma med.*, 1927, 43: 1009-11.—Vondra, N., & Kolbenheyer, Z. [Urological aspect of glycosuria] *Magy. urol.*, 1939, 2: 187.

traumatic.

ZIEGLER, K. *Beitrag zur Frage der traumatischen Glykosurie [Würzburg] 13p. 8°. Berl., 1931.

Also *Deut. Zschr. Chir.*, 1931, 231: 248-55.

Green, A. K. The occurrence of glycosuria after trauma to the liver; report of 2 cases. *Med. J. Australia*, 1927, 2: 545.—Menninger, W. C. Traumatic glycosuria and its relation to diabetes mellitus. *J. Kansas M. Soc.*, 1926, 26: 109-13.—Saito, T. Klinische und experimentelle Studien über das Auftreten der traumatischen Glykosurie. *Arch. klin. Chir.*, 1938, 191: 47-59.

Treatment.

DALTRO SILVA, M. S. Da pathogenia e tratamento da glicosuria. 35p. 8°. Bahia, 1864.

Demmers, L. A. [A case of glycosuria improved without treatment] *Ned. tscr. geneesk.*, 1926, 70: 1394.—Iavicoli, I. Considerazioni cliniche su 19 casi di glicosuria trattati durante il biennio 1928-29. *Gior. med. Alto Adige*, 1930, 2: 882-99.—John, H. J. Therapy of non-diabetic glycosuria. *Tr. Am. Ther. Soc.*, 1940, 40: 48-53.—Kuhlmeier, W. Sind Diabetes oder extrinsuläre Glykosurien durch männliches Hormon zu beeinflussen? *Deut. med. Wschr.*, 1939, 65: 5-8.—Leyton, O. How can we decide whether a case of glycosuria should be treated? *Proc. R. Soc. M.*, Lond., 1928-29, 22: Sect. Med., 45-50.—Oliver, T. H. The treatment of glycosuria. *Postgrad. M. J.*, Lond., 1937, 13: 185-9.—Pascual, L. Données pratiques sur le diagnostic et le traitement des glycosuries. *Clinique*, Par., 1927, 22: 427-9.—Phocas, A. G. L'influence du calcium sur les glycosuries. *Arch. mal. app. digest.*, Par., 1927, 17: 1113-5.—Schultz, S. R., & Neifeld, H. Gastric lavage in glycosuria. *Med. Times*, N. Y., 1926, 54: 148.

in children.

CHARNAUX, G. E. *Les glycosuries non diabétiques chez l'enfant. 61p. 8°. Par., 1936.

RAAB, G. *Die extrinsulären Glykosurien und Hyperglykämien beim Kind. 39p. 8°. Münch., 1935.

Altmann, F. Gleichzeitiges Auftreten von Zucker und Aceton im Harn bei nichtdiabetischen Kindern (Glykoketonurie) *Zschr. Kinderh.*, 1933, 55: 639-68.—Bayer, L. M., & Davis, J. H. Nondiabetic glycosuria in children; report of 9 cases. *Am. J. Dis. Child.*, 1940, 60: 580-5.—Fanconi, G. Die nicht diabetischen Glykosurien und Hyperglykämien des älteren Kindes. *Jahrb. Kinderh.*, 1931, 3. F., 83: 257-300.—Fikri, M., & El-Sayed, M. A. The incidence of unsuspected sugars in the urine of infants and children. *J. Egypt. M. Ass.*, 1933, 16: 1080-5. Also *Arch. Dis. Childh.*, Lond., 1933, 8: 409-12.—Labbe, M. A propos d'une glycosurie chez l'enfant. *Rev. gén. clin. théor.*, 1932, 46: 801.—Landabure, P. B. Glycosuria infantil no diabetica. *Tr. Clin. Escudero*, B. Air., 1930, 4: 661-5. Also *Sem. méd.*, B. Air., 1930-31, 37: pt 2, 1358-60.—Morris, N. Glycosuria in childhood. *Postgrad. M. J.*, Lond., 1934, 10: 105-16.—Ramsey, W. R. Glycosuria of the new-born treated with insulin. *Tr. Am. Pediat. Soc.*, 1926, 38: 100.—Rau, H. Glykosuria innocens im Kindesalter. *Deut. med. Wschr.*, 1929, 55: 1338.—Spaeth, R. Glycosuria in children. *Am. J. Dis. Child.*, 1934, 48: 460.—Strandqvist, B. Infantile glycosuria simulating diabetes. *Acta paediat.*, Upps., 1932, 13: 421-8.—Young, J. G. Glycosurias in children. *Texas J. M.*, 1929-30, 25: 478-81.

GLYCOURIC ACID.

See Hydantoinic acid.

GLCYL compounds.

See under Glycine.

GLYCYRRHIZA.

Auguet, A. Composition et analyse des bonbons à la réglisse et produits similaires. *Ann. falsif.*, Par., 1909, 2: 387-90.—Busacca, A. Ricerche sull'azione emolitica della glicerrina. *Arch. farm. sper.*, 1931-32, 53: 66-71.—Duyk. Les patés dits de jujubes et de réglisse; leur analyse. *Ann. pharm.*, Louvain, 1897, 3: 518-22.—Emmanuel, E. Das griechische

Süssholz und dessen Succus. In Festschr. 70. Geburtst. A. Tschirch, Lpz., 1926, 288-290.—**Fischer, L., & Lynn, E. V.** Licorice fern and wild licorice as substitutes for licorice. *J. Am. Pharm. Ass.*, 1933, **22**: 1225-30.—**Giuffrè, U.** Sulla ricerca dell'estratto di Atractylis gummifera (Masticogna) nell'estratto di liquirizia. *Boll. chim. farm.*, 1922, **61**: 609-11.—**Glücksman, C.** L'assaggio del succo di liquirizia. *Gior. farm.*, Trieste, 1899, **4**: 163-7.—**Heuseman, P. A., & Swift, C. K.** Studies on licorice root and licorice extract; a new substance in Chinese licorice root. *Am. J. Pharm.*, 1929, **101**: 679-87.—**Insecticide** for liquorice powder. *Brit. M. J.*, 1940, **1**: 419.—**[Investigation of Extractum glycyrrhizae for pharmaceutical and technical use]** *Ny pharm. tid.*, Kbh., 1883, **15**: 124-7.—**Lloyd, J. U.** Licorice. *Am. J. Pharm.*, 1929, **101**: 805-15.—**Roussin, Z.** [Nature of the sugar containing substance in the licorice root] *Ny pharm. tid.*, Kbh., 1876, **8**: 116-21.—**Telle, F.** Composition et analyse des sucs de réglisse. *Ann. falsif.*, Par., 1911, **4**: 3-12.

GLYN-JONES, Hildreth. Forensic pharmacy. p. 1. 137p. 8°. Lond., Pharm. Press, 1929.

GLYN-JONES, Sir William, 1863-1927.

Obituary. *Brit. M. J.*, 1927, **2**: 571.

GLYNN, Ernest Edward, 1873-1929.

Obituary. *J. Path. Bact.*, Lond., 1930, **34**: 217-24, portr. Also *Liverpool Med. Chir. J.*, 1930, **38**: 39-41, portr.

— **ROBERTS, R. E., & BIGLAND, Phoebe M.** The effect of treatment on the Wassermann reactions of syphilitic patients. 95, vi p. 2 pl. tab. 8°. Lond., H. M. Stat. Off., 1926.

Forms No. 107, Spec. Rep. Ser. M. Res. Council. Gr. Britain Privy Council.

GLYNN, Thomas Robinson, 1840-1931.

A. J. H. [Obituary] *Brit. M. J.*, 1931, **1**: 917.

GLYOXAL [HOC . COH]

See also Glyoxalase; Glyoxylic acid.

Ariyama, N. Observations on glyoxals, their determination and behavior. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, **24**: 892.—**Friedemann, T. E.** The action of alkali and hydrogen peroxide on glyoxals. *J. Biol. Chem.*, 1927, **73**: 331-4.—**Macht, D. L., & Chitwood, H. C.** Physiological action of some glyoxalidine compounds. *Am. J. Physiol.*, 1935, **113**: 93.—**Maurer, K., & Woltersdorf, H.** Die Bildung von Aminosäuren aus α -Dicarbonylverbindungen; Glykokollderivate aus Glyoxal. *Zschr. physiol. Chem.*, 1938, **254**: 18-24.—**Sakuma, F.** The fate of the glyoxals in the animal body. *J. Biochem.*, Tokyo, 1931, **13**: 423-40.

— methyl.

See Glycolysis; Pyruvic acid.

— phenyl [and derivatives]

Binder-Kottra, G. Ueber die Vergärung der Phenylglyoxylsäure. *Biochem. Zschr.*, 1926, **174**: 440-2.—**Die Umwandlung von Phenylglyoxal in Mandelsäure durch die Ketonalddehydmutase grüner Pflanzen.** *Ibid.*, 443-7.—**Henze, M.** Eine einfache Darstellung des Phenylglyoxals. *Zschr. physiol. Chem.*, 1931, **198**: 82-4.—**Martini, E.** Azione vagale centrale del fenilglossale. *Boll. Soc. Ital. biol. sper.*, 1935, **8**: 1709.—**Neuberg, C., & Hofmann, E.** Ueber eine einfache Darstellung von Phenylglyoxal. *Biochem. Zschr.*, 1930, **229**: 443-5.—**Schnellverfahren zur billigen Darstellung von Phenylglyoxal.** *Ibid.*, 1931, **239**: 495-7.—**Takamatsu, A.** Heart enlarging effect of phenyl glyoxal. *Tohoku J. Exp. M.*, 1935, **27**: 434-8.

— tolyl.

Neuberg, C., & Ostendorf, C. Dismutation des p-Tolylglyoxals. *Biochem. Zschr.*, 1935, **279**: 459-62.—**Veibel, S., & Darling, S.** Ueber die Dismutation von p-Tolylglyoxal. *Enzymologia*, Gravenh., 1939, **7**: 348-52.

GLYOXALASE.

See also Glycolysis; Lactic acid; Pyruvic acid.

Dudley, H. W. Intermediary carbohydrate metabolism; the effect of sodium iodoacetate on glyoxalase. *Biochem. J.*, Lond., 1931, **25**: 439-45.—**Efendi, P. G., & Ryzhova, A. P.** [Glucoson as a substrate of glyoxalase] *Biull. eksp. biol. med.*, 1939, **7**: 407-9. Also *Bull. biol. méd. exp. URSS*, 1939, **7**: 335-8.—**Giršavičius, J. O.** Herstellung und Eigenschaften von Trockenpräparaten der Glyoxalase. *Biochem. Zschr.*, 1935, **278**: 246-51.—**Giršavičius, J. O.** Studies on antglyoxalase; methods of following glyoxalase action. *Biochem. J.*, Lond., 1931, **25**: 1807-14.—**Some properties of the enzyme glyoxalase.** *Ibid.*, 1932, **26**: 155-61.—**Some properties of the enzyme glyoxalase; p_n -activity curve with phenylglyoxal and the effect of glutathione.** *Ibid.*, 1933, **27**: 537-42.—**Einige Eigenschaften der Glyoxalase und der Mechanismus der Antglyoxalasewirkung.** *Biochem. Zschr.*, 1933, **260**: 278-312.—**Efendi, P. H., & Ryzhova,**

A. P. Einige Eigenschaften des Ferments Glyoxalase, p_n - und Temperatureffekt sowie Einwirkung von Aminosäuren auf Glyoxalase aus Trockenpräparaten. *Fermentforschung*, 1936, **15**: 32-43.—**Jowett, M., & Quastel, J. H.** The glyoxalase activity of tissues. *Biochem. J.*, Lond., 1934, **28**: 162-72.—**Kuhn, R., & Heckscher, R.** Insulin und Co-Zymase in ihren Beziehungen zur Glyoxalase; Trennung von Antglyoxalase und Trypsin; über Keto-aldehydmutasen. *Zschr. physiol. Chem.*, 1926, **160**: 154-68.—**Platt, M. E., & Schroeder, E. F.** Glyoxalase; the distribution of glyoxalase in tissues of normal and cancerous albino rats. *J. Biol. Chem.*, 1934, **106**: 179-90.—**The applicability of the manometric method to the study of glyoxalase.** *Ibid.*, 1934, **104**: 281-97.—**Sakuma, F.** Studies on glyoxalase. *J. Biochem.*, Tokyo, 1930, **12**: 247-79.—**Schroeder, E. F., Munro, M. P., & Weil, L.** Glyoxalase; the enzymatic nature of kidney antglyoxalase. *J. Biol. Chem.*, 1935, **110**: 181-200. Also repr.—**Stöhr, R.** Bemerkung zu der Arbeit von J. O. Giršavičius, P. H. Efendi und A. P. Ryzhova: Das Wesen der Antglyoxalase. *Biochem. Zschr.*, 1935, **279**: 184.—**Woodward, G. E., Munro, M. P., & Schroeder, E. F.** Glyoxalase; the antglyoxalase action of kidney and pancreas preparations. *J. Biol. Chem.*, 1935, **109**: 11-27. Also repr.

GLYOXALINE.

See Imidazol.

GLYOXYLIC acid [HOC . COOH]

See also Glyoxal; Protid, Chemistry; Tryptophan.

BEUST, R. von. *Ueber Hydrazone und Semicarbazone der Glyoxylsäure und deren Ester. 53p. 8°. Erlangen, 1919.

SEUFERT, R. *Ueber die Hydrazone der Glyoxylsäure. 63p. 8°. Erlangen, 1914.

Lebedev, A. Sur la fermentation de l'acide glyoxylique. *Biochem. J.*, Lond., 1918, **12**: 81-6.—**Roncato, A., & Mascarello, G.** Metabolismo dell'acido gliossilico. *Arch. sc. biol.*, Bologna, 1937, **23**: 281-302.

GMEINER [George Ernst] Gerhard, 1898-

*Beitrag zur Klinik und Therapie der Meningococcenerkrankung. 45p. 8°. Lpz. [n. pub.] 1925.

GMELIN, Walter. Der Tod im Wasser als Unfall. 48p. 8°. Berl., F. C. W. Vogel, 1933.

Forms Beih. 16, Msch. Unfallh.

GMINDER, Ernst, 1908- *Beitrag zur Klinik der acuten Pankreasnekrose [Tübingen] 23p. 8°. Reutlingen, C. Killinger, 1933.

GNAEDIG [Friedrich Wilhelm] Oskar, 1910- *Innere Sekretion und Kieferbildung [Heidelberg] 37p. 8°. Bottrop, W. Postberg, 1934.

GNAPHALIMUM.

Rosenfeld, O. A. [Effect of aqueous preparations (infusion and decoction) of Gnaphalium arenarium on the evacuatory function of the stomach] *Vrach. delo*, 1940, **22**: 195-202.—**Swidler, S. M.** [Pharmacology of the chologogic action of Extr. Gnaphalii arenarii] *Ibid.*, 193-6.

GNAT.

See Diptera; Insect.

GNATHOBDELLIDAE.

See Hirudinea; Hirudo; Limnatis.

GNATHOSCHISIS.

See under Jaw.

GNATHOSTOMA.

See also Creeping eruption; Nematoda.

Africa, C. M., Refuerzo, P. G., & Garcia, E. Y. Observations on the life cycle of Gnathostoma spinigerum. *Philippine J. Sc.*, 1936, **59**: 513-23. 3 pl. Also repr.—**Bonne, C.** [Gnathostomiasis] *Geneesk. tscr. Ned. Indie*, 1938, **78**: 671-3.—**Daengsvang, S.** An abdominal tumour caused by Gnathostoma spinigerum (Owen 1836). *Ind. M. Gaz.*, 1939, **74**: 399.—**Tansurat, P.** A contribution to the knowledge of the second intermediate hosts of Gnathostoma spinigerum Owen, 1836. *Ann. Trop. M. Parasit.*, Liverp., 1938, **32**: 137-40.—**Datta, S.** Infection by a gnathostome simulating mastoiditis. *Ind. M. Gaz.*, 1930, **65**: 314.—**Maplestone, P. A.** A case of

human infection with a gnathostome in India. *Ibid.*, 1929, 64: 610-4.—**Mitter, S. N.** Note on *Gnathostomum spinigerum*. *Parasitology*, Camb., 1912, 5: 150, pl.—**Morishita, K. O. R.** A pig nematode, *Gnathostoma hispidum*, Fedchenko, as a human parasite. *Ann. Trop. M. Parasit.*, Liverp., 1924-25, 18: 23-6.—**Faust, E. C.** Two new cases of human creeping disease (*Gnathostomiasis*) in China, with a note on the infection in reservoir hosts in the China area. *J. Parasit.*, Urbana, 1924-25, 11: 158-62, 2 pl.—**Prommas, C., & Daengsvang, S.** Nine cases of human *gnathostomiasis*. *Ind. M. Gaz.*, 1934, 69: 207-10.—**Robert, L.** La *gnathostomose* humaine; œdème ambulatoire siamois dû à *Gnathostomum spinigerum* (R. Owen, 1836). *Bull. Soc. path. exot.*, Par., 1922, 15: 854-60.—**Samy, P. C.** *Gnathostomum siamense* or *Gnathostomum Owen*. *Ind. M. Gaz.*, 1918, 53: 436.—**Travassos, L.** Contribuições para o conhecimento da fauna helmintológica brasileira; sobre as espécies brasileiras do genero *Gnathostoma* Owen, 1836. *Sciencia med.*, Rio, 1925, 3: 508-17.—**Yoshida, S.** Beitrag zur Kenntnis der *Gnathostoma spinigerum*. *Tr. Jap. Path. Soc.*, 1926, 16: 106.

GNAU, Heinrich, 1905—*Vergleiche therapeutischer Massnahmen bei Erkrankungen des Parodontiums unter besonderer Berücksichtigung der sogenannten Dunlop-Methode. 30p. 8°. Marb., C. Schaaf, 1931.

GNETACEAE.

See *Ephedra* [4. ser.]

GNILKA, Hans, 1911—*Ueber die Erfordernisse bei vollständigem Ersatz der Nase nach dem indischen Verfahren. 15p. 22½cm. Würzb., R. Mayr, 1936.

GNOMONIA.

Tubeuf von. *Gnomonia pseudoplatani* n. sp., die Ursache der Riesenflecken auf den Blättern des Bergahorns (*Acer pseudoplatanus*) *Zschr. Pflanzenk.*, 1930, 40: 364-75.

GNOSCOPINE.

See under *Opium*.

GNOTH, Kurt, 1907—*Die chronische aleukämische Myelose in ihrer Bedeutung für den Zahnarzt [Breslau] 21p. 22½cm. Würzb., K. Triltsch, 1937.

GNUDI, Martha Teach.

See **Webster, Jerome P., & Gnudi, Martha T.** Documenti inediti intorno alla vita di Gaspare Tagliacozzi. 149p. 8°. Bologna, 1935.

GNUEGE, Adalbert, 1909—*Ueber die klinischen Erfahrungen mit der operativen Behandlung der chronisch-serösen Nasen-Nebenhöhlen-Entzündung. 23p. 22½cm. Marb., H. Bauer, 1936.

GNUSE, August, 1914—*Ueber die Veränderung des Lipasegehaltes im Blutserum vor und nach rektalen Vitalserum SS Infusionen [Berlin] 20p. 22½cm. Quakenbrück, R. Kleinert, 1939.

GO, Dhiam Ling, 1901—*Ueber den Wassergehalt des Blutes beim Säugling. 46p. 8°. Berl., E. Ebering, 1927.

GOADBY, Kenneth Weldon, 1873—The mycology of the mouth; a text-book of oral bacteria. xv, 241p. illust. 8°. Lond., Longmans, Green & Co., 1903.

— Diseases of the gums and oral mucous membrane. 4. ed. xviii, 496p. 15 pl. 8°. Lond., Oxford Univ. Press, 1931.

GOA powder.

See *Chrysarobin*.

GOAPPER, Yves, 1914—*Contribution à l'étude de l'infarctus du testicule sans torsion du cordon. 44p. 24½cm. Par., Vigot frères, 1939.

GOARIN, Alain, 1914—*Contribution à l'étude des kystes aériens chez l'enfant. 23p. 24cm. Par., E. Le François, 1940.

GOARIN, François Yves, 1911—*Indications thérapeutiques de l'acide l-ascorbique en

dehors du scorbut. 48p. 24½cm. Par., A. Legrand, 1939.

GOASGLAS, Paul Jean, 1912—*A propos de l'ionisation aux sulfates de cuivre et de zinc dans le traitement des lésions microbiennes de la peau. 42p. 25cm. Par., L. Arnette, 1939.

GOAT.

HEER, A. *Zur Entwicklung und Morphologie der Appendices colli (Glöckchen, Berloeken) der Ziege; Beitrag zum Bau und zur Entwicklung von Hautorganen bei Säugetieren. 31p. 8°. Zür., 1922.

RITZMAN, E. G., WASHBURN, L. E., & BENEDICT, F. G. The basal metabolism of the goat. 23p. 8°. Durham, N. H., 1936.

THOMPSON, G. F. Information concerning the milk goats. 87p. 8°. Wash., 1905.

Aronson, J. D. The primary toxicity of goat serum. *J. Immun.*, Balt., 1928, 15: 465-88.—**Asdell, A. S., & Crew, F. A. E.** The inheritance of horns in the goat. *J. Genet.*, Lond., 1924-25, 15: 367-74.—**Bartelt, O., & Lau, E.** Beobachtungen an Ziegen. *Psychol. Forsch.*, 1924, 5: 340-2.

— Breeding.

ALLENSPACH, V. *Beitrag zur Kenntnis der schweizerischen Ziegenzucht, speziell der Toggenburgerziege und zugleich eine Untersuchung über den Schädelbau der hornlosen Ziegenrassen [Zürich] 71p. 8°. Braunfels, 1923.

MIDHAT Bey, A. *La chèvre d'Angora; les chèvres à oreilles tombantes et à toison frisée [Alfort] 48p. 8°. Par., 1925.

MOURTADA, Y. *La chèvre de Syrie [Alfort] 73p. 8°. Par., 1934.

RIBOUX, J. *La chèvre dans l'Indre; ses principales maladies et les améliorations à apporter, à son élevage [Alfort] 33p. 8°. Buzançais, 1928.

SENTHILLE, F. *Contribution à l'étude de la chèvre domestique; espèces sauvages voisines; origine des principales races. 114p. 8°. Lyon, 1935.

Amschler, W. Beiträge zur Rassen- und Abstammungsfrage der Hausziege sowie zur Erforschung der Urzentren der Haustierwerdung. *Biol. gen.*, Wien, 1931, 7: 445-68.—**Bourlier, C.** La chèvre d'Angora. *J. méd. vét.*, Lyon, 1857, 13: 116-20.—**Dimitriadis, J. N.** Capra-Aegagrus-Reste auf griechischen Inseln. *Biol. gen.*, Wien, 1937, 13: 124-42, 2 pl.—**Wodzicki, K.** Beitrag zur Kenntnis der neolithischen und mittelalterlichen Ziegen aus Polen. *Bull. internat. Acad. polon. sc.*, 1933, 3. ser. B, 2, 89-107, ch. pl.

— Disease.

See also under proper names of diseases as **Abortion, infectious; Tuberculosis.**

Balozet, L. Réceptivité de la chèvre et du cheval à l'inoculation intracérébrale du virus claveléux. *C. rend. Soc. biol.*, 1931, 107: 1461.—**Beaton, W. G.** Diseases of goats in Nigeria; notes on a fatal septicemic infection. *J. Comp. Path.*, Lond., 1931, 44: 192-201.—**Blanc, G., Melandis, C., & Caminopetros, J.** Nouvelles recherches expérimentales sur la stomatite des chèvres. *Arch. Inst. Pasteur hellén.*, 1923-26, 1: 230-8, 5 pl.—**Cristiani, H.** Séquelles de la fluorose chez la chèvre. *C. rend. Soc. biol.*, 1931, 106: 1108.—**Debonera, G.** Une forme particulière et grave d'agalaxie contagieuse: la maladie des oedèmes des chèvres de Sparte. *Rec. méd. vét.*, 1937, 113: 79-92.—**Firket, C.** Stomatite papillomateuse épizootique chez les chèvres du Congo. *Ann. méd. vét.*, Brux., 1910, 59: 369-73. Also *Arch. Schiff's Tropenhyg.*, 1910, 14: 133-7, 2 pl.—[**Germany**] Verordnung des Wirtschaftsministeriums über Unfruchtbarkeit der Ziegenböcke. *Reichsgesundhbl.*, 1938, 13: 217.—**Grimpret, J.** Etude clinique d'une épizootie. *Rec. méd. vét. exot.*, 1938, 11: 105-12.—**Grisolia, A.** Contributo alla isopatinoterapia ed alla isopatinoprofilassi della plenopomolite essudativa delle capre. *Profassi*, 1930, 3: 104-7.—**Johnson, S. A.** Disease problems in goat dairies. *Cornell Vet.*, 1939, 29: 166-72.—**Liddo, S.** Agglutinazione granulare e flocculare dal sangue e dal latte di caprini affetti da brucellosi. *Patologica*, Genova, 1939, 31: 69-71.—**Lourens, L. F. D. E.** [Infectious agalactia in goats] *Tschr. diergeneesk.*, 1926, 53: 244-9.—**Magens, H. J.** Common diseases of angora goats and their control. *North Am. Vet.*, 1932, 13: 25-32.—**Pegreff, G.** Dermatitis pustulosa mammaria des brébis et des chèvres. *Boll. Sez. ital. Soc. internaz. microb.*, 1934, 6: 275-9.—**Pigoury,**

L. L'agalaxie contagieuse de la chèvre au Liban. Bull. Soc. path. exot., Par., 1938, 31: 194-9.—**Randall, R.** Bacillus necrophorus infection among goats. Vet. Bull., Wash., 1928, 21: Suppl., 262.—**Rossi, L.** Sull'enterite cronica paratubercolare della capra. Proflassi, 1929, 2: 187.—**Shaw, J. N., & Seghetti, L.** Casous lymphadenitis in milk goats. North Am. Vet., 1939, 20: No. 5, 39.

Milk.

See also **Anemia**, goat milk.

GAMBLE, J. A., ELLIS, N. R., & BESLEY, A. K. Composition and properties of goat's milk as compared with cow's milk. 72p. 8°. Wash., 1939.

OERTEL, R. [H. P.] *Untersuchungen über den Jodgehalt der Milch normaler und schilddrüsenloser Ziegen und über die Wirkung der Milch schilddrüsenloser Tiere auf ihre Nachkommen [Giessen] 30p. 8°. Bonn, 1930.

Besley, A. K. Recent investigations of goat's milk. Am. J. Pub. Health, 1940, 30: 182-5.—**Chimera, G.** La latto reazione (Zammit-test) nel latte delle capre della città di Palermo. Policlinico, 1909, 16: sez. prat., 677-80.—**Chollet, A., & Camus, A.** Etude de la matière grasse du lait de chèvre; son application éventuelle à la recherche du mélange du lait de chèvre et de lait de vache. Ann. falsif., Par., 1937, 30: 405; 1938, 31: 224.—**Fischer, K.** Ueber Ziegenmilch und Ziegenbutter. Zschr. Untersuch. Nahrungsmitt., 1908, 15: 1-13.—**Hayat & Benmussa.** Intoxication grave par le lait de chèvre. Rev. tunis. sc. méd., 1927, 21: 291-4.—**Hogan, G., & Azadian, A.** The composition of Egyptian goat milk (the milk of individual animals) Rep. Pub. Health Lab., Cairo, 1918, 39-42.—**Kohn, F. G.** Ein Kriterium zur Unterscheidung von Kuhmilch und Ziegenmilch im Rahmen der Gerberschen Acidbutyrometrie. Zschr. Fleisch Milchw., 1928-29, 39: 279-81.—**Mantovani, G.** Ricerche sul contenuto in acido citrico nel latte di capra; il rapporto acido citrico-lattosio. Clin. vet., Milano, 1936, 59: 370-2. — Metodo pratico per mettere in evidenza l'aggiunta di latte di vacca a latte di capra. Igiene mod., 1936, 29: 345-7.—**Meyenberg** evaporated goat milk. J. Am. M. Ass., 1937, 109: 1815.—**Neisser, M.** Gute einwandfreie Ziegenmilch zum Rohgenuss. Bl. Volksgesundh., 1906, 6: 169-71.—**Neri, F., & Simonetti, F.** Sul potere microbica del latte di vacca e di capra. Igiene mod., 1930, 23: 129-38.—**Ochse, W.** Untersuchungen über den Einfluss von Ziegenmilchernährung auf Ratten. Zschr. ges. exp. Med., 1935-36, 97: 252-64.—**Peterson, V. E., Turner, C. W., & Ralston, N. P.** The energy content of goat milk. J. Nutrit., 1939, 17: 293-301.—**Richmond, M. S., Satterfield, G. H. [et al.]** Ascorbic acid content of goat's milk and blood; influence of ascorbic acid injection and diet. Ibid., 1940, 20: 99-108.—**Riemenschneider, R. W., & Ellis, N. R.** The effect of ingested cottonseed meal upon the distribution of the constituent fatty acids of goat milk. J. Biol. Chem., 1936, 114: 441-7. Also repr.—**Scheurle, E.** Ueber Ziegenmilch. Verh. Ges. deut. Naturforsch. (1906) 1907, 2 Teil, 2. Hefte, 378-81. — Untersuchungen und Beobachtungen über Ziegenmilch und Ziegenhaltung. Molkerei Ztg., 1908, 18: 277-9.—**Sforza, M., & Andolfato, A.** Ricerche su alcuni costituenti normali del latte di capra e di pecora nella colonia Eritrea. Arch. ital. sc. med. col., 1937, 18: 215-28.—**Sparapani, J. C.** Le lait de chèvre; sa valeur alimentaire; sa caractérisation biologique. Bull. Soc. sc. hyg. aliment., Par., 1929, 17: 353-5.—**Sprinkmeyer, H., & Furstenberg, A.** Ein Beitrag zur Kenntnis der Ziegenmilch und Ziegenbutter. Zschr. Untersuch. Nahrungsmitt., 1907, 14: 388-91.—**Stathopoulos, T. G.** Examen des échantillons de beurres authentiques du lait de brebis et de chèvre. J. pharm. chim., Par., 1933, 8. ser., 18: 287-9.—**Vacca pauperis.** Brit. M. J., 1908, 1: 1303.

Parasites.

Coles, J. D. W. A. A Rickettsia-like organism and an unknown intracellular organism of the conjunctival epithelium of goats. Onderstepoort J. Vet. Sc., 1935, 4: 389-95.—**Dey, D.** Generalized infection of Coenurus serialis or Multiceps gaigerii in goats. Tr. Far East. Ass. Trop. M., 1927, 7. Congr., 3: 656, 2 pl.—**Fourie, P. J. J.** A case of demodetic mange in the goat. Rep. Dir. Vet. Educ. Pretoria, 1928, 629-31, 2 pl.—**Gaiger, S. H.** Coenurus serialis found in 2 goats in India. J. Trop. Vet. Sc., 1907, 2: 316-21, 3 pl.—**Hoare, C. A.** On an Entamoeba occurring in English goats. Parasitology, Lond., 1940, 32: 226-37.—**Ivanov, X.** Ueber die Verbreitung der Linguatulose unter den Ziegen in Bulgarien. Zschr. Infektkr. Haustiere, 1937-38, 52: 79-84.—**Jakimov, V. L., Amondzhulov, S. A., & Rastegaev, E. F.** [Coccidiosis in goats in the Urals] Vest. mikrob., 1930, 9: 573-5.—**Kohn, F. G.** Mischinfektion mit Coccidien und Strongyloides bei einer Ziege. Prag. tierärzt. Arch., 1935, 15: 107-11.—**Percira, C., & Vaz, Z.** Origem helmintica de uma epizootia de cabras. Rev. biol., S. Paulo, 1929-31, 2: 137-41.—**Prein, W.** Hypoderma bovis und Oestrus ovis bei Ziegen. Deut. tierärzt. Wschr., 1938, 46: 33-5.—**Schwartz, B.** The occurrence of pinworms in goats in the United States. North Am. Vet., 1927, 8: 22.—**Tunnichiff, E. A.** Monthly treatment of goats with tetrachlorethylene. J. Am. Vet. M. Ass., 1930, 77: 338-43.

GOAT-POX.

Besnoit, C., & Robin, V. Sur la variole de la chèvre. Rev. vét., Toulouse, 1923, 75: 685-95.—**Blanc, G., Melanidi, C., & Stylianopoulos, M.** Contribution à l'étude des varioles animales: variole des chèvres et stomatite pustuleuse. C. rend. Soc. biol., 1926, 95: 259. — La variole des chèvres en Grèce. Bull. Soc. path. exot., Par., 1927, 20: 583-7. Also Arch. Inst. Pasteur hellén., 1928, 2: 129-33, 3 pl.

GOBAT, Horst, 1900— *Beiträge zur Kasuistik der Fremdkörper in Trachea und Bronchien. 23p. 8°. Königsb. Pr., J. Raabe, 1928.

GOBBERT, Erich, 1907— *Volumetrische Vergleichsmessungen an normalen und pathologischen Fällen. 34p. 8°. Bresl., Breslauer Genossenschafts-Buchdr., 1932.

GOBERT, Marguerite Blanche, 1895— *Recherches histologiques sur le cycle menstruel de la femme. 73p. 3 pl. 8°. Par., L. Arnett, 1927.

GOBES, Alfred, 1906— *Situs inversus totalis [Berlin] 28p. 8°. Charlottenb., Gebr. Hoffmann [1934]

GOBINEAU, Count Joseph Arthur, 1816-82. **SPRING, G. M.** *The vitalism of Count de Gobineau. 303p. 8°. N. Y., 1932.

Poisson, G. L'œuvre ethnologique de Gobineau. Rev. anthrop., Par., 1933, 43: 131-41.

GOBY, René, 1908— *Contribution à l'étude des accidents nerveux au cours de la vaccination antitypho-paratyphoïdique. 96p. 8°. Par., M. Vigné, 1934.

GOCHT, Albert [Louis] 1909— *Ueber die Anämie der Frühgeburten. 23p. 8°. Tüb. [n. pub.] 1934.

GOCHT, Hermann, 1869-1938. Die Röntgenliteratur; im Auftrag der Deutschen Röntgengesellschaft und unter Mitarbeit des Literatursonderrauschusses. 15v. 8°. Stuttg., F. Enke, 1911-36.

— Anleitung zur Anfertigung von Schienen-Verbinden. 20p. 8°. Stuttg., F. Enke, 1915.

— Deutsche Orthopädie. 7v. 8°. Berl., F. Enke, 1921-36.

CONTENTS

4. Bd Orthopädie in der Kriegs- und Unfallheilkunde. A. Blencke [et al.] 1921.

5. Bd Pseudarthrosen. G. Hohmann, 1921.

6. Bd Plattfuß. K. Cramer, 1925.

7. Bd Zahl in der Orthopädie. H. Storek, 1930.

8. Bd Neuropathische Knochen- und Gelenkaffektionen. A. Blencke & B. Blencke, 1931.

9. Bd Das menschliche Bein. N. Böhm, 1935.

10. Bd Angeborener Klumpfuß. H. DeBrunner, 1936.

See also **Blencke, August, & Gocht, Hermann.** Die orthopädische Weltliteratur; 1903-30. 2v. 590p.; 557p. 8°. Stuttg., 1936.

For biography see Arch. orthop. Unfallchir., 1938, 39: 1-3, portr. (A. Wittek) Also Chir. org. movim., 1937-38, 23: 497 (V. Putti) Also Deut. med. Wschr., 1938, 64: 977 (L. Kreuz) Also Münch. med. Wschr., 1938, 85: 999 (P. Bade) Also Strahlentherapie, 1938, 62: 209 (H. Meyer) Also Zschr. Krüppelfürs., 1938, 31: 66 (G. Hohmann) Also Zschr. Orthop., 1938, 68: 241-5, portr. (L. Kreuz)

— & **DEBRUNNER, Hans.** Orthopädische Therapie. x, 340p. roy. 8°. Lpz., F. C. W. Vogel, 1925.

GOCHT, Johannes, 1896— *Der Trismus im Symptomkomplex des Tetanus (Auszug) 8p. 8°. [Lpz., n. pub.] 1923.

GOCKE, Hans, 1902— *Ueber arteficielle Hauterkrankungen [Münster] 29p. 8°. Quakenbrück, R. Kleinert, 1930.

GOCKE, Hans, 1908— *Ueber Auftreten von Zylindern und Eiweiss im Harn als Folge der postoperativen Acidose [Würzburg] 32p. 8°. Berl., R. Pfau, 1935.

GOCKEL, Bernhard, 1900— *Zur Genese und Therapie der radikalen Cysten im Oberkiefer [Münster] 23p. 21cm. Werne a. d. Lippe, F. Grube, 1934.

GOCKEL, Johannes. *Die Ergebnisse der Malariabehandlung der Frühluces an den Klinik für Haut- und Geschlechtskrankheiten in München. 16p. 8°. Münch., C. Wolf & Sohn, 1927.

GOCKEL, Klemens, 1905— *Die Entstehung der Gelenkkörper und ihr Wachstum unter besonderer Berücksichtigung der Chondromatose [Münster] 35p. 8°. Quakenbrück, R. Kleinert, 1934.

GOCLENIUS, Rodericus, 1572-1621. De magnetica vulnorum curatione. p.177-225. 20½cm. Nürnb. [1662]

In Ratray. Theatrum, Nürnb., 1662.

— Synarthrosis magnetica (written against J. Roberti, S. J.) p.237-308. 20½cm. Nürnb. [1662]

In Ratray. Theatrum, Nürnb., 1662.

GOD.

See also Mythology; Religion; Theology.

Albright, W. F. Anatolian ass and vine deities in Mesopotamia. Johns Hopkins Univ. Circ., 1917, No. 6, 45.—**Chadwick, M.** Die Gott-Phantasie bei Kindern. Imago, Wien, 1927, 13: 383-94.—**Cook, A. B.** The European sky-god. Folk Lore, Lond., 1905, 16: 260; 1906, 17: 27; 141.—**Couchoud, P. L.** Les dieux de l'Asie. Aesculape, Par., 1928, n. ser., 18: 302-5.—**Flournoy, H.** Civa Androgyne; contribution à l'étude psychanalytique des principaux symboles et attributs d'une divinité hindoue. Arch. psychol., Genève, 1923, 18: 235-54.

—**Fokken, H.** Gottesanschauungen und religiöse Ueberlieferungen der Masai. Arch. Anthropol., Brnschw., 1916, n. F., 15: 237-52.—**Hoffmann, E.** Gottesschau bei Meister Eckhart und Nikolaus von Cues. In Festschr. H. Zangger, Zür., 1935, 2: 1033-45.—**Jones, E.** Uno studio psicoanalitico sullo Spirito Santo. Arch. gen. neur., Nap., 1922, 3: 117-26. Also Internat. Zschr. Psychoanal., Wien, 1922, 8: 494. Also Imago, Lpz., 1923, 9: 58-72.—**Mahr, A.** Wotan in der deutschen Volksüberlieferung. Mitt. Anthropol. Ges., Wien, 1928, 58: 143-67.—**Müller, R. F. G.** Die Krankheits- und Heilgottheiten des Lamaismus. Anthropos, Mödling, 1927, 22: 956-91. Also Arch. Gesch. Med., 1927, 19: 9-26.—**Nieuwenhuis, A. W.** Das höchste Wesen im Heidentum. Internat. Arch. Ethnogr., Leiden, 1926, 27: 30; 79; 135.

— Der Urmonotheismus (anlässlich der Herausgabe von P. W. Schmidt, Der Ursprung der Gottesidee) Ibid., 1935, 33: 123-48.—**Peruss, K. T.** Die höchste Gottheit bei den kulturarmen Völkern. Psychol. Forsch., 1922, 2: 161-208.

— Der Ursprung der Gottesidee. Anthropos, Mödling, 1928, 23: 464-70.—**Röhr, J.** Das Wesen des Mana. Ibid., 1919-20, 14: 15: 97-124.—**Roheim, G.** Primitive high gods. Psychoanal. Q., 1934, 3: pt 2, 3-133.—**Schmidt, W.** Donner und Regenbogen beim höchsten Wesen der Yuki. In Essays Anthropol. (A. L. Kroeber) Berkeley, 1936, 299-308.—**Smith, G. E.** Dragons and rain gods. Bull. John Rylands Libr., Lond., 1919, 5: 317-80. 8 pl.—**Stucken, E.** Spuren des Himmelsmannes in Amerika. Arch. Anthropol., Brnschw., 1914-15, n. F., 13: 317-22.—**Wanger, W.** The Zulu notion of God according to the traditional Zulu God-names. Anthropos, Mödling, 1923-24, 18-19: 656; 1925, 20: 558; 1926, 21: 351.—**Wolk, P. C. van der.** Das Tri-theon der alten Inder. Imago, Lpz., 1921, 7: 387-423.—**Worship (The)** of the god Obalufon: cursing to obtain a blessing. Folklore, Lond., 1916, 27: 433.—**Zure, R. P. B.** Immana, le dieu des Barundi. Anthropos, Mödling, 1926, 21: 733-76.

GODALMING, Engl. Meath Home of Comfort for Epileptics. Annual reports. Godalming, 1.-29., 1893-1921.

Incomplete.

GODARD, Adrien, 1893— *De la strongylose gastro-intestinale du mouton; essais de traitements par le sulfate de cuivre et l'huile thymolée [Alfort] 48p. 8°. Par., Vigot frères, 1928.

GODARD, Anne Jean Maurice, 1889— *L'autruche: sa domestication, son élevage, aux colonies en particulier [Alfort] 62p. 8°. Tunis [n. pub.] 1926.

GODARD, Jacques Pierre, 1905— *Les assurances sociales et la lutte antituberculeuse [Paris] 212p. 8°. Bourges, Impr. Nouv., 1931.

GODARD, Léon Louis, 1907— *La pharmacie dans les asiles d'aliénés; son organisation avec commentaires du règlement modèle du service intérieur des hôpitaux psychiatriques du 5 février 1938. 89p. 8°. Par., Vigot frères, 1938.

GODARD, Michel, 1895— *Du kératocône; son traitement par la sclérecto-iridectomie. 70p. 8°. Par., Jouve & cie, 1925.

GODARD, Paul Jean Edouard, 1899— *Trois expériences nouvelles d'ophtalmologie: diplopie physiologique à la loupe; trou quadristénopique et amétropies; ophtalmoscopie de soi-même. 58p. 8°. Par., A. Legrand, 1925.

GODARD, Raymond, 1903— *L'insomnie; contribution à l'étude de la médication hypnotique et analgésique. 108p. 8°. Par., Jouve & cie, 1930.

GODBER, Noël. Don't do it, doctor. 288p. 8°. Lond., J. Long [1935]

GODDARD, Calvin.
See American (The) Journal of Police Science. Chic. 2: 3: 1931-32.

GODDARD, E[rnest] H[ope] 1879—, & **GIBBONS, P. A.** Civilization or civilisations; an essay in the Spenglerian philosophy of history. xvi, 231p. 8°. Lond., Constable & Co., 1926.

GODDARD, Henry Newell, 1867—
See Kenoyer, Leslie A., & Goddard, Henry N. General biology. 630p. 8°. N. Y., 1937.

GODDARD, Jonathan, 1617-74?
Rollston, H. [Biography] Ann. M. Hist., 1940, 3. ser., 2: 91-7.

GODDARD, Pliny Earle, 1869— Navajo texts. 179p. 24½cm. N. Y., Am. Mus. Natur. Hist., 1933.

Forms pt 1, v.34, Anthropol. Papers Am. Mus. Natur. Hist.

GODDARD, Robert H[utchings] 1882— Liquid-propellant rocket development. 10p. illust. 11 pl. 8°. Wash., 1936.

Forms No. 3, v.95, Smithsonian. Misc. Coll.

GODDUHN, Theodor, 1887— *Ueber die Ergebnisse elastometrischer Untersuchungen am gesunden Zahn zur Feststellung von Normenwerten [Halle] 16p. 3 ch. 8°. Halle, O. Jung, 1929.

GODEFROY, André, 1911— *Traitement de la syphilis; traitement de fond méthodique, régulier, chronique, intermittent [Lyon] 92p. 8°. Bourg, Bosc frères, 1935.

GODEFROY, Michel Louis, 1899— *Les calcifications ganglionnaires thoraciques. 118p. 3 pl. 8°. Par., L. Arnette, 1930.

GODEL, Roger, 1898— *Les formes cliniques et évolutives de l'insuffisance cardiaque au cours de la tuberculose pulmonaire. 142p. 3 pl. 8°. Par., A. Legrand, 1928.

GODEL, Yves, 1907— *Les traitements du cornage chronique à l'Ecole d'Alfort [Alfort] 45p. 8°. Saumur, H. Chevalier, 1930.

GODENECHÉ, Georges Jean, 1911— *La mort in-utéro d'un des foetus dans la grossesse gemellaire. 57p. 8°. Par., L. Arnette, 1937.

GODER, Klaus Jürgen, 1907— *Die traumatische retrograde Amnesie; ihre Beurteilung und strafrechtlich-forensische Bedeutung [München] 30p. 8°. Würzb., R. Mayr, 1933.

GODET, Marcel Ernest René, 1895— *De l'intoxication des bovins par l'alcool [Alfort] 40p. 8°. Par., Le François, 1928.

GODFREY, Robert. Various injuries and abuses in chymical and Galenical physie. [7] l. 208p. 12°. London, John Darby for Rich. Jones, 1674.

[**GODFRIDUS**] Description of all members of the body. p.146-58. 12°. Lond., 1711.

In his Knowledge of things [&c.] Lond., 1711.

— Husbandman's practice. p.77-145. 12°. Lond., 1711.

In his Knowledge of things [&c.] Lond., 1711.

— Knowledge of the things unknown [4] 172p. [6] 12°. London, H. Rhodes, 1711.

- GODFROY, Jean**, 1911— *L'Hôpital Saint-Michel; son histoire; son activité. 29p. 23½cm. Par., A. Lapiet, 1939.
- GODILLON, Etienne**, 1910— *Des avantages de la position ventrale fléchie dans l'anesthésie rachidienne à la percaine, solution hypobar. 55p. 23½cm. Par., M. Vigné, 1938.
- GODIN, Carl Ludwig von**, 1903— *Ein Fall eines dreifachen primären Carcinoms. 17p. 8°. Würzb., K. Roll, 1935.
- GODIN, Maurice**, 1906— *La gonorréaction dans le diagnostic des rhumatismes subaigus et chroniques. 79p. 8°. Par., Vigot frères, 1932.
- GODIN, Paul**, 1857— Recherches anthropométriques sur la croissance des diverses parties du corps. 2. éd. xi, 268p. pl. tab. diagrs. 8°. Par., A. Legrand, 1935.
See also Pende, Nicola. La biotypologie humaine [&c.] 31p. 8°. Par., 1925.
- GODINEZ-RIVERA, José**, 1908— *La lutte contre le typhus exanthématique au Mexique. 39p. 8°. Par., Jouve & cie, 1934.
- GODINHO, Arthur**. *Breve estudo sobre a cocaina. 119p. 8°. Lisb., E. Roza, 1886.
- GODINHO, José V., jr.** *Os climas d'altitude no tratamento da tuberculose pulmonar. 147p. 8°. Lisb., Impr. Minerva, 1888.
- GODLEWSKI, Guy Charles**, 1913— *Le poids normal; sa fixation en fonction de l'âge, de la taille et du sexe; son maintien au cours de la vie. 24p. 25cm. Par., Vigot frères, 1939.
- GODMAN, John D[avidson]** 1794–1830. Addresses delivered on various public occasions; with an appendix, containing a brief explanation of the injurious effects of tight lacing upon the organs and functions of respiration, circulation, digestion [&c.] 194p. 8°. Phila., Carey, Lea & Carey, 1829.
For biography see Ann. M. Hist., 1937, 9: 293–303 (W. S. Miller)
- GODOY, Paulo de**. *Eugénia e seleção. 98p. 8°. S. Paulo [n. pub.] 1927.
- GODOY Cremer, Sylvio de**. *A reacção do tribromato de ouro e o seu valor médico-legal na diagnose do esperma. 51p. 2 pl. 8°. [S. Paulo, n. pub.] 1930.
- GODOY Moreira e Costa Sobrinho, Antonio**. *Cellulas argentaffins e carcinoides do appendice ileo-cecal. 53p. 10p. 8°. S. Paulo [n. pub.] 1930.
- GODOY Quezada, Lucrecia**. *Contribución al estudio de la presión osmótica de las proteínas sanguíneas [Chile] 25p. 8°. [Santiago, n. pub.] 1930.
- GODWIN, George Stanley**, 1889— Peter Kürten; a study in sadism. 58p. illust. 8°. Lond., Acorn Press, 1938.
- GODZIEK, August Gustav**, 1893— *Die psychologische und biologische Komponente der Dementia praecox mit Berücksichtigung der Pathogenese [Kiel] 24p. 8°. Waldenburg i. Schl., O. Hilliger, 1926.
- GOEBBERT, Hans Heinrich**, 1906— *Ueber Encephalocoele occipitalis [Königsberg] 19p. 22cm. Würzb., R. Mayr, 1938.
- GOEBE, Albert**, 1901— *Beitrag zur Kenntnis der Gasgangrän. 18p. 8°. [Berl., n. pub.] 1928.
- GOEBEL, Alfred**, 1905— *Beiträge zur pathologischen Physiologie der Entzündung; der Sauerstoffverbrauch des Gesamtorganismus bei der aseptischen Entzündung [Frankfurt] p.133–60. 8°. Münch., J. F. Bergmann, 1931.
Also Frank. Zschr. Path., 1931, 42:
- GOEBEL, Annelise**, 1906— *Späteres Schicksal atrophischer Säuglinge. 16p. 8°. Gött [n. pub.] 1934.
- GOEBEL, Erna**, 1892— *Ein Beitrag zur Xanthomatose des Kindesalters [Freiburg i. B.] 10p. 2 l. 8°. Danzig, C. Bäcker, 1926.
- GOEBEL, Eugen**, 1908— *Zur Diagnose der Hirntumoren [München] 47p. 8°. Günzburg, K. Mayer, 1932.
- GOEBEL, Felix**, 1902— *Endometriose in der Darmwand [München] 42p. 8°. Dillingen a. Donau, Schwäb., 1932.
- GOEBEL, Franz**, 1907— *Die intramuskuläre Injektion von Pernokton und Rektidon. 31p. 8°. Giessen, E. Seibert, 1935.
- GOEBEL, Fritz**, 1908— *Chinosol, seine Verwendung, insbesondere seine Wirkung als Pulpenschutzmittel und als Therapeutikum bei infizierten Extraktionswunden. 16p. 8°. Bresl., Breslauer Genossenschafts-Buchdr., 1932.
- GOEBEL, Fritz [Emil]** 1910— *Ueber einen Fall von Neurofibrom des linken Oberlides (Rankenneurom) in Verbindung mit einem Naevus. 19p. 8°. Tüb., Bölzle, 1937.
- GOEBEL, Georg [Franz]** 1909— *Ueber das Pseudomucinkystom des Ovariums (unter besonderer Berücksichtigung der in der Heidelberger Universitäts-Frauenklinik in den Jahren 1910–36 beobachteten Fälle) [Heidelberg] 18p. 8°. Würzb., K. Triltsch, 1938.
- GOEBEL, Hans**, 1911— *Die Schädel-form bei Chondrodystrophie. 19p. 8°. Greifsw., 1935.
- GOEBEL, Hansjakob**, 1909— *Schizophrenie Krankheitsbilder bei stationärer Paralyse. 30p. 8°. Bonn, H. Trapp, 1934.
- GOEBEL, Herbert**, 1907— *Resorptionsgeschwindigkeiten intravenös zugeführter Eisenverbindungen bei normalem und aktiviertem reticuloendotheliale System. 24p. 8°. Frankf. a. M., H. Münch, 1934.
- GOEBEL, Johannes**, 1911— *Ueber das weisse Blutbild und die Blutkörperchensenkungsreaktion bei der Grippe; Untersuchungen während der beiden Grippewellen von 1935–36 in Fürth-Bayern an Fällen, welche im städtischen Krankenhaus zur Beobachtung kamen. 29p. 8°. Erlangen, M. Krahl, 1937.
- GOEBEL, Julius**. Der Kampf um deutsche Kultur in Amerika; Aufsätze und Vorträge zur deutsch-amerikanischen Bewegung. vii, 147p. 8°. Lpz., Durr'sche Buchh., 1914.
- GOEBEL, Karl von**, 1855— Wilhelm Hofmeister; Arbeit und Leben eines Botanikers des 19. Jahrhunderts. 176p. portr. facsim. 8°. Lpz., Akad. Verlags. M. B. H., 1924.
— The same. Wilhelm Hofmeister; the work and life of a 19. century botanist; with a biographical supplement by Frau Ganzenmüller, born Hofmeister; transl. by H. M. Bower and ed. botanically by F. O. Bower. xi, 202p. portr. 2 facsim. 8°. Lond. [Adlard & Son] 1926.
- GOEBEL, Karl [Heinrich]** 1905— *Die Behandlung der Dupuytren'schen Fingerkontraktur. 20p. 22cm. Marb., H. Bauer, 1937.
- GOEBEL, Luise**, 1902— *Die Bedeutung expositioneller und dispositionsfördernder Faktoren in den Anamnesen tuberkulöser Kinder [Bonn] 60p. 8°. Nidda, L. Cloos, 1928.
- GOEBEL, Rolf**, 1912— *Verätzungen und Verbrennungen der Mundschleimhaut [München] 24p. 8°. Pfaffenhofen, Ilmgau Druck., 1936.

- GOEBEL, Walter [Richard Paul]** 1901–
*Vergleichende Untersuchungen der Erythrocytenresistenz des mütterlichen und kindlichen Blutes [Heidelberg] 25p. 8°. Heppenheim, G. Otto, 1927.
- GOEBEL, Wilhelm [Heinrich Johann]** 1896–
*Die Leistung des Zentrifugierens in bakteriologischer Beziehung [Frankfurt] 24p. 8°. Düren, Spez. Diss. Buchdr., 1936.
- GOEBEL, Willi**, 1903–
*Hyperglykaemie und Glycosurie bei Psoriasis vulgaris und einigen anderen Dermatosen. 18p. 8°. Gött. [n. pub.] 1931.
- GOEBELS, Rudolf**, 1907–
*Die Sesambeine im Röntgenbild unter besonderer Berücksichtigung ihrer Ein- und Mehrfachteilungen. 52p. 8°. Bonn, A. Brand, 1935.
- GOECKE, C.** Krankenfahrzeuge. p.46–61. pl. 8°. Berl., 1926.
In Orthop. Versorgung, Berl., 1926, 2. T.
- GOECKE, Friedrich**, 1911–
*Ueber die Aufhebung des Lentinstillstandes am Froschherzen durch Tyramin [Münster] 15p. 21cm. Bielefeld, Rennebohm & Hausknecht, 1936.
- GOECKE, Otto**, 1908–
*Sozial-hygienische Demographie des Kreises Warendorf mit besonderer Berücksichtigung der Gesundheitsfürsorge [Münster] 75p. 2 ch. 23½cm. Köln, W. May, 1936.
- GOECKEL, Josef**, 1908–
*Vergleich von mit salzfreier Diättherapie in der Lupusheilstätte Giessen und mit den bisher üblichen Behandlungsmethoden in der Hautklinik Tübingen behandelten Lupuskranken. 32p. 8°. Tüb. [n. pub.] 1934.
- GOECKELER, Ferdinand**, 1904–
*Die Resultate der Placenta praevia Therapie an der Kieler Universitäts-Frauenklinik in den Jahren von 1. 1. 1923–1. 5. 1928 [Kiel] 51p. 8°. [Libau, G. D. Meyer] 1929.
- GOECKER, Jacoba**, 1910–
*Somnambulismus und verwandte Bewusstseinsstörungen in ihrer gerichtsärztlichen Bedeutung an Hand eines Falles [Düsseldorf] 31p. 20½cm. Quakenbrück, R. Kleinert, 1935.
- GOEDDE, Edith Elisabeth**, 1914–
*Ueber die neuere Operationstechnik bei Kieferzysten. 24p. 8°. Würzb., R. Mayr, 1937.
- GOEDE, Herbert**, 1905–
*Beitrag zur Zwerchfellhernie mit Bericht eines beobachteten Falles von Hernia paraoesophagea vera [Jena] 43p. 8°. Rostock, C. Hinstorff, 1933.
- GOEDE, Martin**, 1907–
*Kohlehydratbelastung mit reinem Traubenzucker oder mit Weissbrot? 34p. tab. 8°. Greifsw., H. Adler, 1933.
- GOEDECKE, Arminius**, 1879–
*Ueber die Wirkung einiger Salze bei subkutaner und intravenöser Anwendung [Bern] 114p. 4 ch. 8°. Hannover, A. Eberlein & Co., 1907.
- GOEDECKE, H[ans] J[oa]chim Theodor Gustav** 1901–
*Gefahren und Therapie bei Uebertragung der Kinder [Freiburg i. B.] 22p. 8°. Kiel, Schmidt & Klaunig, 1927.
- GOEDECKE, Helmut**, 1915–, & **NAUHAUSER, Peter**. *Ueber die Schmerzempfindlichkeit der Druckpunkte [Heidelberg] 15p. 8°. Würzb., R. Mayr, 1938.
- GOEDEKE, Erich**, 1911–
*Vergleich der Wirkungsstärke der gefäßverengernden Zusätze zu lokalanaesthetischen Lösungen am Froschherzen bei äusserer und innerer Applikation. 48p. 8°. Weende, E. Pieper, 1935.
- GOEDEKE, Franz**, 1905–
*Ueber das Berufstigma der Mühlsteinschärfer (das sogenannte Müllerzeichen) [Göttingen] 20p. 8°. Lippstadt, Thiele, 1933.
- GOEDEKE, Jobst**, 1911–
*Feingewebliche Untersuchungen im Tierexperiment über die Frakturheilung bei Nebennierenschäden. 14p. 21cm. Weende, F. Pieper, 1937.
- GOEDEKEN, Emma**, 1909–
*Ueber die nach dem Behandlungsalter unterschiedlichen Kosten in der Behandlung von Klumpfüss und Hüftluxation [Berlin] 32p. 23cm. Charlottenb., K. & R. Hoffmann, 1937.
- GOEDEL, A.**
See Boerner-Patzelt, D., Gödel, A., & Standenath, F. Das Retikuloendothel [&c.] 124p. 8° Lpz., 1925.
- GOEDEL [Adolf Joachim] Rudolf**, 1899–
*Ueber die Beeinflussung chronischer Schultergelenkentzündungen durch den Abduktionsgipsverband [Berlin] 17p. 8°. Charlottenb., Gebr. Hoffmann, 1930.
- GOEDEL, Willy**, 1907–
*Ueber die Pharmakologie der Bernsteinsäure [Münster] 12p. 8°. Quakenbrück, R. Keinert, 1932.
- GOEDELMA, Joh. Georg**, 1559–1611. Tractatus de magis, veneficis et lamiis. 3v. in 1. sm. 4°. Frankfurt, Nie. Bassaeus, 1591.
- GOEDICKE, Artur**, 1911–
*Head'sche Zonen und Wehen [Breslau] 18p. ch. 21cm. Würzb., R. Mayr, 1938.
- GOEEZ, Yann**, 1907–
*Diagnostic de la spirochétose ictérohémmorragique en Afrique occidentale française. 92p. 8°. Par., N. Maloine, 1933.
- GOEGELEIN, Walter**, 1911–
*Korrosions-Untersuchungen an verschiedenen Amalgamen [Tübingen] 16p. 8°. Metzingen, G. Hauser [1935].
- GOEHNER, Willy**. *Les adamantinomes; leur traitement. 40p. 8°. Genève, Impr. Commerce, 1934.
- GOEHR, Alfred**, 1907–
*Zur Klinik der Aerodermatitis chronica atrophicans. 30p. 8°. Berl., R. Pfau, 1935.
- GOEHRING, Gerhard**, 1908–
*Beiträge zur Morphologie und Biologie des Gonokokkus. p.309–27. 8°. Würzb., C. J. Becker, 1933.
- GOELDNER, Edmund von**, 1901–
*Ein Beitrag zur Klinik und Behandlung der Amputationsneurome. 40p. 8°. Jena, G. Neuenhahn, 1935.
- GOELDNER, Herbert**, 1909–
*Tierexperimentelle Untersuchungen über die Immunitätsverhältnisse zwischen Herpes simplex und Vakzine. 39p. 8°. Bresl., Breslauer Genossenschafts-Buchdr., 1935.
- GOELKEL, Julius**, 1899–
*Subentane Leberruptur. 6p. 8°. Lpz., E. Lehmann, 1923.
- GOELLER, Richard**, 1911–
*Verlauf und Behandlung der Hämangiome und Lymphangiome des Gesichts. 24p. 21cm. Würzb., C. J. Becker, 1937.
- GOELLNER, Lajos**, 1898–
*Ueber Schmelzsprünge. 20p. 8°. Rostock, C. Hinstorff, 1927.
- GOELZ, Franz**, 1909–
*Uebersicht über die Entwicklung des labialen Dehnungsbogens. 31p. 8°. [Erlangen] Baehgau-Dr., 1935.
- GOELZ, Hans**, 1908–
*Histologische Studien über die sogenannten Interlobularräume und Tomes'sche Körnerschicht [Würzburg] 21p. 8°. Ochsenfurt, Fritz & Rappert, 1935.
- GOELZ, Helmut**, 1911–
*Der Fettgehalt der Frauenmilch, seine Veränderung im Laufe der Laktationsperiode und seine Abhängigkeit von Alter, Stillfähigkeit, Menarche

und Wochenbettverlauf. 24p. 8°. Tüb., A. Becht, 1938.

GOELZ, Immanuel, 1902— *Untersuchungen über die bakteriologische Diagnose der Diphtherie mit Hilfe des Tellur-Ascites-Agars nach Clauberg. 23p. 8°. Tüb., E. Göbel, 1930.

GOELZ, John R. *Felly's syndrome, and associated diseases; with a case report including pathological findings. [S. Louis Univ. Group of Hosp.] 33p. 28cm. [S. Louis] 1940.
Typewritten.

GOELZ, Wilhelm, 1910— *Ueber atavistische Erscheinungen im Gebisse des Menschen und die Theorien darüber [München] 30p. 8°. Würzb., R. Mayr, 1934.

GOEPEL, Helmut, 1909— *Takata Areaktion, Weltmann'sches Hitze-Koagulationsband und Thrombin nach Leberexstirpation und mechanischer Leberschädigung [Leipzig] 23p. 8°. Zeulenroda, A. Oberreuter, 1934.

GOEPEL, Karl Heinrich, 1911— *Lenden-Kreuzbein-Übergangswirbel und Rückenschmerzen. 20p. 23½cm. Kiel, A. C. Ehlers, 1937.

GOEPEL, Kurt Rudolf, 1911— *Versuche zum Nachweis des gruppenspezifischen Faktors M in der Muttermilch und in Milchflecken mit vergleichenden Untersuchungen der Substanzen A und B in Milch und Milchflecken [Breslau] 21p. 8°. Ohlau, H. Eschenhagen, 1935.

GOEPEL, Robert, 1910— *Der Wert des intravenösen Pyelogramms zum Nachweis und zur Lokalisation von Harnkonkrementen unter besonderer Berücksichtigung des Zustandes der abführenden Harnwege [Leipzig] 23p. 8°. Zeulenroda, A. Oberreuter, 1935.

GOEPPERT, Franz, 1906— *Weitere Versuche darüber, ob es individuelle Bewegungsbahnen des menschlichen Unterkiefers gibt und ob diese auch bei zahnllosen Individuen zu verschiedenen Zeiten immer dieselben sind [Würzburg] 16p. 8°. [Berl., 1931]

GOEPPERT, Hans, 1912— *Die Beeinflussung des ärztlichen Handelns durch die Entwicklung der Naturwissenschaften seit Entdeckung der Elektrizität mit besonderer Berücksichtigung der physikalischen Therapie. 36p. 21cm. Münch., G. Lindner, 1938.

GOEPPERT, Kurt, 1912— *Diabetes mellitus und Nierenerkrankungen. 18p. 8°. Würzb., R. Mayr, 1937.

GOEPPERT, Theo, 1907— *Die Behandlung der Eklampsien an der Universitäts-Frauenklinik Würzburg (1919-32) [Würzburg] 45p. 8°. Bottrop, W. Postberg, 1934.

GOEPP, Rudolph Max, 1866— State board questions and answers. 2. ed., thoroughly rev. p. l. 715p.; 16p. 25cm. Phila., W. B. Saunders Co., 1912. Also 6. ed. 754p. 1929.

— Nurses' State Board questions and answers. p. l. 373p. 8°. Phila., W. B. Saunders Co., 1926. Also 2. ed. p. l. 541p. 1929.

— Dental state board questions and answers. 4. ed., rev. p. l. 463p. 8°. Phila., W. B. Saunders Co., 1928.

— Medical state board questions and answers. 7. ed. 644p. 8°. Phila., W. B. Saunders, 1938.

GOEPEL, Max, 1910— *Ueber die Vererbung der Prognathie (Angle II) 34p. 8°. Münch., Bayer. Dr., 1934.

GOEPPERT, Ernst, 1866—
See *Handbuch der vergleichenden Anatomie der Wirbeltiere*, 6v. roy. 8°. Berl., 1931-37.
For Festschrift see also *Morph. Jahrb.*, 1931, 66: 67; T. 1-2, portr.

GOEPPERT, Friedrich, 1870-1927.

Blühdorn. Nekrolog. Med. Klin., Berl., 1927, 23: 383.—
Müller, E. Nekrolog. Arch. Kinderh., 1927, 81: 80.—
Rietschel. Nekrolog. Klin. Wschr., 1927, 6: 575.

GOERANDER, Einar, 1887-1926.

Ekvall, Y. [Obituary] *Sven. läk. tidn.*, 1926, 23: 929-31.

GOERDT, Ludwig, 1896— *Ein neuer Fall von Klivuschordom [Münster] 17p. 8°. Quakenbrück, R. Kleinert, 1928.

GOERE, Yves, 1908— *Contribution à l'étude des entérococcémies. 122p. 8°. Par., Le François, 1933.

GOEREE, Willem, 1635-1711. Natuurlyk en schilderkonstig ontwerp der menschkunde. 2 uidg. [8p.] 431p. [11p.] illust. 8°. Amsterdam, A. van Damme, 1704.

GOERG, Peter, 1907— *Ueber Dehissenzen des knöchernen Fazialiskanals. 15p. 8°. Würzb., Gebr. Memminger, 1933.

GOERICK, Karl Ernst, 1903— *Paralytischer und mechanischer Darmverschluss durch den Processus vermiformis. 12p. 2 l. 8°. Kiel, H. Lüdtke, 1933.

GOERICKE, Alfred, 1906— *Ueber Arterio- und Arteriolosklerose in den grossen Mundspeicheldrüsen. 44p. 8°. Erlangen, Bayer, 1931.

GOERING, Karl, 1905— *Die Verletzungen der Harnorgane in Therapie und Folgen [Greifswald] 31p. 8°. Hamm, Breer & Thiemann, 1935.

GOERING [Ludwig] Reinhard, 1887— *Ueber einen Fall von Aneurysma spurium. 16p. pl. 8°. Lpz. [n. pub.] 1926.

GOERING, M[atthew] H[einrich] 1879— Deutsche Seelenheilkunde; zehn Aufsätze zu den seelenärztlichen Aufgaben unserer Zeit. 2 l. 118p. 8°. Lpz., S. Hirzel, 1934.

— Ueber seelisch bedingte echte Organerkrankungen. 82p. 8°. Stuttg., Hippokrates-Verlag [1937]

See also *Jung, C. G., Curtius, O., & Meier, C. A.* Prof. Dr M. H. Göring zum 60. Geburtstag. Zbl. Psychother., 1939, 11: 193, portr.

GOERITZ, Hans Georg, 1909— *Ueber Netztorsionen [Kiel] 19p. 8°. Gütersloh, Thiele, 1934.

GOERITZ, Karl [Georg Adolf] 1897— *Die Synergie von Akkommodation und Pupillenreaktion. 15p. 8°. Königsb., J. Raabe, 1929.

GOERKE, Max. Die hereditären Erkrankungen des Cochlearis und seines Endapparates. p. 950-73. 8°. Berl., 1936.

Handb. Neur. (Bumke & Foerster) Berl., 1936, 16:

GOERL, Heinrich, 1908— *Vitiligo und Ekzem, beziehungsweise Lichen Vidal [Erlangen] 28p. pl. 8°. Oberviechtach (Opf.) I. Forstner, 1934.

GOERLACH, Karl, 1906— *Fünf Jahre Invalidenversicherung im Landkreis Greifswald 1928-32. 48p. 8°. Greifsw., H. Adler, 1935.

GOERLACH, Rudolf. Fuss und Schuhwerk auf Grund einer räumlichen Masstechnik. 31p. pl. 8°. Berl., R. Hobbing, 1930.

Forms Heft 16, Arbeit & Gesundh. (O. Martinek)

See also *Jotzkowitz, Paul, Möslin, Rudolf, & Görlach, R.* Ergebnisse der orthopädischen Versorgung [&c.] 54p. 8°. Berl., 1931.

GOERLICH, Kurt [Eugen] 1891— *Beitrag zur Kasuistik der aktinomykotischen Infektion des Oberkiefers auf odontogenem Wege. 19p. 8°. Tüb. [n. pub.] 1927.

GOERLICH, Otfried, 1912— *Ueber retroperitoneale mesenchymale Mischgeschwülste [Tübingen] 35p. 21cm. Krumbach, G. Müller, 1937.

GOERLING, Erika Frida, 1911— *Die Bedeutung des Röntgenbildes in der Zahnheilkunde [Leipzig] 22p. 8°. Zeulenroda, A. Oberreuter, 1934.

GOERLITZ, Ruth, 1909— *Ueber die blutbildende Wirkung von Eisen und Eisen-Kupferkombination bei sekundären Anämien. 16p. tab. 8°. Bonn, L. Neundorff, 1933.

GOERLITZ, Walter. Hüter des Lebens; ärztliches Wirken in antiker Kultur. 175p. illust. pl. 8°. Hamb., Sieben Stäbe Verl. [1935] — Wächter der Gläubigen; der arabische Lebenskreis und seine Ärzte. 153p. pl. 8°. Hamb., Sieben Stäbe Verl. [1936]

GOERNER, Albin, 1900— *Spätruptur der Sehne des Musculus extensor pollicis longus. 25p. 2 l. 8°. Borna, R. Noske, 1926.

GOERNER, Ilse, 1908— *Elektrokardiographische Nachuntersuchungen bei Kindern, die früher an schwerer Diphtherie mit Herzstörungen erkrankt waren [Frankfurt] 20p. 8°. Gütersloh, Thiele [1934]

GOERS, Werner, 1907— *Ein Versuch, durch Messungen am Patienten die Form des Unterkiefers graphisch darzustellen. 22p. 8°. Greifsw., H. Adler, 1933.

GOERTTLER, Rudolf [Hans Andreas Günter] 1910— *Zur Kenntnis der Myelose beziehungsweise der Myositis chronica eosinophila bei unseren Haustieren. 20p. 8°. Engelsdorf-Lpz., C. & E. Vogel, 1934.

GOERTTLER, Viktor.
See Francke, Georg, & Goerttler, Viktor. Allgemeine Epidemiologie der Tierseuchen [etc.] 278p. 8°. Stuttg., 1930.

GOERTZ, Bruno [Gottfried] 1904— *Ueber die Anästhesierung sensiblen Dentins mittels Targetin, einer komplexen, kolloidalen Tannin-Silber-Eiweiss-Verbindung [Kiel] 31p. 8°. [Libau, G. D. Meyer] 1931.

GOERTZ, Karl, 1899— *Ueber die entzündliche Kieferklemme und ihre Behandlung. 41b. 8°. Berl., E. Ebering, 1926.

GOESSLER, Peter, 1872— Der Urmensch in Mitteleuropa. 40 l. 40 pl. fol. Stuttg., Frankh's Verlag., 1924.

GOETEBORG, Sweden. Hälsovårdsnämnd. Aarsberättelse. Göteborg, 1910—

GOETEBORG, Sweden. Stads statistiska byrå. Statistisk årsbok. Göteborg, 1925— — Bostadsrökningen samt bostadsundersökningen. Göteborg, 1930-31.

GOETERS [Karl] Walter [Hermann] 1899— *Die Beteiligung des Wurmfortsatzes bei Allgemeininfektionen. p.886-911. 8°. Lpz. [n. pub.] 1934.

Also Virchows Arch., 1933, 291:

GOETHE, Johann Wolfgang, 1749-1832.

HUSEMANN, F. Goethe und die Heilkunst; Betrachtungen zur Krise in der Medizin. 176p. 8°. Dresd. [1936]

Koch, R. Der Zauber der Heilquellen; eine Studie über Goethe als Badegast. 74p. 8°. Stuttg., 1933.

LORENZ, F. *Goethes Leben; eine Krankengeschichte. 40p. 21cm. Jena, 1938.

MAURER, F. Die Sprache Goethes im Rahmen seiner menschlichen und künstlerischen Entwicklung. 32p. 8°. Erlangen, 1932.

Abel, O. Goethe und die Biologie. Biol. gen., Wien, 1932-33, 9: 1-24, portr.—**Birnbaum, M.** Aus Goethes Krankheitstagen. Fortsch. Med., 1932, 50: 209-12.—**Bluntschli, H.** Goethe als Begründer der Morphologie. Schweiz. med. Wschr., 1933, 63: 2-9.—**Böker, H.** Goethe und die Anatomie. Münch. med. Wschr., 1932, 79: 457-61, portr.—**Brown, M. W.** Medicine and Goethe. Med. J. & Rec., 1932, 135: 349.—**Chance, B.** Goethe and his theory of colors. Ann. M. Hist., 1933, n. ser., 5: 360-75.—**Classens, H.** Goethe vu par David d'Angers. Aesculape, Par., 1937, 27: 194.—**Dieppen, P.** Goethe und

Medizin. Klin. Wschr., 1932, 11: 1611.—**Dumas**. A propos du centenaire de la mort de Goethe. Bull. Acad. méd., Par., 1932, 3. ser., 107: 961-6.—**Fairley, B.** Goethe's attitude to science. Bull. John Rylands Libr., 1936, 20: 297-311.—**Fleckseder, R.** Von Goethes Kranksein und Sterben. Wien. klin. Wschr., 1932, 45: 368-71.—**Freud, S.** Goethe und die Psychoanalyse. Deut. Aerzte Ztg., 1930, 5: No. 228.—**Gäz-fried, E.** Goethes Proktophantastik. Med. Welt, 1936, 10: 251-3.—**Helmholtz, H. von**. Goethes Vorahnungen kommender naturwissenschaftlicher Ideen. Naturwissenschaften, 1932, 20: 213-23.—**Hochstetter**. Goethe und die Versammlungen der Deutschen Naturforscher und Aerzte. Deut. med. Wschr., 1934, 60: 1395-8.— — Goethes letzte Krankheit. Ibid., 1936, 62: 700-2.—**Kaulbersz, J.** [Goethe und medicine] Polska gaz. lek., 1933, 12: 227; 250.—**Kirste, H.** Die Familie Goethes im Lichte der Vererbung. Med. Welt, 1936, 10: 1712; 1752.—**Kunow, A. D. von**. Goethes Charakter nach seiner Handschrift. Zschr. Menschenk., 1926-27, 2: H. 4, 1-15.—**Le Gendre, P.** Goethe et les sciences médicales; ses opinions en médecine et ses maladies. Bull. Soc. fr. hist. méd., 1932, 26: 249.—**Liebert, A.** Goethe und die Natur. Deut. med. Wschr., 1932, 58: 437-9.—**Lockemann, G.** Des jungen Goethe Beziehungen zur Heilkunde. Fortsch. Med., 1932, 50: 210-3.—**Maria Estapé, J.** Introducción a un estudio sobre la psicopatología de Goethe; la vida amorosa de Goethe. Rev. méd. lat. amer., B. Air., 1933, 12: 474-84.—**Matthaei, R.** Goethes Spektren und sein Farbenkreis. Erg. Physiol., 1932, 34: 191-219, pl.—**Mayerhofer, E.** Goethe. Naturwissenschaft und Medizin. Wien. med. Wschr., 1932, 82: 295-301.—**Menninger-Lerchenhal, E.** Eine Halluzination Goethes. Zschr. ges. Neur. Psychiat., 1932, 140: 486.—**Michaelis, E.** Goethe und C. G. Carus. Med. Welt, 1932, 6: 397-9.—**Palmieri, V. M.** Goethe naturalista. Riforma med., 1932, 48: 493.—**Petit, G.** Goethe savant et anatomiste. Chron. méd., 1932, 39: 59.—**Püdymais, O.** [Goethe as naturalist and his knowledge of medicine] Medicina, Kaunas, 1932, 13: 169-73.—**Reichel, H.** Familien- und Erbforschung am Beispiele von Goethes Blutsverwandtschaft. Wien. med. Wschr., 1925, 75: 2384; 2757.—**Rogers, J. F.** The physical Goethe. Sc. Am. Month., 1934, 38: 261-3.—**Rogge, C.** Goethe und die Wissenschaft vom sprechenden Menschen. Zschr. Menschenk., 1932-33, 8: 253-8.—**Ruska, J.** Nachlese zum Briefwechsel Goethe; Nees von Eisenbeck. Sudhoffs Arch., 1935-36, 28: 365-80.—**Schachter, M.** Goethe devant ses médecins (à propos du centenaire de sa mort) Progr. méd., Par., 1932, 689-93.—**Spiro, K.** Goethe und die Biologie. Schweiz. med. Wschr., 1932, 62: 273-80.—**Sudhoff, K.** Paracelsus und Goethe. Med. Welt, 1932, 6: 1409.—**Troll, W.** Goethes botanische Studien. Münch. med. Wschr., 1932, 79: 461-6.—**Tschermak-Seysenegg, A.** Goethes Bedeutung für die physiologische Optik. Ber. Deut. ophth. Ges., 1932, 49: 3-17.

— & **OKEN, Lorenz**. Die Wirbelmetamorphose des Schädels; mit einer Einleitung, herausg. von H. Wohlbold. 83p. sm. 4°. Münch., Pfleger, 1924.

GOETHLIN, Gustaf Frederik, 1874— Die Bewegungen und die physiologischen Konsequenzen der Bewegungen eines zentralen optischen Nachbildes in dunklem Blickfeld bei postrotatorischer und kalorischer Reizung des Vestibularapparates. 68p. 3 pl. 4°. Upps., Almqvist & Wiksells, 1927.

— Antiscorbutic potency of vegetable products. 120p. 51 pl. 8°. Stockh., P. A. Norstedt & Söner, 1933.

Forms Suppl. 53, Acta med. scand.

For Festschrift see Upsala läk. fören. förh., 1939, 45: No. 1-4, portr.

GOETSCHKE [Harro] Günther, 1908—

*Ein Beitrag zur Pathologie und Therapie der Progenie. 29p. pl. 8°. Borna, R. Noske, 1933.

GOETT, Theodor, 1880-1934.

Becker. Nekrolog. Kinderärztl. Prax., 1934, 5: 191.—**Pfaundler, M.** Nekrolog. Münch. med. Wschr., 1934, 81: 474, portr.

GOETTE, Franz, 1910— *Die medizinischen Vorlesungen an den deutschen Universitäten in der zweiten Hälfte des 19. Jahrhunderts. 23p. 9 ch. 23cm. Berl., R. Pfau, 1936.

GOETTE, Fritz, 1909— *Beobachtungen an Zahnpulpen bei Parodontose. 24p. 23cm. Berl., R. Pfau, 1938.

GOETTE, Jos[eph] A[ugust] 1912— *Das corticotrope Hormon und seine Beziehungen zur Nebenniere; Ausarbeitung einer biologischen Testmethode für das corticotrope Hormon. 19p. 8°. Rostock, G. Neumann, 1935.

GOETTE, K. Beitrag zur Atrophie des menschlichen Hodens. 28p. 8°. Jena, G. Fischer, 1921.

Forms II. 9, v.2, Veröff. Kriegs Konstpath.

GOETTE, Paul, 1907— *Luftbefeuchtung in geschlossenen Räumen [Münster] 23p. 8°. Quakenbrück, R. Kleinert, 1934.

GOETTIG, Ingeborg, 1908— *Ueber die Avertinnarkose [Breslau] 43p. 8°. Liebau, H. Hiltmann, 1935.

GOETTING, Erich [Albert Heinrich] 1905— *Beitrag zur Kenntnis des Haemangioms der Orbita. 35p. 2 pl. 8°. Giessen, 1932.

GOETTINGEN, Johann von, 1280–1349.
Wenck, K. Johann von Göttingen Arzt, Bischof und Politiker zur Zeit Kaiser Ludwigs des Bayern. Arch. Gesch. Med., 1925, 17: 141–56.

GOETTINGEN. Universität.

Brednow, W. Die ersten mediziner der Göttinger Universität. Umschau, 1937, 41: 586–9. — Die Entwicklung medizinisch-naturwissenschaftlichen Denkens an der Göttinger Universität in den ersten 120 Jahren ihres Bestehens. Med. Welt, 1937, 11: 881–92. — Centenary of the University of Göttingen. Nature, Lond., 1937, 139: 701–3. — **Gruber, G. B.** Göttingens medizinische Schule in heutiger Zeit. Zschr. ärztl. Fortbild., 1937, 34: 357–9. — **Voit, M.** Göttingens Beiträge zur Entwicklung der Anatomie und Physiologie. Münch. med. Wschr., 1937, 84: 1001–3. — Markante Persönlichkeiten aus der Göttinger Universitätsgeschichte. Zschr. ärztl. Fortbild., 1937, 34: 353–6.

GOETTINGEN. Universitäts-Frauenklinik. [History] (Martins, H.) 1751–1931.

GOETTKE, Leonhard, 1903— *Ueber das Traumen bei Epileptikern. p.137–63. 8°. Rostock, C. Hinstorff, 1933.

Also Arch. Psychiat., Berl., 1933–34, 101:

GOETTMANN, Heinz, 1905— *Diathermiebehandlung bei gynäkologischen Erkrankungen [Rostock] 24p. 8°. Birkenau, L. Bitsch [1934]

GOETTSCHE, Elisabeth [Dorothea] 1897— *Die operative Behandlung des Trachoms an der Universitäts-Augenklinik Marburg vom 1. April 1923 bis 1. Oktober 1924 [Marburg] 31p. map. 8°. [Hamb., H. Kampen] 1926.

GOETZ, Adolf. *Beiträge zur Klinik der Ulcuskrankheit (Auszug) [München] 7p. 8°. Bautzen, E. M. Monse, 1926.

GOETZ, Artur, 1910— *Der Begriff des Siechtums nach Verletzungen der Kiefer und Zähne. 15p. 20½cm. Heidelb., H. Fahrer, 1936.

GOETZ, Carl Wilhelm, 1905— *Beiträge zur Pharmakologie der Arnica montana L. 28p. 8°. Würzb., R. Mayr, 1933.

GOETZ, Egon, 1898— *Totgeburten und ihre Ursachen (Statistik 1924, 1925, 1926 der Universitätsfrauenklinik München) 18p. 8°. Münch., Kastner & Callwey, 1927.

GOETZ, Friedrich Wilhelm Paul. Das Strahlungsklima von Arosa. vii, 100p. illust. 8°. Berl., J. Springer, 1926.

GOETZ, Hans, 1898— *Untersuchungen über den Aschengehalt im wachsenden Organismus. 20p. 8°. Münch. [L. Schnitzler & Co.] 1926.

GOETZ, Hans, 1909— *Dauerresultate der Lebertherapie bei perniziöser Anämie. 16p. 8°. Würzb., K. Triltsch, 1934.

GOETZ, Hans, 1913— *Vitamin C und Diabetes mellitus [München] 18p. 22cm. Würzb., R. Mayr, 1937.

GOETZ, Heinrich, 1908— *Ueber die Fistula sacro-coccygea an Hand des Materials des pathologischen Instituts Heidelberg. 18p. 8°. Heidelb., F. Schulze, 1934.

GOETZ, Herbert, 1909— *Veränderungen des Zwischenwirbelraums im Röntgenbild [Berlin] 29p. 8°. Dortmund, O. Rühmkorf, 1937.

GOETZ, Hermann, 1902— *Zur Differentialdiagnose der dauernden traumatischen Hirnschädigung [Würzburg] 18p. 8°. Lpz., F. C. W. Vogel, 1927.

Also Mschr. Unfallh., 1927.

GOETZ, Irmgard, 1912— *Ueber die Entstehung der Gesichtsskoliose beim Schiefhals [München] 16p. 21cm. Speyer, Pilger, 1938.

GOETZ, Johann Richard, 1905— *Der Aderlass in der Therapie des varicösen Symptomenkomplexes. 32p. 23cm. Berl., R. Pfau, 1937.

GOETZ, Josef, 1911— *Die klinischen Erscheinungen bei Entwicklungsstörungen der Zunge. 43p. 8°. Münch., Buchdr. Hohenhaus, 1935.

GOETZ, Karl, 1901— *Ueber Darminvagination in der Ileocecalgegend, mit besonderer Berücksichtigung von 10 Fällen aus dem städtischen Krankenhaus Landsberg a. W. in der Zeit von 1914–26. 34p. 8°. Gött. [n. pub.] 1927.

GOETZ, Otto, 1890— *Zur Casuistik der Encephalitis cerebelli [Tübingen] 13p. 8°. Lpz., F. C. W. Vogel, 1915.

GOETZ, Raimund, 1907— *Reflektorische Pulpenschmerzen bei Kiefererkrankungen und Allgemeinleiden, nebst ihrer Therapie. 19p. 8°. Münch., J. Jüngling, 1931.

GOETZ, Rudolf, 1904— *Das Verhalten des Blutzuckers bei Diathermiebehandlung. 15p. 8°. Freib. i. B. [n. pub., 1931]

GOETZE, August, 1901— *Untersuchungen über die Wirkung des Katadyn-Silbers auf Bakterien der Mundhöhle [Rostock] 28p. 8°. Flensburg, J. W. Rossi, 1932.

GOETZE, Eduard [Otto] 1879— Die moderne Ehe. 136p. 12°. Locarno, Verbano, 1938.

GOETZE [Günther Franz] Wolfgang, 1912— *Schwangerschaftsverlauf von aus medizinischen Gründen auf Unterbrechung oberbegutachteten Schwangeren, bei denen die Unterbrechung abgelehnt wurde. 48p. 21cm. Berl., A. Zeh, 1937.

GOETZE, Hellmuth, 1908— *Ein seltener Fall von Appendix-Karzinoid. 16p. 8°. Erlangen, Müller, 1934.

GOETZE, Joachim [Christian] 1910— *Zur Kenntnis des multiplen Myeloms [Rostock] 18p. 21cm. Wismar, Eberhardt, 1937.

GOETZE, Richard, 1890— Dammrissnaht, Vulva- und Scheidenvorhofplastik bei Stuten und Kühen. 23p. illust. 22cm. Hannover, M. & H. Schaper [1938]

— Neuzeitliche Embryotomie bei Pferd und Rind. 92p. illust. 24½cm. Hannover, M. & H. Schaper, 1938.

GOETZE, Sigrid, 1909— *Untersuchungen zur Frage der Immunität bei Keuchhusten. p.551–66. 8°. Haile, 1933.

Also Zschr. Kinderh., 1933, 55:

GOETZEL, Leopold, 1907— *Zur Behandlung des Ulkus gastroduodenale mit Histidin [Heidelberg] 20p. 8°. Bruchsal, J. Kruse & Söhne, 1935.

GOETZENDOERFER, Adolf, 1911— *Das Lymphogranuloma inguinale, die Hauptursache der entzündlichen Rektumstrikturen. 37p. 22cm. Würzb., R. Mayr, 1938.

GOETZL, Max, 1908— *Ueber benigne Polypen der Tube. 19p. 8°. Münch., C. Wolf & Sohn, 1935.

GOEUROT, Jean. Regime contre la peste. p.61-67. 12° Troyes, J. LeGog, ca 1530.

In his Sommaire de toute médecine [&c] Lyon, ca 1530.

— The same. p.67v-75r. 12° Lyon, C. Veycellier [ca 1530]

In his Sommaire de toute médecine [&c] Lyon [ca 1530]

— Sommaire de toute médecine et cyrurgie. 67 l. 12° Troyes, Jean LeCog, ca 1530.

— The same. L'entretènement de vie. 80 l. 12° Lyon, Claude Veycellier [ca 1530]

GOEZE, W. Die Invalidenversicherung im Rahmen der deutschen Sozialversicherung [und] Nachtrag. 2 pts 80p.; 12p. 8° Berl., Beamtenpresse, 1937-38.

GOEZIA.

See also *Nematoda*.

Denecke, K. Nematodenlarven der Gattung Goezia als Ursache eines Aalsterbens. Zschr. Parasitenk., 1934-35, 7: 702-8.—**Hsü, H. F.** Remarks on some morphological characters of parasitic nematodes of man and dog together with description of a new Goezia species from Yangtze beaked sturgeon. China M. J., 1933, 47: 1289-97, pl.

GOFFE, James Riddle, 1851-1931.

Coe, H. C. [Biography] Tr. Am. Gyn. Soc., 1933, 57: 343-45, portr.

GOFFIN, Arnold, 1863-1934.

Vanzype, G. Biography. In Annuaire Acad. belge, 1938, 104: 69-84, portr.

GOFMEKLER, A. B.

Editor of *Jurnal porannemn detskomu vozrastu*. Moskva, v.8-12, 1928-32.

GOGARTY, Oliver St John, 1878- Tumbling in the hay; a novel. 5 p. l. 329p. 21½cm. N. Y., Reynal & Hitchcock [1929]

GÖGER, Rudolf, 1909- *Das Ulcus pepticum jejuni und seine chirurgische Behandlung. 48p. 23cm. Berl., H. Michel, 1936.

GOGGIA, Carlo Paolo. Formulario ragionato di clinica medica terapeutica. 4. ed. xix, 693p. 18° Nap., V. Idelson, 1919.

— La bioplastina Sero en las formas seniles. 12p. 8° Santiago, Impr. Siglo XX, 1930.

— Manuale di patologia speciale medica e terapia (medicina interna) ad uso delle università e dei medici pratici. v.1. xv, 1042p. 110 illust. 12° Nap., V. Idelson, 1931.

GOGGINS, John Robert 1901- *The care of premature infants in a general hospital. 16p. 8° [Marquette] 1932.

Typewritten.

GOGGLE.

See *Eyeglass*, protective.

GOGH, Vincent van, 1853-90.

Koopman, J. [Biography] Geneesk. gids, 1930, 8: 985-97.—**Leroy, E.** Le séjour de Vincent van Gogh à l'asile de Saint-Rémy-de-Provence. Aesculape, Par., 1926, n. ser., 16: 137; 154; 180.—**Riese, W.** Vincent van Gogh in der Krankheit ein Beitrag zum Problem der Beziehung zwischen Kunstwerk und Krankheit. Grenzfr. Nervenheh., 1926, H. 125, 1-38.

GOGNY, Pierre, 1912- *Action sur le sang des amines biologiques et d'autres substances azotées produites par fermentations bactériennes. 71p. 8° Par., E. Le François, 1936.

GOGOL, Nikolai Vassilievich, 1809-52.

Gesemann, G. Grundlagen einer Charakterologie Gogols. Jahrb. Charakt., 1924, 1: 49-88. 2 portr.

GOGOLKA, Karl Heinrich, 1901- *Ueber den Einfluss des Spinates auf den Betriebsstoffwechsel. 14p. 23cm. Berl., F. Linke, 1938.

GOGUE, Paul, 1911- *Contribution à l'étude de la réduction sanglante des luxations rétro-lunaires du carpe par voie dorsale. 56p. 8° Par., E. Le François, 1936.

GOGUEL, Henry, 1897- *La capacité vitale des tuberculeux spécialement au cours du

traitement par le pneumothorax artificiel, unilatéral et bilatéral. 71p. 8° Par., A. Legrand, 1926.

GOHLISCH, Hans Joachim, 1908-

*Ueber die Todesursache der totgeborenen und frühverstorbenen Kinder in der Provinzial-Hebammen-Lehranstalt Breslau in den Jahren 1930 bis 1935. 32p. 22½cm. Bresl., R. Nischkowsky, 1937.

GOHLISCH, Ingeborg, 1909- *Mensueller Zyklus und Lipoidgehalt der Uterusschleimhaut [Breslau] 8p. 8° Berl., S. Karger, 1933.

Also Mschr. Geburtsh. Gyn., 1933, 94:

GOHLKE, Günther, 1912- *Ueber die bei der menschlichen Fortbewegung den Boden berührenden Lehtstellen der Fusssohle. 17p. 8° Bresl., E. Jakubik, 1938.

GOHLKE, Heinz, 1911- *Beobachtungen über den Blutzuckerspiegel bei Operationen und Knochenbrüchen. 19p. 8° Halle, E. Renner, 1936.

GOHMANN, Paul, 1909- *Lungenabszesse [Kiel] 47p. 8° Würzb., K. Triltsch, 1936.

GOHRBANDT, Erwin. Chirurgische Fragen der Kinderheilkunde in der Praxis. 61p. roy. 8° Stuttgart, F. Enke, 1936.

Forms Beih. 8, Arch. Kinderh., 1936.

GOICO, Félix M., 1904- *Les techniques de la colectomie pour cancer. 184p. 8° Par., Libr. L. Arnette, 1932.

GOIDIN, Emile, 1907- *Extrapéritonisation primitive de la vessie (procédé de Voelcker) et extrapéritonisation secondaire de la vessie (procédé de Papin) 45p. 5 pl. 8° Par., G. Doin & cie, 1933.

GOIFFON, René. Manuel de coprologie clinique. 2. éd. rev. x, 260p. 2 pl. 8° Par., Masson & cie, 1925.

— Les colibacilloses en pratique médicale. 127p. 8° Par., Masson & cie, 1931.

— Exploration clinique de l'équilibre acide-base par l'analyse d'urine. 3 p. l. 101p. 8° Par., Masson & cie, 1932.

See also *Parturier*, Gaston, *Goiffon, R.*, & *Raulot-Lapointe, G.* Contribution du laboratoire au diagnostic des maladies du foie. 155p. 8° Par., 1932.

GOITER.

See also *Neck*, Tumor; *Thyroid*, Deficiency; *Thyroid*, Disease; *Thyroid*, Tumor. For the so-called exophthalmic goiter see *Thyrotoxicosis*.

BIRCHER, E. Das Kropfproblem. 143p. 8° Lpz., 1937.

DANIELOPOLU, D., STOICHTITZA [et al.] Les thyroïdies endémiques et sporadiques. 142p. 24cm. Par. [1937]

DAUTREBANDE, L., & LEMORT, A. Physiopathologie de la thyroïde; diagnostic et traitement de goitres. 326p. 8° Par., 1931.

Arneill, J. R. Some general observations on goiter. Ann. Clin. M., 1926-27, 5: 136-46.—**Ash, W. M.** Goitre. J. State M., Lond., 1926, 34: 627-40.—**Batchelor, J. S.** Goitre. Guy's Hosp. Gaz., Lond., 1930, 44: 419-30.—**Breitner, B.** Kropf. Klin. Fortbild., 1935, 3: 1-25, pl.—**Castillo Odena, I., & Alvarado, C. A.** Bocio. Bol. san., B. Air., 1939, 3: 227.—**Coton, P.** Le goitre. Liège méd., 1934, 27: 593-616.—**Crile, G., & Crile, G., jr.** Goiter. In Cyclop. Med. (Piersol-Bortz) Phila., 1940, 15: 93-101.—**Crump, W. G.** A general discussion of goiter. In Fifth Ave. Hosp. Clin., N. Y., 1927, 225-9.—**Davis, J. W.** Goiter. South. M. & S., 1929, 91: 152; 1938, 100: 322.—**Erickson, H. A.** Goiter. J. Philippine Islands M. Ass., 1938, 18: 67-70.—**Ewald, Kropfe.** Wien. med. Wschr., 1925, 75: 2074.—**Finton, W. L., & Shaeffer, A. M.** A goitre resumé. J. Michigan M. Soc., 1926, 25: 338-41.—**Frack, I.** Chronic goitre. S. Afr. M. J., 1932, 6: 724-32.—**Hagerty, J. F.** Consideration of goiter. J. M. Soc. N. Jersey, 1935, 32: 347-54.—**Haines, W. D.** An address on goiter. J. Med., Cincin., 1928-29, 9: 260-5.—**Henry, C. E.** Goiter. U. S. Nav. M. Bull., 1927, 25: 837-44.—**Hercus, C. E.** Goitre. Med. J. Australia,

1927, 1: 427-30.—**Jackson, A. S.** The etiology, diagnosis and treatment of goiter. *J. Missouri M. Ass.*, 1933, 30: 389-93.—**Killins, W. A.** Goiter. *Med. Clin. N. America*, 1928, 12: 463-71.—**Kocher, A.** Kropf. In *Spec. Path. Ther. inn. Krankh.* (F. Kraus & T. Bruysch) Berl., 1919, 1: 883-1008, 8 pl.—**Luginbuhl, C. B.** Goiter. *J. Iowa M. Soc.*, 1931, 21: 329-32. Also repr.—**McLaughlin, P. B.** Goiter. *Nebraska M. J.*, 1926, 11: 260-2.—**Milligan, E.** Goitre. *J. R. San. Inst., Lond.*, 1925-26, 46: 575-80.—**Moore, J. C.** Goiter. *Northwest M.*, 1927, 26: 194-9.—**Munroe, J. P.** Goitre. *South. M. & S.*, 1936, 98: 579-81.—**Newman, C. S.** Goiter. *J. Kansas M. Soc.*, 1933, 34: 1-6.—**Opizzi, J.** El bocio. *Rev. san. mil.*, B. Air., 1936, 35: 44-7.—**Renner, R. R.** Goitre. *West Virginia M. J.*, 1926, 22: 652-8.—**Smith, M. J.** Goiter. *J. Arkansas M. Soc.*, 1935-36, 32: 63-9.—**Smith, R. K.** Goitre. *China M. J.*, 1928, 42: 270-7.—**Wilson, J. M.** Disease of the thyroid gland, with special reference to goiter; a summary. *Am. J. Surg.*, 1926, 40: 107-9.—**Woolf, A. E. M.** On goitre. *Clin. J., Lond.*, 1935, 64: 459-65.

— aberrant or ectopic.

See also subheadings intrathoracic; intratracheal; lingual.

MÜLLER-EGLOFF [K. R.] H. *Ueber versprengte Strumen [München] 22p. 8°. Speyer a. Rh., 1935.

Blum, J., & Blum, A. Goitres multiples développés aux dépens de thyroïdes accessoires. *Rev. méd. Nancy*, 1937, 65: 352.—**Castañón, C. A.** Estruma ovarico. *Bol. Soc. obst. gin. B. Aires*, 1940, 19: 316-20.—**Cornioley & Second.** Goitre aberrant de la région du pneumogastrique gauche; bradycardie paroxystique; extirpation; guérison. *Bull. Soc. nat. chir., Par.*, 1929, 55: 286-91.—**D'Arrigo, G.** Struma tiroidea cranica parenchimatosa o adenomatosa e cistico-coloidea, con tiroide normale. *Arch. ital. anat. pat.*, 1930, 1: 953-74.—**Florin, O.** [Aberrant goitre] *Cluj. med.*, 1926, 7: 182-4.—**González Duarte.** Un caso de bocio aberrante lateral. *Arch. med., Madr.*, 1927, 26: 577-80.—**Jorge.** Bocios aberrantes. *Bol. Soc. cir. B. Aires*, 1937, 21: 867.—**Kimizuka, T.** The accessory goiter. *Jap. J. M. Sc.*, 1934-36, 4: Surg., 231.—**Lahey, F. H.** Abnormally located goiters. *Illinois M. J.*, 1926, 49: 11-4.—**Leo, E.** Gozzo ectopico. *Valsalva*, 1930, 6: 765-76.—**Portmann, G.** Le goitre thyroïdien. *Rev. laryng., Par.*, 1926, 47: 717-25.—**Puente Duany, N., & Figueras, W.** Descripción de un caso de bocio aberrante suprahiodeo. *Rev. med. cir. Habana*, 1933, 38: 197-200.—**Seckbach, M.** Wachsender versprengter Strumakeim. *Deut. med. Wschr.*, 1933, 59: 372.—**Uematsu, H.** Ueber die heterotope Struma [Japanese text] *Zschr. Otorinolaryng.*, Tokyo, 1923-24, 29: H. 4-5, 89-100.—**Vedel, Puech, A., & Janbon, M.** Thyroïde accessoire goitreuse simulante un ganglion de Troisier dans un cas de cancer du pylore. *Bull. Soc. sc. méd. biol. Montpellier*, 1925-26, 7: 276.

— adeno matous.

See Goiter, nodular.

— Associated diseases.

Ameuille & Hinault. Faux aspects de tuberculose apicale dus à des goitres plongeants. *Rev. tuberc.*, Par., 1933, 4. ser., 1: 722-5.—**Ferraz Alvim, J., & Guerner, F.** Vitiligo, bocio e confusão mental: considerações em torno de um caso clínico. *Rev. otoneur.*, B. Air., 1928, 2-3: 308-17.—**Fischer, I.** Kropf und Tuberkulose. *Wien. klin. Wschr.*, 1927, 40: 948.—**Frank, L. W.** Tuberculosis and goiter. *Am. Rev. Tuberc.*, 1929, 20: 252-6.—**Hittmair, A.** Ueber die Beziehungen zwischen Kropf und Lungentuberkulose. *Zschr. klin. Med.*, 1925, 102: 412-9.—**Jaffé, R. H., & Liffvendahl, R. A.** Parenchymatous goiter with a persistent thymus and hyperplasia of the lymph glands. *Med. Clin. N. America*, 1929-30, 13: 1171-4.—**Kokushina, A. N.** [Tuberculosis and goiter among the children of the Maryskaya area] *Borba s tuberk.*, 1933, 2: 83-7.—**Kraus, R.** Die Chagaskrankheit, Kropf und Kretinismus in Südamerika. *Wien. med. Wschr.*, 1925, 75: 2837. Also *Wien. klin. Wschr.*, 1926, 39: 37; 378.—**Rosenbusch, F.** Bocio, cretinismo y enfermedad de Chagas. *Conf. Soc. sud-am. hyg.*, B. Air., 1917, 1. Congr., 79-89.—**Maggio, C.** Bocio, cretinismo y enfermedad de Chagas. *Prensa méd., argent.*, 1915-16, 2: 2-4.—**McClendon, J. F.** The statistical relation between goiter and cancer. *Am. J. Cancer*, 1939, 35: 554-8.—**Parhon, C. J., & Nitulesco, J.** Diabète mortel chez un goitreux traité par des petites doses d'iode et de corps thyroïde. *Rev. fr. endocr.*, 1926, 4: 189-98.—**Polák, E.** Ein Beitrag zur chirurgischen Therapie des mit Akromegalie kombinierten Kropfes. *Acta chir. scand.*, 1928-29, 64: 509-18.—**Pusch, L. C.** Occurrence of a calcareous arterial lesion in goiter. *Arch. Path., Chic.*, 1932, 14: 353-7.—**Ratner, J. A., & Kresling, E. M.** [Goiter and status dysrhythicus] In *Rentgenodiagn. nerv. dush. zabol.* (Bekhterev's neuropsych. Inst.) *Leningr.*, 1935, 133-40.—**Sloan, E. P.** Tuberculosis and goiter. *J. Am. M. Ass.*, 1927, 88: 1954-6.—**Strelkov, S. F., & Ofjebach, M. I.** [Tuberculosis in the region of endemic goiter in the Maryskaya area] *Borba s tuberk.*, 1933, 2: 74-82.—**Susani, O.** Ueber den endemischen Kropf und seine Beziehungen zur Tuberkulose. *Mitt. Grenzgeb. Med. Chir.*, 1926-27, 40: 146-53.—**Wecker, K.** Kropf und Psoriasis (aus eigenem Krankheitsleben) *Münch. med. Wschr.*, 1937, 84: 532.

— Blood chemistry.

See also subheading Metabolism.

Bandi, W. Cholesterinverhältnisse bei Kropf. *Ausz. Inaugur. Diss. Med. Fak. Univ. Bern* (1935-37) 1938, No. 206, 1-3.—**Bronstein, I. P.** Studies in cretinism and hypothyroidism in childhood; blood cholesterol. *J. Am. M. Ass.*, 1933, 100: 1661-3.—**Dodds, E. C., Lawson, W., & Robertson, J. D.** Variations in the iodine content of the blood in hyperthyroidism and non-toxic goitre. *Lancet, Lond.*, 1932, 2: 608-12.—**Fonio, A.** On the coagulation of the blood in strumas, in myxoedemas, in endemic cretinism, in Basedow and on its susceptibility to influence through thyroid extracts and through iodine compounds. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 173-92.—**Hino, S.** Iodine content of blood in goitre and influence of operation upon it. *Jap. J. M. Sc.*, 1934-36, 4: Surg., 233.—**Hurxthal, L. M.** Blood cholesterol in thyroid disease; analysis of findings in toxic and in nontoxic goiter before treatment. *Arch. Int. M.*, 1933, 51: 22-32.—**Ito, N.** Iodine metabolism of patients suffering from endemic goitre in Jehol; blood-iodine of a healthy person. *J. Orient. M.*, Dairen, 1938, 28: 46.—**—** Blood-iodine in thyroid diseases. *Ibid.*, 47.—**Kato, S.** Blutjodspiegel bei einigen chirurgischen Erkrankungen, mit besonderer Berücksichtigung der Kropfe. *Tohoku J. Exp. M.*, 1936, 29: 442-54.—**Larjanko, J., & Markkanen, O.** Totalserumkalziumanalysen bei Kropfoperationen. *Acta Soc. med. Duodecim*, 1936, ser. B, 22: No. 3, 1-42.—**Mazza, S., & Mazzocco, P.** Yodemia comparada de hombres y perros bociosos de Jujuy, con normales de esta ciudad y de Buenos Aires. *Reun. Soc. argent. pat. region.* (1931) 1932, 7. meet., 159-69.—**Previtera, A.** Gozzo e calcemia pre- e post-operatoria. *Arch. Soc. ital. chir.*, 1934, 40: 584-8.—**Riebler, R.** Mineral- und Vitamin-A-Blutspiegel bei Strumen in Tirol. *Beitr. klin. Chir.*, 1937, 166: 211-30.—**Schneider, E.** Die Bedeutung des Blutjodspiegels beim Kropf und der Basedowschen Krankheit. *Chirurg*, 1931, 3: 601-4.—**Starlinger, F.** Die zirkulierenden Eiweisskörper beim endemischen Kretinismus. *Arch. klin. Chir.*, 1929, 155: 308-23.—**Szenes, A.** Ueber den Gehalt des Blutes an Kalk, des Serums an Aminosäuren bei Strumen und einem Falle von Myositis ossificans, nebst refraktometrischen Bestimmungen. *Mitt. Grenzgeb. Med. Chir.*, 1923, 36: 591-605.—**Turner, R. G.** Iodine content of certain pathological bloods in a goiterous region. *Proc. Soc. Exp. Biol., N. Y.*, 1932, 29: 1294-6.

— calcified and osseous.

WEIKL, A. *Ueber das Vorkommen von Verkalkungen und Verknöcherungen in Schilddrüsenkröpfen bei Hunden. 23p. 8°. [Münch.] 1928.

Basset, A., & Scapier, J. Sur un cas de goitre calcifié. *Ann. anat. path., Par.*, 1933, 10: 1228.—**Beachler, J. F., & Woodhouse, G. A.** Calcification of cyst-adenoma of the thyroid with sinus formation; calcification of adenoma of thyroid; 2 case reports. *Ohio M. J.*, 1933, 29: 311-14.—**Bunch, C.** Calcification of cystadenoma of the thyroid. *South. M. & S.*, 1939, 101: 59-61.—**Della Vedova, T.** Qualche rilievo anatomico, clinico, tecnico su due interventi per struma fibroso calcificato e per fibrocondroma ossificante della tiroide. *Atti Congr. Soc. ital. laring.* (1912) 1913, 15: pt 2, 331-3.—**Galavielle, Guibert & Joyeux.** Néoformation osseuse dans un goitre. *Arch. Soc. sc. méd. biol. Montpellier*, 1932, 13: 500-4.—**Gómez Lubian, A.** Nódulo estrumoso calcificado. *Villaladra méd.*, S. Clara, 1940, 8: 5-10.—**Guzman, O., & Del Villar.** Bocio óseo. *Crón. méd.*, Lima, 1935, 52: 340-9.—**Rambo, C. M., & Levi, L. M.** Calcified thyroid cyst; report of case. *Ohio M. J.*, 1930, 26: 230.

— Classification.

See also Goiter, Type.

Arrasmith, W. J. Classification of goitre with special reference to iodine therapy. *Nebraska M. J.*, 1926, 11: 174-8.—**Breitner, B.** Zur Frage der Nomenklatur der Strumen. *Wien. med. Wschr.*, 1934, 84: 4-7.—**Cunéo, B.** Sur une classification des goitres. *Mém. Acad. chir., Par.*, 1938, 64: 21-31.—**Daniélopou, D.** Classification et pathogénie des thyroïdes endémiques et sporadiques. *Presse méd.*, 1938, 46: 1363-7.—**Dautrebande, L.** La classification physiopathologique des goitres. *Ibid.*, 1927, 35: 97-9.—**Debeyre, A., & Gineste, P. J.** Goitres expérimentaux et classification anatomo-physiologique des goitres. *Ann. anat. path., Par.*, 1939, 16: 267-82.—**Eise, J. E.** Classification of goiter. *Med. Sentinel*, 1925, 33: 479-91. Also *J. Am. M. Ass.*, 1926, 87: 1465.—**Hertzler, A. E.** Classification of goiters on a pathological and clinical basis. *Am. J. Surg.*, 1925, 39: 211-4.—**Hinton, J. W.** Normal thyroid in relation to the classification of goiters. *Arch. Surg.*, 1931, 23: 191-200. Also repr.—**Hutton, J. H.** A study of goiter classification and nomenclature. *Am. J. Surg.*, 1927, n. ser., 3: 359-63. Also *Clin. M. & S.*, 1927, 34: 428.—**La Barrera, J. M. de, & Riva, A.** Clasificación de los grados de bocio. *Reun. Soc. argent. pat. region.* (1929) 1930, 5. meet., 2: 793-8.—**MacCarty, W. C.** Pathological classification of goiter and its clinical significance. *Ann. Int. M.*, 1931, 5: 178-83.—**—** An anatomical classification of goiter. *West. J. Surg.*, 1940, 48: 550-5.—**Moolten, R. R.** The clinical classification of goiter. *Surg. Clin. N. America*, 1932, 12: 489-96.—**Van Meter, S. D.** The classification of goiter. *Northwest M.*, 1930, 29: 404-6.

Shivers, M. O., & Simpson, W. P. Report of the Committee on Classification of the American Association for the Study of Goiter. West. J. Surg., 1931, 39: 947.

Clinical aspect.

See also **Goiter, surgery: Indication.**

Andreev, F. F. [Clinical data on the course of goiter] Voen. med. J., Moskva, 1931, 2: 198-205.—Arneill, J. R. Certain clinical observations on goiter. In Contr. Med. Sc. (A. S. Warthin) Ann. Arb., 1927, 185-98.—Bartlett, R. W. The goiter problem as it affects the general practitioner. Mississippi Valley M. J., 1940, 62: 132-5.—Baz, G. Una historia clinica de un enfermo de bocio. Medicina, Méx., 1935, 15: 191-5.—Berry, J. Some clinical aspects of simple goitre, with remarks on its causation. Lancet, Lond., 1926, 1: 269-72.—Bircher, E. Klinische Anregungen zu einigen Fragen des Kropfproblems. In Festschr. F. de Quervain, Basel, 1928, 25-31.—Bolten, G. C. [Cases of goiter] Geneesk. gids, 1926, 4: 135-42.—Bram, I. Goiter comments for the general practitioner. Med. Rev. of Rev., 1936, 42: 3-12.—Brown, A. Case studies in goitre. Nebraska M. J., 1930, 15: 53; 1931, 16: 21.—Dore, R. Goitre; facts divers. Union med. Canada, 1934, 63: 700-2.—Eason, J. The significance of goitre. Brit. M. J., 1939, 1: 1303.—Eberts, E. M. Goitre from the standpoint of the general practitioner. Canad. M. Ass. J., 1938, 39: 324-32.—Eustis, A. Some interesting observations on goiter. N. Orleans M. & S. J., 1933, 85: 892-8.—Gurney, C. E. An analysis of goiter cases at the University Hospital. Nebraska M. J., 1935, 20: 41-4.—Hinton, J. W. The clinical cycle of goiters. Am. J. M. Sc., 1932, 183: 563-6.—Hudson, R. V. Goitre: a personal view. Middlesex Hosp. J., Lond., 1932, 32: 165-84.—Hunter, J. E. The relation of goiter to the borderline of medicine. J. Nat. M. Ass., N. Y., 1928, 20: 127-9.—Lewis, D. Histoire clinique du goitre. Bull. Soc. chir. Paris, 1928, 20: 420-4.—McClure, R. D. Experience with the thyroid problem in a Detroit clinic. Tr. South. Surg. Ass. (1926) 1927, 39: 205-12. Also Ann. Surg., 1927, 85: 333-8.—Mahorner, H. R. Clinical aspects of goiter. N. Orleans M. & S. J., 1936-37, 89: 673-83.—Miranda, F. de P. La significación del bocio simple. Medicina, Méx., 1935, 15: 195-9.—Neilson, C. H. Reflections of an internist on the thyroid problem. J. Missouri M. Ass., 1926, 23: 1-4.—Robertson, H. L. Medical considerations of common goiterous conditions. West Virginia M. J., 1928, 24: 170-3.—Rosenblatt, M. S. Goiter; practical points. Northwest M., 1935, 34: 468-70.—Goiter; a clinical analysis, with report of unusual cases. West. J. Surg., 1935, 43: 505-13.—Schwyzer, G. Goiter clinic with demonstration of cases. J. Lancet, 1925, 45: 496-8.—Veil, W. H. Die endokrinen Erkrankungen in der Praxis; die Kropfleiden. Münch. med. Wschr., 1927, 74: 1839; 1884.

colloid.

Aliakritsky, V. V. [Development of nodular, colloidal goiter] Sovet. klin., 1932, 17: 357-69.—Bram, I. Colloid goiter: its etiology and treatment; comments based upon a series of 1,143 cases. Med. Times, N. Y., 1931, 59: 241-4.—Buceta de Buño, R. Bocio coloidal familiar. Arch. pediat. Uruguay, 1938, 9: 745-9.—Dardel, G. Le goitre colloïde métastatique. Lyon chir., 1928, 25: 282-93.—Faldini, G. Metastasi scheletrica di struma colloidale. Chir. org. movim., 1929, 13: 80-6.—Guth, K. Zur Kasuistik der sog. metastasierenden Kolloidstruma. Zbl. allg. Path., 1921-22, 32: 257-60.—Habein, H. C. The management of cases of colloid goiter. Minnesota M., 1925, 8: 734-7.—Hellwig, C. A. Experimental colloid goiter. Endocrinology, 1934, 18: 197-202.—Heredia, P. Consideraciones sobre el bocio coloidal atípico. Rev. méd. lat. amer., B. Air., 1939, 1: 38.—Mukoyama, T., Cgosa, N. [et al.] Untersuchungen über die Struma colloidales in Formosa. Tr. Jap. Path. Soc., 1924, 14: 283-5.—Stöhr, W. Zur Kenntnis der Klinik der sogenannten Kautschukkolloidstruma und ihrer Bedeutung für die Entstehung von Kropffisteln. Wien. klin. Wschr., 1929, 42: 965-8.—Viamonte Cuervo, L. Retraso mental, hipotiroidismo, bocio coloidal. Rev. cienc. méd., Habana, 1939, 2: 103-5.—Willer, H. Ueber die metastasierende Kolloidstruma (Langhans) Verh. Deut. Ges. inn. Med., 1937, 49. Kongr., Sekt. inn. Med., 307-18.

compensatory.

See **Thyroid, Compensatory hypertrophy.**

Complication.

See also **Thyroid, Cancer; Thyroid, Inflammation; Thyrotoxicosis.**

GRABNER, G. *Ueber Kropffisteln (Auszug) 8p. 8°. Lpz., 1924.

SANSON, A. *Le goitre endémique basedowifée. 60p. 8°. Par., 1927.

Dedra, J. [Chronic nonspecific fistula of the goiter] Bratisl. lek. listy, 1932, 12: 129-40.—Bocchi, F. Bocio con hemorragia grave circundando la tráquea y el esófago y produciendo estenosis consiguiente. Bol. lar. otol., Madr., 1901, 1: 88.—Cabot, R. C. Goiter with extreme cyanosis. Boston M. & S. J., 1927, 197: 312-5.—Coller, F. A. The inevitable damage consequent upon goiter. Ibid., 1925, 193: 545-50. Also Chicago M. Rec., 1926, 48: 129-37.—Goris, C. Un cas d'hémor-

ragie grave dans un goitre. Ann. Inst. chir. Bruxelles, 1927, 28: 86-8.—Gulowson, G. [Case of death by strangulation caused by hemorrhage in goiter] Norsk. mag. lægevid., 1936, 97: [Forh. kir. foren. Oslo] 88-91.—Haim, E. Arterielle Blutung in eine Struma. Arch. klin. Chir., 1928, 151: 595-9.—Houda, E. O. The most primary factor of cancer which forms in goiter. Med. World, 1935, 53: 236; 309.—Mayoux & Cros. Goitre plongeant cancérisé, sarcome, ayant entraîné une dysphagie très intense, gastrostomie, sans la moindre dyspnée. Ann. otolar., Par., 1939, 413.—Parmentier. Goitre et affections rhino-pharyngées. Bull. Soc. belge otol., 1902, 7: 210.—Porter, M. F. Old nodular goiter surrounding trachea, posterior to the carotid with the isthmus posterior to the esophagus; report of a case with sudden death from acute abscess. Arch. Surg., 1929, 19: 466-70.

congenital.

BAHNSEN, A. *Ein Fall von sporadischer Struma neonati [Kiel] 15p. 8°. Flensburg [1927]

EBKES, H. *Erstickungsgefahr der Neugeborenen bei der Struma congenita und oedematosa. 42p. 8°. Münch., 1929.

HORNBERGER, W. *Ueber Struma congenita und ihre Beziehung zur mütterlichen Schilddrüse. 25p. 22cm. Tüb., 1938.

KAYSER, H. W. *Struma congenita beim Neugeborenen [Freiburg] 29p. 21cm. Schramberg, 1936.

LIEHR, G. [geb. PROTZAK] *Die Struma congenita und ihr Einfluss auf die Körperlänge der Neugeborenen [Freiburg i. B.] 23p. 8°. Neisse, 1927.

SCHULZ-WEIDA, S. B. *Ueber Struma congenita [Freiburg i. B.] 31p. 8°. Marb., 1929.

Baader, O. Untersuchungen über die Neugeborenenstruma. Zbl. Gyn., 1937, 61: 2661-3. Also Zschr. Geburtsh. Gyn., 1937, 115: 445-62.—Bini, G. Gozzo congenito ed ipertrofia congenita di cuore. Gazz. med. ital., 1938, 97: 76-83.—Capriara, D. [Observations on the congenital goiter in the new-born] Cluj. med., 1934, 15: 206-12.—Datscheff, A. T. Kropf bei Säuglingen. Ausz. Inaugur. Diss. Med. Fak. Univ. Bern (1935-37) 1938, No. 57, 1-6.—Edgren, G. Ein Beitrag zur Kenntnis der späteren Prognose der Struma congenita. Upsala læk. fören. förh., 1938-39, 44: 349-61.—Giudici, E. Il gozzo dei neonati. Ann. ostet. gin., 1937, 59: 323-47.—Gonnet & Desjagues. Goitre congénital. Bull. Soc. obst. gyn. Paris, 1928, 17: 86.—Guggisberg, H. Bedeutung und Verhütung des Neugeborenenkropfes. Arch. Gyn., Berl., 1938, 167: 622-52.

Zur Bedeutung und Prophylaxe der Neugeborenen-Struma. Schweiz. med. Wschr., 1939, 69: 1190. Also Zbl. Gyn., 1938, 62: 1789.—Hill, A. L. Congenital goiter. Arch. Pediat., N. Y., 1933, 50: 424-30.—Kerpel-Fronius, O. [Congenital struma in a new-born] Budapesti orv. ujs., 1939, 37: 887-9.—Liebe, S. Rückbildungsfähige Verbreiterung des Mittelschattens bei Neugeborenen. Mschr. Kinderh., 1935-36, 64: 48-54.—Martillotti, F. Un caso di gozzo congenito. Pediatria (Riv.) 1935, 43: 817-22.—Mitchell, D. S., & Struthers, R. R. Congenital hypertrophy of the thyroid gland with the report of a case. Canad. M. Ass. J., 1933, 28: 27-30.—Neuweiler, W. Ueber die Funktion der Schilddrüse Neugeborenen und der Struma congenita. Arch. Gyn., Berl., 1934, 157: 187-96. Also Helvet. med. acta, 1935-36, 2: 278.—Parmelee, A. H., Allen, E. [et al.] Three cases of congenital goiter. Am. J. Obst., 1940, 40: 145-7.—Räihä, C. E. Elf Fälle von Struma congenita. Acta paediat., Upps., 1936, 19: 50-70.—Raso, M. La tiroide del feto e del neonato e l'ipertrofia congenita della tiroide. Riv. biol., 1939, 27: 366-437.—Redaelli, P. Struma congenita colloidale, struma congenita telangiectasica ed alterazioni ipofisarie. Arch. ital. anat. pat., 1934, 5: 1050-73.—Rhenter, & Magnin, P. Un cas de goitre congénital. Bull. Soc. obst. gyn. Paris, 1937, 26: 727. Also Nourisson, 1938, 26: 352.—Ronsisvalle, A. Gozzo congenito in feto nato da madre gozzuta. Arch. ostet. gin., 1930, 2. ser., 17: 319-26.—Schmitz, E. J. Ein Fall von angeborener Struma. Kinderärztl. Prax., 1932, 3: 61.—Sieben, H. Ueber Struma congenita permagna. Klin. Wschr., 1931, 10: 645; 1911.—Slooff, J. [Congenital goiter] Mschr. kindergeneesk., 1935, 4: 18-23, 12 pl.—Solis-Cohen, L., & Steinbach, M. Sporadic congenital goiter causing death of an infant. Am. J. Dis. Child., 1939, 58: 1067-71.—Stevens, G. A., & White, W. W. Nodular goiter of the newborn with subsequent adenocarcinoma. J. Am. M. Ass., 1938, 110: 803.—Treplin, L. Zur Struma congenita. Deut. Zschr. Chir., 1936-37, 248: 174-6.—Unterrichter, L. von. Zur Klinik der Struma congenita. Ibid., 1934, 244: 88-95.—Walcher, K. Struma congenita und natürlicher Tod des Neugeborenen. Zbl. Gyn., 1932, 56: 1578-82.—Wespi, H. J. Die Verhütung des Neugeborenenkropfes. Schweiz. med. Wschr., 1940, 70: 925-8.—Wieland, E. Ueber Struma congenita. Ibid., 1927, 57: 850-2.—Willenbacher, M. Ueber einen Fall von Strumektomie beim Neugeborenen. Zbl. Chir., 1928, 55: 151-3.—Williamson, G. R. Congenital goiter; thyroidectomy at 18 months. J. Pediat., S. Louis, 1933, 2: 458-62.

Cretinism.

See also Goiter, endemic; Thyroid, Deficiency.

DIETERLE, T. *Ueber endemischen Kretinismus und dessen Zusammenhang mit anderen Formen von Entwicklungsstörung [Basel] 42p. 8°. Berl., 1906.

FLINKER, A. Studien über Kretinismus. 121p. 8° Lpz., 1930.

QUERVAIN, F. DE & WEGELIN, K. Der endemische Kretinismus. 206p. 8° Berl., 1936.

ZEHNDER, E. *Zur Kenntnis der Somatologie des endemischen Kretinismus unter besonderer Berücksichtigung der Kiefer- und Zahnverhältnisse auf Grund der Untersuchung von 78 Fällen. p.273-420. 8° Zür., 1937.

Also Arch. Julius Klaus Stift., 1937, 12:

Ambrosi, V. Le crétinisme thyroïdien endémique en Italie et sa prophylaxie. Rev. hyg., Par., 1938, 60: 412-25.—
Amstein, M. Beitrag zu einer ostschweizerischen Kretinismus-Statistik. Ausz. Inaugur. Diss. Med. Fak. Univ. Bern (1935-37) 1938, No. 23, 1-6.—Büchler, W. Beitrag zu einer ostschweizerischen Kretinismus-Statistik; Kretinenzählung in der Gemeinde Urnäsch. Ibid., No. 56, 1-5.—Burzio, F. Recherches anthropologiques sur le crétinisme. C. rend. Congr. internat. anthrop. crim (1906) 1908, 6. Congr., 346-8. Also Ann. freniat. Tor., 1906, 16: 238-40.—Cautley, E. Cretinism. Clin. J., Lond., 1911-12, 39: 278.—Cerletti, U. Il cretinismo endemico. Terapia, Milano, 1924, 14: 165-7, 2 pl.—& Perosini, G. Il problema antropometrico nel cretinismo endemico. Riv. sper. freniat., 1906, 32: 837-85.—Chaitan, S. Ueber die Beeinflussung des Kretinismus durch die Entfernung von Kropfgewebe. Schweiz. med. Wschr., 1924, 54: 894-7.—Cretinism. S. Barth. Hosp. Rep., Lond., 1906, 41: 245.—De la Vega, L. B. Cretinismo. Bol. Ass. méd. Porto Rico, 1922, 16: 144-7.—Dubois, M. Vergleichende Untersuchungen über den biologischen Wert des Kretinenskropfes. Mitt. Grenzgeb. Med. Chir., 1926, 39: 543-62.—Emerson, C. P. Cretinism; endemic cretinism; cretinismus; cretinoid idiocy. In Abt's Pediatr., Phila., 1924, 4: 816-20.—Estrada Catoyra, F. Enanismo. Rev. san. mil. Madr., 1914, 3. ser., 4: 445-50.—Eugster, J. Endemic goiter and cretinism; investigations based on more than 15,000 clinical observations. Tr. Am. Ass. Goiter, 1938, 130-8. — Beobachtungen über die Entwicklung des klinischen Bildes beim endemischen Kretinismus. Schweiz. med. Wschr., 1938, 68: 339-41. — Zur Pathogenese des endemischen Kretinismus; Beobachtungen an Müttern von Kretinen. Ibid., 820.—Fletcher, F. Cretinism; infantile myxedema, juvenile myxedema, cretinoid idiocy. Am. J. Clin. M., 1906, 13: 760-6.—Frimberger, F. Zur regionalen Verteilung der geistig Gebrechlichen im Bayerischen Allgäu, insbesondere im Hinblick auf die Kropffrage. Zschr. ges. Neur. Psychiat., 1933, 146: 553-66.—Goldstein, Kretinismus. Deut. med. Wschr., 1911, 37: 1004.—Jauregg, W. von. Ueber marinen Kretinismus. Wien. klin. Wschr., 1906, 19: 1273-8.—Joyce, T. M. Cretinism and multiple adenoma of the thyroid. Surg. Clin. N. America, 1924, 4: 1327-31.—Kimball, O. P., & Marinus, J. C. The relation of endemic goiter to mental deficiency. Ann. Int. M., 1930-31, 4: 569-77.—Knaggs, R. L. Cretinism. Brit. J. Surg., 1928-29, 16: 370-400.—Kutschera, A. Zur Epidemiologie des Kretinismus. Med. Bl., Wien, 1909, 32: 563.—Lang, T. Kropf- und Kretinenerkrankung und Prophylaxe der Endemie. In Erblehre & Rassenhyg. (E. Rüdin) Münch., 1934, 365-76. — Die hayerisch Kropf- und Kretinenuntersuchung. Radiol. Rdseh., 1935, 4: 129-43.—Lavitola, G. Endemia gozzo-cretinica in una zona della Lucania. Osp. psichiat., Nap., 1933, 1: 166-82, 5 pl.—Lotmar, F. Histopathologische Befunde in Gehirnen von endemischem Kretinismus, Thyreoplasie und Kachexia thyreopriva. Zschr. ges. Neur. Psychiat., 1933, 146: 1-53.—Marinus, C. J., & Kimball, O. P. The thyroid problem in retarded school children. J. Detroit Coll. M. & S., 1929-30, 1: 45-51.—Melzer. Ueber endemischen und sporadischen Kretinismus. Berl. klin. Wschr., 1921, 58: 1019.—Moore, J. C. Goiter and endemic cretinism. Am. J. Surg., 1929, n. ser., 6: 285-8.—Nager. L'oreille et le crétinisme endémique. Acta otolar., Stockh., 1928, 12: 53-8.—Niles, N. L. Cretinism. Providence M. J., 1910, 11: 154-65.—Nobel, E. Kretinismus. Wien. klin. Wschr., 1925, 38: 339.—Nothmann, M. Der endemische Kretinismus. In Handh. Neur. (Bumke & Foerster) Berl., 1937, 15: 154-72.—Olesen, R., & Fernald, M. R. Endemic goiter and intelligence. Pub. Health Rep., Wash., 1926, 41: 971-86.—Oswald, A. Endemischer Kretinismus, endemisches Myxödem. Schweiz. med. Wschr., 1927, 57: 834-6.—Quervain de. The pathological physiology of endemic thyrotoxicity (endemic goiter and endemic cretinism) Rep. Internat. Conf. Goiter (1927) 1929, 1. Congr., 124-51. Also Lyon chir., 1929, 26: 5-16.—Rice, G. W. Cretinism in North-western Illinois. Illinois M. J., 1924, 45: 206-9.—Scabell, A. Zur Pathogenese der Osteochondritis dissecans bei endemischem Kretinismus. Schweiz. med. Wschr., 1928, 58: 703-7.—Schwalber, L. Untersuchungen über Herkunft der Vorfahren und Häufigkeit von Verwandtenehen in den Familien von

Allgäuer Kretinen. Zschr. ges. Neur. Psychiat., 1931, 132: 227-34. Also repr.—Stacpoole, H. H. Bocio endémico en el Distrito Federal y estudio comparativo de la inteligencia de los niños bociosos e indolentes de esta entidad. Tr. Am. Ass. Goiter, 1938, 76-90.—Waller, H. Untersuchungen über den unterfränkischen Kretinismus an einem Geschwisterpaar. Verh. Deut. Ges. inn. Med., 1937, 49. Kongr., Sekt. inn. Med., 318-28.—Williamson, G. M. Cretinism. J. Lancet, 1914, 34: 501.

cystic.

KALBFLEISCH, K. W. *Ueber metastatische Gasbrandinfektion in einer Struma retrosternalis cystica [Frankfurt] 22p. 8° Tüb., 1919.

Also Beitr. klin. Chir., 1919, 118: 342-62.

REISS, E. [L.] *Ein Fall von tiefliegender Strumacyste mit Trachealstenose. 26p. 8° Königsb., 1930.

Clavel. Néoplasme thyroïdien inopérable, avec formation kystique volumineuse. Lyon méd., 1927, 140: 73.—De Courcy, J. L. Cystic tumors of thyroid. Cincinnati J. M., 1923, 4: 29.—Dore, R. Kystes thyroïdiens; observations; commentaires. Union méd. Canada, 1939, 68: 1080-2.—Irvine, G. M. A case of unusually large cystic goitre. Ind. M. Gaz., 1929, 64: 149.—Meyer, A. W. Cystic thyroid glands in very young sheep foetuses. J. Anat., Lond., 1913-14, 48: 171.—Ombredanne, M. Curieuse histoire clinique d'un kyste thyro-hyodien, pièce opératoire et résultat. Bull. Soc. pédiat. Paris, 1935, 33: 156-61.—Parsons-Smith, B. T. Thyroid cyst: ease for diagnosis. Proc. R. Soc. M., Lond., 1937-38, 31: 547.—Roman, D. Subtotal thyroidectomy for cystic goiter. Hahneinan. Month., 1937, 72: 927-32.—Rühl, A. Beitrag zur Kenntnis zystischer Halstumoren; Struma papillomatosa cystica lateralis. Deut. Zschr. Chir., 1926, 198: 90-8.

Diagnosis.

AUCLAIR, D. *Essai de diagnostic interféro-métrique des goitres. 118p. 8° Par., 1934.

LAMY, R. *Le test électrique de l'angle d'impédance. 48p. 8° Par., 1935.

Breitman, M. J. [Liposis prothyroidea et sterno-cleido-mastoides, simulating goiter] Vrach. delo. 1938, 20: 879-82.—
Cathcart, J. W. The radiologist and the goiter problem. Texas J. M., 1934-35, 30: 703-6.—Chaney, W. C. Practical points in the diagnosis of goiter. N. Orleans M. & S. J., 1925-26, 78: 737-41.—DeCourcy, J. L. Value of blood settling time in goiter. Chicago M. Rec., 1925, 47: 311-4.—Diver, W. T. Diagnosis and treatment of goiter. N. York State J. M., 1927, 27: 1301-5.—Erdélyi, M. [Roentgen examination of patients with goiter] Orvosképzés, 1939, 29: December külföld., No. 2, 398-408.—Favre, M., Dechaume, J., & Croizat, P. A propos des aspects pseudo-tuberculeux rencontrés dans les goitres. Ann. anat. path., Par., 1933, 10: 1204-6.—Fetzer, H. Die Röntgendiagnostik der Struma. Röntgenpraxis, 1929, 1: 715-23.—Hattori, M. Ueber die Doppelbelastung mit Glykose bei verschiedenen Schilddrüsenerkrankungen, besonders bei Struma ohne Hyperfunktion. Mitt. Med. Akad. Kioto, 1935, 14: 645-52.—Hawley, S. J. A roentgen study of the chest in 200 patients with goiter. Am. J. Roentg., 1934, 32: 326-9.—Higgins, W. H. Some problems in the diagnosis and treatment of simple goiter. Virginia M. Month., 1925-26, 52: 780-4.—Jackson, A. S. The diagnosis and treatment of goiter. Med. J. & Rec., 1926, 123: 748-50. Also J. Lancet, 1928, 48: 561-5. — Common mistakes in the diagnosis and treatment of goiter. Illinois M. J., 1931, 59: 103-8.—Joll, C. A. Swellings of the thyroid gland. Med. Press & Circ., Lond., 1938, 196: 210-4.—Kissinger, P. Schilddrüsenvergrößerungen. Zschr. ärztl. Fortbild., 1931, 28: 221-3.—Lee, A. E. Goitre and thyrotoxicosis. Med. J. Australia, 1938, 2: 162-8.—Liebesny, P. Untersuchung von 500 Strumenträgern. Wien. med. Wschr., 1925, 75: 2718-20.—Lineberry, E. D. Diseases of the thyroid gland which are commonly called goiter; myxedema; a case report. J. M. Ass. Alabama, 1934, 3: 397-402.—Moreau. Importance de la radiographie dans les cas de goitres. J. chir., Brux., 1927, 26: 214.—Nordland, M., & Larson, L. M. Problems in the diagnosis and treatment of goiter. J. Lancet, 1933, 53: 273. — Goiter clinic; a presentation of 10 unusual cases of thyroid disorders. Minnesota M., 1933, 16: 536-9.—Plummer, W. A. Suggestions to increase accuracy in the diagnosis of exophthalmic goiter and adenomatous goiter with hyperthyroidism. Proc. Mayo Clin., 1935, 10: 305-8.—Sager, W. W. The recognition of goiter and hyperthyroidism. Virginia M. Month., 1930-31, 57: 534-6.—Senty, E. G. The thyroid; diagnosis and treatment, medical considerations. J. Iowa M. Soc., 1926, 16: 103-7.—Sokolova-Ponomareva, O. D. [Methods of examination of the thyroid gland in endemic goiter in children] Sovet. pediat., 1935, No. 7, 44-7.—Underhill, M. S. The diagnosis and treatment of the most frequent types of goiter. Illinois M. J., 1926, 49: 464-6.—Waldner, E. Ein Beitrag zur Kottmannschen Reaktion. Mitt. Grenzgeb. Med. Chir., 1926, 39: 626-45.—Wilkins, L. Some problems and methods of diagnosis of cretinism and juvenile hypothyroidism. Delaware M. J., 1939, 11: 133-9.

diffuse.

Ciminata, A. Sulla tecnica operatoria del gozzo parenchimatoso. Arch. ital. chir., 1938, 51: 401-6.—**Hellwig, C. A.** The diffuse colloid goiter. Tr. Kansas City Acad. M. (1935-37) 1937, 61-71. Also Tr. Am. Ass. Goiter, 1938, 535-46. Also Surg. Gyn. Obst., 1937, 64: 604-8. Also West. J. Surg., 1939, 47: 406-17.—**Prini, I.** Hipertrofia diffusa colloidale da tiroide. Dfa med., B. Air., 1939, 11: 657-60.—**Tito, G.** Sulla etiologia, patogenesi e cura del gozzo parenchimatoso. Prat. pediat., Genova, 1931, 9: 389-92.

diving.

See subheading intrathoracic, plunging.

endemic.

See also Goiter, Cretinism; Goiter, Geopathology.

HELLER, E. *Ueber den Ablauf der Ossifikation in kropfendemenischen und kropffreien Gebieten [Basel] 34p. 8° Tüb., 1914.

Also Beitr. klin. Chir., 1914, 93:

Balp. Considerazioni sull'endemia tiroidea. Riv. sper. freniat., 1915, 41: 201-6.—**Caillard, P.** Le goitre endémique. J. méd. Paris, 1929, 48: 695-703.—**Danielopolu, D.** Note sur le goitre endémique. Bull. Off. internat. hyg. pub., Par., 1934, 26: 1601-4.—**Eerland, L. D.** [On endemic goiter and thyrotoxicosis] Geneesk. bl., 1938-39, 37: 43-70.—**Endemic** and sporadic goiter [Rumania] J. Am. M. Ass., 1937, 109: 290.—**Gibson, L. K.** Endemic goiter. J. Tennessee M. Ass., 1939, 32: 394-8.—**Godlewski, H.** Le goitre endémique. Rev. gén. clin. théor., 1934, 48: Suppl., 483-5.—**Gridnev, A. P.** [Studies on endemic goiter] Vest. khir., 1928, 13: 40-6.—**Grigorova, O. P.** Ilautevillaren in der Kropfgegend. Zschr. ges. Anat., 2. Abt., 1932-33, 17: 740-51.—**Huguenin, R.** Le goitre endémique. Presse méd., 1928, 36: 434-8.—**Kulesha, G. S.** [Study of endemic goiter] Gig. epidem., 1929, 8: 42-8, pl.—**Kutschera-Aichbergen, A.** Kropf und Kretinismus, endemische Dystrophie. Wien. klin. Wschr., 1926, 39: 741-4.—**Der endemische Kropf.** Aertzt. Rdsch., 1932, 42: 177-9. Also Wien. klin. Wschr., 1933, 46: 523.—**Lang, T.** Notes on the epidemiology and aetiology of goiter and cretinism. Rep. Internat. Conf. Goiter (1927) 1929, 1. Congr., 397-407.—**McCarrison, R.** The problem of endemic goitre. Brit. M. J., 1937, 1: 29-31.—**Maes, U., Boyce, F. F., & McFetridge, E. M.** Further observations on thyroid disease in a nonendemic area. Ann. Surg., 1937, 105: 700-16.—**May, H.** Zur Lebenskurve der Schilddrüse im Kropfand in kropffreier Gegend. Arch. klin. Chir., 1927-28, 149: 501-9.—**Meisel.** To the pathological anatomy and physiology of the endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 105-7.—**Mueller, F. von.** Problems of endemic goiter. In J. H. Pratt Anniv. Vol., 1937, 1-4. Also Ann. Int. M., 1936-37, 10: 1617-20.—**Muggia, G.** Endemia gozzo-cretinica: idee generali sul fenomeno. Igiene mod., 1926, 19: 201-6.—**Olesen, R.** Endemic goiter. Pub. Health Bull., Wash., 1929, No. 192, 1-68, 52 pl.—**Ortali, C.** Il gozzo endemico. Riv. med., 1925, 33: 30; 51.—**Plique, A. E.** El bocio endémico, reerudescencia actual, causas y tratamiento. Crón. méd. quir. Habana, 1918, 44: 409-12.—**Quervain, de.** De la thyroépathie endémique et du goitre, endémique en particulier. Gaz. méd. France, 1933, 806-8.—**Ravina, A.** Une nouvelle conception étiologique du goitre endémique. Presse méd., 1925, 33: 1442-4.—**Reyher, W. von.** Kropf und endemische Dystrophie. Berl. Klin., 1927, H. 375, 1-26.—**Gedanken und Tatsachen zur endemischen Thyreopathie.** Würzb. Abh. Med., 1929, 26: 179-97.—**Savich, V. V.** [Endemic goiter] Priroda, Leningr., 1935, 24: 49-54.—**Trikurakis, G. A.** Perché il gozzismo apparirebbe endemico. Difesa sociale, 1932, 11: 117; 161, 211.—**Vomela, S.** L'hypothyroïdisme endémique; répartition, symptomes, diagnostic. Presse méd., 1935, 43: 2090-3.—**Wagner-Jauregg, J.** Endemischer Kropf und Myxödem. Wien. klin. Wschr., 1930, 43: 1-6.

epidemic.

Balp. S. Il gozzo epidemico. Igiene mod., 1927, 20: 33-47.—**Burtscher, J., & Sprenger, W.** Ein Beitrag zur Aetiology des epidemischen Kropfes. Beitr. klin. Chir., 1935, 161: 423-41.—**Ueber eine Kropfepidemie in Trol.** Wien. klin. Wschr., 1935, 48: 1231.—**Granstrom, E. A.** [Goiter epidemic in Leningrad 1929-30] Voenn. med. J., Moskva, 1931, 2: 459-68.—**Lo Bianco, V.** Il gozzo epidemico. Med. prat., Nap., 1927, 12: 424-7.—**Molchanov, N. S.** [Physiotherapy of epidemic goiter] Klin. med., Moskva, 1933, 2: 1258-60.—**Oppel, V. A.** [Problem of epidemic goiter] Vrach. gaz., 1930, 34: 199-203.—**Schipat-schoff, W. G.** Zur Frage des epidemischen Kropfes. J. internat. chir., Brux., 1937, 2: 157-75.—**Takamori, T.** Epidemic goiter; Kaschin-Beck's disease. Jap. J. M. Sc., 1936-38, 4: Proc. Int. Med., 316-9.—**Zamkov, A. A., Ivanov, L. P., & Ievlev, M. F.** [Clinical aspect of epidemic goiter] Klin. med., Moskva, 1932, 10: 338-40.

Etiology.

See also Goiter, Pathogenesis.

JONES, H. M. The cause of goiter. 241p. 8° Chic. [1937]

Abbott, A. C. Simple goiter; its racial incidence and its relationship to nutrition. Canad. M. Ass. J., 1932, 27: 236-9.—**Adamsohn.** Ueber die Aetiology des Kropfes und einige Bemerkungen über Morbus Basedowii. Med. Korb. Württemberg, 1928, 98: 129.—**Breitner, B.** Grundsätzliches zur Frage der Aetiology des Kropfes. Klin. Wschr., 1933, 12: 1475-7.—**Cerletti, U.** Per la ricerca della causa del gozzismo. Difesa sociale, 1927, 6: 242-9.—**Chahovich, X., & Frajnd, K.** Contribution à l'étude de l'étiologie du goitre. C. rend. Soc. biol., 1934, 115: 869-71.—**Chisholm, R.** Goitre after middle age. N. Zealand M. J., 1940, 39: 74-8.—**DeCourcy, J. L.** The etiologic relation of fatigue to goiter. Internat. J. M. & S., 1932, 45: 253.—**De Maffei, U.** L'endemia di gozzo nel paese di Grauno, in valle dell'Avisio (Trentino) contributo all'etiologia del gozzo endemico. Gior. med. Alto Adige, 1929, 1: No. 12, 27-49.—**Ebbell, B.** [Etiology of endemic cretinism and goiter] Norsk mag. hegevid., 1925, 86: 145-55.—**Fischbach, H. P.** Clinical application of the new theory as to the cause of goiter. J. Am. Inst. Homeop., 1938, 31: 658-63.—**Buckner, L. M., & Fischbach, W. M.** The cause of goiter. J. Med., Cinch., 1938-39, 19: 277-83.—**Freyss, M.** The aetiology of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 423-8.—**Communications sur l'étiologie du goitre endémique.** Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 483-95.—**Fürst, T.** Nuevas teorías acerca de la etiología del bocio. Rev. med. germ. über. amer., 1929, 2: 702-10. Also Tungehl med. Mschr., 1929-30, 5: 246-60.—**Galli-Valerio, B.** Aetiology and epidemiology of the thyroidian disease. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 311-23.—**Gurevich, G. M.** [Etiology of endemic goiter] Sovet. vrach. J., 1937, 41: 1695-9.—**Harris, E. W.** Goitre in the Negro race, with report of the cases. Tristate M. J., 1928-29, 1: 80-3.—**Hellwig, C. A.** Geographic and experimental studies on the etiology of goiter. J. Kansas M. Soc., 1933, 34: 389-92.—**Höjer, J. A.** Die Aetiology des endemischen Kropfes. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 435-43, 2 ch., 2 maps. Also Bull. Off. internat. hyg. pub., Par., 1934, 26: 241-51.—**Houda, E. O.** The basic factor in the cause of goiter in the Pacific Northwest. Am. Med., 1928, 23: 716-22. Critique on current concepts of goiter based upon its determined cause. Compend M. & S., 1932, 10: 37-9.—**Jona, A.** Considerazioni eziopatologiche sul gozzismo e sul cretinismo endemico con illustrazione di casi. Rass. internaz. clin. ter., 1933, 14: 836-47, 3 pl.—**Kodama, T., Suzuki, S., & Masayama, S.** Etiological study on endemic goiter in Jehol. J. Orient. M., Dairen, 1935, 22: 11.—**Lang, T.** Beobachtungen über Kropf und Schädelindex. Anthropol. Anz., 1928, 5: 45-9.—**Kropf und Geburtsmonat.** Zschr. ges. Neur. Psychiat., 1929, 122: 724-6.—**Zur Aetiology des endemischen Kropfes.** Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 567-73.—**Lautier, R.** Contribution à l'étude de l'étiologie du goitre. C. rend. Soc. biol., 1930, 105: 23-5.—**Lindgren, J.** Der Kropf und die verschiedenen Blutgruppen. Acta Soc. med. Duodecim, 1934-35, ser. B, 20: No. 4, 1-15.—**Lynn-Thomas, J.** Gleaning from the story of the thyroid gland. Brit. M. J., 1927, 1: 91-4.—**McCarrison, R.** Abstract of report on the aetiology and epidemiology of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 279; 310.—**Recherches récentes sur l'étiologie du goitre.** Rev. fr. endocr., 1933, 11: 351.—**Recent researches on the aetiology of goitre.** Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 354-403.—**Marine, D.** Studies on the etiology of goiter including Graves' disease. Ann. Int. M., 1930-31, 4: 423-32.—**Baumann, E. J.** [et al.] Further studies on the etiology of goiter: the effect of cyanides. Tr. Ass. Am. Physicians, 1932, 47: 261-7. Also Proc. Soc. Exp. Biol., N. Y., 1932, 29: 772-5.—**Messeri, F. M.** Contribution à l'étiologie du goitre endémique. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 497-501.—**Monneret, A. M.** Researches on the aetiology of goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 438-43.—**Olesen, R.** Causes and effects of endemic goiter. Am. J. Surg., 1929, n. ser., 7: 17-21.—**Pighini, G.** On the causes of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 411-7. Also Difesa sociale, 1927, 6: No. 11, 339-41.—**Ritzmann, H.** Zur Frage der Aetiology des endemischen Kropfes. Münch. med. Wschr., 1925, 72: 2018.—**Rüdin.** Ueber Ursachen des endemischen Kropfes und Kretinismus. Ibid., 1932, 79: 988-93.—**Rush, H. P., & Jones, L. T.** Thyroid studies, the distribution of goiter among Indians, its bearing upon the etiology. Endocrinology, 1925, 9: 372-82.—**Savich, V. V.** [Etiology of goiter] Vrach. gaz., 1931, 35: 1332-6.—**Scott, M.** The possible role of arsenic in the etiology of goiter, cretinism, and endemic deaf-mutism. Tr. Am. Ass. Goiter, 1938, 34-49.—**Shivers, M. O.** Etiology of goiter. Am. J. Surg., 1929, n. ser., 7: 301-2.—**Maternal influence an etiological factor in endemic goiter.** Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 407-10.—**Spence, A. W.** Researches on the etiology of goitre. S. Barth. Hosp. Rep., Lond., 1934, 67: 201-48, 4 pl. Also Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 619-22.—**Trikurakis, G. A.** Vedute e considerazioni sul gozzo. Rass. internaz. clin. ter., 1933, 14: 1185-99.—**Contributo allo studio dell'etiologia del gozzo, ricerche in zona endemica montana.** Verhber. Internat. Kropfkongf. (1933) 1935, 2. Conf., 524-30, 4 tab.—**Wagner-Jauregg, J.** Ueber Kropfätiologie. Wien. med. Wschr., 1932, 82: 1339, 1367.—**Webster, B., & Chesney, A. M.** Studies in the etiology of simple goiter. Am. J. Path., 1930, 6: 275-84.—**Wyrobek, E.** [Present theories on the causes of endemic goiter] Polska gaz. lek., 1933, 12: 442, 466.

— Etiology: Cosmic and geological factors.

Achille, M. Le anomalie della tiroide in rapporto colla radioattività dell'acqua. *Verhber. Internat. Kropfkongf.* (1933) 1935, 2. Konf., 573-85.—**Boissevain, C. H., & Drea, W. F.** Relation between the occurrence of endemic goiter and the presence of traces of silver and barium in drinking water. *Endocrinology*, 1936, 20: 686.—**Cabello R., J., & Zúñiga, C. J.** Estudio de la composición mineral de la tierra y del agua en un distrito bociogeno de Chile. *Rev. med. aliment.*, Santiago, 1935-37, 2: 42-6.—**Colella, R.** Influenza dell'alimentazione idrica sull'accrescimento corporeo e sulla genesi del gozzo e delle disfunzioni tiroidee. *Arch. pat.*, Bologna, 1930-31, 10: 239; 1932, 12: 230. Also *Rev. fr. endocr.*, 1932, 10: 355-61.—**Influence of water on bodily increase and on the origin of goiters and insufficient thyroid functions; second communication; brief summary.** *J. Nerv. Ment. Dis.*, 1934, 79: 281-5.—**Desogus, V.** Théorie géologique du goitre en Sardaigne. *Rev. cosmobiol.*, Nice, 1938-39, 4: 114-6.—**Di un particolare aspetto della teoria geologica del gozzismo con speciale riguardo all'isola di Sardegna.** *Rass. med. sarda*, 1938, 40: 173-91, pl. Also *Rass. clin. sc.*, 1939, 17: 211-20.—**Don, J.** Natürliche und künstliche Filtration in Verbindung mit Kropf. *Kolloid Zschr.*, 1926, 38: 334.—**Ehrenwald, H., & Kolisch, E.** Ueber familiäre Tiefhandstruma mit Untersuchungen über den Deuteriumoxydgehalt eines Kropfbrunnens. *Klin. Wschr.*, 1937, 16: 462-4.—**Eugster, J.** Kropfproblem und Bodenatmung. *Arch. Julius Klaus Stift.*, 1937, 12: 27-32.—**Fellenberg, T. von.** Besteht ein Zusammenhang zwischen Fluorgehalt des Trinkwassers und Kropf? *Mitt. Lebensmitteluntersuch.*, 1938, 29: 276-90.—**Grassi, Zur Kropfrage.** *Zschr. Medbeamte*, 1928, 41: 11.—**Hellwig, C. A.** Morphogeographie and experimental studies on the etiology of goiter. *West. J. Surg.*, 1933, 41: 453-62.—**Höjer, J. A.** Das Verhältnis des endemischen Kropfes zur Topographie der Gegend. *Schweiz. med. Wschr.*, 1931, 61: 265-7.—**Lang, T.** Beitrag zur Boden-theorie des endemischen Kropfes, Kretinismus und Schwachsinn. *Zschr. ges. Neur. Psychiat.*, 1931, 135: 515-27.—**Ergebnisse einer ersten Messungsserie zur Frage des Zusammenhangs zwischen Radioaktivität und Kropf.** *Ibid.*, 1932, 141: 68-97.—**Ergebnisse einer zweiten Messungsserie zur Frage des Zusammenhangs zwischen Radioaktivität und Kropf.** *Ibid.*, 1933, 144: 583-605.—**Ergebnisse einer dritten Messungsserie zur Frage des Zusammenhangs zwischen Radioaktivität und Kropf.** *Ibid.*, 149: 700-10.—**Ergebnisse einer vierten Messungsserie zur Frage des Zusammenhangs zwischen Radioaktivität und Kropf.** *Ibid.*, 1935, 152: 107-25.—**Ergebnisse einer sechsten Messungsserie zur Frage des Zusammenhangs zwischen Radioaktivität und Kropf.** *Ibid.*, 1938, 162: 72-88.—**Bisherige Ergebnisse meiner Messungen und Tierversuche in Hinblick auf die Radioaktivitätshypothese des endemischen Kropfes und Kretinismus.** *Tr. Am. Ass. Goiter*, 1938, 20-30.—**Lederer, H., & Messerli, F. M.** Zur Radioaktivitätstheorie des endemischen Kropfes. *Schweiz. med. Wschr.*, 1939, 69: 408-11.—**Lo Cascio, G., & Cardinale, G.** Studio del metabolismo basale nelle disfunzioni tiroidee da causa idrica. *Cervello*, 1931, 10: 265-90.—**McClendon, J. F., & Sanford, J. R.** Iodine in Maryland waters in relation to goiter. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 263.—**Marchesa, A.** Le anomalie della tiroide in rapporto colla radioattività dell'acqua. *Rass. internaz. clin. ter.*, 1933, 14: 1178-84.—**Neumaier, F.** Sedimentpetrographische Untersuchungen zur Bodenaufschluss- und Radioaktivitätstheorie des endemischen Kropfes. *Radiol. Rdsch.*, 1935, 4: 143-9.—**Pighini, G.** Radioattività, iodio e alterazioni strumose della tiroide. *Riv. sper. freniat.*, 1935, 59: 261-315.—**Radioomanazione (radon) ed alterazioni strumose della tiroide.** *Tr. Am. Ass. Goiter*, 1938, 30-3.—**Pult, A.** Lo studio dei terreni per eventuali relazioni colla endemia strumica. *Rass. internaz. clin. ter.*, 1933, 14: 1167-77.—**Rhein, M.** Répartition géographique du goitre endémique et rappe d'eau souterraine. *Verhber. Internat. Kropfkongf.* (1933) 1935, 2. Konf., 481-3.—**Schuckink Kool, A.** [Goiter and drinking water] *Ned. tschr. genesck.*, 1927, 71: 650-2.—**Smith, J. H.** Solar radiation in relation to endemic goiter. *Arch. Int. M.*, 1932, 50: 76-123. Also repr.—**Deficiency of solar radiation and deficiency of iodine as factors in the distribution of simple goiter in the United States.** *Virginia M. Month.*, 1937-38, 64: 185-8.—**Straub, J., & Török, T.** Ueber die Verbreitung des Kropfes in Ungarn und dessen Zusammenhang mit der Radioaktivität des Bodens und Trinkwassers. *Zschr. Hyg.*, 1938-39, 121: 181-4.—**Wildenberg, L. van den.** Radiations et états pathologiques laryngotrachéaux et thyroïdiens associés. *Ann. otolar.*, Par., 1937, 281: 776.—**Wolf, K.** Radioaktivität und Kropf. *Arch. Hyg.*, Münch., 1930, 104: 53-64.—**Wolter, F.** Endemische und epidemische Thyreopathie in ihrer Abhängigkeit von Boden und Klima; ein epidemiologischer Beitrag zum Kropfproblem. *Arch. Psychiat.*, Berl., 1938, 108: 19-84.

— Etiology: Infection.

Abbot, A. C. Simple goitre; the relationship between chronic foci of infection and simple thyroid enlargement in children. *Canad. M. Ass. J.*, 1932, 27: 376-9.—**Bram, I.** Relationship of diseased tonsils to goitre; observations based upon a series of 9,864 goitre cases. *Med. J. & Rec.*, 1927, 125: 442-5.—**Cantero, A.** Bacteriology of the thyroid gland in goiter. *Surg. Gyn. Obst.*, 1926, 42: 61-3.—**Bacteriology of the thyroid in goitre; some experimental results.** *Canad. M. Ass. J.*, 1930, 22: 343-7.—**Crotti, A.** Bacteriological and parasitological

researches upon the aetiology of endemic goiter and experimental results. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 342-52.—**Folley, E.** Goiters and infections. *Ibid.*, 428-38.—**Heyman, A. M.** The bacteriology of goiter; a study of human thyroid tissue and an attempt to produce thyroid hyperplasia in rabbits. *West. J. Surg.*, 1934, 42: 574-7.—**Houda, E. O.** The bacterial factor in goiter. *Northwest M.*, 1928, 27: 240-2.—**The primary rôle of a parasitic symbiosis in the goiter question.** *Med. Rev. of Rev.*, 1933, 39: 23-5.—**Jordan, A. C.** Goiter in chronic intestinal stasis. *Internat. J. Surg.*, 1926, 39: 9.—**Llewellyn, R. L. J.** Goiter, exophthalmic goiter and rheumatic disorders. *Ibid.*, 1-6.—**McGlannan, A.** Focal infection and goiter. *Bull. School M. Univ. Maryland*, 1931, 15: 167-72.—**Messerli, F.** What part does infection play in the aetiology of goiter? *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 355-61.—**Nash, J. T. C.** Goiter and rheumatism and iodine deficiency. *Internat. J. Surg.*, 1926, 39: 11.—**Olesen, R., & Taylor, N. E.** The relationship of endemic goiter to certain potential foci of infection; in Connecticut. *Pub. Health Rep.*, Wash., 1926, 41: 557; 1927, 42: 606.—**Proca, G.** Insuffisance thyroïdienne et bacilles mucinogènes de l'eau. *C. rend. Soc. biol.*, 1906, 60: 989-91.—**Schwers, H.** Le goitre endémique a-t-il pour origine une infection? *Bruxelles méd.*, 1931-32, 12: 1186-9.

— Etiology: Iodine deficiency.

ADLERCREUTZ, E. *Orientierende Untersuchung über die Verbreitung des Kropfes in Finnland und über deren Zusammenhang mit dem Jodvorkommen im Wasser [Helsingfors] 148p. 8°. Stockh., 1928.

Also *Acta med. scand.*, 1928, 69:

HUNZIKER-SCHILD, H. Der Kropf, eine Anpassung an jodarme Nahrung. 24p. 8°. Bern, 1915.

McCLENDON, J. F. Iodine and the incidence of goiter. 126p. 28½cm. Minneapolis [1939]

ORR, J. B. Iodine supply and the incidence of endemic goitre. 18p. 8°. Lond., 1931.

SAEGESSER, M. Schilddrüse, Jod und Kropf; klinische und experimentelle Untersuchungen. 163p. 8°. Basel, 1939.

YOUNG, M., CRABTREE, M. G., & MASON, E. M. The relationship of the iodine contents of water, milk and pasture to the occurrence of endemic goitre in two districts of England. 20p. 8°. Lond., 1936.

Adolph, W. H., & Whang, P. C. Iodine in nutrition in coastal Mid-China. *Chin. J. Physiol.*, 1932, 6: 345-52.—**Belt, J. A. F. van den.** Relation entre le iode et la composition du régime alimentaire. *Arch. néerl. physiol.*, 1936, 21: 599-603.—**Biancalana, L., & Borstoli, P. C.** Tireopatie e bilancio dello jodio. *Riforma med.*, 1937, 53: 487-9.—**Blom, I. J. B.** The iodine content of foodstuffs in relation to the occurrence of endemic goitre in the Langkloof Valley. *Onderstepoort J. Vet. Sc.*, 1934, 2: 131-8.—**Bodnár, J., & Straub, J.** Biochemische Untersuchung des endemischen Kropfes in Ungarn, auf Grund der Jodmangeltheorie. *Biochem. Zschr.*, 1930, 227: 237-44.—**Carmalt-Jones, D. W.** Iodine in relation to goitre. *Lancet*, Lond., 1929, 1: 110, 164.—**Castaldi, L.** Sull'importanza dell'iodo negli organismi e nella genesi del gozzismo. *Rass. internaz. clin. ter.*, 1928, 9: 5-15.—**Cauer, H.** Zusammenhänge von Jodvorkommen mit dem Kropf in Oberhessen, Hunsrück und Umgebung. *Zschr. ges. phys. Ther.*, 1929, 38: 203-12.

Neue Untersuchungsergebnisse über das Jodvorkommen und sein Zusammenhang mit dem Kropf. *Ibid.*, 1930, 39: 10-50.—**Coplan, H. M., & Sampson, M. M.** The effects of a deficiency of iodine and vitamin A on the thyroid gland on the albino rat. *J. Nutrit.*, 1935, 9: 469-87, 2 pl.—**Drennan, A. M.** Certain aspects of the basic pathology of goitre: iodine defects, compensatory adjustments, mass effects. *Austral. N. Zealand J. Surg.*, 1936-37, 6: 147-50.—**Eggenberger.** Die Jodmangeltheorie und ihre Erfolge. *Verhber. Internat. Kropfkongf.* (1933) 1935, 2. Konf., 454-68.—**Gralka.** Zur Frage Entstehung des Kropfes infolge Jodmangels. *Mtschr. Kinderh.*, 1935, 63: 390.—**Harris, P. L., & Remington, R. E.** The effect of yeast and of thiamin on the production of low iodine goiter. *J. Nutrit.*, 1939, 17: 31-4.—**Hayne, J. A.** Endemic goiter and its relation to iodine content of food. *Am. J. Pub. Health*, 1929, 19: 1111-8.—**Hellwig, C. A.** Zur Jodmangeltheorie des Kropfes, Morphologie der Rattenschilddrüse nach jodarmer Ernährung. *Endokrinologie*, 1930, 6: 161-7. Also *Klin. Wschr.*, 1930, 9: 1913-6.—**Iodine deficiency and goiter, influence of a diet poor in iodine on the thyroid gland in white rats.** *Arch. Path.*, Chic., 1931, 11: 709-22.—**Hercus, C. E., Benson, W. N., & Carter, C. L.** Endemic goitre in New Zealand, and its relation to the soil-iodine. *J. Hyg., Camb.*, 1925-26, 24: 321-402, 2 pl.—**Hercus, C. E., Aitken, H. A. A.** [et al.] Further observations on the occurrence of iodine in relation to endemic goitre in New Zealand and on iodine metabolism. *Ibid.*, 1931, 31: 493-522. Also repr.—**Herzfeld, E.** Jod und Struma. *Deut. med. Wschr.*, 1929, 55: 1627.—**Hibbard, J. S.** Experimental

- thyroid hyperplasia, an increased intake of chloride combined with a diet deficient in iodine as a factor. *Arch. Surg.*, 1933, 26: 648-57. Also repr.—**Higgins, W. H.** The relation of iodine with special reference to iodized salt to the incidence of simple and adenomatous goiter. *Virginia M. Month.*, 1934, 60: 586-9.—**Holst, J.** Zur Jodmangeltheorie des Kropfes. *Klin. Wschr.*, 1931, 10: 118.—**Honda, E. O.** The iodine deficiency theory and the ultimate cause of goiter. *West. M. Rev.*, 1929, 34: 51-5. Also *Compend M. & S.*, 1929, 7: 41. Also *Med. J. & Rec.*, 1931, 133: 113.—**Iodine and goitre:** report to the Medical Research Council. *Ibid.*, 1933, 107: 106-52.—**Iversen, T., Lunde, G., & Wulfert, K.** [Researches on frequency of goiter and iodine content of water of Veststrandene] *Norsk mag. lægevid.*, 1930, 91: 1190-202.—**Jahn, D.** Der Jodstoffwechsel im Gebiet der badischen Kropfendemie. *Verh. Deut. Ges. inn. Med.*, 1937, 49. Kongr., Sekt. inn. Med., 304-6.—**Jansen.** Die Jodfrage beim Kropfproblem. *Klin. Wschr.*, 1928, 7: 816. Also *Münch. med. Wschr.*, 1928, 75: 645-7.—**Kocher, A.** Results of chemical and histological researches on the nature and significance of iodine in the thyroid gland and in the goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 167-72.—**Liek, E.** Ist die Jodmangeltheorie des Kropfes richtig? *Münch. med. Wschr.*, 1927, 74: 1786-8.—**McCarrison, R.** Relationship of iodine in soil and drinking water to the chronic hypertrophic type of endemic goitre. *Tr. Far East. Ass. Trop. M.*, 1927, 7. Congr., 3: 455-7.—**Newcomb, C. [et al.]** The relation of endemic goitre to the iodine-content of soil and drinking water. *Ind. J. M. Res.*, 1927-28, 15: 207-46.—**McClendon, J. F.** Iodine and goiter in Utah and use of the Cottrell precipitator in iodine analysis. *Proc. Soc. Exp. Biol.*, N. Y., 1925-26, 23: 494-6.—**The distribution of iodine with special reference to goiter.** *Physiol. Rev.*, 1927, 7: 189-258.—**Notes on the relation of iodine to goitre.** *Endocrinology*, 1931, 15: 281-5.—**Ueber die Beziehung des Jods zum Kropf.** *Münch. med. Wschr.*, 1933, 80: 1039.—**Jodio e gozzo studiati in viaggio pel mondo.** *Rass. internaz. clin. ter.*, 1933, 14: 1147-54.—**The distribution of iodine in relation to iodine.** *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 126.—**Martin, J.** Iode et goitres. *Arch. Soc. sc. méd. biol. Montpellier*, 1934, 15: 206-16.—**Mazzocco, P.** Teneur en iode de l'air, du sol, de l'eau et des aliments dans une région à goitre endémique. *C. rend. Soc. biol.*, 1929, 102: 867.—**El iodo en el aire, rocio suelo y agua de Salta.** *Reun. Soc. argent. pat. region.* (1929) 1930, 5. meet., 2: 799-814.—**Meerburg, P. A.** [Iodine contents in our foodstuff in relation to struma] *Ned. tscr. geneesk.*, 1935, 79: 3289-93.—**Meinck, F.** Beitrag zum Jodgehalt des Bodens, des Wassers und einiger Nahrungsmittel in kropfbefallenen Gegenden. *Kleine Mitt. Verein. Wasserversorg.*, 1927, 3: 10.—**Meisel.** Ist der Kropf wirklich durch Jodmangel bedingt? *Schweiz. med. Wschr.*, 1926, 56: 265.—**Molec, I.** [Significance of iodine and fluorine in the development of struma] *Bratisl. lek. listy*, 1939, 19: 24-7.—**Nagao, G.** Beziehung zwischen dem Jodgehalt der mundschürischen Erde und dem endemischen Kropf. *Nachtrag.* *Jap. J. M. Sc.*, 1938-39, 5: Proc. Int. Med., 55.—**Nylander, G.** [Goiter in Finland, its relation to iodine content of the water] *Fin. läk. säll. hand.*, 1928, 70: 728-37.—**Oswald, A.** Ist Jodmangel Ursache des endemischen Kropfes? *Münch. med. Wschr.*, 1927, 74: 1783-6.—**Rasche, W.** Ueber die Jodausscheidung in der Milch *Zschr. Kinderh.*, 1926, 42: 124-32.—**Reith, J. F.** Kropf und Jod in Holland. *Schweiz. med. Wschr.*, 1933, 63: 791-4.—**Remington, R. E.** Studies on the relation of diet to goiter, the iodine requirement of the rat. *Proc. Am. Soc. Biol. Chem.*, 1932, 8: p. ci.—**Scheffer, L.** Ueber die Rolle des Jods bei der Entstehung von Schilddrüsenkrankheiten. *Schweiz. med. Wschr.*, 1934, 64: 969-71.—**Shee, J. C.** Soil and fresh-water iodine-content in Ireland in relation to endemic goitre incidence. *Se. Proc. R. Dublin Soc.*, 1940, 22: 307-14.—**Shore, R. A., & Andrew, R. L.** Le goitre en Nouvelle-Zélande, rapports entre la fréquence du goitre et les quantités d'iode contenues dans le sol et dans l'eau. *Bull. Off. internat. hyg. pub.*, Par., 1934, 26: 252-4.—**Smiley, D. F.** Iodine deficiency in water as an index of goiter. *Am. J. Hyg.*, 1928, 8: 297.—**Snapper, I.** [Relations between iodine, simple goiter and Basedow's disease] *Ned. tscr. geneesk.*, 1930, 74: pt 2, 3396-414.—**Straub, J.** Ueber die Verbreitung des Kropfes in Ungarn und dessen Zusammenhang mit dem Jodgehalt der Trinkwässer. *Zschr. Hyg.*, 1930, 111: 472-9.—**& Papp, G.** [Relationship between the distribution of goiter and the iodine-content of the thyroid on the Great Plain of Hungary] *Magy. orv. arch.*, 1932, 33: 351-7.—**Turner, R. G.** Iodine and thyroid hyperplasia, the iodine content of human skimmed milk from goitrous and nongoitrous regions. *Am. J. Dis. Child.*, 1934, 48: 1209-27.—**Ucko, H.** Kropf und Jodmangeltheorie. *Erg. inn. Med. Kinderh.*, 1932, 43: 366-427.—**Veil, W. H.** Die endokrinen Erkrankungen in der Praxis, Jodfrage und Kropf. *Münch. med. Wschr.*, 1928, 75: 228, 268.—**Vulliet, H.** Le goitre, la maladie de Basedow et le rôle de l'iode. *Rev. méd. Suisse rom.*, 1930, 50: 441-61.—**Wahlberg, J.** Deficiency of iodine and excess of calcium within an endemic goiter area. *Tr. Am. Ass. Goiter*, 1938, 71-5.—**Walker, O. J.** The distribution of iodine in Alberta in relation to the prevalence of goitre; iodine in the water supplies. *Canad. J. Res.*, 1932, 7: 137-48.—**Weitzel, W.** Wie bezeugen wir der Jodverarmung unserer Nahrungsmittel? *Aerzt. Rdsch.*, 1926, 36: 182.—**Wilke-Dürfurt, E.** Ueber den Jodgehalt der Schalen von Muscheltieren, zum chemischen Teil des Kropfproblems. *Biochem. Zschr.*, 1928, 192: 73-82.—**Williamson, G. S., & Pearce, I. H.** The pathology of endemic goitre and the iodine question. *J. State M., Lond.*, 1926, 39: 621-6.
- **Etiology: Nutritional factors.**
- Abels, H.** Der Kropf der Neugeborenen, Kinder und Jugendlichen in den Wiener Mangeljahren und seine Entstehungsweise. *Krankheitsforschung*, 1931, 9: 241-77.—**Bergfeld, W.** Schilddrüse und Ernährung in kropfarmen und kropffreien Gebieten in Oberbaden. *Zschr. ges. exp. Med.*, 1939-40, 107: 106-52.—**Downs, A. W.** The quantity of iodine in the thyroid gland of the rabbit and the influence thereon of a diet of cabbage. *J. Lab. Clin. M.*, 1936-37, 22: 270-3.—**Gibson, A. E.** Sugar, cream; and goiter. *Med. Stand.*, 1926, 49: No. 5, 15-8.—**Hoffmann, J.** [Disorders of the thyroid gland in animals fed exclusively on oats] *Polska gaz. lek.*, 1930, 9: 949.—**Jacobi, M. von.** Beitrag zur Kenntnis eines angeblichen Kropferregers. *Schweiz. med. Wschr.*, 1933, 63: 784-6.—**Judina, I. D.** [On the cabbage goiter] *J. méd.*, Kiev, 1939, 9: 801-8, 4 pl.—**Kikusawa, T.** Ueber die Veränderung der Schilddrüse durch übermäßige Kalkzufuhr. *Tr. Jap. Path. Soc.*, 1929, 19: 69.—**Kirsch, O.** Zur Frage der Hypothyreosis; der Ernährungsfaktor in der Ätiologie des Kropfes. *Wien. klin. Wschr.*, 1926, 39: 943-6. Also *Zschr. Kinderh.*, 1926, 42: 453-84.—**Levine, H.** Studies on the relation of diet to goiter; a dietary technique for the study of goiter in the rat. *Proc. Am. Soc. Biol. Chem.*, 1932, 8: p. c.—**Remington, R. E., & Von Kolnitz, H.** Studies on the relation of diet to goiter; the iodine requirement of the rat. *J. Nutr.*, 1933, 6: 347-54.—**A dietary technic for the study of goiter in the rat.** *Ibid.*, 325-35.—**Livschitz, N. I., & Schlapobersky, V. J.** [Changes in the thyroid gland due to faulty nutrition] *Sovet. klin.*, 1932, 17: 320-9.—**McCarrison, R.** The effects of the excessive ingestion of lime on the thyroid gland and the influence of iodine in counteracting them. *Ind. J. M. Res.*, 1925-26, 13: 817-21, 2 pl.—**Studies on goitre produced by cabbage.** *Ibid.*, 1931, 18: 1311-34, 13 pl.—**Food and goitre.** *Brit. M. J.*, 1933, 1: 671-5.—**The goitrogenic action of soya-bean and ground-nut.** *Ind. J. M. Res.*, 1933, 21: 179-81, pl.—**Marine, D., Baumann, E. J., & Cipra, A.** Studies on simple goiter produced by cabbage and other vegetables. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 822-4.—**Marine, D., Baumann, E. J., & Webster, B.** Occurrence of anti-goitrogenic substances in plant juice. *Ibid.*, 1929-30, 27: 1029-31.—**Marine, D., Baumann, E. J. [et al.]** Effect of drying in air on the goiter-producing substances in cabbage. *Ibid.*, 1925.—**Molec, I.** [Struma as a sequel of undernourishment] *Bratisl. lek. listy*, 1936, 16: Suppl., 10, 194.—**[Struma as a consequence of malnutrition]** *Ibid.*, 1937, 17: Suppl., 312-20.—**[Goiter as result of use of saccharine in combination with undernourishment]** *Ibid.*, 1938, 18: 196-201.—**Pelc, H., & Watzel, R.** [Strumogenous properties of cabbage in various parts of Czechoslovakia] *Cas. lek. česk.*, 1934, 73: 1329, 1935, 74: 569.—**Action goitrigène des choux cultivés dans différentes régions de la Tchécoslovaquie.** *Tr. Inst. hyg. pub. tchéc.*, 1935, 6: 31-5, pl.—**Action goitrigène du chou aigre et du chou frais.** *Ibid.*, 36-8.—**Rabinovitch, J.** The effect of underfeeding on the proliferative activity of the thyroid gland in the guinea pig. *Am. J. Path.*, 1929, 5: 87-90.—**Remington, R. E., & Levine, H.** Studies on the relation of diet to goiter; further observations on a goitrogenic diet. *J. Nutr.*, 1936, 11: 343-57.—**& Coulson, E. J.** Studies on the relation of diet to goiter; the anti-goitrogenic value of some foods. *Ibid.*, 12: 27-37.—**Rhein, M.** Epidemic goiter and avitaminosis. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 417-22.—**Rogers, M. E. C., & Eckstein, H. C.** Goitrogenic effect of dietary fat. *Proc. Soc. Exp. Biol.*, N. Y., 1937, 36: 738-40.—**Stefko, W.** Zur Pathologie der Inanition; der Ernährungsfaktor im Kropfproblem. *Schweiz. med. Wschr.*, 1931, 61: 171-7.—**Sugai, M.** Ueber den Einfluss der einseitigen Nahrung auf die Schilddrüsen-Aktivität. *Tr. Jap. Path. Soc.*, 1929, 19: 66-9.—**Sugiura, K., & Benedict, S. R.** Effect of various goiter-producing diets on the growth of carcinoma, sarcoma, and melanoma in animals. *Am. J. Cancer*, 1935, 23: 541-9.—**Suk, V.** [Cabbage and goiter in Carpathian Ruthenia] *Anthropologie, Praha*, 1931, 9: 1-6.—**Turrentine, J. W.** Goiter; a dietary problem. *Se. American*, 1926, 134: 248.—**Wagner-Jauregg.** Die angeblichen Schilddrüsen-schädigungen durch Vollsatz. *Wien. klin. Wschr.*, 1931, 44: 317-20.—**Webster, B.** Effect of carbon arc irradiation on the goitre producing substance in plants. *Proc. Soc. Exp. Biol.*, N. Y., 1932, 29: 1070-2.—**& Cipra, A.** Effect of acid and alkaline hydrolysis on the goitrogenic substance contained in cabbage. *Ibid.*, 1929-30, 27: 1026-8.—**Westra, J. J., & Hunter, V.** Effect of irradiating nongoitrogenic cabbage on its goitrogenic activity. *Ibid.*, 1933, 30: 1157.—**Z, G.** Schilddrüsen-vergrößerung und Vitaminmangel. *Umschau*, 1937, 41: 529.—**Zeckwer, I. T.** The effect of cabbage feeding on the morphology of the thyroid of rabbits. *Am. J. Path.*, 1932, 8: 235-43, pl.
- **exophthalmic.**
- See **Thyrotoxicosis.**
- **experimental.**
- See also **Goiter—in animals.**
- Anderson, E. M.** The production of hyperplasia of the thyroid with hyperthyroidism in the albino rat; a preliminary report. *Canad. M. Ass. J.*, 1933, 28: 23-7. Also repr.—**Branovacky, M.** Die biologische Wirksamkeit verschiedener

- Kropfarten im Kaulquappenversuch. Mitt. Grenzgeb. Med. Chir., 1926, 39: 563-92.—**Breitner, B.** Die Strumenfrage im Tierexperiment. Beitr. klin. Chir., 1925, 134: 380-90.—**Bruman, F., & Blomberg, A.** Ernährung und Schilddrüsenfunktion; die Bedeutung des Vitamin D bei der durch Acetonitril erzeugbaren Schilddrüsenhyperplasie. Zschr. ges. exp. Med., 1935-36, 97: 229-33.—**Cerietti, U.** Tre anni di ricerche sperimentali sulla etiologia del gozzismo endemico. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Konf., 501-24.—**Cole, W. H., Womack, N. A., & Ellett, W. H.** The production of hyperplasia of the thyroid gland by chemical means; with special reference to purine bases and their derivatives. Arch. Surg., 1931, 22: 926-35.—**Hellwig, C. A.** Experimental goiter; functional, chemical and histologic studies. Arch. Path., Chic., 1935, 19: 364-71.—**Experimental goiter due to calcium.** Arch. Surg., 1940, 40: 98-102.—**Hoche, O.** Studien über die biologische Wirksamkeit von Kropfschilddrüse sowie Kropfarterien und Venenblut (Fütterungsversuche an Feuer-salamanderlarven). Mitt. Grenzgeb. Med. Chir., 1926-28, 40: 583-91.—**Karp, L., & Kostkiewicz, B.** [Experimental colloid goiter after folliculin injections]. Polska gaz. lek., 1934, 13: 49.—**Kondo, H.** Experimental production of goiter. J. Orient. M., Dairen, 1940, 32: 1.—**Kurata, T.** Experimental studies of the cause of endemic goiter; the effect of the continuous administration of goiter water on the thyroid of guinea pigs. Ibid., 1939, 31: 1.—**Lang, T.** Versuche zur experimentellen Erzeugung des endemischen Kropfes bei weissen Ratten. Zschr. ges. exp. Med., 1934-35, 95: 378-96.—**Longhi, L.** I primi reperti microscopici relativi alle ricerche sul gozzo endemico sperimentale. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Konf., 530-40.—**McCarrison, R.** The experimental production of a new type of goiter unrelated in its origin to iodine. Lancet, Lond., 1927, 1: 916-20. Also Ind. J. M. Res., 1927-28, 15: 247-63, 2 pl.—**Influence of manganese chloride in preventing lymphadenoid goiter in rats.** Ibid., 1929-30, 17: 439-41, 2 pl.—**Krishnan, B. G., & Madhava, K. B.** Effect of caging on the thyroid gland of albino rats. Ibid., 1934, 22: 59-64.—**Mahorney, H. R.** Attempts to produce hyperplasia in thyroid by destruction of part of the adrenals and by infection. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 1076-8.—**Attempts to produce hyperplasia of thyroid gland by injection and by injury to the adrenal gland.** Ibid., 1933, 30: 770-2.—**Experimental production of goiter.** Arch. Surg., 1937, 35: 937-55.—**Messeri, F. M.** Contribution à l'étude de l'étiologie du goitre endémique; goitres expérimentaux produits chez des rats blancs par alimentation avec de l'eau infectée. Zbl. Bakt., 1. Abt., 1926, 98: 378-91.—**Nelson, R. C., & Warkany, J.** Changes in the ant. pituitary gland of rats with experimental goiter. Proc. Soc. Exp. Biol., N. Y., 1938-39, 39: 66-71.—**Oberling, C., & Guérin, M.** Hyperplasie thyroïdienne et goitres chez des poules maintenues en cage sans gravier. C. rend. Soc. Biol., 1936, 121: 947-50.—**Pighini, G.** Ricerche sperimentali sulla tiroide in relazione alla etiologia del gozzo cretinismo. Riv. sper. freniat., 1926, 50: 75-164, 8 pl.—**Remington, J. W.** Low-iodine goiter and the resistance of the rat to thyrotropic stimulation. Proc. Soc. Exp. Biol., N. Y., 1937-38, 37: 175-8.—**Sharpless, G. R.** A new goiter-producing diet for the rat. Ibid., 1938, 38: 166-8.—**Hopson, E. M.** Cellular changes in the anterior pituitary gland of rats with experimental goiter. Endocrinology, 1940, 27: 129-31.—**Spatz, H.** Studien über Südbayerische Kropfe im Kaulquappenversuch und Bemerkungen zu dessen Methodik. Zschr. Biol., 1927-28, 87: 41-58.—**Suzuki, S.** Etiological study on endemic goiter in Jehol; on the results of animal experiments. J. Orient. M., Dairen, 1938, 28: 67.—**Turner, K. B., & Benedict, E. M.** Thyroid hyperplasia produced in chickens by ultraviolet light deficiency. J. Clin. Invest., 1932, 11: 761-74.—**Warkany, J., & Nelson, R. C.** Changes in the anterior pituitary gland of rats with experimental goiter. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 487-90.—**Webster, B.** Studies in the etiology and nature of simple goiter as produced experimentally in rabbits. West. J. Surg., 1931, 39: 765-73.—**Studies in the experimental production of simple goiter.** Endocrinology, 1932, 16: 617-25. Also Verhber. Internat. Kropfkongf. (1933) 1935, 2. Konf., 443-54.—**Marine, D., & Cipra, A.** The occurrence of seasonal variations in the goiter of rabbits produced by feeding cabbage. J. Exp. M., 1931, 53: 81-91.—**Wegelin, C.** Zur experimentellen Kropfforschung. Schweiz. med. Wschr., 1927, 57: 848-50.—**Zondek, H.** La production artificielle d'une hyperplasie de la thyroïde. Presse méd., 1936, 44: 1469.
- (Kropf) und deren Verhalten zu andern Thyreoiden-Leiden. Acta med. scand., 1932, 79: 298-322. Also Ugeskr. læger, 1932, 95: 688, 705.—**Brain, W. R.** Heredity in simple goitre. Quart. J. M., Oxf., 1926-27, 20: 303-19.—**Clemmesen, C., & Schroder, G. E.** Apparition extraordinaire de goitres dans une famille. Rev. fr. endocr., 1933, 11: 26-33.—**Danielopolu, D., Derevici, M., & Derevici, A.** Sur le facteur hérédité dans la production du goitre endémique. Bull. Acad. méd. Roumanie, 1938, 3: 127-9.—**Eugster, J.** Zur Erblichkeitsfrage der endemischen Struma, genetische Untersuchungen über die Ursachen des Kropfes. Arch. Julius Klaus Stift., 1934, 9: 275, 1935, 10: 101, 10 tab.—**Die Zwillingsstruma, Untersuchungsergebnisse an 520 Zwillingspaaren, mit pathologisch-anatomischen Befunden bei 78 Paaren und wiederholten Untersuchungen an 133 Paaren.** Ibid., 1936, 11: 369-539.—**Der endemische Kropf, genetische Untersuchungen auf Grund von mehr als 15,000 klinischen Beobachtungen.** Klin. Fortbild., 1936, 4: 243-55.—**Die Genese des endemischen Kropfes mit besonderer Berücksichtigung der Erblichkeitsfrage.** Dent. med. Wschr., 1937, 63: 765. Also Verh. Deut. Ges. inn. Med., 1937, 49. Kongr., Sekt. inn. Med., 252-4.—**Hill, H. G.** Heredity in cretinism, simple and toxic goiter. In Chances of morbid inherit. (Blacker, C. P.) Lond., 1934, 318-31.—**Kemp, T.** The inheritance of sporadic goiter. Human Biol., 1933, 5: 480-90.—**Lindgren, J.** Ueber die genotypischen Faktoren der thyreoten Konstitutionsanomalie. Acta Soc. med. Duodecim, 1934-35, ser. B, 20: No. 3, 1-35.—**Meulengracht, E.** Is sporadic goiter dependent upon genotypical factors? Endocrinology, 1933, 17: 383-92.—**Neel, H. B.** Similar goiters in monozygotic twins. Surgery, 1939, 5: 582-92.—**Ombredanne, M.** Goitres acquis par 2 frères en Haute-Savoie. Méd. inf., Par., 1939, 46: 52.—**Quervain, F. de.** Die endemische Thyreopathie. In Verh. erbkr. Nachwuch. (Zurukzoglu, S.) Basel, 1938, 204-8.—**Steen, H., & Holst, J. E.** [Genotypic sporadic struma] Hospitalstidende, 1935, 78: 855-9.—**Unterrichter, L.** von. Endemischer Kropf und Missbildung. Zschr. menschl. Vererb., 1938-39, 22: 160-4.—**Warren, S., & Shipner, L. B.** Primary hyperplasia of the thyroid in one of still-born twins. J. Am. M. Ass., 1937, 109: 575-7.
- Geopathology.**
- Arndt, H. J.** Ueber das Kropfproblem nach geographisch-pathologischen Untersuchungen. Sitzber. Ges. Naturwiss. Marburg, 1931, 65: 29-59, 4 pl.—**Bircher, E.** The geographical distribution of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 323-12.—**Dieterle, T.** Ueber endemischen Kretinismus und dessen Zusammenhang mit anderen Formen von Entwicklungsstörungen. Jahrb. Kinderh., 1906, 64: 465-76.—**Fürst, T.** Beobachtungen zur Frage der Kropfverbreitung. Med. Welt, 1929, 3: 233-6.—**Kerr, W. J.** The geographical distribution of goiter. Tr. Ass. Am. Physicians, 1927, 42: 326-9.—**Lunde, G.** Ein Inland-Kropfgebiet ohne Jodmangel. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Konf., 585-8.—**Maes, O., Boyce, F. F., & McFetridge, E. M.** Further observations on thyroid disease in a nonendemic area. Tr. South. Surg. Ass., 1936, 49: 60-76.—**Mayer, L.** L'extension mondiale de l'endémie goitreuse. Bruxelles méd., 1927, 7: 1461, 1494, 1557.—**Pfiffer, G.** Die geographische Verbreitung des endemischen Kropfes. Mschr. Kinderh., 1935, 63: 388.
- Geopathology: Africa.**
- Ali Pasha Ibrahim.** Endemic goitre in the Dakhla oasis of Egypt. J. Egypt. M. Ass., 1932, 15: 401-4.—**Angelini, G., & Scaffidi, V.** Segnalazione di endemia gozzigena nella regione dell'Enda Meconni (Tigrai meridionale). Pol. med., Nap., 1937, 23: 356-68, pl.—**Baudart, M.** Le goitre endémique dans la région de l'Ehola. Ann. Soc. belge méd. trop., 1939, 19: 129-42.—**Buttner, E. E.** Endemic goitre in the Langkloof valley. S. Afr. M. J., 1935, 9: 187-9.—**Calonne, R.** L'endémie goitreuse de la région de Sampwe, Katanga. Ann. Soc. belge méd. trop., 1939, 19: 143-55, pl.—**Cloître, J.** Note sur le goitre chez les indigènes des Hauts Plateaux de Madagascar et l'énucléation endocapsulaire. Bull. Soc. path. exot., Par., 1930, 23: 342-4, pl.—**Schotte, A.** Répartition géographique et particularités du goitre au Congo Belge. Ann. Soc. méd. Gand, 1931, n. ser., 10: 72-8. Also Rev. belge se. méd., 1931, 3: 281-7.—**Van Campenhaut, E.** Considérations sur le goitre au Congo Belge. Bull. Off. internat. hyg. pub., Par., 1934, 26: 1564-8.
- Geopathology: Asia [including Russia]**
- Arndt, H. J.** Der Kropf in Russland. 282p. 8°. Jena, 1931.
- Arndt, H. J.** Ueber die geographische Verbreitung des Kropfes in Russland. Endocrinology, 1929, 4: 176-92.—**Brzhozovsky, A. A.** [Endemic goiter in the northwest region of the Kulbyshev district and northeast region of the Orenburg district] Nov. khir. arkh., 1939, 44: 44-8.—**Chaudhri, J. R.** Goitre in Multan District. Ind. M. Gaz., 1929, 64: 492-5.—**Chōsa, N.** Untersuchung über endemische Struma in der Präfektur Shinchiku. Taiwan igakkaï zasshi, 1926, No. 259.—**Dragon, B.** [Spread and character of goiter in White Russia] Belaruss. med. dumka, 1927, 3: 46-56.—**Eerland, L. D.** [Goiter in Kediri (Java)] Geneesk. tscr. Ned. Ind., 1934, 74: 274-96.—**Kropf in Niederländisch Ostindien.** Verhber. Internat. Kropfkongf. (1933) 1935, 2. Konf., 469-81.—**Elsbach, L.** [Endemic struma in the Gajo-Loeas] Geneesk. tscr. Ned. Indië, 1936, 76: 3247-73.—**Frenkel, A. B.** [On endemic goiter

Genetics.

- DAVENPORT, C. B.** The genetical factor in endemic goiter. 56p. 8°. Wash., 1932.
- GROHMANN, H.** *Untersuchungen über die Frage der Kropfvererbung [Breslau] 21p. 22½cm. Würzb., 1937.
- HERHOLZ, G.** *Genotypische Faktoren bei Kropferkrankungen. 27p. 8°. Würzb., 1936.
- Aschner, B.** Bemerkungen zu K. H. Bauer's Untersuchungen über die Frage der erbkonstitutionellen Veranlagung zur Struma nodosa colloidosa. Beitr. klin. Chir., 1926, 137: 179-81 [Erwiderung von K. H. Bauer] 181-6.—**Bauer, K. H.** Untersuchungen über die Frage der erbkonstitutionellen Veranlagung zur Struma nodosa colloidosa. Ibid., 1925-26, 135: 512-68.—**Bing, J.** Die genotypisch bedingte sporadische Struma

in Dagestan] *Khirurgia*, Moskva, 1939, No. 5, 59-65.—**Golovani, G. A.** Endemic goiter in the Caucasus. *Tr. Am. Ass. Goiter*, 1938, 98.—**Gomelska, G. L.** [On the spreading of goiter in the Ukraine] *Radianska med.*, 1939, 4: No. 5-6, 97-103.—**Gulik, P. J. van** [Origin of goiter in the region of Lebong (Residence Benkoelen)] *Geneesk. tsschr. Ned. Indië*, 1936, 76: 541-4.—**Ikeya, S.** Ueber die endemische Struma im Gebiet von Jehol (Mandschurei) *Beitr. klin. Chir.*, 1938, 167: 441-6.—**Katsumata Katashi & Murakami Shigeji.** On the puberal goitre in a mountainous region of Central Japan. *Nagoya J. M. Sc.*, 1933, 7: 59-68.—**Kawaishi, K.** Endemic goiter in Japan. *Proc. Congr. Panpacific Surg. Ass.*, 1939, 85-88, 5 pl.—**Köhler, G.** Zur Verbreitung des Kropfes in Ostasien. *Münch. med. Wschr.*, 1926, 73: 781.—**Korovnikov, A.** Zur Charakteristik des endemischen Kretinismus im Pamir. *Wien. Arch. inn. Med.*, 1932, 22: 85-100.—**Kovalevich, M. D.** [Characteristics of goiter in the region of Kabardino-Balkaria] *Vest. khir.*, 1939, 57: 296-9.—**Kubo, H.** Ueber den endemischen Kropf in der Provinz Jehol. *Tr. Far East. Ass. Trop. M.*, 1934, 9: pt 2, 481-3.—**Lapidus, R.** [Goitre in White Russia] *Belaruss. med. misl*, 1924-25, 2: 4-6, 91-7.—**Levit, V. S.** [Endemic goiter in Russia] *Sovet. klin.*, 1932, 17: 279-98.—**McCarrison, R.** Observations on endemic cretinism in the Chitral and Gilgit valleys. *Proc. R. Soc. M., Lond.*, 1908-9, 2: Med. Sect., 1-36. Also *Ind. M. Gaz.*, 1908, 43: 441-9, pl. Also *Lancet*, Lond., 1908, 2: 1275-80.—**McClendon, J. F.** Iodine and goiter with special reference to the Far East. *J. Biol. Chem.*, 1933, 102: 91-9.—**Der Kropf in Japan.** *Münch. med. Wschr.*, 1935, 82: 901.—**Nikolaev, O. V.** [Sporadic and endemic goiter in certain central regions of RSFSR] *Probl. endocr.*, Moskva, 1940, 5: 122-42.—**Noosten, H. N.** [Endemic goiter in Bali (Dutch East Indies)] *Geneesk. tsschr. Ned. Indië*, 1935, 75: 1420-45.—**Pfister, C. R.** [Examination of thyroid gland in 6,412 Javanese] *Ibid.*, 1928, 68: 126-32.—[Endemic goitre in Battaks of Dutch East India] *Ibid.*, 634-65, 2 tab.—**Die Kropfendemie bei den Bataks auf Sumatra und ihre Genese.** *Schweiz. med. Wschr.*, 1928, 58: 1252-61.—**Pratusevich, B.** [Goitre spreading among students of Minsk] *Belaruss. med. dumka*, 1926, 2: 117-26.—**Schwarzmann, M. I.** [Goiter in children in Siberia] *Sovet. klin.*, 1931, 16: 85-101.—[The goiter in Russia] *Ibid.*, 1932, 17: 370-476.—**Scott, H.** The distribution and cause of endemic goiter in the United provinces, the naked eye and microscopic anatomy of goitre, with special reference to the endemic goitre of the United provinces. *Ind. J. M. Res.*, 1932, 20: 139, 2 pl.—**Shipachev, V. G.** [Problem of goiter in the Baikal region, Irkutsk, Selenga (Siberia)] *Vest. khir.*, 1930, 20: 31-43.—**Smirnov, A. I., & Sukhov, E. N.** [Problem of goiter in Balkaria (Northern Caucasus)] *Klin. med.*, Moskva, 1929, 7: 880-5.—**Stott, H., Bhatia, B. B.** [et al.] The distribution and cause of endemic goitre in the United Provinces. *Ind. J. M. Res.*, 1931, 18: 1059-85, 8 maps, pl.—**Takei, U., Koh [et al.]** Ueber die klinische Beobachtung bei den endemischen Kropfkranken in Jehol. *J. Orient. M., Dairen*, 1935, 23: 57.—**Uchiki, S.** Zur Anatomie und Klinik von Kropfen im Nordosten Japans. *Mitt. allg. Path.*, Sendai, 1933-34, 8: 195-220, 3 pl.

Geopathology: Australia and New Zealand.

SHORE, R. A., & ANDREW, R. L. Goitre in school children; the incidence of goitre in school-children in relation to the amount of iodine in soil and water in certain Districts of the North Island of New Zealand. 67p. 8°. Wellington, 1929.

Fitchett, F., Hercus, C. E., & Bell, F. G. Goitre in Otago. *Australas. N. Zealand J. Surg.*, 1934, 3: 318-51.—**Goitre in New Zealand.** *Brit. M. J.*, 1935, 1: 115.—**Hercus, C. E.** The incidence, aetiology and prevention of goitre in New Zealand. *Med. J. Australia*, 1927, 2: Suppl., 12-20.—**— & Purves, H. D.** Goitre in New Zealand. *N. Zealand M. J.*, 1936, 35: 83-100.—**Jones, D. W. C.** New Zealand views on goitre. *Proc. R. Soc. M., Lond.*, 1927-28, 21: Sect. Med., 59-72.—**McCredy, R. J.** Endemic goitre in certain parts of Auckland. *N. Zealand M. J.*, 1925-26, 24: 297-300, ch.—**Sutton, H.** Thyroid enlargement in Australia: incidence, aetiology and prevention. *Med. J. Australia*, 1927, 2: Suppl., 20-3.

Geopathology: Europe.

FROM, A. *L'étiologie et la prophylaxie du goitre endémique en Roumanie. 42p. 8°. Par., 1937.

Adelheim, R. [Goiter in children in Latvia] *Latv. arstu Z.*, 1928, 91-104.—**Bax, H. R.** [Struma and thyrotoxicosis in the Netherlands 1930-38] *Geneesk. bl.*, 1938-39, 36: 379-412.—**Bérard, L., & Dunet, C.** Rapport sur l'étiologie et l'épidémiologie du goitre endémique en France. *Bruxelles méd.*, 1926-27, 7: 1520-32.—**—** Aetiology and epidemiology of endemic struma, report on the aetiology and epidemiology of endemic goiter in France. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 256-79.—**Campbell, J. M. H.** The geographical distribution of goitre in school children (England and Wales) *J. Hyg., Cambr.*, 1927-28, 26: 1-18.—**Casimiro, F. C.** El bocio en las Guillerfas y en Collasacabra. *Ars medica, Barcel.*, 1934, 10: 540-64, 22 pl.—**Chodzko, W., & Tubiasz, S.** [Endemic goiter in Poland] *Med. dōsw.*, 1934, 18: 410-33.—**Christensen, O.**

Sechs gleichzeitige Fälle von Kretinismus im selben Landstädtchen in Süd-Seeland. *Acta med. scand.*, 1926, 64: 113-22.—**Ciechanowski, S.** [Characteristics of endemic goiter in Poland] *Polska gaz. lek.*, 1934, 13: 137, 158, 178.—**Dalsgaard-Nielsen, T.** [Endemic struma in Denmark] *Ugeskr. læger*, 1933, 95: 1067-9.—**Danielopolu, D.** Recherches sur le goitre endémique (endémie thyroïdienne) en Roumanie. *Bull. Off. internat. hyg. pub.*, Par., 1935, 27: 706-35, 8 pl. Also *Gaz. hóp.*, 1935, 108: 1741-6.—**— & Nicolaie, D.** Recherches sur l'endémie thyroïdienne en Roumanie. *Bull. Off. internat. hyg. pub.*, Par., 1936, 28: 288-95.—**Davies, I. J., & Rogers, L.** Goitre in South Wales. *Brit. M. J.*, 1940, 1: 764.—**Devold, O., Batt, F.** [et al.] [Investigations on goiter in Modum (Norway)] *Norsk. mag. lægevid.*, 1937, 98: 899-935.—**Draper Alfarras, J.** Contribución al estudio del bocio, el bocio en el Montseny. *Rev. méd. Barcelona*, 1929, 11: 512-45.—**Engel.** Hyperthyroïdismes endémiques en Alsace. *Otorhinol. internat.*, Lyon, 1935, 19: 31-5.—**Goyanes, J.** Sobre un foco de bocio y cretinismo endémicos en los valles altos del Tormes y del Alberche (provincia de Avila) *Siglo méd.*, 1918, 65: 2, 43, 85, 162, 183.—**Hojer, J. A.** Untersuchungen über den endemischen Kropf in Schweden. *Zschr. Hyg.*, 1929, 110: 239-55. Also *Hygiea, Stockh.*, 1931, 93: 577-601. Also *Sven. læk. säll. hand.*, 1931, 57: 1-104.—**Jitta, N. M. J.** Le goitre dans les Pays-Bas. *Bull. Off. internat. hyg. pub.*, Par., 1933, 25: 458-65.—**Klíma, J.** [Spread of struma in Tchechoslovakia] *Cas. lék. česk.*, 1934, 73: 141-3.—**Labbé, M.** Etude sur le goitre sporadique en France. *Progr. méd.*, Par., 648-52.—**Lanz, O.** [Goitre in the Netherlands] *Ned. tsschr. geneesk.*, 1927, 71: pt 2, 1504-18.—**Lushüg, J.** [Goiter in Bodan (Hungary)] *Orv. hetil.*, 1930, 74: 508-12.—**Mac-Auliffe, L.** Goitre, crétinisme et myxœdème dans les Hautes-Vosges. *Bull. Acad. méd.*, Par., 1916, 3, ser., 75: 127-9.—**Marañón, C.** El bocio en España y sus condiciones patogénicas. *Arch. med.*, Madrid, 1927, 27: 521. Also *Med. ibera*, 1927, 21: pt 2, 365, passim. Also *Siglo méd.*, 1927, 74: pt 2, 526, passim.—**—** The present state of the problem of endemic goiter in Spain. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 361-74.—**Naughten, M., & Shee, J. C.** Endemic goitre incidence in County Tipperary. *Irish J. M. Sc.*, 1939, ser. 6, 164-8.—**Olesen, R., & Neal, P. A.** A note on the incidence of endemic goitre in Northern Ireland. *Med. Off.*, Lond., 1930, 44: 271. Also *Pub. Health Rep.*, Wash., 1930, 45: 2669-72.—**Pflüger, H.** Die geographische Verbreitung des Kropfes in Europa. *Deut. Arch. klin. Med.*, 1937, 180: 212-32.—**Pizarro y López, M.** Algunas observaciones acerca del bocio en las Hurdes. *Siglo méd.*, 1929, 83: 347-50.—**Revillet, L.** Le myxœdème endémique dans les Alpes dauphinoises, ses causes expliquées par sa disparition, son traitement prophylactique et curatif. *Province méd.*, 1911, 22: 471-3.—**Rochaix, A.** Le goitre endémique en France. *Rev. hyg.*, Par., 1938, 60: 401-11.—**Selzer, A.** [Goiter in the city of Lwów and its suburbs] *Polska gaz. lek.*, 1935, 14: 401; 1936, 15: 337.—**Simitch, T. V.** Le goitre en Yougoslavie. *Bull. Off. internat. hyg. pub.*, Par., 1933, 25: 1956-60, map.—**Straub, J.** [Endemic goiter near Miskole (Hungary)] *Népegészégügy*, 1939, 20: 841-51.—**Tomanek, E.** [Cretinism and struma on the Zitny Island (Slovakia)] *Bratisl. lek. listy*, 1935, 15: 128-48.—**Tubiasz, S.** Le goitre endémique en Pologne. *Bull. Off. internat. hyg. pub.*, Par., 1933, 25: 466-70, map.—**Turton, P. H. J.** The distribution of simple goiter in Derbyshire. *Proc. R. Soc. M., Lond.*, 1933, 26: sect. epid., 1223-66.—**—** Observations on endemic goitre, with special reference to Heanor, Derbyshire. *J. R. San. Inst., Lond.*, 1925-26, 46: 569-74.—**Ucke, A.** Zum Vorkommen des Kropfes in Estland. *Beitr. path. Anat.*, 1933, 92: 253-61.—**Wyrobek, E.** Morphologische Charakteristik des endemischen Kropfes in Krakau und Umgebung. *Bull. internat. Acad. polon. sc., cl. méd.*, 1933, 425-43. Also *Med. dōsw.*, 1934, 19: 1-22.

Geopathology: Europe—Germany and Switzerland.

BURDZIK, G. *Kropfstudie über einige Dörfer in der Umgebung von Neurode i. Eulengebirge. 47p. 8°. Bresl., 1938.

DANNER, H. *Statistische Erhebungen über den Kropf und seine geographische Verbreitung im südlichen Schwarzwald und in der angrenzenden Rheinebene. 29p. 8°. Freib. i. B., 1935.

HÄSSLER, G. *Vorkommen und Art von Kropferkrankungen im nordöstlichen Harzvorland (nach Beobachtungen von Quedlinburg aus) sowie örtliche Faktoren, die für deren Aetiology geltend gemacht werden können. 26p. 8°. Halle (Saale) 1935.

LEWIN, G. F. J. *Statistische Erhebungen über die Verbreitung des Kropfes in Ostpreussen; auf Grund von Untersuchungen an Königsberger Schulkindern. 23p. 8°. Königsb., 1928.

NUSSBAUM, H. *Ueber die Häufigkeit des Kropfes in Berlin; statistische Aufstellung nach dem Sektionsmaterial von 1930 rückwärts an 1000 Fällen des Pathologischen Instituts des

Charité-Krankenhaus. 56p. 8°. Berl., 1934.
ORATOR, V., & SCHLEUSSING, H. Schilddrüse und Kropf am Niederrhein. 118p. 8°. Jena, 1931.

RISCH, W. *Ueber das Schilddrüsengewicht in der Schweiz; ein Beitrag zur Endemiologie der Struma [Zürich] 39p. 24cm. Wien, 1939.
Also Wien. Arch. inn. Med., 1939, 33:

WILLER, H. Ueber die Ausbreitung und Anatomie der unterfränkischen Struma (unter Berücksichtigung des Kretinismus) 76p. 8°. Jena, 1930.

BACH, F. W., & MÜLLER, H. Ueber die Verbreitung des sogenannten endemischen Kropfes unter der fortbildungspflichtigen Jugend in Bonn 1926. Deut. med. Wschr., 1927, 53: 104-6.—BAUMGARTNER, W. Der Kropf in Tirol. Beitr. klin. Chir., 1939, 169: 573-623.—DIETERLE, T., & EUGSTER, J. Ueber den Verlauf der Kropfendemie in einigen Schweizer Dörfern nach 20 Jahren. Arch. Hyg., Münch., 1933, 111: 136-87, 10 pl.—FELDMANN, E. Endemic goiter in the North German lowlands. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 79-82.—FISCHER, H. Schilddrüsenbeschaffenheit der Düsseldorf Volksschuljüng. Arch. sozial. Hyg., 1929, n. F., 4: 8-11.—GÖPPEL, W. Untersuchung der näheren Verwandtschaft von Allgäuer Reichsbahnangestellten auf Psychosenhäufigkeit und Kropfbefallenheit (gleichzeitig ein Beitrag zur Belastungsstatistik der Durchschnittsbevölkerung) Zschr. ges. Neur. Psychiat., 1928, 113: 445-78.—GÖTZL, A. Weitere Bemerkungen zur Frage der Schilddrüsenvergrößerung in Wien. Wien. med. Wschr., 1930, 80: 1688-90.—HAUKE, H. Ueber den Kropf in Schlesien. Klin. Wschr., 1927, 6: 136. Also Med. Klin., Berl., 1927, 23: 75. Also Mitt. Grenzgeb. Med. Chir., 1926-27, 40: 327-58.—HEIMANN, F., ISRAELSKI, E., & SIMSON, J. Ueber das Vorkommen von Kropfen bei Schulkindern im IV. Berliner Verwaltungsbezirk. Zschr. Kinderh., 1931, 51: 195-201.—HELLY, K. Der Kropf in der Nordostschweiz. Schweiz. med. Wschr., 1935, 65: 203.—HERFARTH, H. Die Kropffrage im Hinblick auf den Kropf in Schlesien. Beitr. klin. Chir., 1925, 134: 364-79.—KIRMSE, M. Der Kretinismus in Salzburg und Gotthard Guggenmoos, der erste Schwachsinnigkeitspädagog. Eos, Wien, 1907, 3: 178-213.—KLAPP, R., ARNDT, H. J., & MONDRY, F. Ueber den Kropf in Hessen. Deut. Zschr. Chir., 1931, 234: 350-406.—KLEIN, F. Aetiologische Feststellungen über das Vorkommen der grossen Schilddrüse in einem ländlichen Kreise des Münsterlandes. Off. Gesundheitsdienst, 1936-37, 2: A, 868-72.—KLOTZ, M. Ueber den Kropf in der norddeutschen Tiefebene. Zschr. Schulgesundhpfl., 1929, 42: 436.—LIEK, E. Ueber die Häufigkeit der grossen Schilddrüse in der norddeutschen Tiefebene. Deut. med. Wschr., 1925, 51: 1779. — Neue Forschungen über den Kropf der Norddeutschen Tiefebene. Zschr. wiss. Bäderk., 1928-29, 3: 207-20.—LIND, S. C. Goiter in Switzerland. Bull. Acad. M. Cleveland, 1934, 18: No. 7, 7-15.—MARMANN, H. Die Ausbreitung des Kropfes unter den Schulkindern in Preussen, auf Grund der Berichte der Regierungspräsidenten. Veröff. Medverwalt., 1929, 30: 313-43, map.—NICOD, J. L. Contribution à l'étude de l'évolution de l'endémie goitreuse dans le canton de Vaud. Rev. méd. Suisse rom., 1940, 60: 591-8.—ORATOR, V., & WALCHSHOFER, E. Ueber Jugendenschilddrüse und Kropf in Steiermark. Deut. Zschr. Chir., 1927, 201: 301-19.—OSWALD, A., & RISCH, W. Ueber das Gewicht der Schilddrüse in der Schweiz (ein Beitrag zur Endemiologie der Struma). Münch. med. Wschr., 1939, 86: 996.—SNAALMAN, D. Der Kropf im Kreise Kosel. Zschr. Medbeamte, 1925, 38: 638-43.—STINER, O. On the diffusion of endemic goiter in Switzerland. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 375-93, 2 maps.—WEGELIN, C. Endemie goitre, especially in Switzerland. J. State M., Lond., 1929, 37: 480-5.—WILLER, H. Ueber die Ausbreitung des Kropfes in Unterfranken. Verh. Phys. med. Ges. Würzburg, 1930, n. F., 55: 70-82.—WOLF, G. Untersuchung der näheren Verwandtschaft von Allgäuer Kropfoperierten auf Psychosenhäufigkeit und Kropfbefallenheit, gleichzeitig ein Beitrag zur Belastungsstatistik der Durchschnittsbevölkerung. Zschr. ges. Neur. Psychiat., 1928, 117: 728-52.

Geopathology: Europe-Italy.

AMBROSI, V. Il gozzo cretinismo endemico in Lucania e nell'Appennino modenese. Rass. internaz. clin. ter., 1937, 18: 839-42.—BAGNASCO, S. Il gozzismo in Provincia di Genova. Gior. psichiat., 1935, 63: 193-227.—BERNARDI, R. Cretinismo endemico nelle Provincie di Trento e Bolzano. Riv. neur., Nap., 1932, 5: 487-98.—BUSINCO, L. Indagini preliminari sopra un focolaio di gozzismo nell'Appennino modenese. Boll. Soc. ital. biol. sper., 1936, 11: 341.—CASTALDI, L. Tiroide e gozzismo in Sardegna. Atti Soc. sc. med. natur. Cagliari, 1934, 36: 167-92. — Il gozzismo nei suoi riflessi demografici. Rass. internaz. clin. ter., 1939, 20: 375-87.—COPPOLA, A. Osservazioni sui focolai d'endemia gozzo-cretinica in Sicilia. Riv. pat. nerv., 1930, 35: No. 1, 232-44.—CORDA, D. Osservazioni sulla frequenza e sulle manifestazioni del gozzismo frusto o conclamato su 5.000 alunni delle scuole elementari di Cagliari. Clin. pediat., Mod., 1935, 17: 725, 787.—FANELLI, G. Il gozzo

nella mia condotta. Gazz. osp., 1929, 50: 371-3.—FIAMBERTI, A. M. Lo stato attuale dell'endemia gozzo-cretinica in Valtellina. Rass. stud. psichiat., 1934, 23: 866-95.—FOJANINI, G. Rilievi statistico-morfologici sulla tiroide normale e considerazioni sul gozzismo nel circondario di Milano. Arch. ital. anat. pat., 1935, 6: suppl., 513-31.—GATTO, P. Il gozzismo nella Val Vobbia (Genova). Ann. Osp. psichiat., Perugia, 1932, 26: 25-33.—LUTRARIO, A. Une enquête sur le goitre en Italie. Bull. Off. internat. hyg. pub., Par., 1934, 26: 1569-99.—MARCHESA, A. Considerazioni e rilievi sulle ipertrofie della tiroide nella Provincia di Imperia. Verh. Internat. Kropfkonf. (1933) 1935, 2. Konf., 545-7.—MARTINENGO, V. Il gozzismo nella Provincia di Cuneo. Difesa sociale, 1933, 12: 591-9, map.—MUCCI, A. Il problema del gozzismo nella provincia di Modena. Arch. ital. sc. med. col., 1934, 15: 285-97.—MUGGIA, G. L'endemia gozzo-cretinica tende in Italia ad attenuarsi spontaneamente? Difesa sociale, 1927, 6: 249-52. — L'endemia strumosa nelle province di Bergamo, Brescia, Como. Gior. psichiat., 1930, 58: 51-64. — Le condizioni della tiroide negli alunni delle scuole elementari delle province di Brescia, Bergamo, Como, Varese. Rass. stud. psichiat., 1931, 20: 959-1040, map.—NAPPI, P. Il gozzo endemico sulle colline palmeri. Rass. clin. ter., 1928, 27: 470-6.—OTTONELLO, P. L'endemia gozzigena in Sardegna. Igiene mod., 1925, 18: 216-9. — Studio clinico-ambientale di un focolaio di gozzo endemico in Sardegna. Rass. stud. psichiat., 1925, 14: 403-41, 2 pl. — Nuove indagini sulla distribuzione della endemia gozzigena in Sardegna. Riv. pat. nerv., 1927, 32: 13-32, 3 pl.—PIGHINI, G., & NIZZI, F. Il gozzo endemico nella provincia di Reggio-Emilia. Riv. sper. freniat., 1924, 48: 465-88, map.—PRIGIONE, F., & VIDONI, G. Inchiesta sul gozzismo nella provincia di Genova. Q. psichiat., Genova, 1926, 13: 121-40.—PUTZU, F. Il gozzo in Sardegna. Arch. ital. chir., 1928, 20: 199-241.—RIQUIER, G. C. Un focolaio di gozzo-cretinismo individuato in Sardegna. Terapia, Milano, 1926, 16: 332-5.—RUGGERI, R. Il gozzo endemico nelle scuole di Val Trompia (contributo allo studio del gozzo endemico). Med. ital., 1932, 13: 205-8.—SAMGIORGI, G. A proposito di un'inchiesta sul cretinismo endemico in Piemonte. Difesa sociale, 1924, 3: 60-4.—TRIKURAKIS, G. A. L'andamento del gozzismo in provincia d'Aosta e rapporti tra tireomegalia scolastica e gozzismo nelle reclute. Arch. sc. med., Tor., 1939, 67: 649-700, 4 maps, 2 ch.

Geopathology: Latin America.

BAETA VIANNA, J. Bocio endemico em Minas Geraes. Brasil med., 1935, 49: 1067-76.—BALDA, G. El bocio en la Montaña de Navarra. Rev. españ. med. cir., 1934, 17: 374-81.—BERGMANN, G. Bocio endémico benigno en los menores de la ciudad de Córdoba. Reun. Soc. argent. pat. region. (1929) 1930, 5. meet., 2: 862-7.—CARRILLO, D. F. El bocio endémico en las provincias del norte, provincia de Jujuy. Bol. san., B. Air., 1938, 2: No. 9, 696-701.—DÁVILA CELIS, E. El hipotiroidismo endémico en el distrito Rivas Dávila del estado Mérida: contribución al estudio de sus formas clínicas. Bol. Min. san., Caracas, 1937-38, 2: 1039-41.—DUARTE NUNES, A. Do bocio endémico no Paraná. Rev. med. mil., Rio, 1938, 27: 260-71.—HERRERA, J. R. Estudio sobre el bocio endémico en Guatemala. Bol. san. Guatemala, 1939, 10: No. 47, 232-74.—LOBO, M. M. El bocio endémico en las provincias del norte, provincia de Tucumán. Bol. san., B. Air., 1938, 2: No. 9, 673-94, map, 4 tab.—MAZZA, S., TRELLES, R., & FRIAS, D. Notas para el estudio del bocio en los departamentos de Périco del Carmen y Périco de San Antonio, Jujuy. Reun. Soc. argent. pat. region. (1929) 1930, 5. meet., 2: 842-57.—MONGE, C. Síndromes basedowianos y cretinismo observados en el bocio endémico en la Hoya del Uruamba. Crón. méd., Lima, 1921, 38: 3-11.—OCAMPO, E. El bocio endémico en las provincias del norte, provincia de la Rioja. Bol. san., B. Air., 1938, 2: No. 9, 702-5.—OSIO, D., & ORIAS, L. Historia, epidemiología y clínica de la endemia bociosa en Bolivia. Día méd., B. Air., 1932-33, 5: 13-6.—OUTES, J. D. El bocio endémico en las provincias del norte, provincia de Salta. Bol. san., B. Air., 1938, 2: No. 9, 706-8.

Geopathology: United States, Canada, and the Philippines.

ABBOTT, A. C. Simple goitre, the incidence of thyroid enlargement in Winnipeg school children. Canad. M. Ass. J., 1932, 27: 146-8.—ADOLPH, W. H., & PROCHASKA, F. J. An iodine survey of Nebraska. J. Am. M. Ass., 1929, 92: 2158-60.—ALLEY, J. S. Goiter in Utah. Chicago M. Rec., 1925, 47: 301-4.—BEARD, J. H. The prevalence of goiter in Illinois. Illinois M. J., 1925, 48: 306-11.—BINNING, G. The incidence of goitre amongst Saskatoon school children, 1934. Canad. M. Ass. J., 1935, 32: 533-40. — A study of goitre in Saskatoon, 1938. Canad. Pub. Health J., 1939, 30: 393-9.—COHEN, F. Goiter in children in New York City, thyroid survey of 11,084 school girls and 783 school boys. Am. J. Dis. Child., 1926, 31: 676-92.—DAVISON, T. C., & POER, D. H. Goiter in Georgia, a statistical study of 542 cases. West. J. Surg., 1936, 44: 587-600. Also repr.—DOERING, C. R., LOMBARD, H. L., & MOORE, F. Endemic goiter in Massachusetts. N. England M. J., 1928, 199: 143-5.—HAMILTON, T. G., & McRAE, D. F. Some studies on the incidence of goitre among school children in Manitoba. Canad. M. Ass. J., 1925, 15: 1017-21.—INGERSOLL, L. M. Endemic goitre in its relation to North Caro-

lina, South. M. & S., 1929, 91: 689-94.—Jaffe, R. H. The variation in weight of the thyroid gland and the frequency of its abnormal enlargement in the region of Chicago. Arch. Path., Chic., 1930, 10: 887-94. Also repr.—Johnson, W. O. Endemic goiter in Louisville and Jefferson County Schools, with evidence of family history, defective teeth, tonsils, chest expansion, and use of iodized salt. Am. J. Pub. Health, 1929, 19: 1090-7.—Jones, R. O. Another goiter region. North Carolina M. J., 1940, 1: 556.—Josen, T. Simple goiter in Peñaranda and Papaya, Nueva Ecija, P. I. Rev. filip. med., 1926, 17: 172-80.—Lisser, H., Shepardson, H. C., & Miller, R. K. A goiter survey of the high school students of Contra Costa County, California. California West. M., 1929, 31: 33-8.—López-Rizal, L., & Padua, R. G. A few notes on simple goiter in certain parts of the Philippines. J. Philippine Islands M. Ass., 1926, 6: 113-21.—Maes, U., Boyce, F. F., & McFetridge, E. M. Thyroid disease in a non-endemic area. Tr. South. Surg. Ass., 1934, 46: 42-67. Also repr.—Mahorner, H., & Barrow, W. Goiter in the deep South. Tr. Am. Ass. Goiter, 1939, 297-305.—Olesen, R. Distribution of endemic goiter in the United States as shown by thyroid surveys. Pub. Health Rep., Wash., 1926, 41: 2691-703. —Endemic goiter in Oregon. Ibid., 1927, 42: 2831-49. —A resurvey of endemic thyroid enlargement in Cincinnati. Ibid., 1928, 43: 113-21. —Distribution of endemic goiter in the United States as shown by thyroid surveys. Ibid., 1929, 44: 1463-87. —Endemic goiter in Tennessee. Ibid., 1935-97. —Taylor, N. E. Endemic thyroid enlargement in Massachusetts. Ibid., 1927, 42: 804-16.—Reichle, H. S. Goitre incidence in New Jersey school children. Arch. Pediat., N. Y., 1926, 43: 329-33.—Reyes, C. Goiter and tumors of the thyroid among Filipinos. J. Philippine Islands M. Ass., 1928, 8: 155-69.—Rice, C. O. A comparison of the goiters from the State of Minnesota with those from the Canton of Bern, Switzerland. West. J. Surg., 1932, 40: 506-9.—Richards, R. Utah goiter survey, including examination of 110,000 children. Am. J. Surg., 1929, n. ser., 7: 44-7. Also repr.—Rose, E., & Frazier, C. H. Goiter in the Philadelphia district. Tr. Coll. Physicians Philadelphia, 1930, 52: 12-8.—Searls, H. H., & Sharp, P. Endemic goiter in California, its distribution. California West. M., 1929, 30: 231-3.—Stoddard, C. H. Will cretinism become endemic in Wisconsin? Wisconsin M. J., 1933, 32: 389-97.—Takáts, G., & Grey, D. A goiter survey at Northwestern University. J. Am. M. Ass., 1928, 90: 1008-10.—Youmans, J. B. The incidence of goiter among adults in Nashville, Tennessee, possible influence of dietary and hygienic factors. South. M. J., 1929, 22: 966-72.

Hematology.

FECHER, C. *Ueber blasses Aussehen und rotes Blutbild bei Kropfträgern. 34p. 8°. Würzb., 1926.

Gamov, M. I. [Red and white blood cells in goiter in the Baikal region] Vest. khir., 1930, 20: 44-52. Also Schweiz. med. Wschr., 1932, 62: 757-62.—Jackson, A. S. The blood picture in 600 cases of goiter, especial reference to the effect of iodine and thyroidectomy. J. Am. M. Ass., 1931, 97: 1954-6. Also repr.—Scherman, S. I. [Erythropoiesis in endemic goiter] Sovet. klin., 1931, 16: 102-9. Also Virchows Arch., 1932-33, 287: 363-72.

History.

CHAMPAULT, J. *Les conceptions sur le goitre et le crétinisme de 1850 à 1910. 96p. 8°. Par., 1935.

Bouman, H. A. H. The goiter problem and Theodor Kocher, an historical study. J. Lancet, 1930, 50: 25-35.—Breitner, B. Theodor Billroth's Stellung zum Problem der pathologischen Physiologie des Kropfes. Wien. klin. Wschr., 1929, 42: 475. —Zur Geschichte des Jodproblems. Wien. med. Wschr., 1932, 82: 75-8. —Fünfundzwanzig Jahre Arbeitshypothese. Ibid., 1938, 88: 7-10.—Burkhard Reber. Coincidence of iodine chez les goitreux. Aesculape, Par., 1929, n. ser., 19: 101-4.—Copenhaver, N. H. Peaks and pioneers in the history of the thyroid. Rhode Island M. J., 1938, 21: 180-2.—Fontana Zanco, F. Una lettera inedita di Vincenzo Malacarne sul gozzismo. Riv. stor. sc. med., 1933, 21: suppl., 82-8, pl.—Gérard, F. Un portrait d'hyperthyroïdienne La Pasta, par François Gérard. Aesculape, Par., 1936, 26: 206.—Howard, R. M. Epochs in the study of goiter. West. J. Surg., 1934, 42: 479-88.—Hunziker-Kramer, H. Ueber die Darstellung von Strumen in Malerei, Graphik und Plastik des beginnenden 16. Jahrhunderts. Schweiz. med. Wschr., 1935, 65: 13-7.—Iff, W. Die Entwicklung der Kropfbehandlung. Janus, Leiden, 1938, 42: 69-88.—Leersum, E. C. van. Contribution to the history of the simple enlargement of the thyroid gland. Ibid., 1925, 29: 282-9, 8 pl. —[Contribution to the history of benign tumors of the thyroid gland] Ned. tscr. geneesk., 1925, 69: pt. 2, 620-32.—Milt, B. Beitrag zum Problem der Kropfkrankheit im 16. Jahrhundert. Schweiz. med. Wschr., 1931, 61: 280.—Podach, E. F. Historische zur Jodmangeltheorie des Kropfes. Ibid., 1940, 70: 794.—Summons, W. Goitre in Gippsland. Med. J. Australia, 1927, 2: Suppl., 59-61.

— intrathoracic [retromediastinal; substernal]

Koop, H. *Die Behandlung des intrathorakalen Kropfes und ihre Gefahren [Würzburg! 23p. 8°. Ochsenfurt, 1932.

LEMONNIER, E. *La thérapeutique chirurgicale des goitres intrathoraciques bénins. 84p. 8°. Par., 1926.

LEMONNIER, R. L. *Contribution à l'étude du diagnostic différentiel des goitres thoraciques et des affections pulmonaires en particulier la tuberculose apicale. 65p. 8°. Par., 1934.

ROUSSEAU, G. A. *Etude du goitre à évolution thoracique [Paris] 117p. 8°. Blois, 1936.

Aleman, O. Two cases of anterior mediastinotomy for struma intra thorax. Acta chir. scand., 1926, 60: 135-42.—Bárony, T., & Wald B. Substernale Struma oder supraaortaler Mittelschatten? Fortsch. Röntgenstrahl., 1935, 52: 491-6.—Bedford, E. A case of intrathoracic goitre. Tr. M. Soc. London, 1934, 57: 24. —Specimen of intrathoracic goitre from a case shown at clinical meeting. Ibid., 132.—Bérard, A. propos des goitres endothoraciques. Lyon chir., 1931, 28: 753-7. —Volumineux goitre intra-thoracique migrateur. Ibid., 1932, 29: 375.—Bevan, A. D. Two cases of mediastinal tumor which proved to be substernal thyroid enlargements. Surg. Clin. N. America, 1921, 1: 957-64.—Buch, A. [Case of intrathoracic goiter with recurrent respiratory interference during several pregnancies] Hospitalstidende, 1929, 72: 1058-62.—Cattell, R. B. The position of the trachea following the operative removal of substernal goiter. Surg. Clin. N. America, 1932, 12: 805-11.—Clairmont, P. Ueber die Struma endothoracica. Münch. med. Wschr., 1933, 80: 643-5.—Clute, H. M. Diagnosis of substernal goiter. Surg. Clin. N. America, 1929, 9: 1309-18.—Curtis, G. M. Intrathoracic goiter. Surg. Clin. N. America, 1930, 10: 313-23. Also J. Am. M. Ass., 1931, 96: 737-41. Also repr.—Davidson, M. Intrathoracic goitre Postgrad. M. J., Lond., 1932, 8: 254-6.—Denneen, E. V. Mediastinotomy for substernal goiter. Ann. Surg., 1936, 103: 135.—Divis, J. [Operative treatment of mediastinal goiter] Cas. lek. česk., 1936, 75: 1313-6, 2 pl.—Edeiken, J., & Rose, E. Relief of angiod pain following removal of intrathoracic non-toxic nodular goiter. Am. J. M. Sc., 1938, 196: 395-400, pl.—Elansky, N. N. [Case of intrathoracic struma] Vest. khir., 1933, 30: 280-3.—Esau, P. Retrosternale Strumen. Zbl. Chir., 1931, 58: 2963-7.—Finocchio, R., & Dickmann, G. H. Boeios intratorácicos, conducta quirúrgica con la cavidad resultante de su extirpación. Sem. méd., B. Air., 1938, 45: 756-8.—Furber, T. M. Local anaesthesia for retrosternal goitre. Med. J. Australia, 1933, 2: 998.—Georgescu, G., & Suchar, A. [Case of endo-thoracic goiter with grave asphyxia] Spitalul, 1930, 50: 354-6.—Haberer, H. von. Struma retro-mediastinalis. Zbl. Chir., 1938, 65: 906-10.—Hendrick, J. W. The management of intrathoracic goiter. Southwest. M., 1936, 20: 367-71.—Hernández, R. V. Bocio intratorácico. Bol. Soc. cir. B. Aires, 1937, 21: 585-91.—Heuer, G. J. Intrathoracic goiter. Proc. Interst. Postgrad. M. Ass. N. America (1927) 1928, 3: 277-85.—Heyd, C. G. Intra-thoracic goiter. Ibid., 1936, 192-5.—Hicken, N. F. Recognition and management of intrathoracic goiters. Nebraska M. J., 1936, 21: 41-8.—Higgins, C. C. Intrathoracic goiter. Arch. Surg., 1927, 15: 895-912.—Hunt, C. J. Intrathoracic goiter, case report. West. J. Surg., 1934, 42: 529-35. —The diagnosis and management of partial and total intrathoracic goiter. Tr. West. Surg. Ass. (1939) 1940, 49: 465-76. —& Hunt, P. F. Technical problems in the surgical management of large cervical and intrathoracic goiter. Kansas City M. J., 1940, 16: No. 5, 18-22. Also West. J. Surg., 1940, 48: 524-8.—Ivanisovich, O., Ferrari, R. C., & Rivas, C. I. Un signo de certeza para el diagnóstico de los bocios sumergidos. Bol. Soc. cir. B. Aires, 1939, 23: 281-3.—Joll, C. Intrathoracic goitre, case. Proc. R. Soc. M., Lond., 1938-39, 32: Clin. Sect., 74.—Joyce, T. M. Incidence of substernal and intrathoracic goiters. Arch. Surg., 1940, 41: 364-9.—Kaplan, I. I., & Rubenfeld, S. Irradiation as an adjunct to surgery in substernal thyroid, response of a recurrent fetal adenoma. N. York State J. M., 1939, 39: 1795-7.—Kayne, G. G. Retro-sternal goitre and amyotrophic lateral sclerosis. Proc. R. Soc. M., Lond., 1933, 26: 524.—Kent, G. B., & Sawyer, K. C. The surgery of intrathoracic goiter. Colorado M., 1937, 34: 86-91.—King, B. T. Intrathoracic goiter. Northwest M., 1925, 24: 619-22.—Kirshbaum, J. D., & Rosenblum, A. H. Suppurative intrathoracic thyroiditis, report of a case. Arch. Surg., 1938, 36: 867-73.—Lahey, F. H. Substernal goiter. J. Am. M. Ass., 1926, 82: 1282-7. —The surgical management of intrathoracic goiter. Surg. Gyn. Obst., 1931, 53: 346-54. —Intrathoracic goiter. Proc. Interst. Postgrad. M. Ass. N. America, 1933, 243-6. Also Surg. Clin. N. America, 1936, 16: 1613-29. Also Lahey Clin. Bull., 1938-39, 1: No. 3, 2-7. Also J. Am. M. Ass., 1939, 113: 1098-105. Also repr.—& Swinton, N. W. Intrathoracic goiter. Surg. Gyn. Obst., 1934, 59: 627-37. Also repr.—Lemonnier. Un cas de goitre intrathoracique bénin. Bull. Soc. nat. chir., Par., 1933, 59: 925-7.—McKnight, R. B. Intrathoracic goiter. South. M. & S., 1934, 96: 519-21.—

- Maclean, N. J. Intra-thoracic goiter. Minnesota M., 1928, 11: 286-91.—Martens, M. Ueber Erkennung und Behandlung intrathoracischer Strumen. Ther. Gegenwart, 1929, 70: 539-41.—Matthews, A. A. Intrathoracic thyroid. Med. Sentinel, 1927, 35: 149.—Matti, H. Zur Systematik und Operation der Struma intrathoracica. Schweiz. med. Wschr., 1927, 57: 852-4.—Mátyás, M. Fall von Struma intrathoracalis aberrans, einen intrapulmonalen Tumor von seltener Lokalisation vortäuschend. Zbl. Chir., 1934, 61: 1219-23.—Merke, F. Struma mediastinalis. Schweiz. med. Wschr., 1931, 61: 1197, 2 pl.—Miller, R. B. Large intrathoracic thyroid, case report. Am. J. Roentg., 1938, 40: 66-8.—Møller Sørensen, A. [Intrathoracic struma in dogs, case of adenoma gl. thyreoideae juxta-aorticae and a case of adenoma gl. parathyreoideae intrathoracicae]. Aarskr. Vet. Landbohøjsk., 1919, 191-205, pl.—Moore, F. B. A large substernal adenomatous goiter. California West. M., 1933, 38: 268.—Morcau. Goitre intrathoracique. J. chir., Brux., 1928, 27: 199.—Morlock, H. V. A case of substernal goitre. Postgrad. M. J., Lond., 1936, 12: 195-7.—Palmer, D. L., & Jones, N. W. Substernal goiter, its recognition by roentgenologic examination. Northwest M., 1933, 32: 296.—Pacny, G. Ueber die Jodtherapie bei substernalen Strumen im Kindesalter. Mschr. Kinderh., 1925, 30: 119-21.—Polák, E., & Brumlik, J. [Intrathoracic cystic goiter]. Cas. l'k. česk., 1936, 75: 555-9, pl.—Pritzelwitz van der Horst, L. F. van [Intrathoracic goiter]. Genesck. tschr. Ned. Indië, 1937, 77: 2688-92.—Redwitz, E. von. Erleichterung der Operation der substernalen und mediastinalen Struma. Schweiz. med. Wschr., 1934, 64: 659.—Renfer, E. Ueber retroviszerale Struma. Helvet. med. acta, 1929-30, 6: 884-91.—Rodríguez Villegas, R. Bocio intratorácico. Bol. Soc. cir. B. Aires, 1937, 21: 569-84.—Roholm, K. [Case of retromediastinal struma diagnosed by aspiration biopsy]. Hospitalstidende, 1938, 81: 853-8.—Samaja, N. La sindrome respiratoria da tiroide retrosternale. Arch. pat., Bologna, 1927-28, 6: 634-54.—Sauerbruch, F., & Felix, W. Operative Behandlung intrathorakaler Strumen. Schweiz. med. Wschr., 1927, 57: 859-62.—Sharer, R. F. Substernal thyroid. Am. J. Surg., 1936, 32: 56-62.—Soley, M. H., & Rinehart, J. F. Intrathoracic goiter simulating right-sided cardiac enlargement. Am. Heart J., 1939, 18: 237-40. Also repr.—Stiénon, E., & Wildenberg, van den. A propos d'un diagnostic apparent d'anévrisme de la crosse aortique (goitre plongeant endothoracique) thyroïdectomie. Arch. mal. cœur, 1933, 26: 289-97.—Substernal thyroid. Radiogr. Clin. Photogr., 1933, 9: 16.—Talia, F. Gozzo endotoracico con grave stenosi esofago-tracheale curato con i raggi X. Radiol. med., Milano, 1931, 18: 476-86.—Urban, K. Beitrag zur retromediastinalen Struma. Chirurg, 1939, 11: 145-7.—Wakeley, C. P. G., & Mulvany, J. H. Intrathoracic goiter. Surg. Gyn. Obst., 1940, 70: 702-10.—Woolf, A. E. M. Intrathoracic goitre. Tr. M. Soc. London, 1932, 55: 109-12.—Young, E. L., jr. A case of intrathoracic goitre. Tr. N. England Surg. Soc., 1933, 15: 201-7. Also N. England J. M., 1932, 207: 1185-7.—Zweiberg, O. [Intrathoracic struma (with discussion)] Nord. med., 1939, 4: 3410-2.
- intrathoracic, plunging.
- Bérard, Henry & Morel. Double goitre plongeant intrathoracique avec oedème en pèlerine et troubles cardio-rénaux; ablation; disparition de tous les troubles fonctionnels. Lyon chir., 1936, 33: 635-8.—Bérard, L., & Ponthus, P. Considérations sur l'aspect radiologique d'un goitre plongeant endothoracique dégénéré. Bull. Soc. radiol. méd. France, 1937, 25: 100-2.—Goitre massif charnu très vasculaire et plongeant, thyroïdectomie, guérison. Rev. méd., Louvain, 1922, 237-43, pl.—Ivanishevich, O., Ferrari, R. C., & Rivas, C. I. Un signo de certeza para el diagnóstico de los bocios sumergidos. Bol. Inst. clin. quir., B. Air., 1939, 15: 346-9.—Jeanenney, G., & Rousseau, M. Volumineux goitre plongeant opéré d'urgence en asphyxie menaçante. J. méd. Bordeaux, 1936, 113: 759.—Luquet, M. G. Goitre plongeant. In Prat. chir. illustr. (Pauchet, V.) 3. éd., Par., 1937, 21: 17-39. Also Techn. chir., Par., 1936, 28: 143-66.—Thiriar, R. Le goitre plongeant. Bull. Acad. méd. Roumanie, 1937, 3: 376-84.—Wakeley, C. P. G. Goitre plongeant. Clin. J., Lond., 1939, 68: 349-51.—Wildenberg, L. van den. Considérations sur le diagnostic et le traitement des goitres plongeants. Arch. fr. belg. chir., 1929-30, 32: 23-9, 6 pl.
- intra- and retrotracheal [including retrovisceral]
- See also Thyroid, accessory.
- Pouquet, P. *Contribution à l'étude des goitres intratrachéaux. 53p. 8° Par., 1937.
- SCHACHENMANN, H. *Ein Fall von Struma intratrachealis [Zürich] 1924. 8° Lpz., 1924.
- Baldenweck, L., & Lévy-Deker, M. Un cas de goitre sous-glottique et laryngé. Ann. otolar., Par., 1936, 570-3.—Baldenweck, L., & Pouquet, P. Un cas de goitre intra-trachéal enlevé par endoscopie. Bronchosc. esophagosc., Par., 1937, 1: 213-8.—Besson, H. B. Aberrant goiter, with report of an instance of intralaryngeal thyroid tumor. Arch. Otolar., Chic., 1937, 25: 449-54.—Breitner, B. Ueber retroviszerale Strumen. Schweiz. med. Wschr., 1935, 65: 59.—Case (A) of intralaryngeal and intratracheal thyroid. Eye Ear & Month., 1924-25, 3: 322.—Federici, F. A propos d'un cas très rare de goitre aberrant cylindromateux ayant envahi le larynx. Acta otolar., Stockh., 1928-29, 13: 188-214.—Garlock, J. H. Retro-esophageal goiter. Surg. Gyn. Obst., 1936, 62: 616-20.—German, J. L. M. [Case of intralaryngeotracheal struma] Ned. tschr. genesck., 1935, 79: 1250-3, pl.—Greif, K. [Studies of intra-laryngo-tracheal goiters, based on operative, cured cases] Cas. l'k. česk., 1937, 76: 1105-15, pl.—Hajek. Besondere Lokalisation einer Struma retropharyngea. Wien. med. Wschr., 1926, 76: 1283.—Ivanishevich. Bocio aberrante intralaringotraqueal y bocios aberrantes. Bol. Soc. cir. B. Aires, 1937, 21: 841, 907.—Jorge, J. M. Bocio aberrante intralaringo-traqueal (infraglótica) y bocios recidivantes. Ibid., 801-20.—Kment. Ein Fall von Struma retrovisceralis. Wien. klin. Wschr., 1928, 41: 973.—Krafka, J., jr. Intratracheal thyroid, occurring in a 7 months human fetus. Ann. Surg., 1937, 106: 457-9.—Lewisohn, R. Retrotracheal and retrosophageal goiter. J. Mount Sinai Hosp. N. York, 1935-36, 2: 195-200.—Pamperl, R. Zur Genese der intralaryngotrachealen Struma. Zschr. Hals & Heilk., 1926, 14: 173-81.—Pemberton, J. de J. Retrotracheal goiter. Surg. Clin. N. America, 1926, 6: 1277-81.—Puhr, L. Beitrag zur Kenntnis der Struma intratrachealis. Beitr. path. Anat., 1922, 70: 471-88.—Rathecke, L. Retropharyngeale Struma. Chirurg, 1936, 8: 929-31.—Rüter, E. Die intratracheale Struma. Arch. Ohr. & Heilk., 1930, 126: 224-30.—Schöndorf, H. Struma intratrachealis. Internat. Zbl. Ohrenh., 1933, 37: 1-18.—Suchanek, E. Die submuköse Exstirpation intratrachealer Strumen. Arch. klin. Chir., 1926, 140: 266-75.—Vacher & Denis. Sur un cas de goitre intra-trachéal. Rev. laryng., Par., 1927, 48: 761-3. Also Arch. internat. laryng., Par., 1928, 34: 1073-6.—Wegelin, C. Zur Entstehung des intralaryngotrachealen Kropfes. Schweiz. med. Wschr., 1939, 69: 593.
- juvenile [puberty]
- BRANDT, L. [D. K.] *Der Pubertätskropf in Danzig [Freiburg i. B.] 11p. 8° Lahr i. Baden, 1935.
- KAARTINEN, T. *Zur Klinik der Präpubertätsstruma nebst mikroskopischen Kapiteluntersuchungen bei derselben. 127p. 8° Helsin., 1926.
- Also Acta Soc. med. Duodecim, 1926, 7: H. 7.
- MINGES, A. *Ueber kindliche Strumen. 16p. 8° Heidelb., 1935.
- Aschoff, L. Ueber den Kropf bei Neugeborenen und Kindern. Arch. Kinderh., 1935, 105: 159-66.—Bach. Untersuchungen über die Verbreitung des sogenannten endemischen Kropfes unter der fortbildungspflichtigen Jugend in Bonn 1926. Med. Klin., Berl., 1926, 22: 1358.—Baldor, J. El bocio de la adolescencia en nuestro medio, estudio clínico y tratamiento. Rev. méd. cubana, 1929, 40: 1375-430.—Balp, S. Il tiroidismo giovanile, la mortalità per tiroidismo e le teorie etiologiche sul gozzo. Gior. Acad. med. Torino, 1927, 4. ser., 33: 151. Also Gior. Soc. ital. igiene, 1927, 49: 289-302, pl.—Battley, J. C. S. Simple goiter in children. Arch. Pediat., N. Y., 1927, 44: 424-8.—Bram, I. Simple sporadic goiter in children under 10, report of 832 cases. Med. Times, N. Y., 1935, 63: 241, 245.—Brown, A. W., Bronstein, I. P., & Kraines, R. Hypothyroidism and cretinism in childhood; influence of thyroid therapy on mental growth. Am. J. Dis. Child., 1939, 57: 517-23.—Corda, D. Osservazioni sulla frequenza e sulle manifestazioni del gozzismo frusto o conclamato su 5.000 alunni delle scuole elementari di Cagliari. Clin. pediat., Mod., 1935, 17: 725-52, pl.—Cronk, H. L. Observations on goitre in children. Brit. J. Child. Dis., 1926, 23: 32-7.—Deianov, V. I., & Reister, A. V. [Data on goiter in boarding schools] Sovet. pediat., 1935, No. 7, 48-56.—Del Castillo, E. B., & Argonz, J. Los bocios de la pubertad. Sem. méd., B. Air., 1934, 41: pt 2, 1625-30.—Dinsmore, R. S. Goiters in children. Proc. Interst. Postgrad. M. Ass. N. America (1927) 1928, 3: 251-4, pl.—Eckstein, A. Ueber den Gas- und Jodstoffwechsel der Pubertätsstruma. Klin. Wschr., 1925, 4: 2276. Also Mschr. Kinderh., 1925-26, 31: 242-51.—& Mommer, E. Der Gas- und Jodstoffwechsel bei der Pubertätsstruma. Zschr. Kinderh., 1925-26, 40: 475-87.—Finkelstein, H. Ueber die nichtendemischen Schilddrüsenvergrößerungen im Kindesalter. Jahrkurs. ärztl. Fortbild., 1925, 16: H. 6, 1-9.—Gay, J. G. Goiter in children. J. M. Ass. Georgia, 1936, 25: 228.—Kitchen, H. D. Goitre in children, a study of treatment. Canad. M. Ass. J., 1926, 16: 923-31. Also Tr. Ass. Physicians Mayo Clin. (1927) 1928, 8: 77-83. Also Am. J. Surg., 1929, n. ser., 6: 209-12.—Lämel, C. Ueber das gehäufte Auftreten von Schilddrüsenvergrößerungen unter der Schuljugend. Med. Klin., Berl., 1925, 21: 1051; 1926, 22: 1226.—Laroche, G. Les goitres de la puberté. In his La puberté, Par., 1938, 113-24.—Long, L. D. Pre-adolescent recurrent nodular goiter in 3 children of the same family. Tr. Am. Ass. Goiter, 1939, 306-12.—Lust, F. Kropf, Kropfherz und Jodempfindlichkeit beim jungen Säugling. Kinderärztl. Prax., 1932, 3: 441-6.—McKnight, R. B. Goiter in adolescents with special reference to hyperthyroidism. J. S. Carolina M. Ass., 1939, 35: 168-75.—Milligan, E. H. M. Goitre in childhood. Brit. M. J., 1926, 2: 373-6.—Monnier, E. Le goitre chez l'enfant. Gaz. méd. France, 1933, 808.—Oerum, H. P. T. Pubertätsstruma. Acta med. scand., 1928,

H. 26, 547-52.—**Ombredanne, M.** Deux goitres acquis en Haute-Savoie. *Ann. otol., Par.*, 1939, 394.—**Orgel, S. Z.** Transitory congestive thyroid enlargement. *Am. J. Dis. Child.*, 1925, 29: 41-50.—**Peregrino, jr.** O problema do bocio adolescente. *An. Soc. med. cir. Rio de Janeiro*, 1940, 53: No. 4, 31.—**Rupilius, K.** Der Säuglings-Kropf und seine Behandlung mit kleinsten Jodmengen. *Arch. Kinderh.*, 1930, 91: 173-86.—**Samelson, S.** Ueber Schilddrüsenvergrößerungen bei den schlesischen Schulkindern. *Mscr. Kinderh.*, 1933, 58: 48-56.—**Schott, U.** Beziehungen zwischen Kropf, Begabung und Händigkeit. *Zschr. Schulgesundhpfl.*, 1930, 43: 177-81.—**Shee, J. C.** Note on puberal goitre. *Irish J. M. Sc.*, 1939, 6. ser., 802.—**Stocks, P.** Goitre in the English school child. *Q. J. Med., Oxf.*, 1927-28, 21: 223-77. ch.—**Taylor, D. O.** Goitre in children. *Child, Lond.*, 1926-27, 17: 165-8.—**Topper, A., & Mulier, H.** Enlargement of the thyroid gland in children; a study of 100 cases of so-called simple goiter. *Am. J. Dis. Child.*, 1930, 40: 974-84.—**Turton, P. H. J.** Summary of results of experiments on the prophylaxis and treatment of childhood goitre in Heanor, Derbyshire. *Lancet, Lond.*, 1927, 2: 1170-2.—**Wasikowska-Krukowska, H., & Rosenbusch, J.** [Functional disorders of the thyroid gland during the period of puberty, studies of goiter during the period of puberty] *Pediat. polska*, 1936, 16: 55-63.—**Wieland, E.** Das Kropfproblem im Kindesalter. *Arch. Kinderh.*, 1935, 105: 129-59.—**Wilner, A. S.** Simple goiter in children. *Med. Woman J.*, 1926, 33: 41, 67.

— lingual [including lingual thyroid]

BRAUN, M. *Ueber Zungenstruma [Heidelberg] 15p. 8°. Wiesbaden, 1927.

MONTGOMERY, M. L. The lingual thyroid; a comprehensive review. 66p. 8°. Portland, O. [1935]

Also *West. J. Surg.*, 1935, 43: 661, passim.

ROSCHKE, E. *Ueber Zungenstruma [Münster] 21p. 21cm. Bottrop, 1935.

SCHÄFERMEIER, E. *Ein Fall von Struma der Zungenwurzel. 22p. 8°. Gött., 1931.

Alter, N. [Lingual goiter, treated by diathermo-coagulation] *Warsz. czas. lek.*, 1935, 12: 182.—**Bishop, F. J.** Lingual thyroid. *Ann. Otol. Rhinol.*, 1934, 43: 294-8.—**Buckman, L. G.** Lingual thyroid. *Tr. Am. Lar. Rhin. Otol. Soc.*, 1936, 42: 167-84.—**Carnelli, R.** Contributo allo studio e alla casistica dei gozzi linguali. *Policlinico*, 1930, 37: sez. prat., 10-6.—**Cattell, R. B., & Hoover, W. B.** Lingual thyroid gland, report of a case and a discussion of aberrant thyroid tissue. *Surg. Clin. N. America*, 1929, 9: 1355-62.—**Chérédjian, A.** Propos du goitre lingual. *Rev. méd. Suisse rom.*, 1934, 54: 1109.—**Collet, F. J.** Thyroïde linguale. *Ann. mal. oreille*, 1930, 49: 349-53.—**Droesbeque, G., & Goormaghtigh, N.** Tumeur thyroïdienne de la base de la langue. *Scalpel, Brux.*, 1922, 75: 1249-53.—**Eidlin, D. J.** Ueber den Kropf der Zungenwurzel. *Mscr. Ohrenh.*, 1937, 71: 332-6.—**Freneckner, P.** Risk of hypothyroidism following the operation of lingual thyroid. *Acta otol., Stockh.*, 1939, 27: 577-81.—**Gerasimov, I. F.** [Goiter at the base of the tongue] *Vest. otorinol.*, 1937, 427-31.—**Grace, R. V., & Weeks, C.** Lingual thyroid. *Ann. Surg.*, 1932, 96: 973-8.—**Heilmann, P.** Zungenstruma und Hypothyreose. *Zbl. allg. Path.*, 1931-32, 52: 129-32.—**Hill, R. C.** Lingual thyroids, report of case. *J. M. Ass. Alabama*, 1933, 3: 103.—**Howarth, W. G.** Aberrant thyroid tumour from the base of the tongue. *Proc. R. Soc. M., Lond.*, 1912-13, 6: Laryng. Sect., 37.—**Jones, T.** Lingual thyroid gland in a cretin of 78 years. *Anat. Rec.*, 1935-36, 63: 315.—**Kisch, H.** Lingual thyroid. *Proc. R. Soc. M., Lond.*, 1934-35, 28: 442. Also *J. Lar. Otol. Lond.*, 1935, 50: 465.—**Lack, H. L.** Lingual tumour at base of tongue. *Proc. R. Soc. M., Lond.*, 1917-18, 11: Sect. Laryng., 154.—**Madier, J., & Thaleimer, M.** Tumeur solide thyroïdienne de la base de la langue. *Arch. internat. laryng., Par.*, 1922, 28: 60-3.—**Mayer, O.** Ein Fall von Struma basos linguae. *Mscr. Ohrenh.*, 1919, 53: 674. — Entfernung einer Zungenstruma durch Pharyngotomia mediana nach Hajek-Hofer; Heilung. *Wien. med. Wschr.*, 1928, 78: 587.—**Menzel.** Zungenstruma, radikale Exstirpation infolge histologischer Fehldiagnose (Peritheliom) Hypothyreose, Heilung durch Thyroideatabletten. *Mscr. Ohrenh.*, 1922, 56: 961.—**Miller, R. H.** Lingual goitre. *Tr. N. England Surg. Soc.*, 1933, 15: 188-200. Also *N. England J. M.*, 1933, 208: 480-4.—**Mittag, M.** Zur Kasuistik der Zungenstruma. *Endokrinologie*, 1928, 2: 277-9.—**Owens, M. J.** Lingual thyroid. *J. Kansas M. Soc.*, 1926, 26: 160-2.—**Perlman, H. B.** Lingual thyroid gland. *Arch. Otolaryng.*, 1934, 19: 594-9.—**Rav, B. S.** Lingual thyroid. *Arch. Surg.*, 1938, 37: 316-26.—**Rosedale, R. S.** Intra lingual thyroid: discussion with report of a large struma presenting in the anterior part of the tongue. *Ann. Otol. Rhinol.*, 1936, 45: 1009-18.—**Rubin, H.** Aberrant lingual thyroid, report of a case. *Am. J. Surg.*, 1936, 32: 150-3.—**Sagols, H.** Un cas de goitre lingual. *Ann. otolaryng.*, 1934, 802-6.—**Sainton, P., Ardoin, G., & Frankfurt, P.** Goitre lingual et hypothyroïdie. *Presse méd.*, 1937, 45: 921.—**Salvadori, G.** Sopra un caso di ectopia tiroidea parziale alla base della lingua. *Arch. ital. otol.*, 1936, 48: 272-85.—**Smith, C.** Lingual thyroid. *Arch. Otolaryng.*, 1939, 29: 78-81.—**Tawse, H. B.** Thyroid tumour from base of tongue. *Proc. R.*

Soc. M., Lond., 1922-23, 16: Sect. Laryng., 21.—**Terracol, Roustit & Sagols, H.** Goitre lingual. *Arch. Soc. sc. méd. biol. Montpellier*, 1932, 13: 77-84.—**Tessier, L. J.** Un cas de goitre lingual. *J. Hôtel Dieu Montréal*, 1936, 5: 301-4.—**Torrigiani, C. A.** Considerazioni sulla ectopia tiroidea nella lingua. In *Scritti biol.* (Castaldi, L.) Siena, 1927, 167-77, pl.—**Vandenwildenberg, L.** Un cas de goitre lingual. *Rev. méd., Louvain*, 1919, 87, 1933, 79.—**Vernet, M., & Castex, P.** Tumeur solide thyroïdienne de la base de la langue. *Arch. internat. laryng., Par.*, 1922, 28: 1211-4.—**Wells, H. G.** A case of dwarfism associated with lingual goiter and cystic hypophysis. *Tr. Chicago Path. Soc.*, 1934-35, 14: 190-204.—**Wenzel, M.** Ein Fall von Zungenschilddrüse. *Mscr. Ohrenh.*, 1936, 70: 489.—**Whalen, E. J.** Lingual goiter. *Laryngoscope*, 1934, 44: 555-67.—**Zehner, K.** Zu einem Fall von Zungenstruma. *Münch. med. Wschr.*, 1922, 69: 747.—**Ziegelman, E. F.** Lingual goiter. *Arch. Otolaryng.*, 1932, 16: 496-502.

— lymphomatous [Hashimoto]

See Thyroid, Inflammation.

— malignant.

See Thyroid, Cancer.

— Manifestation.

Beykirch, A. Klinik und Histologie der Struma in ihrem Verhältnis zueinander, kritisch bewertet an Hand des Göttinger Strumamaterials (1922-24). *Beitr. klin. Chir.*, 1925, 135: 165-84.—**Boys, C. E.** Psychoses associated with goitre. *J. Michigan M. Soc.*, 1926, 25: 653-6.—**Clemmesen, C., & Schröder, G. E.** [Unusual symptoms in familial struma] *Ugeskr. laeger*, 1933, 95: 520-2.—**Coppola, P.** Gozzo e malattie mentali. *Osp. psichiat., Nap.*, 1935, 3: 81-96.—**Cossa, P.** Crise neuro-végétative chez une vieille goitreuse. *Rev. neur., Par.*, 1934, 41: 973-5.—**Hildebrandt, W.** Beobachtungen und Gedanken zur Kropffrage, auch zur Frage innersekretorischer Störungen und endogener Geisteskrankheiten. *Mitt. Grenzgeb. Med. Chir.*, 1932, 43: 111-3.—**Hueck, H.** Ein Beitrag zur Frage des Parallelismus zwischen klinischem und histologischem Bild der Struma. *Deut. Zschr. Chir.*, 1926, 197: 66-70.—**Kipnis, A. M.** [Pathological changes in the oral cavity in goiter] *Stomatologia, Moskva*, 1937, No. 6, 61-4.—**McGlannan, A.** Peripheral nerve symptoms in goiter. *Tr. South. Surg. Ass.*, 1933, 45: 112-5. Also repr. *Also Am. J. Surg.*, 1933, 20: 315-8.—**Martin, K. A.** Symptoms associated with iodine deficiency in simple goiter, a clinical study. *Am. J. M. Sc.*, 1926, 172: 237-43.—**Mayfield, A. L.** The relation of the pathologic lesion of goiter to its clinical picture. *Wisconsin M. J.*, 1930, 29: 322-7.—**Muraz, G.** Perplexité des goitreux. *Presse méd.*, 1936, 44: 1761-3.—**Nager, F. R.** Die Beziehungen des endemischen Kretinismus zum Gehörorgan. In *Handb. Hals & Kehlk.* (A. Denker & O. Kahler) Berl., 1926, 6: 617-35.—**Pap, K.** [Symptoms suggesting malignancy in cases of benign goiters] *Orv. hetil.*, 1937, 81: 479-82.

— Manifestation, cardiovascular.

Baust, H. Ueber histologische Befunde an Kropfherzen. *Beitr. path. Anat.*, 1931, 86: 543-65.—**Bishop, L. F., jr.** A review of progress in the study of the goiter heart. *Tr. Am. Ass. Goiter*, 1938, 346-54.—**Brown, A.** Hyperplastic goiter with temporary cardiac changes, case studies in goiter. *Nebraska M. J.*, 1935, 20: 50-2.—**Chesky, V. E.** The heart in goiter. *Am. J. Surg.*, 1929, n. ser., 7: 27-9.—**Cookson, H.** The size and shape of the heart in goiter. *Proc. R. Soc. M., Lond.*, 1932, 25: 1517-21.—**Cossio, P., Del Castillo, E. B., & Finochietto, R.** Agrandamiento cardíaco reversible y bocio no tóxico. *Rev. argent. card.*, 1904-41, 7: 65-74.—**Dautrebande, L.** Les troubles circulatoires contemporains des goitres. *Médecine, Par.*, 1929, 10: 197-201.—**DeCourcy, J. L.** Goiter heart. *Ohio M. J.*, 1938, 34: 1006-8.—**Deneen, F. O.** Cardiac manifestations of goiter. *Illinois M. J.*, 1926, 50: 389-95. — The heart in goiter conditions. *Ibid.*, 1929, 55: 264-8.—**Fassnacht, H.** Zur Histopathologie der Herzveränderungen bei Struma. *Arch. wiss. prakt. Tierh.*, 1933-34, 67: 396-404.—**Feriz, H.** [Correlation of histology and clinical aspect in struma] *Genecsc. gids*, 1933, 11: 809, 833.—**Galluppi, A.** Gozzo e cardiopatie valvolari. *Minerva med.*, Tor., 1926, 6: 321-30.—**Gmelin, E.** Zur Klinik des Kropfherzens. *Arch. klin. Chir.*, 1926, 143: 726-38. Also *Deut. med. Wschr.*, 1926, 52: 1238. Also *Klin. Wschr.*, 1926, 5: 1395.—**Hertzler, A. E.** The degenerative goiter heart. *Southwest. M.*, 1938, 22: 131-3. — The surgical problem of the degenerative goiter heart. *Am. J. Surg.*, 1939, 44: 358-63. Also repr.—**Hurxthal, L. M., Menard, O. J., & Bogan, M. E.** The size of the heart in goiter, a teleroentgenographic study. *Am. J. M. Sc.*, 1930, 180: 772-81.—**Iadevaia, F.** Ricerche sul metabolismo basale e sulla funzionalità cardiaca nei gozzi prima e dopo l'intervento chirurgico. *Gior. med. mil.*, 1939, 87: 469-91.—**Jones, N. W., Seabrook, D. B., & Menne, F. R.** A clinical study of goiter in the Pacific Northwest, with special reference to the state of the heart. *Am. Heart J.*, 1932, 8: 41-8.—**Lahey, F. H.** Goiters complicated with heart disease. *Med. Herald*, 1927, 46: 186-90.—**Loeper, M., & Mougéot, A.** Goitre simple et insuffisance mitrale fonctionnelle. *Presse méd.*, 1926, 34: 593.—**Marsh, H. E.** The goiter heart. *Wisconsin M. J.*, 1931, 30: 900-3.—**Martinengo, V.** Su la pressione venosa ed altri dati mano-

metrici nei portatori di gozzo. Baglivi, 1936, 2: 124-32.—**Mentl, S.** [Disorders of the circulatory system in goiter and their treatment] Med. prakt., Poznań, 1934, 8: 1-5.—**Meyer, A. W., & Sulger, E.** Das Kropfherz vor und nach der Operation. Med. Klin., Berl., 1926, 22: 838-40.—**Meyer-Borstel, H.** Ueber Form- und Grössenveränderungen des Herzens bei Struma. Fortschr. Röntgenstrahl., 1930, 41: 695-713.—**Morris, R. S.** The thyroid heart with low basal metabolic rate. Am. J. M. Sc., 1931, 181: 297-301. Also Med. Press & Circ., Lond., 1931, 131: 270-2.—**Parkinson, J., & Cookson, H.** The size and shape of the heart in goitre. Quart. J. M., Oxf., 1931, 24: 499-532, 5 pl.—**Pastor, M. F.** Corazón hipotiroidico. Rev. espec., B. Air., 1929, 4: 1152-9.—**Pemberton, J. DeJ., & Willius, F. A.** Cardiac features of goiter with special reference to operation. Tr. South. Surg. Ass., 1932, 44: 247-54. Also Ann. Surg., 1932, 95: 508-16.—**Percy, N. M.** The thyrocardiac. Tr. Am. Ass. Goiter, 1937, 1-8.—**Phillips, J., & Anderson, J. P.** Cardiac disturbances in goitre. J. Am. M. Ass., 1927, 89: 1380-4.—**Rose, E.** Cardiovascular disease associated with non-toxic goiter. Med. Clin. N. America, 1928-29, 12: 1157-65.—**Sanders, L. C.** The thyrocardiac; goiter heart. Mississippi Doctor, 1939-40, 17: 467-9.—**Sulger, E.** Experimentelle Untersuchungen über den Einfluss der Trachealstenose auf Herz und Kreislauf; ein Beitrag zu der Frage: Gibt es ein mechanisches Kropfherz und wie entsteht es? Deut. Zschr. Chir., 1927, 201: 21-59.—**Thomas, E.** Rapports entre la présence du goitre et les troubles du système circulatoire. Praxis, Bern, 1927, 16: H. 33, 1-3.—**Viethen, A.** Untersuchungen über Herzveränderungen bei Kropfkinder. Mschr. Kinderh., 1935-36, 64: 81-7.

— Manifestation: Constitution and body growth.

CHASEN, A. E. *Körperbauuntersuchungen an Studenten im Alter von 18-20 Jahren mit besonderer Berücksichtigung gesunder Strumaträger und Astheniker. 32p. 8°. Jena, 1929.

FÄSSLER, K. *Beiträge zu den Beziehungen zwischen Konstitution und Struma. 54p. 8°. Zür., 1934.

HÖNN, G. *Ueber Zahn- und Kieferverhältnisse bei Kropfkranken. 16p. 21cm. Würzb., 1936.

NELSON, L. A. Variations in development and motor control in goiterous and non-goiterous adolescent girls. 193p. 8°. Balt., 1929.

RUBENS, O. *Ueber die Bedeutung der Schilddrüsenvergrößerung im jugendlichen Alter für die Konstitution [Freiburg i. B.] p.593-601. 8°. Berl., 1927.

Also in Zschr. ges. Anat., 2. Abt., 1927-28, 13:

Dahs, W. Klinische Konstitutionspathologie in der Orthopädie an Hand von zwei Fällen kretinogener Wachstumsstörung. Zschr. orthop. Chir., 1929, 52: 452-64.—**Hammett, F. S.** Studies on the thyroid apparatus; the relation between age at initiation of and response of body growth to thyroid and parathyroid deficiency. Endocrinology, 1926, 10: 29-42.—**Olesen, R., & Taylor, N. E.** Endemic goiter and physical development; in Cincinnati school children. Pub. Health Rep., Wash., 1926, 41: 1881-95. Also repr.—**Pfäfiger.** Wachstum und Kropf. Münch. med. Wschr., 1926, 73: 566-8.—**Rosenthal, S. L.** The effects of systemic disturbances upon the dental tissues; hypothyroidism. J. Canad. Dent. Ass., 1939, 5: 555-7.—**Stefanini, G. F.** Rapporto fra gozzo ed apparato dentale. Atti Congr. internaz. stomat. (1935) 1936, 2: 1334-6.—**Stocks, P., Stocks, A. V., & Karn, M. N.** Goitre in adolescence; an anthropometric study of the relation between the size of the thyroid gland and physical and mental development. Biometrika, Cambr., 1927-28, 19: 292-353.

— Manifestation: Pressure symptoms.

FICHTNER, H. *Die Gestaltsveränderung der Trachea bei Kropf, insbesondere ihre Untersuchungsmethoden. 19p. 8°. Würzb., 1933.

SIMONNET, M. *Quinze cas de goitres dyspnéiques. 50p. 8°. Par., 1931.

ZAPPE, T. *Die Verlagerung der Trachea bei Kropfkranken vor und nach der Operation. 47p. 8°. Greifsw., 1935.

Babboneix, L., & Wilm. Goitre suffocant. Bull. Soc. pédiat. Paris, 1932, 30: 637-9.—**Bloch, A.** Goitre asphyxiant opéré d'urgence chez une fillette âgée de 13½ ans. Ann. mal. oreille, 1926, 45: 1060-2.—**Cisler, J.** [Effect of benign struma on the larynx] Cas. lék. česk., 1933, 72: 97-100.—**Feuz, J.** Goitres bénins et paralysies récurrentielles. Rev. laryng., Bord., 1934, 55: 32-78.—**Fodor, J.** [Causes of hoarseness in goiter and their prevention] Orvosképzés, 1939, 29: Dec. különt., No. 2, 120-5.—**Gaafar, M.** A case of parenchymatous goiter with right

cord paralysis. J. Egypt. M. Ass., 1933, 16: 481.—**Galliard, R., & Carcassonne, E.** Paralysie récurrentielle contra-latérale au cours d'un goitre bénin. Ann. otolar., Par., 1933, 594-6. Also Lyon méd., 1933, 151: 16-23.—**Giordanengo, G.** Le alterazioni laringee e tracheali nei portatori di gozzo. Gazz. med. ital., 1938, 97: 68-76.—**Hofbauer, L.** Kropfasthma, Kropftod und verwandte Zustände. Wien. med. Wschr., 1935, 85: 1219; 1253.—**Hurxthal, L. M.** Choking as a symptom of goiter. Surg. Clin. N. America, 1932, 12: 831-4.—**Nevinny, H.** Ueber die Säbelscheidentrachea bei Kropfdruck. Deut. Zschr. Chir., 1927, 201: 172-89.—**Rodriguez Villegas, R.** Desplazamientos y deformaciones de la tráquea por bocio. Bol. Soc. cir. B. Aires, 1938, 22: 57-64. — Bocio sofocante; traqueomalacia; muerte por asfixia. Ibid., 162-72.—**Shuman, J. W.** Aphonia from goiter. J. Am. M. Ass., 1926, 86: 1951.—**Tawse, H. B.** Paralysis of left vocal cord, associated with sub-sternal goitre; apparent recovery. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Laryng., 27.—**Wildenberg, L. van den.** Etats pathologiques laryngiens et thyroïdiens associés; sténoses laryngo-trachéales dues à des goitres. Bull. Acad. méd. Belgique, 1936, 6. ser., 1: 185-96.—**Zeno, L. O.** Parálisis del recurrente en el bocio. Rev. méd. Rosario, 1927, 17: 365.

— Metabolism.

See also Goiter, Etiology: Iodine deficiency.

Bauer, F. Ueber Grundumsatzbestimmungen vor und nach Kropfoperationen an Hand von 50 Fällen. Arch. klin. Chir., 1927-28, 149: 222-9.—**Baumann, E. J., Kurland, S., & Metzger, N.** Mineral metabolism during involution of simple goiter. J. Biol. Chem., 1931, 94: 383-91. Also repr.—**Bowerbank, F. T.** The clinical importance of the basal metabolic rate in goitre. Med. J. Australia, 1927, 2: suppl., 61, 65.—**Breitner, B.** Die Jodbilanz der Strumen vom Gesichtswinkel morphologisch-funktioneller Typen aus. Mitt. Grenzgeb. Med. Chir., 1930-31, 42: 607.—**Calissano, G.** Il metabolismo basale nei gozzi adenomatosi, semplici e cistici in rapporto alla strumectomia. Arch. sc. med., Tor., 1927, 49: 731-7.—**Carrasco Cadenas, E., Gurriarán, G. [et al.]** Estudios metabólicos en el foco bocioso del distrito de Barco de Valdeorras. Progr. clín., Madr., 1931, 39: 663-7.—**Eldh, S. M.** Contribution to the study of the basal metabolism in goitre at puberty. Acta med. scand., 1928, 69: 286-308.—**Hamilton, J. G., & Soley, M. H.** Studies in iodine metabolism of the thyroid gland in situ by the use of radioiodine in normal subjects and in patients with various types of goiter. Am. J. Physiol., 1940-41, 131: 135-43.—**Harms, E.** Grundumsatz und histologischer Befund bei 200 nordamerikanischen Strumen. Arch. klin. Chir., 1930, 149: 317-43.—**Hofhauser, H.** Grundumsatzbestimmungen bei Strumen mit normaler und gesteigerter Funktion und deren chirurgische Bedeutung. Ibid., 1928, 150: 517-23.—**Lunde, G.** Goiter and iodine metabolism. Proc. Mayo Clin., 1928, 3: 249-51.—**McCarrison, R., Sankaran, G., & Madhava, K. B.** Urinary excretion of iodine by goitrous and non-goitrous persons in Gilgit. Ind. J. M. Res., 1931, 18: 1335-45.—**Mouriquand, G., Enselme, J., & Enselme, J.** Etude sur le métabolisme de base des enfants porteurs de goitre. Bull. Acad. méd., Par., 1938, 3. ser., 119: 311-4.—**Ricciuti, G.** Reazione di Kottmann e metabolismo basale in alcuni casi di gozzo. Gazz. internat. med. chir., 1930, 38: 228.—**Scheffer, L., & Megay, L. von.** Jodstoffwechsel bei Kropfträgern. Klin. Wschr., 1935, 14: 1360-2.—**Spence, A. W.** The basal oxygen consumption of goitrous and non-goitrous rats. Brit. J. Exp. Path., 1932, 13: 149-57.—**Takei, U.** Stoffwechseluntersuchung des in Jehol endemischen Kropfes; über die Verdauungs- und Resorptionsfähigkeit von Hakumai. J. Orient. M., Dairen, 1935, 23: 105-7.—**Stoffwechseluntersuchung des in Jehol endemischen Kropfes; über die Verdauungs- und Resorptionsfähigkeit von Sorghum-Hirse.** Ibid., 108.—**Villela, G. G.** Eliminação de iodo de potássio em alguns casos de bocio endêmico simples. Mem. Inst. Oswaldo Cruz, 1930, 24: 257-67.—**Walther, B.** Le métabolisme de la glande thyroïde goitreuse (contribution à l'étude de la physiologie pathologique de l'organe). Gaz. méd. France, 1933, 805.—**Webster, B., Clawson, T. A., & Chesney, A. M.** Endemic goitre in rabbits; heat production in goitrous and non-goitrous animals. Bull. Johns Hopkins Hosp., 1928, 43: 278-90.

— metastatic.

See Thyroid, Cancer.

— Military aspect.

Basset, Notes sur le goitre dans le 5^e territoire militaire du Tonkin. Ann. méd. pharm. col., Par., 1926, 24: 208-14.—**Djuković, D.** [Goiter and its operative treatment in the Beograd garrison during the past 4 years] Voj. san. glasnik, 1938, 9: 261-97.—**Eggenberger.** Die Prophylaxe der Dysthyreosen und ihre Wirkung auf die Wehrfähigkeit. Praxis, Bern, 1940, 29: 553-7.—**Endemic goitre.** J. R. Army M. Corps, 1937, 68: 49-53.—**Huber, W.** Militärische Kropfstatistik mit ätiologischen Folgerungen. Zschr. ges. Anat., 2. Abt., 1931-32, 16: 689-91.—**McCarrison, R.** The further history of goitre at the Lawrence Royal Military School, Sanawar, Punjab, India. Ind. J. M. Res., 1926-27, 14: 655-8.—**Notti, R., & Olaseoga, M. L.** Contribución al estudio del bocio. Rev. san. mil., B. Air., 1940, 39: 604-6.—**Schmidt, A. A.** [Contents

of iodine in the goiters of the Red Army soldiers] *Voen. med. J.*, Moskva, 1930, 1: 70-4.—**Stüner, O.** Der Kropf bei den Stellungspflichtigen der Jahre 1924 und 1925. *Schweiz. med. Wschr.*, 1928, 58: 401-7.—**Stoianovich, V. K.** [Research on goiter among the recruits] *Voj. san. glasnik*, 1937, 8: 377-431, 7 ch.—**Tubiasz, S.** [Endemic goiter in Poland] *Lek. wojsk.*, 1932, 20: 827-40.

nodular [Adenoma]

For cases with hyperthyroidism see **Thyrotoxicosis**.

FRIEDRICH, G. *Ueber Struma nodosa [Jena] 18p. 8°. [Erfurt] 1927.

KRAMANN, G. *Ueber Plattenepithelbefunde in einer Struma colloides nodosa [München] 23p. 8°. Hamm (Westf.) 1936.

SPIEGELBERG, A. *Ein Fall von übergrosser Struma nodosa. 30p. 8°. Bonn, 1927.

Abelin, I., & Finkelstein, N. E. Jodumsatz und Thyroxingehalt der Struma nodosa. *Schweiz. med. Wschr.*, 1934, 64: 985-7.—**Anderson, R. S.** Adenomatous goiter. *South. M. & S.*, 1938, 100: 170-2.

Four problems concerning adenomatous goiter. *Ibid.*, 1940, 102: 431.—**Binkley, R. W.** Neglected adenomata of the thyroid. *West. J. Surg.*, 1939, 47: 575-80.—**Blanc y Fortacin.** Un caso de hemitiroidectomia por adenomas. *Med. iber.*, 1918, 4: 83.—**Boyd, A. M.** The pathology of the single nodule of the thyroid gland. *Brit. J. Surg.*, 1937-38, 25: 782-9.

Boyd, W. Notes on the pathology of adenomatous goiter. *Tr. R. Soc. Canada*, 1929, 3: ser., 23: *Biol. Sc.*, 289-91, 7 pl. Also repr. The identity of adenoma of the thyroid. *Tr. Ass. Am. Physicians*, 1932, 47: 268-73.—**Brenner, F.** Fettzellen in Schilddrüsenadenomen. *Zbl. allg. Path.*, 1935, 62: 113.—**Brown, A.** Case studies in goiter; adenomatous goitre. *Nebraska M. J.*, 1930, 15: 231-3.

Bryan, A. W. Multiple adenoma of the thyroid with glycoluria; report of a case. *Am. J. Surg.*, 1928, n. ser., 4: 72-4.—**Cattell, R. B.** Two intrathoracic extensions on one side in adenomatous goiter. *Surg. Clin. N. America*, 1933, 13: 765-9.—**Clute, H. M.** Adenoma of the thyroid. *N. York State J. M.*, 1929, 29: 1305-10.

Hemorrhage into a thyroid adenoma. *Surg. Clin. N. America*, 1931, 11: 445-50.—**Albright, H. L.** Thyroid adenomas and their clinical complications, with special reference to the discrete adenoma. *N. England J. M.*, 1936, 215: 1049-54.—**Crisler, J. A., jr.** The treatment of non-toxic nodular goiter. *Memphis M. J.*, 1932, 9: 169-71.—**Curtis, G. M., & Delaney, P. A.** Cavernous hemangiectasia occurring within a nodular goiter. *Tr. Chicago Path. Soc.*, 1930, 13: 300-6.

Also *Arch. Path.*, Chic., 1930, 10: 580-6.—**Darwis, A.** [Cystadenoma papilliferum of the thyroid] *Geneesk. tschr. Ned. Indie*, 1931, 71: 1409-19, 2 pl.—**Dauterbande, L., & Lemort, A.** Les adénomes thyroïdiens. *Bruxelles méd.*, 1926-27, 7: 1584-6.—**Deegan, J. K.** Severe hemorrhage in a thyroid adenoma. *Clifton M. Bull.*, 1929-30, 15: 85-7.—**De Felice, P., & Gagliardone, C. R.** Hipertermia postoperatoria en el adenoma tiroideo. *Rev. san. mil.*, Lima, 1935, 7: 11-5.—**Doepfner, J.** Ueber das Verhalten des Schilddrüsenadenoms und der wuchernden Struma zur Kapsel und zu den Blutgefässen. *Frankf. Zschr. Path.*, 1932-33, 44: 461-89.—**Dreyer, J. W.** Urging more radicalism in surgery of so-called benign adenoma of the thyroid. *Illinois M. J.*, 1929, 55: 119-23.—**Drury, R. B.** Large adenomatous goiter. *Ohio M. J.*, 1927, 23: 227.

Else, J. E. Adenomatosis, or the diffuse adenomatous goiter. *J. Am. M. Ass.*, 1925, 85: 1878-82.—**Enzer, N.** The pathology of the nodular goiter. *Ann. Int. M.*, 1929-30, 3: 1241-51.—**Gaujoux, Bremond** [et al.] A propos d'un cas d'adénome thyroïdien avec psychose à type d'excitation maniaque; adénectomie suivie de guérison. *Rev. otoneur.*, Par., 1933, 11: 199-203.—**Gay, J. G.** The problem of adenoma of the thyroid. *Bull. Fulton Co. M. Soc.*, 1934, 8: 2-5. Also *J. M. Ass. Georgia*, 1937, 26: 214-8.—**Gilman, P. K., & Kay, W. E.** Remote symptoms of unrecognized thyroid adenomata; with low basal metabolic rate relieved by operation. *Am. J. M. Sc.*, 1930, 180: 405-10.—**Graham, A.** Nodular goiters; their relation to neoplasia. *Am. J. Surg.*, 1929, n. ser., 7: 163-73.

Also repr.—**Greenlee, D. P., Lloyd, J. G.** [et al.] Adenoma of the islets of Langerhans, with hyperinsulinism, associated with adenoma of the thyroid. *Ann. Surg.*, 1940, 112: 378-91.—**Heilmann, P.** Ueber Struma nodosa. *Frankf. Zschr. Path.*, 1927, 35: 401-8.—**Hellwig, C. A.** Thyroid adenoma in experimental animals. *Am. J. Cancer*, 1935, 23: 550-5.—**Hendrick, J. W.** Diagnosis and treatment of adenomatous goiter. *Southwest M.*, 1932, 16: 501-4.

Nodular or adenomatous goiter. *Texas J. M.*, 1934-35, 30: 698-703.—**Hertzler, A. E.** Mixed tumors of the thyroid gland (fetal adenomas) *Arch. Surg.*, 1928, 16: 1187-200.

The life history of bosselated goiters. *J. Lancet*, 1933, 53: 640-2.—**Hicken, N. F.** Should quiescent adenomatous goiters be removed? *Rocky Mountain M. J.*, 1940, 37: 94-100.—**Hinton, J. W.** Nodular goitre. *Ann. Surg.*, 1932, 95: 499-502.—**Hoppe, H. J.** Ueber die Involutionvorgänge in den Adenomen der Schilddrüse. *Beitr. path. Anat.*, 1936-37, 98: 483-91.—**Howard, R. M.** A consideration of certain thyroid adenomas with hyperacute symptoms. *Chicago M. Rec.*, 1926, 48: 315-9.—**Kappes, W. C.** Adenomatous goiter. *West Virginia M. J.*, 1931, 27: 392.—**Keilty, R. A.** The

inflammatory nature of nodular goitre as a chronic thyroiditis. *Am. J. Clin. Path.*, 1931, 1: 57-68.—**Kroger, W. P.** The adenomatous goiter; a clinical study. *California West. M.*, 1933, 39: 35-8.—**Lahey, F. H.** A method of removing discrete adenomata of the thyroid. *Ann. Surg.*, 1927, 86: 31-4.

The technic of removal of discrete adenomas of the thyroid. *Surg. Clin. N. America*, 1936, 16: 1639-47.—**Le Jemtel.** Tumeur adénomateuse du corps thyroïde avec coexistence de goitre aberrant carotidien. *Arch. fr. belg. chir.*, 1929-30, 32: 45-7.—**McGraw, A. B.** Multiple adenoma of the thyroid complicated by tularemia. *Am. J. Surg.*, 1927, n. ser., 3: 269.—**Markowitz, B.** Focal cyclic growth as a factor in production of nodular goiter. *Am. J. Clin. Path.*, 1932, 2: 57-61.—**Mayo, C. W., & Haines, S. F.** Adenomatous goiter with and without hyperthyroidism; surgical and medical aspects. *Proc. Interst. Postgrad. M. Ass. N. America*, 1938, 148-54.—**Menne, F. R.** Adenoma of the thyroid, its clinical and pathologic significance. *Northwest M.*, 1927, 26: 304-8.—**Molesworth, H. W. L.** Sarcoma growing in a calcified adenoma of the thyroid. *Brit. J. Surg.*, 1934-35, 22: 630.—**Mowbray, F. B.** Some aspects of the goiter problem, with special reference to adenomata. *Internat. J. Surg.*, 1926, 39: 12-6.—**Murphy, W. B., & Ahnquist, G.** Origin of fetal adenoma in the thyroid gland. *Arch. Surg.*, 1937, 35: 211-33.—**Navarette Sierra, A., & Despaigne, A.** Adenoma papillifero del tiroides. *Vida nueva, Habana*, 1931, 27: 431-9.—**Nylander, P. E. A.** Beitrag zur Kenntnis des abierierten Schilddrüsenadenoms. *Arch. Path. Inst. Helsingfors*, 1930, n. F., 6: 235-42.—**Parsons, W. B.** Adenoma of the thyroid. *Ann. Surg.*, 1927, 85: 107-15.—**Plummer, H. S.** The function of the thyroid gland containing adenomatous tissue. *Tr. Ass. Am. Physicians*, 1928, 43: 159-67.—**Haines, S. F.** Myxedema and adenomatous goiter. *Med. Clin. N. America*, 1926, 10: 509-11.—**Plummer, W. A.** Adenomatous goiter with symptoms due to pressure on the larynx and trachea. *Proc. Mayo Clin.*, 1930, 5: 13-5.

Reasons for urging thyroidectomy in cases of adenomatous goiter without hyperthyroidism. *Med. Clin. N. America*, 1930, 13: 1387-97.—**Broders, A. C.** Acute capsulitis of cystic degenerated or partially degenerated adenoma of the thyroid gland; its clinical distinction from gross intra-adenomatous hemorrhage. *Am. J. Surg.*, 1934, 23: 63-9. Also repr.—**Poate, H. R. G., & Macindoe, P. H.** Recurrent adenomata of the thyroid. *Med. J. Australia*, 1940, 1: 187-91, pl.—**Puppel, I. D., & Curtis, G. M.** The iodine balance in nodular goiter. *J. Clin. Invest.*, 1938, 17: 729-37.—**Rankin, F. W., & Donald, J. M.** Adenocarcinoma in a huge substernal adenomatous goiter. *Surg. Clin. N. America*, 1933, 13: 927-39.—**Rankin, F. W., & Grimes, A. E.** Adenomatous goiter. *Kentucky M. J.*, 1935, 33: 273-6.—**Rea, C. E.** A massive adenomatous goiter successfully removed. *Surgery*, 1939, 6: 183-9.—**Renaud, A.** Sur la présence de noyaux adénomateux dans le goitre diffus de l'enfant et sur la sensibilité spécifique à l'iode du tissu thyroïdien adénomateux jeune. *Verhber. Internat. Kropfkong.* (1933) 1935, 2. Konf., 607-11.—**Riggs, H. W.** Adenomatous goiter. *Northwest M.*, 1930, 29: 410.—**Rogers, L.** Thyroid adenomata, their varieties and nature and some surgical considerations appertaining to them. *Am. J. Surg.*, 1928, n. ser., 5: 265-71.—**Schiapparelli, M.** Sulla struttura degli adenomi tiroidei. *Pathologica*, Genova, 1937, 29: 482.—**Schlesinger, M. J., Gargill, S. L., & Saxe, I. H.** Studies in nodular goiter; incidence of thyroid nodules in routine necropsies in a nongoitrous region. *J. Am. M. Ass.*, 1938, 110: 1638-41.—**Scheitgart, M.** Les goitres adénomateux: étude anatomique et clinique. *Rev. sudamer. méd.*, Par., 1930, 1: 1193-235.—**Seteann, G. C.** [Treatment of strumous adenopathies] *Spitalul*, 1938, 58: 521.—**Soupault, R., & Bertrand, I.** Adénome du corps thyroïde à type de chorio-épithéliome bénin. *In Trav. Clin. chir. Salpêtrière*, Par., 1926, 179-85.—**Sparrow, T. D.** Adenoma of the thyroid gland. *South. M. & S.*, 1928, 90: 599-605.—**Stebbin-Kaminsky, G. E.** [Nodular forms of goiter] *Vest. khir.*, 1930, 20: 53-7.—**Wendel, A.** Fetal adenoma with hemorrhage, an operative procedure for the relief of asphyxia with case report. *Am. J. Surg.*, 1936, 31: 372-5.

Pathogenesis.

Bianchi, A. E. Anatomia, patologia y patogenia de los bocios. *An. Fac. cienc. méd. La Plata*, 1937, 1: 63-79.—**Breitner, B.** Das Kropfproblem. *Chirurg*, 1930, 2: 1009-12.—**Charvat, J.** [Function of thyroid gland and goitre problem] *Cas. lék. česk.*, 1927, 66: 761; 808; 844.—**Crisalli, M.** Ricerche sperimentali ed istologiche sulla patogenesi del gozzo. *Pathologica*, Genova, 1940, 32: 15-26.—**Depage, P.** La conception actuelle du goitre d'après les travaux américains. *J. chir.*, Brux., 1926, 25: 32-44.—**Grassl.** Zur Kropffrage. *Munch. med. Wschr.*, 1927, 74: 2179.—**Hertzler, A. E.** Pathogenesis of goiter considered as one continuous disease process. *Arch. Surg.*, 1928, 16: 61-78.—**Hoffmann, P.** Beitrag zur Entstehung und Behandlung des Kropfes. *Munch. med. Wschr.*, 1926, 73: 1476.—**Hutton, J. H.** The relation of goiter to other endocrine glands. *Am. J. Surg.*, 1929, n. ser., 6: 28-31.—**Jaensch, W.** Das Kropfproblem und die letzten Ergebnisse der Hautkapillarmikroskopie an Lebenden zur Frage der Differenzierungs-Störungen der Konstitution. *Verhber. Internat. Kropfkong.* (1933) 1935, 2. Konf., 549-65.—**McCarrison, R., & Sankaran, G.** Effect of thyroid cells in vitro of the goitrexia associated with certain conditions of insanitation. *Ind. J. M. Res.*, 1934, 22: 53-7, 3 pl.—**Markowitz, B.** Pathogenesis

of goitre. *Am. J. Clin. Path.*, 1931, 1: 321-31. — The life cycle of the thyroid cell and its relation to goiter. *West. J. Surg.*, 1933, 41: 463-8. — **Messeri, F., & Coulaud, E.** Goiter and thymus gland. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 119. — Contribution à l'étude de l'étiologie du goitre endémique; étude comparative du corps thyroïde et du thymus des rats blancs de Paris, Strasbourg, Lausanne et Zurich. *Ann. Inst. Pasteur, Par.*, 1926, 40: 952-71. — **Mivareidze, S. I.** [Endogenic factors in the etiology of endemic goiter] *Vest. khir.*, 1932, 27: 84-7. — **Okkels, H.** Die Struma-bildung und das Zusammenspiel der endokrinen Drüsen. *Klin. Wschr.*, 1936, 15: 1906-7. — **Pathogénie (La) et la prophylaxie du goitre simple en Roumanie.** *Clinique, Par.*, 1936, 31: 134. — **Pfister, C. R.** Statistische Beiträge zur Kropffrage; über Schilddrüse und Krankheitsbereitschaft. *Schweiz. med. Wschr.*, 1928, 58: 407-9. — **Pighini, G.** Sulla patogenesi del gozzo. *Rass. clin. sc.*, 1936, 14: 25. — **Schneider, R.** Die Jönenvverhältnisse bei Kropf. *Ausz. Inaugur. Diss. Med. Fak. Univ. Bern* (1935-37) 1938, No. 240, 1. — **Susani, O.** Ueber die Sekretionssteuerung der Schilddrüse, ihre Beziehung zur Strumenbildung und die Wirkung des Jodes (einschliesslich des M. Basedowii) *Mitt. Grenzgeb. Med. Chir.*, 1926-27, 40: 154-70. — **Veil, W. H.** Goiter and vegetative nerve system; iodine metabolism, goiter and Graves disease. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 213-9. — **Weitkamp, H.** Ueber eine Kropffamilie mit gehäuftten Störungen der inneren Sekretion. *Hippokrates, Stuttg.*, 1936, 7: 321-5.

Pathology.

KÄBERICH, H. *Ueber zwei Fälle von Parastruma maligna nebst Bemerkungen über ihre Beziehungen zum Kropfsvorkommen im allgemeinen [Marburg] 36p. 8° Hersfeld, 1931.

MONSCH, G. *Das Asehebild der normalen und der kropfigen Schilddrüse zugleich ein Beitrag zur Deutung von Asehebildern. p.479-96. 8° Basel, 1932.

Also Beitr. path. Anat., 1932, 90:

WÖRNER, W. *Untersuchungen über den Jodgehalt des Kropfgewebes. 31p. 22½cm. Würzburg, 1938.

WYDLER, A. Die Histologie der Kretinestruma, mit Berücksichtigung der Klinik des Kretinismus und der funktionellen Untersuchung. 170p. 8° Jena, 1926.

Abelin, C. Ueber den Jodgehalt von Kröpfen im Vergleich zu ihrer histologischen Struktur und ihrer Wirkung im Kaulappenversuch. *Arch. exp. Path., Lpz.*, 1927, 124: 1-40. — **Arnold, L.** Symposium on goiter from the viewpoint of the pathologist. *Chicago M. Rec.*, 1925, 47: 393; 449. — **Asehoff, L.** On the anatomy of goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 1-58. — **Brachetto-Brian, D.** Las bases anatómicas y fisiopatológicas indispensables en la interpretación clínica de los bocio. *Prensa méd. argent.*, 1937, 24: 1308-17. — **Breitner, B.** Pathological physiology of struma. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 152-66. — **Bronstein, I. P., & Milles, G.** Hypothyroidism and cretinism in childhood; postmortem reports on 2 cretins. *Am. J. Dis. Child.*, 1935, 49: 1564-9. — **Bronstein, I. P., & Milliken, M. E.** Hypothyroidism and cretinism in childhood; capillary permeability. *J. Pediat.*, S. Louis, 1934, 4: 648-53. — **Bürkle de la Camp, H.** Die Struma, ihre klinischen Erscheinungen und ihr histologisches Bild. *Deut. Zschr. Chir.*, 1931, 230: 80-5. — **Cardenal y Pérez Vázquez.** Bocio e hipertiroidismo puro. *Med. ibera*, 1927, 21: 445-8. — **Deennan, A. M.** The pathology of goitre. *Med. J. Australia*, 1927, 2: suppl., 23-9, 4 pl. — **Dieterich, H.** Die Bedeutung der Struktur des Trachealknorpels bei Strumen. *Arch. klin. Chir.*, 1927, 147: 285-313. — **Eckstein, A., & Nuelle, M.** Weitere Untersuchungen über den Kropf im Kindesalter; weitere experimentelle Untersuchungen über die Jodresorption in der Schilddrüse. *Zschr. Kinderh.*, 1925-26, 40: 488-92. — **Edelman, L., & Asehnor, P. W.** Surgical pathology of goiter; a comparison with the clinical phenomena in 173 cases. *Am. J. Surg.*, 1928, n. ser., 5: 483-90. — **Emerson, C.** Pathology of goiter. *Nebraska M. J.*, 1926, 11: 411-6. — **Francsek, S.** [Cytological examination of various forms of struma with presentation of clinical cases] *Bibl. laeger*, 1934, 126: 327-79. — **Gerlach, K.** Struma chronica fibrosa retrahens. *Beitr. klin. Chir.*, 1931-32, 154: 563-74. — **Gurevich, G. M.** Dynamische Morphologie des endemischen Kropfes. *Arch. klin. Chir.*, 1933, 174: 542-65. — **Hedry, M.** Die Verwertung des quantitativen Jodgehalts der normalen und pathologischen Schilddrüsen in der Pathologie und Klinik des Kropfes auf Grund vergleichender Untersuchungen. *Ibid.*, 1929, 154: 611-22. — **Hellwig, C. A.** Form und Funktion des nordamerikanischen Kropfes; ein Beitrag zur geographischen Pathologie. *Ibid.*, 1-31. — **Hertz, S., Roberts, A.** [et al.] Radioactive iodine as an indicator in thyroid physiology; iodine collection by normal and hyperplastic thyroids in rabbits. *Tr. Am. Ass. Goiter*, 1939, 260-76. — **Hertzler, A. E.** Pathology of goiter. *Endocrinology*, 1927, 11: 582-8. — **Höjer, J. A.** Kropf und Relief. *Verh. Internat. Kropfkongr.* (1933) 1935, 2. Conf., 565. — **Hofhauser, J.** [Histological findings in 750 cases of goiter] *Orv. hetil.*, 1938, 82: 1093-5. — **Holst, J.** On pathological

anatomy of endemic goiters with special consideration of the Norwegian endemics. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 83-91. — Remarks on the pathological physiology of goiter. *Ibid.*, 229-33. — **Houda, E. O.** Analogies between goiter and other diseases. *Clin. M. & S.*, 1937, 44: 112-4. — **Hunter, W. C., & Seabrook, D. B.** Goitrous enlargement of the thyroid gland due to amyloidosis. *Arch. Surg.*, 1930, 20: 762-6. Also repr. — **Jaffe, R. H.** Tubercle-like structures in human goiters. *Tr. Chicago Path. Soc.*, 1930, 13: 233. Also repr. — **Jansen, W. H., & Robert, F.** Die Jodfrage beim Kropfproblem. *Deut. Arch. klin. Med.*, 1927, 157: 224-46. — **Jessup, D. S. D.** Pathology of goiter. In *Fifth Ave. Hosp. Clin. N. York*, 1927, 223. — **Jordi, A.** The biologic value, iodine content, histologic structural and clinical picture of goiter. *Arch. Int. M.*, 1932, 49: 541-77. Also repr. — **Josselin de Jong, R. de.** Goiter in the Netherlands; discussion on the pathological anatomy of goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 108-16. — [Some gaps in our knowledge of the histology of goiter] *Ned. tschr. geneesk.*, 1928, 72: 236-8. — **Jünnet, W.** Etude des phénomènes sécrétoires dans un corps thyroïde goitreux de souris. *Rev. fr. endocr.*, 1927, 5: 263-74. — **Kimura, M.** Beitrag zur Kenntnis der biologischen Wirksamkeit der verschiedenen Kropfarten. *Arch. klin. Chir.*, 1934, 181: 149-60. — **Kocher, A.** Kropf. In *Spec. Path. Ther. inn. Krankh.* (F. Kraus & F. Brugsch) Berl., 1927, 11: 149-81. — **Lanz, O.** Alpenkropf und Küstenkropf. *Schweiz. med. Wschr.*, 1927, 57: 825-8. — **Leo, E.** Struma del lobo destro tiroideo autonomo ed ectopico con inclusione di una della paratiroide relative pure ectopiche ma normali. *Ann. ital. chir.*, 1931, 10: 1083-94. — **Lewin, H.** Plötzliches und vorübergehendes Abschwellen einer Struma. *Zbl. Gyn.*, 1929, 53: 2094-8. — **Loeper, M., Lemaire, A.** [et al.] Variations de la composition protéique des goitres. *C. rend. Soc. biol.*, 1930, 104: 1200. — **Longhi, L.** Le modificazioni istopatologiche delle tiroidi dei ratti albini vissuti in regione ad endemia gozzigena. *Gior. psichiat.*, 1937, 65: 1-61. — **Lotmar, F.** Entwicklungsstörungen in der Kleinhirnrinde beim endemischen Kretinismus. *Zschr. exp. Neur. Psychiat.*, 1931, 136: 412-35. — **McClendon, J. F.** Das Verhältnis von Kropf zu Basedow'scher Krankheit und das Vorkommen von Jod. *Münch. med. Wschr.*, 1936, 83: 1002-7. — **McIver, M. A., & Harrison, F. F.** Three cases of goiter with hyperthyroidism in which serious complications increased the surgical hazard. In *Clin. Misc. Bassett Hosp.*, 1934, 1: 104-28. — **Marine, D.** Certain features of the morphologic pathology of endemic goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 59-71. — **Markowitz, B.** The goitre cycle and its anatomic findings; a report of 1,028 sectioned goitres. *Am. J. Clin. Path.*, 1939, 9: 93-9. — **Martin, J. D., Jr., & Elkin, D. C.** Goiter, a continuous disease. *Am. J. Surg.*, 1935, 27: 455-63. Also repr. — **Mosto, D.** Bocio; su anatomia patologica. *Dia med.*, B. Air., 1930-31, 3: 47; 58. — **Moulouquet, P.** Les aspects pseudo-tuberculeux rencontrés dans les goitres. *Ann. anat. path.*, Par., 1933, 10: 609-16. — **Okkels, H.** Thyroïde, goitre et appareil de Golgi. *Bull. histol. appl.*, Par., 1931, 8: 277-93. — **Pavlica, F.** [Parenchymatous struma with histologic aspect of hypernephroma] *Bratisl. lek. listy*, 1930, 10: 491-3. — **Payr, E.** Das Kropfproblem. *Jahrskurs. ärztl. Fortbild.*, 1928, 19: 12, 1-22. — **Pentman, I. S.** [Thyroid gland in the light of geographical pathology] *Omsky med. J.*, 1929, 4: 6-10. — **Pulford, D. S.** Surgical pathology of goiter. *Med. Sentinel*, 1928, 36: 672-80. — **Rabinovitch, J., Pearson, J. R., & Louria, H. W.** A clinico-pathological and experimental study of the functional-structural relationship of goiter. *Endocrinology*, 1935, 19: 383-8. — **Saegesser, M.** Jodfraktionen des Kropfes und funktionell Wertigkeit. *Mitt. Grenzgeb. Med. Chir.*, 1932, 43: 55-60. — **Mineralstoffalkalität und Jodgehalt von Kropfgewebe.** *Biochem. Zschr.*, 1932, 254: 475-8. — **Sainton, P., & Simonnet, H.** Sur la teneur en iode de la glande thyroïde chez le goitreux et chez les basedowiens. *Bull. Soc. chim. biol.*, Par., 1930, 12: 773-6. — **Schermann, S. I.** Die Wechselbeziehungen zwischen dem weissen Blutbild der am endemischen Kropf im Tschereznitschgebiet Erkrankten und dem Lebensalter, der Kropfform, dem funktionellen Zustand der Schilddrüse. *Virchows Arch.*, 1932, 284: 929-41. — **Schmidtmann, M.** Vergleichende biologische und histologische Untersuchungen am menschlichen Kropf. *Verh. Deut. path. Ges.*, 1935, 28: 176-8. — **Zimmerle, M.** Anatomische und biologische Untersuchungen am menschlichen Kropfmateriel. *Deut. Arch. klin. Med.*, 1936, 179: 172-87. — **Shee, J. C.** Clinical hypothyroidism in endemic goitre; effect on intelligence. *Irish J. M. Sc.*, 1939, 6. ser., 752-4. — **Straub, J.** Vergleichende Untersuchung der Aschenzusammensetzung von Schilddrüsen und Kröpfen. *Endokrinologie*, 1934-35, 15: 15-25. — **Thompson, R. L.** Some considerations of the pathology of thyroid hyperplasia. *Chicago M. Rec.*, 1925, 47: 329-32. Also *J. Missouri M. Ass.*, 1926, 23: 9-11. — **Toland, C. G., & Kroger, W. P.** Amyloid goiter in amyloidosis. *West. J. Surg.*, 1931, 39: 372-4. — **Topuria, S.** [Histopathology of the endemic goiter in Georgia] *Vest. khir.*, 1937, 54: 63-74. — **Troell, A.** Ueber Azocarmin-Mallory-Färbung von Strumen. *Arch. klin. Chir.*, 1927, 146: 754-62. — **Josephson, B.** Ueber die Wasserstoffionenkonzentration in Strumaoperationspräparaten. *Mitt. Grenzgeb. Med. Chir.*, 1926-27, 40: 550-63. Also *Hygica, Stockh.*, 1927, 89: 35-53. — **Verebely, T.** [Physiopathology of goitre] *Orvosképzés*, 1935, 25: dec. közlön. (T. Verebely Festschr.) 345-59, 4 pl. — **Vos, J. J. T.** [Pathologic-anatomical research on endemic goiter in the Kediri Residency] *Geneesk. tschr. Ned. Indië*, 1933, 73:

1411-34, 3 pl.—Wallwork, D. W. Non-toxic goiter with microscopic hyperplasia. *N. England J. M.*, 1932, 207: 235.—Warthin, A. S. The pathology of goiter. *Proc. Internat. Postgrad. M. Ass. N. America*, (1929) 1930 5: 383-5, 3 pl.—Wegelin, C. The pathologic anatomy of endemic goitre and the control of goitre in Switzerland. *Internat. Clin.*, 1926, 36, ser., 4: 38-46, 8 pl.—Willer, H. Die Funktion der Schilddrüse und Struma im histologischen Bilde; insbesondere bei Hyperthyreosen und unter dem Einfluss von Jodgaben. *Verh. Deut. path. Ges.*, 1934, 27: 202-4, 2 pl. [Discussion] 226-33.

Pharmacology.

Gray, S. H. The effect of potassium iodide, thyroid extract and anterior pituitary extract upon regeneration and early compensatory hypertrophy of the thyroid gland. *Am. J. Path.*, 1929, 5: 415-23. — & Loeb, L. The effect of the oral administration of potassium iodide and thyroid substance on the mitotic proliferation and structure of acini in the thyroid gland in guinea pigs. *Ibid.*, 1928, 4: 257-70, 3 pl.—Harris, P. L., & Remington, R. E. The effect of vitamin A and carotene on goiter due to low iodine intake. *Proc. Am. Soc. Biol. Chem.*, 1939, 9: p. xl.—Krinitsyn, N. J. [Effect of calcium and iodine on the blood in endemic goiter] *Omsky med. J.*, 1929, 4: 20-8.—Marine, D., Baumann, E. J. [et al.] The occurrence of antagoistic substances in plants. *J. Exp. M.*, 1933, 57: 121-37, 2 pl.—Marine, D., Rosen, S. H., & Spark, C. Effect of iodine and desiccated thyroid on anterior pituitary of goitrous and thyroidectomized rabbits. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 803-10.—Rabinovitch, J., & Gray, S. H. The effect of potassium iodine upon the thyroid gland of underfed guinea pigs. *Am. J. Path.*, 1930, 6: 75-7.—Spence, A. W., & Scowen, E. F. The effect of ascorbic acid on experimental goitre. *Biochem. J.*, Lond., 1935, 29: 562-6.

Prevention.

BRAM, I. Goiter prevention and thyroid protection. 327p. 8° Phila., 1928.

HOUDA, E. O. Conquest of goiter. 157p. 16° [Tacoma, Wash., 1936]

HUNZIKER-SCHILD, H. Der Kropf, eine Anpassung an jodarme Nahrung; aprioristische Gedanken über Wesen und Verhütung des Kropfes. 24p. 8° Bern, 1915.

IWANOFF, B. *Untersuchungen zur Frage der Anreicherung des Jodgehaltes in der Frauenmilch. 26p. 8° Münch., 1928.

STEVENS, J. T. The control of goiter; the thyroid in health and disease. 211p. 8° N. Y., 1937.

Balp, S. Gozzo e sale iodato? *Igiene mod.*, 1927, 20: 97-104.—Bleyer, B., & Fischler, F. Zur Beurteilung der Jodfrage und des sogenannten Vollsalses. *Münch. med. Wschr.*, 1931, 78: 742-4.—Breitner, B. Kropfprophylaxe durch Vollsatz. *Wien. klin. Wschr.*, 1926, 39: 42-7.—Câmpéanu, L. [On the importance of iodine in the treatment and prevention of cretinous endemic goiter] *Rev. st. med.*, Bucur., 1925, 14: 344-53.—Chidester, F. E. Iodine and goiter. *Internat. Clin.*, 1925, 35, ser., 3: 69-76.—Eggenberger, H. Ueber eine allgemein durchführbare Prophylaxe von Kropf- und Basedow-Rezidiv. *Helvet. med. acta*, 1936, 3: 103-8.—Fugster, J. Neue Gesichtspunkte in der Prophylaxe gegen den endemischen Kropf und Kretinismus. *Ther. Gegenwart*, 1935, 76: 115-9.—Fellenberg, T. von. Ueber jodiertes Kochsalz. *Mitt. Lebensmittelluntersuch.*, Bern, 1926, 17: 242-50.—Ginsburg, S. Prevention and treatment of goiter. *Hygiea, Chic.*, 1935, 13: 874-6.—Gloël, Kropfprophylaxe mit Vollsatz. *Zschr. Medbeamte*, 1925, 38: 831-7.—Gronover, A., & Wöhllich, E. Ueber die Jodbestimmung in jodiertem Speisesalz. *Zschr. Untersuch. Lebensmitt.*, 1931, 61: 306-14.—Grumme, F. Zur Kropfbehandlung, insbesondere zur Vollsatzprophylaxe. *Zbl. inn. Med.*, 1929, 50: 658-62.—Hurley, T. E. V. The goiter problem, with special reference to aetiology and treatment. *Austral. N. Zealand J. Surg.*, 1938-39, 8: 340-50.—Iodine as a preventive of goitre in man and animals. *Lancet*, Lond., 1935, 1: 1339.—Jarvis, N. D., Clough, R. W., & Clark, E. D. Salmon in a diet for the prophylaxis of goiter. *J. Am. M. Ass.*, 1926, 86: 1339.—Kissinger, P. Einiges über Kropf. *Zschr. Schulgesundhpfl.*, 1928, 41: 604-6.—Knoll, R. F. Iodine in the prevention of goiter. *Pacific Coast J. Homoeop.*, 1926, 37: 283-8.—Kock, C. [Iodine in the prevention of goiter] *Genesck. gids*, 1928, 6: 1113-22.—Lunde, G. Ueber die Geochemie und Biochemie des Jods mit besonderer Berücksichtigung der Kropfprophylaxe in Norwegen. *Wien. klin. Wschr.*, 1927, 40: 1559. — The excretion of iodine through the urine and the goiter prophylaxis with sea-fish. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 502-10.—Maurer, E. Zur Frage der Kropfprophylaxe im Säuglingsalter durch jodangereicherte Milch. *Zschr. Kinderh.*, 1927, 44: 120-3.—Merke, F. Remarks on the lectures on morphology and function of endemic goiter and on the effect of iodine. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 236-42.—Messerli, F. M. Ou en sont les problèmes de l'étiologie et de la prophylaxie du goitre endémique? *Rev. hyg.*, Par., 1939, 61: 321-45.—Milders, H. D. E. [Prevention of goitre by iodine] *Meded. Rijks Inst.*

pharm. ther. onderzoek, 1929, 332-40.—Molina, A. Contributo alla profilassi antistruale. *Terapia*, Milano, 1928, 18: 11-16.—Monroe. Feeding iodine to cows. *Bull. Ohio Agr. Exp. Sta.*, 1929, No. 431, 103-5.—Muggia, G. I cioccolatini antistruali nella profilassi e nella cura del gozzo endemico. *Terapia*, Milano, 1925, 15: 337-40.—Niethammer, W. A. Iodine in the prevention and treatment of goiter. *Northwest M.*, 1937, 36: 211-15.—Pfeiffer, G. Beitrag zur Frage der Jodprophylaxe beziehungsweise der Jodgebenform. *Klin. Wschr.*, 1932, 11: 63-6.—Pighini, G. Gozzismo e iodio; contributo sperimentale. *Riv. sper. freniat.*, 1929-30, 53: 88-116.—Quervain, F. de. Die wissenschaftlichen Grundlagen der Kropfprophylaxe. *Schweiz. med. Wschr.*, 1935, 65: 1157-60.—Scharer, K. Jodproblem und Kropfprophylaxe vom Standpunkt der Agrikulturchemie. *Münch. med. Wschr.*, 1927, 74: 1788-90. — Die Jodanreicherung der Milch durch Jodfütterung und ihr Zusammenhang mit der Frage der Kropfprophylaxe. *Zschr. ges. exp. Med.*, 1927, 56: 677-97. — Jodanreicherung der Milch und Kropfprophylaxe. *Zschr. Kinderh.*, 1927, 44: 124-7.—Shivers, M. O. Means and methods of goiter prophylaxis. *Colorado M.*, 1933, 30: 345-50.—Sloan, H. G. What is the proper strength of iodine salt for goitre prophylaxis? *Ohio M. J.*, 1928, 24: 453-7.—Sommerfeld. Die Einwirkung von Jod auf den endemischen Kropf. *Zschr. Medbeamte*, 1930, 43: 9-23.—Strobel. Kropfverhütung durch Nahrungsjod. *Umschau*, 1926, 30: 818.—Wagner-Jauregg, J. Kropfprophylaxe durch Vollsatz. *Wien. klin. Wschr.*, 1925, 38: 1277-80. Also *Wien. med. Wschr.*, 1925, 75: 2715-8. Also *Med. Klin.*, Berl., 1926, 22: 276. Also *Münch. med. Wschr.*, 1926, 73: 43. — Ueber Kropfverhütung durch jodiertes Wasserleitungswasser. *Wien. med. Wschr.*, 1940, 50: 207.—Wendt, G. von. Zur Biologie des Jods. *Med. Welt*, 1929, 3: 1490-3.—Weston, W. Foods in the solution of the goiter problem. *South. M. J.*, 1930, 23: 479-84. — Studies upon milk in relation to the goiter problem. *J. Tennessee M. Ass.*, 1933, 26: 340-7. — Specially produced milk in the solution of the goiter problem. *South. M. J.*, 1934, 27: 249-54.—Williamson, G. S. Prophylaxis of goitre in fish hatcheries. *Proc. R. Soc. M.*, Lond., 1929-30, 23: Sect. Comp. Med., 24.

Prevention: Results.

PICKEL, E. *Die Bekämpfung des endemischen Kropfes im letzten Jahrzehnt. 59p. 8° Bonn, 1929.

ZELLER, F. *Resultate des ersten Jahres der freiwilligen Kropfbekämpfung in Appenzell a. Rh. [Lausanne] 20p. 8° Basel, 1925.

Blum, F. Gibt es einen von der Schilddrüse abhängigen Jodspiegel des Blutes? zugleich ein Beitrag zur Frage der physiologischen Berechtigung der Jodprophylaxe des Kropfes. *Schweiz. med. Wschr.*, 1927, 57: 808-13.—Cowie, D. M. A study of the effect of the use of iodized salt on the incidence of goiter; first official report of the 1935 Goiter Survey of Michigan. *J. Michigan M. Soc.*, 1937, 36: 647-55.—Eggenberger, H. Risultati della profilassi del gozzo nella Svizzera. *Rass. internaz. clin. ter.*, 1933, 14: 1155-66. — [Results of more than 10 years of application of iodine prophylaxis against endemic goiter] *Genesck. bl.*, 1934, 32: 77-103. — & Messerli, F. M. Theory and results of prophylaxis of endemic goiter in Switzerland. *Tr. Am. Ass. Goiter*, 1938, 64-7. Also *West. J. Surg.*, 1939, 47: 596-9.—Ferrando, G. La lotta sociale contro l'endemia gozzo-cretinica; relazione (triennio 1927-28; 1928-29, 1929-30) Difesa sociale, 1931, 10: 168-71.—Fischler, F. Zur Frage der Kropfprophylaxe durch Vollsatzverwendung. *Münch. med. Wschr.*, 1934, 81: 316-20.—Foteeva, M. N. [On the goiter in Kabardino-Balkaria and results in its control] *Probl. endocr.*, Moskva, 1939, 4: No. 2, 89-101.—Gegenbauer, V., & Gottlieb, K. Beitrag zur Wirksamkeit der Vollsatzprophylaxe der Strumen. *Wien. klin. Wschr.*, 1937, 50: 292-4.—Goytre, G. La profilassi contro il gozzo nelle scuole; relazione dell'esito (anno 1925-26) *Italia san.*, 1926, 18: No. 15, 15.—Hamburger, F. Jodtoleranz kropfiger Kinder. *Arch. Kinderh.*, 1934, 103: 184-6.—Hartsock, C. L. Iodized salt in the prevention of goiter, is it a safe measure for general use? *J. Am. M. Ass.*, 1926, 86: 1334-8.—Hesse, E. Die Jodprophylaxe gegen den Kropf in Preussen und ihre Erfolge; auf Grund der Berichte der Regierungspräsidenten. *Veröff. Medverwalt.*, 1934, 42: 1-11.—Jordi, A. Kropfhäufigkeit und soziale Lage; statistische Untersuchungen an Schulkindern; Fragen der Jodprophylaxe; Verbrauch von jodiertem Kochsalz in der Stadt Zürich; Wirkung der Prophylaxe in der Schule. *Schweiz. med. Wschr.*, 1939, 69: 348-52.—Kimball, O. P. Twenty years in the prevention of goiter (1916-36). *Tr. Am. Ass. Goiter*, 1938, 57-63. Also *Ohio M. J.*, 1939, 35: 705-9.—Laucener, P. Fünfzehn Jahre Kropfbekämpfung in den Schulen der Stadt Bern. *Schweiz. med. Wschr.*, 1936, 66: 207-9. — Statistische Erhebungen über den Kropf bei den Schulkindern im Kanton Bern vor und nach Einführung des jodierten Kochsalzes. *Ibid.*, 1939, 69: 455-8.—McCarrison, R. An experiment in goitre prevention; being the further history of goitre at the Lawrence Royal Military School, Sanawar, India. *Brit. M. J.*, 1927, 1: 94.—McClure, R. D. Iodized table salt and goitre surgery in Detroit. *Wisconsin M. J.*, 1932, 31: 519-23. — Thyroid surgery as affected by the generalized use of iodized salt in an endemic goitre region; preventive surgery. *Tr. Am. Surg. Ass.*, 1934, 52: 455-63. Also *Ann. Surg.*, 1934, 100: 924-32. — The

effect of iodized salt after 12 years general use, upon the incidence of goiter operations in Southern Michigan. *Tr. Am. Ass. Goiter*, 1937, 101-8. Also *J. Am. M. Ass.*, 1937, 109: 782-5.—**McCreary, J. B.** Success or failure of goiter prevention in schools. *Pennsylvania M. J.*, 1930-31, 34: 189-91.—**Mayo, C. H., & Mayo, C. W.** Pre-iodine and post-iodine days: a review of 37,228 cases of goiter at the Mayo clinic. *Collect. Papers Mayo Clin.*, 1935, 27: 472-8. Also *West. J. Surg.*, 1935, 43: 477-82.—**Meisel, P.** Was können wir von einer Kropfprophylaxe erwarten? *Zschr. Bahnärzte*, 1926, 21: 231-9.—**Muggia, G.** La tiroide in Valtellina otto anni dopo l'introduzione del sale iodurato. *Rass. stud. psichiat.*, 1933, 22: 718-28. Also *Verhber. Internat. Kropfkonf.* (1933) 1935, 2. Konf., 548.—**Olesen, R.** The present status of goiter prophylaxis. *Ohio M. J.*, 1929, 25: 281-3.—**Owsald, A.** Ueber die Kropfprophylaxe und ihre bisherigen Ergebnisse. *Schweiz. med. Wschr.*, 1927, 57: 731-5.—**Palmieri, V. M.** La stato attuale della profilassi del gozzo. *Riforma med.*, 1934, 50: 1820-3.—**Reith, J. F.** [Prevention of endemic struma in the years 1931-36]. *Ned. tschr. geneesk.*, 1936, 80: 5665-73.—**Scheurten von, D.** Die Bedeutung der Jodprophylaxe für die innere Sekretion und für die öffentliche Gesundheitspflege. *Zschr. Medbeamte*, 1926, 39: 622-30. — *Die Lehren der Jodprophylaxe.* Med. Korbh. Württemberg, 1927, 97: 57.—**Sepp, H.** Zwei Jahre Vollsals. *Münch. med. Wschr.*, 1926, 73: 1889.—**Steinmann, B.** Ueber den Einfluss der Jodprophylaxe auf die Schilddrüse des Neugeborenen. *Endokrinologie*, 1935-36, 16: 395-411.—**Stocks, P.** On the influence of iodine administration on goitre incidence and physical growth in adolescent girls. *Ann. Eugen.*, 1926-27, 2: 382-94.—**Tubiasz, S.** The results of iodine-salt treatment of endemic goiter in Poland. *Tr. Am. Ass. Goiter*, 1938, 91-7.—**Wagner-Jauregg, J.** Vorläufiger Bericht über Erfolge der Kropfprophylaxe. *Wien. klin. Wschr.*, 1928, 41: 833-5. Also *Wien. med. Wschr.*, 1928, 78: 220. — Das Ende der Kropfprophylaxe durch Vollsals. *Wien. klin. Wschr.*, 1933, 46: 5-9.

Prevention: United States and Latin America.

Andrés, C. Profilaxia del bocio. *Rev. med. cir., Caracas*, 1924-25, 8: 189-99.—**Arias, F. J., & Vidal Güemes, A.** Necesidad del estudio y profilaxis del bocio endémico en la república. *Reun. Soc. argent. pat. region.* (1929) 1930, 5. meet., 2: 858-61.—**Bocio o güegucho;** una enfermedad de fácil prevención. *Bol. san. Guatemala*, 1939, 10: No. 47, 275-9.—**Booth, A. E.** Goiter prophylaxis. *J. Lancet*, 1934, 54: 28-42.—**Burga Hurtado, B.** El bocio endémico y su profilaxis en el Depart. de Amazonas. *Reforma méd.*, Lima, 1938, 24: 967; 986.—**Cameron, A. T.** Iodine prophylaxis and endemic goitre. *Canad. Pub. Health J.*, 1930, 21: 495-506; 541.—**Carrasco Cadenas, E.** Estado de actividad actual del foco asturiano de bocio y cretinismo endémico; justificación de una campaña profiláctica. *Actas Congr. nac. san., Madr.* (1934) 1935, 1. Congr., 3: 265-8.—**Castro Escalada, M.** Profilaxis del bocio. *Rev. Circ. méd. argent.*, 1928, 28: 2041-7.—**Crile, G., & Crile, G., jr.** Prevention and treatment of endemic goiter and its complications. *Med. Clin. N. America*, 1935-36, 19: 1715-24.—**Haggard, W. D.** The deadly trend of goiter and its cure. *Kentucky M. J.*, 1935, 33: 444-8. — A practical summary of the goiter problem. *South. M. & S.*, 1935, 97: 373-6.—**Holder, E. M.** Goiter, a preventable disease; a short review of its medical and surgical aspects. *J. Arkansas M. Soc.*, 1935-36, 32: 51-4.—**Houda, E. O.** A common test tube in the bacteriological conquest of goiter. *Compend M. & S.*, 1931, 9: 199.—**Houssay, B. A.** La lucha contra la endemia bocio-cretinica. *Rev. As. méd. argent.*, 1939, 53: 787-9.—**Howard, R. M.** Etiology and prevention of goiter. *J. Oklahoma M. Ass.*, 1929, 22: 214-7. — **Lingenfelter, F. M.** Prevention of endemic goiter. *Ibid.*, 1934, 27: 11-4.—**Iodine prophylaxis and endemic goiter. *J. Am. M. Ass.*, 1936, 107: 2064.—**Jackson, A. S.** The prevention of goiter in Wisconsin: a challenge to the medical profession. *Wisconsin M. J.*, 1936, 35: 15-8.—**Keith, W. D.** Goitre: from the standpoint of prevention. *Canad. M. Ass. J.*, 1926, 16: 1171-5.—**Kimball, O. P.** The prevention of goiter in Detroit and Cleveland. *J. Am. M. Ass.*, 1931, 97: 1877-9. — Prevention of goiter in Michigan and Ohio. *Ibid.*, 1937, 108: 860-4.—**Labey, F. H.** The goitre problem. *Canad. M. Ass. J.*, 1925, 15: 1026-31.—**McClure, R. D.** Goiter prophylaxis with iodized salt. *Science*, 1935, 82: 370.—**Marine, D.** Simple goiter and its prevention. *J. Am. M. Ass.*, 1926, 87: 1463. Also repr. Also *Northwest M.*, 1928, 27: 363-7. — Prevention of simple goiter as a public health measure. In *Johns Hopkins Univ. School Hyg. De Lamar Lect.*, 1925-26, Balt., 1927, 1-18. — The pathogenesis and prevention of simple or endemic goiter. *J. Am. M. Ass.*, 1935, 104: 2334-41.—**Mazzocco, P.** Investigaciones sobre el bocio endémico y su profilaxis. *Sem. méd.*, B. Air., 1930, 37: 356-8. Also *Reun. Soc. argent. pat. region.* (1929) 1930, 5. meet., 2: 799-841.—**Olesen, R.** What shall be done about goiter prophylaxis? *Am. J. Surg.*, 1929, n. ser., 6: 289-92.—**Potts, W. J.** Community goiter prevention and education. *Illinois M. J.*, 1926, 49: 316-8.—**Quigley, J. M.** Preventive treatment of goiter in schools. *Pennsylvania M. J.*, 1934-35, 38: 185-7.—**Weston, W.** Studies in the prevention of goiter. *West. J. Surg.*, 1933, 41: 582-91. Also repr.**

Prevention: Untoward effects.

Barber, E. W. The use and misuse of iodine in the prevention and treatment of goitre. *Rocky Mountain M. J.*, 1940, 37: 427-9.—**Bram, I.** Is the indiscriminate use of iodine becoming a menace to goiter patients? *Am. Med.*, 1927, 22: 94-6.—**Breitner, B.** Zur Vollsals-Frage. *Wien. med. Wschr.*, 1935, 85: 29.—**Danielopolu, D., Rece, I.** [et al.] Recherches sur les thyroïdies endémiques et sporadiques; tolérance des thyroïdiens à l'iode. *Bull. Acad. méd. Roumanie*, 1937, 3: 268-88.—**Hartsock, C. L.** Abuse of iodine, especially of iodized salt, in the prevention of goiter. *Ann. Int. M.*, 1927, 1: 21-7.—**Herzfeld, E.** Ueber Jodkochsalzschäden. *Med. Klin.*, Berl., 1931, 27: 1634. Also *Verh. Berl. med. Ges.* (1931) 1932, 62: Teil 2, 222-4.—**Jahn, D.** Jodschäden und Vollsalsprophylaxe. *Münch. med. Wschr.*, 1931, 78: 744-7.—**Kimball, O. P.** The efficiency and safety of the prevention of goiter. *J. Am. M. Ass.*, 1928, 91: 454-60. Also repr. Also *West Virginia M. J.*, 1929, 25: 65-79. Also repr.—**Marine, D.** The use and abuse of iodine in the treatment and prevention of goiter. *Ann. Clin. M.*, 1926-27, 5: 942-9.—**Maurer, E.** Jodschäden durch jodangereicherte Nahrungen? *Zschr. Ernährung*, 1931, 1: 267-70.—**Wetherell, F. S.** Dangerous tendencies in iodine therapy. *Am. J. Surg.*, 1927, n. ser., 3: 247.—**Schweishäuser, W.** Jod bei der Kropfbekämpfung; die Gefahren des sogenannten Vollsalses. *Physiatrie*, Berl., 1932, 4: 314-6.—**Zimmerman, H.** Thyreotoxikose durch kleinste Gaben von Jod oder Thymol; Grundsätzliches zur Vollsals-Frage. *Med. Klin.*, Berl., 1932, 28: 1524-6.

Prevention: Various countries.

DIND, E. *Endémie goitreuse et prophylaxie par le sel iodé dans le Canton de Vaud [Lausanne] 47p. 23em. Montreux, 1939.

Ambühl. Die Abgabe von jodhaltigem Kochsalz im Kanton Appenzell A. Rh. Mitt. *Lebensmitteluntersuch.*, Bern, 1923, 14: 79-82.—**Balp, S.** La profilassi del gozzo. *Igiene mod.*, 1926, 19: 129-35.—**Breitner, B.** Die Kropfrage. *Wien. klin. Wschr.*, 1928, 41: 1392. — Forderung nach zielbewussten Vorbeugungsmassnahmen gegen den endemischen Kropf. *Wien. med. Wschr.*, 1940, 90: 4.—**Calizaris, P.** Cura e profilassi iodica antistruemale in un Comune alpino. *Pediat. med. prat.*, Tor., 1931, 6: 712-22.—**Carrasco Cadenas, E.** Bases para la orientación de una posible lucha contra el bocio endémico en España. *Arch. med. Madr.*, 1933, 36: 684-90.—**Cerruti, C. F.** La profilassi dell'endemia gozzo-cretinica in Piemonte. *Difesa sociale*, 1938, 17: 831-46. Also *Rev. hyg. Par.*, 1938, 60: 426-43.—**Coppola, A.** La prevenzione del gozzo endemico. *Difesa sociale*, 1925, 4: 95-7.—**Dalozze, G. A.** Le goitre endémique dans la région du Haut-Ubangi; essai de traitement. *Ann. Soc. belge méd. trop.*, 1933, 13: 133-41.—**Deleonardi, O.** Esperimento di lotta contro il gozzo nelle scuole elementari di Cavalese. *Boll. As. med. trident.*, 1925, 40: 317-20.—**Dieudonné, A.** Prophylaxis of goiter in Bavaria. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 510-4.—**Donath, W. F.** [Goiter and goiter prevention]. *Med. dienst volksgez.* *Ned. Indië*, 1929, 18: 295-315. pl.—**Fairley, K. D.** Goitre prophylaxis. *Med. J. Australia*, 1931, 2: 681-4.—**Ferrando, G.** La lotta contro il gozzo. *Igiene e vita*, 1926, 9: 59-61.—**Fischler, F.** Die Kropfbefreiung der Gesamtbevölkerung; eine eugenische Forderung. *Deut. med. Wschr.*, 1939, 65: 121-4.—**Gersbach, A.** Das Vorkommen des Kropfes im Taunus und die Bekämpfungsmassnahmen. *Veröff. Medverwalt.*, 1925, 20: 289-309.—**Gibson, G., & Backman, A.** [Prevention of goiter in Sweden]. *Sven. läk. tidn.*, 1927, 24: 1317-20.—**Giglio, F.** Che cosa è il gozzismo e problemi sociali riguardanti la sua cura preventiva. *Rass. clin. ter.*, 1925, 24: 298-305.—**Graemiger, O.** Ein Wunsch an die Eidgenössische Kropfkommission. *Schweiz. med. Wschr.*, 1927, 57: 1176.—**Haas, J. H. de.** On goitre and control of goitre in the tropics. *Med. dienst volksgez.* *Ned.*, Indië, 1930, 19: 191-5.—**Hathaway, J. C.** The prevention of simple goitre. *Med. Press. & Circ. Lond.*, 1925, n. ser., 120: 341-5.—**Hercus, C. E., & Roberts, K. C.** The iodine content of foods, manures and animal products in relation to the prophylaxis of endemic goitre in New Zealand. *J. Hyg.*, Camb., 1927-28, 26: 49-83.—**Josselin de Jong, R. de.** Die Bekämpfung des Kropfes in den Niederlanden. *Schweiz. med. Wschr.*, 1938, 68: 813-5.—**Koopman, J.** [The goitre question]. *Geneesk. gids*, 1925, 3: 5; 32; 77; 109.—**Krahn, H.** Der Kropf im Freistaat Sachsen, seine Verbreitung und Bekämpfung. *Zschr. Medbeamte*, 1928, 41: 187-94.—**Lauerer, P.** Ein Beitrag zur Begründung der Notwendigkeit einer planmässigen Kropfbekämpfung. *Schweiz. med. Wschr.*, 1936, 66: 189. — Kropf und Kropfbekämpfung. *Umschau*, 1939, 43: 831-3.—**Lunde, G.** Biochemie des Jods und Kropfprophylaxe in Norwegen. *Wien. med. Wschr.*, 1927, 77: 1737.—**Mazzocco, P.** Metabolismo del iodo y profilaxis del bocio endémico en Salta. *Reun. Soc. argent. pat. region.* (1929) 1930, 5. meet., 2: 835-9.—**Messeri, M.** Prophylaxis of endemic goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 527. — L'etiologie et la prophylaxie du goitre endémique. *Rev. méd. Suisse rom.*, 1928, 48: 190-212.—**Muggia, G.** La lotta contro il gozzo. *Gior. psichiat.*, 1923, 51: 196-8. — The prophylaxis of endemic goiter. *Rep. Internat. Conf. Goiter* (1927) 1929, 1. Conf., 459-70.—**Nicolaysen.** Aetiology and prophylaxis of goiter in Norway.

Ibid., 498-502.—**Olesen, R.** Endemic goiter in Switzerland: a review of recent contributions to its etiology, incidence, and prevention. Pub. Health Rep., Wash., 1933, 48: 651-65.—**Oliaro, G.** La lotta contro il gozzo endemico. Minerva med., Tor., 1927, 7: 1144-7.—**Oswald, A.** Die Bekämpfung des Kropfes. Umschau, 1928, 32: 205.—**Palmieri, V. M.** Il gozzo e la sua profilassi. Rass. internaz. clin. ter., 1925, 6: 598-603.—**Pende, N.** Salviamo i lavoratori dei campi dalla degenerazione per gozzismo. Italia san., 1931, 23: No. 23, 3.—**Pfäuger, J.** Die Praxis der Kropfverhütung in der Schule. Zschr. Schulgesundhpf., 1926, 39: 112-20.—**Prophylaxis of goiter in Austria.** J. Am. M. Ass., 1939, 112: 1008.—**Quervain, F. de.** Ueber Kropfprophylaxe. Naturwissenschaften, 1926, 14: 1147-54.—**Der Stand der Kropfbekämpfung in der Schweiz.** Münch. med. Wschr., 1934, 81: 1020-3.—**Scharer, K.** Prophylaxis of the endemic struma. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 522-7.—**Scheurlen, von.** Der Kropf und seine Bekämpfung in Württemberg. Zschr. Hyg., 1925, 105: 45-66.—**Schütz, C.** [Goiter prevention a general hygienic problem] Norsk mag. lægevid., 1929, 90: 361-78.—**Schnetz, A.** Beitrag zur anatomischen Kontrolle der Jodprophylaxe des endemischen Kropfes. Ausz. Inaugur. Diss. med. Fak. Univ. Bern (1935-37) 1938, No. 176, 1. Also Endokrinologie, 1937, 19: 164-79.—**Silberschmidt, W.** The prophylaxis of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 471-92.—**Die Aufgaben der Kropfbekämpfung in der Schweiz mittelst Jod.** Schweiz. med. Wschr., 1927, 57: 845.—**Sommerfeld.** Jodstoffwechsel und Kropfbekämpfung. Zschr. Medbeamte, 1929, 43: 335-41.—**Stüner, O.** Jodiertes Kochsalz für die ganze Schweiz. Schweiz. med. Wschr., 1928, 58: 1014-6.—**Trikurakis, G. A.** Gozzismo, teoria silicea e profilassi iodica. Policlinico, 1940, 47: sez. prat., 87-95.—**Vontobel, M.** Zur Kropfprophylaxe in der Schule. Schweiz. med. Wschr., 1931, 61: 1256.—**Wagner-Jauregg, J.** Kropfverhütung. Naturwissenschaften, 1926, 14: 1141-7.—**Prophylaxis of endemic struma.** Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 444-59.—**Ueber die Ausbreitung der Kropfprophylaxe durch jodiertes Speisesalz.** Wien. klin. Wschr., 1937, 50: 797-9.—**Wegelin.** Anatomische Kontrolle der Jodprophylaxe des endemischen Kropfes. Schweiz. med. Wschr., 1936, 66: 1064.—**Wheatley, J.** Prevention of goitre. J. R. San. Inst., Lond., 1925-26, 46: 313-9. Also Med. Off., Lond., 1925, 34: 161-3.—**Wiesel, J., & Kretz, J.** Zur Kropfprophylaxe. Wien. klin. Wschr., 1928, 41: 234.—**Wittebner, H. T.** On prophylaxis of endemic goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 496-8.

Recurrence.

BÄRWINKEL, G. *Ueber die Häufigkeit der Strumarezidive (in Beziehung zu Alter, Zeit der Operation, Geschlecht, Art der Struma) [Jena] 35p. 21cm. Lengerich i. W., 1936.

FRÖHLICH, G. *Ueber die Beziehungen zwischen Strumarezidiven und der Keimdrüsenfunktion der Frau [Jena] 35p. 22cm. Düsseldorf, 1937.

Also Zbl. Chir., 1938, 65: 372-84.

HÖHN, K. *Wandlungen in der Frage der sogenannten Kropfrezidive [Würzburg] 13p. 8°. Borna-Lpz., 1933.

JOHN, B. *Ueber Kropfrezidive nach Radikaloperation. 26p. 8°. Würzb., 1926.

Else, J. E. Regeneration of the thyroid gland and the prevention of recurrent goiters. J. Am. M. Ass., 1927, 89: 2153-8.—**Prevention of recurrent goiter.** Surg. Clin. N. America, 1928, 8: 1375-94.—**The present status of our knowledge of recurrent goiters.** Tr. West. Surg. Ass. (1929) 1930, 39: 51-76. Also West. J. Surg., 1930, 28: 595-604.—**Giordanengo, G., & Pohl, H.** Les récidives post-opératoires du goitre non baséodien. Bruxelles méd., 1936-37, 17: 650-71.—**Houda, E. O.** Why goiter recurs. Clin. M. & S., 1935, 42: 376.—**Jorns, G.** Zur Verhütung der Kropfwiederkehr. Zbl. Chir., 1938, 65: 974-7.

Research [and problems]

HERCUS, C. E. Goitre in the light of recent research [Cawthron lecture] 22p. 8°. Nelson, 1930.

Arndt, H. J. Ueber Aufgaben und Ziele der Kropfforschung im heutigen Russland. J. Psychol. Neur., Lpz., 1929, 39: 236-53.—**Austin, M. A.** Some neglected factors in the goitre problem. J. Indiana M. Ass., 1926, 19: 478-81.—**Batchelor, F. S.** Goitre; a review of the work at the Dunedin Hospital Goitre Clinic. N. Zealand M. J., 1935, 34: 147-53.—**Biancalana, L., & Borsotti, P. C.** Ricerche clinico-morfologico-funzionali sul gozzo. Clin. chir., Milano, 1935, n. ser., 11: 790-818.—**Bircher, E.** Die Kropfrage. Schweiz. med. Wschr., 1927, 57: 803-7.—**Klinische Anregungen zu einigen Fragen des Kropfproblems.** Ibid., 1928, 58: 527-9.—**Blum, F.** Mitteilung zum Kropfproblem. Ibid., 1929, 59: 545.—**Einige neue Gesichtspunkte in der Kropfrage.** Verhber.

Internat. Kropfkongf. (1933) 1935, 2. Kongf., 595-604.—**Breitner, B.** Der Stand der Kropffrage. Wien. med. Wschr., 1928, 78: 1639-41.—**Ciechanowski, S.** Zur Kropffrage. Virchows Arch., 1934, 293: 97-112, map.—**Crotti, A.** Some of the new phases of the goiter problem. Tr. Kansas City Acad. M. (1935-37) 1937, 185-206.—**Research on the etiology of endemic goiter.** Tr. Internat. Coll. Surgeons, 1938, 1: 38-54.—**Danielopolu, D., Nichita [et al.]** Recherches sur les thyroïdies endémiques et sporadiques. Bull. Acad. méd. Roumanie, 1937, 3: 33; 43; 57; 65; 75; 78; 97; 108; 231.—**Danielopolu, D., Stoichitza & Cosma.** Recherches sur les thyroïdies endémiques et sporadiques; enquête scolaire dans le district de Sibiu (Transylvanie) Ibid., 227-31, map.—**Recherches sur le goitre endémique (endémie thyroïdienne)** Bull. Off. internat. hyg. pub., Par., 1936, 28: 296-315.—**Dieterle & Eugster.** Ergebnisse einer neuen Kropfexpedition. Verhber. Internat. Kropfkongf. (1933) 1935, 2. Kongf., 495-7.—**Hämmerli, M.** Zum Kropfproblem. Schweiz. med. Wschr., 1931, 61: 881-5.—**Haggard, W. D.** Recent developments in the study and surgery of goiter. J. M. Ass. Alabama, 1936-37, 6: 157-62.—**Hayes, J. M.** Some phases of the goiter problem. J. Lancet, 1926, 46: 149-51 [Discussion] 153.—**Hercus, C. E., & Purves, H. D.** Studies on endemic and experimental goiter. J. Hyg., Camb., 1936, 36: 182-203.—**Höjer, J. A.** [Research on goiter] Nord. hyg. tskr., 1928, 9: 61-126, 5 ch.—**Hume, W. I.** Some goitre problems. Kentucky M. J., 1939, 37: 209-13.—**Josselin de Jong, R. de.** [The present status of the goitre problem] Genesck. bl., 1927-28, 26: 87-164.—**Kolle, W.** Comments on the aetiology and prophylaxis of goiter. Rep. Internat. Conf. Goiter (1927) 1929, 1. Conf., 394-7.—**Lang, T.** Bisherige Ergebnisse der bayerischen Kropf- und Kretinenuntersuchung. Wien. klin. Wschr., 1938, 51: 295-8.—**Liek, E.** Das Kropfrätsel. Aertzl. Rdsch., 1928, 38: 365; 382; 1929, 39: 4.—**McCarrison, R., & Madhava, K. B.** The life line of the thyroid gland; a contribution to the study of goitre. Ind. J. M. Res., 1932, Suppl. No. 23, 1-13.—**Maier, O.** Ueber das Schilddrüsenproblem. Schweiz. med. Wschr., 1928, 58: 1109.—**Merke, F.** Erwiderung auf die Arbeit: Ueber das Schilddrüsenproblem von Dr. O. Maier. Ibid., 1929, 59: 291.—**Mező, A.** Beiträge zur Strumafrage. Wien. klin. Wschr., 1926, 39: 326.—**Muggia, G.** Il contributo italiano allo studio del problema del gozzismo. Difesa sociale, 1931, 10: 8-12.—**Nestoresco, B.** Recherches sur les thyroïdies endémiques et sporadiques. Bull. Acad. méd. Roumanie, 1938, 3: 63-76.—**Pizhini, G.** Le nuove ricerche sulla etiologia del gozzo endemico. Riv. sper. freniat., 1933, 57: 937-63. Also Verhber. Internat. Kropfkongf. (1933) 1935, 2. Kongf., 404-35.—**Schittenhelm, A.** Schilddrüsenproblem und Jodstoffwechsel. Deut. med. Wschr., 1932, 58: 803-6.—**Schmitz-Moormann, P.** Zur Strumafrage. Mitt. Grenzgeb. Med. Chir., 1926, 39: 82-116.—**Sierra, L.** A propósito del bocio; estado actual del problema. Bol. Soc. cir. Chile, 1930, 8: 307-41.—**Spatz, H.** Vergleichende klinische, histologische, chemische und biologische Studien am Münchener Kropfmateriale. Deut. Arch. klin. Med., 1927-28, 158: 257-335.—**Studies on goitre.** N. Zealand M. J., 1928-29, 18: 430-8.—**Thomann, H. E.** Zum Kropfproblem. Tr. Jap. Path. Soc., 1926, 16: 56-8.—**Van Meter, S. D.** A review of the goiter problem. Colorado M., 1932, 39: 5-11.

Research: Congresses and societies.

AMERICAN ASSOCIATION FOR THE STUDY OF GOITER. Transactions. Portland, Oreg., 1937-39.

INTERNATIONALE KROPFKONGFERENZ.—1. KONGFERENZ, BERN, 1927. Bericht. 569p. 8°. Bern, 1928.

— 1. Report. Bern, 1929.

— 2. Konferenz, Bern, 1933. Verhandlungsbericht. Bern, 1935.

Abelin, J. Erste internationale Kropfkongferenz in Bern. Med. Klin., Berl., 1928, 24: 317.—**Annual meeting of the American Association for the Study of Goiter.** J. Iowa M. Soc., 1934, 24: 251.—**Châtenay, G.** La conférence internationale du goitre à Berne. Praxis, Bern, 1927, 16: H. 38, 1-7.—**Commission Suisse du goitre.** Bull. Eidg. Gesundheits., 1933, Bell. 18, 1-4.—**Eerland, L. D.** [Second international goitre conference, Bern, 10-12 August, 1933] Genesck. tschr. Ned. Indië, 1933, 73: 1659-73.—**Eggenberger, H., & Merke, F.** Bericht über die III. Internationale Kropfkongferenz in Washington. Schweiz. med. Wschr., 1938, 68: 1322-4.—**His, W.** Die internationale Kropfkongferenz in Bern. Klin. Wschr., 1927, 6: 1913.—**Klose, Die 2. Internationale Kropfkongferenz in Bern vom 10.-12. August 1933.** Endokrinologie, 1933-34, 13: 366-79.—**Poer, D. H.** Goiter conference. J. M. Ass. Georgia, 1939, 28: 459.—**Simons, L. H.** [The Third international conference on goiter and certain views on the origin and control of endemic goiter in the Netherland Indies] Genesck. tschr. Ned. Indië, 1939, 79: 1418-29.—**Third (The) international goiter conference, Washington, D. C., September 12 to 14, 1938.** West. J. Surg., 1938, 46: 506.—**Van Meter, S. D.** Origin, aims and policy of the American Association for the Study of Goiter. Am. J. Surg., 1929, n. ser., 7: 1-3.—**Yearly transactions of the American Association for Study of Goiter.** West. J. Surg., 1940, 48: 587.

Size.

Broc, R., & Lavault. Un cas de goître volumineux. Tunis. méd., 1929, 23: 335.—Chahine. Un gros goître chez une adolescente. Rev. prat. mal. pays chauds, 1937, 17: 262-4.—Goris. Sur un cas de goître géant; présentation de la tumeur et de l'opéré. Bull. Soc. belge otol., 1940, 9: 111.—Holtzinger, H. Zur Methodik der Kropfmessung. Deut. med. Wschr., 1928, 52: 1994.—Jeanbarnat. Observation de goître volumineux chez un crétin. J. méd. Toulouse, 1855, 2. ser., 5: 65-9.—Leland, S. J., Arenberg, H., & O'Connor, J. J. An unusually large goiter. Hosp. News, Wash., 1939, 6: No. 10, 41, illust.—Maurer, E. Zur Methodik der Kropfmessung. Deut. med. Wschr., 1926, 52: 994-6.

Social and life-insurance aspect.

Carber, F. H. Goiter; 15 years underwriting experience. Abstr. Proc. Ass. Life Insur. M. Dir. America, 1937, 24: 212-28.—Goiter as a national problem in Finland. J. Am. M. Ass., 1939, 113: 1892.—Henry, C. K. P. Goiter and its relationship to industry. Canad. M. Ass. J., 1930, 23: 51-3.—Kimball, O. P. Endemic goiter and public health. Am. J. Pub. Health, 1928, 18: 587-601.—Klein. Kropf und soziale Lage. Münch. med. Wschr., 1926, 73: 1199.—Lavitola, G. Il gozzismo come problema sociale. Osp. psichiat., Nap., 1940, 8: 41-8.—Olesen, R. The public health aspects of goiter. Nat. Elect. M. Ass. Q., 1927-28, 19: 46-50.—Taylor, N. E. Endemic goiter and school absenteeism. Pub. Health Rep., Wash., 1926, 41: 2459-68.—Schwartzman, M. [Social importance of endemic goiter] Mosk. med. J., 1930, 10: 20-3.—Thornton, W. E. Insurance hazard in goiter. Med. Insur., 1928-29, 44: 474-7.

Statistics.

Ambrosi, V. Il gozzismo di fronte al problema demografico secondo gli ultimi dati statistici. Riv. osp., 1939, 29: 271-95.—Black, S. O. Observations of goitre (based on 291 cases) Internat. Clin., 1926, 36. ser., 4: 47-52.—Goiter; report of 235 cases. South. M. J., 1926, 19: 453-6.—Bram, I. Experiences with 10,000 goiter patients. J. Med., Cincin., 1928-29, 9: 268-79.—Brown, E. G. Thyroid survey of 7,051 students in grade and high schools in Topeka. J. Kansas M. Soc., 1926, 26: 8-12.—Cunningham, R. Enlarged thyroids in University of California women students; studies in incidence as related to residence. California West. M., 1926, 25: 617-9.—Fallscheer-Zürcher, J. Statistische Beiträge zum Kropfproblem. Schweiz. med. Wschr., 1928, 58: 243-5.—Goche, A. Jahresstatistik über das Vorkommen von Kropf. Münch. med. Wschr., 1928, 75: 858.—Götzl, A. Zur Frage der Schilddrüsenvergrößerung. Wien. med. Wschr., 1929, 79: 245-7.—Masini, A. Il gozzo importato e il gozzo locale nelle statistiche. Verh. Internat. Kropfkongr. (1933) 1935, 2. Kont., 540-5.—Pfister, C. R. Statistische Beiträge zur Kropffrage. Schweiz. med. Wschr., 1927, 57: 836-40.—New ideas about goitre statistics and investigation. Tr. Far East. Ass. Trop. M., 1930, 1: 32-8.—Van Meter, V. C. A goiter survey in the public schools of Denver. Chicago M. Rec., 1925, 47: 396.—Villata, G. Osservazioni su 151 casi di struma. Cancro, Tor., 1934, 5: 118-33, 5 pl.—Wagner-Jauregg, J. Die Kropfwelle. Wien. med. Wschr., 1930, 80: 63.—Waits, C. E., & Leadingham, R. S. Clinical and pathological observations on 100 cases of goiter. J. M. Ass. Georgia, 1926, 15: 39-43.

Surgery.

See also **Thyroid, Surgery.**

BARTLETT, W. The surgical treatment of goiter. 365p. 4°. S. Louis, 1926.

BÉRARD, L., & DUNET, C. Affections chirurgicales du corps thyroïde; goitres. 659p. 24½cm. Par., 1929.

STAERMAN, L. *Contributions à l'étude du traitement chirurgical du goitre simple et de ses récidives. 109p. 8°. Par., 1936.

URBAN, K. Die Chirurgie des Kropfes. 85p. 8°. Lpz., 1931.

Aróstegui, G. E. Tratamiento quirúrgico del bocio. Rev. med. cir. Habana, 1926, 31: 459-78, pl. Also Rev. méd. cubana, 1926, 37: 1082-94.—Bergercr. A propos des goitres. Mém. Acad. chir., Par., 1938, 64: 550-2.—Breitner, B. Die Chirurgie des Kropfes. Wien. med. Wschr., 1926, 76: 580; 790.—Buford, R. K. Surgical treatment of goiter. West Virginia M. J., 1928, 24: 166-9.—Crile, G. W. Surgical treatment of goiter. Radiology, 1926, 6: 315-7.—Das Gupta, S. C. Surgical treatment of goitre. Anti-epilept. Madras, 1932, 29: 651-6, pl.—Eimer, S. M. [Operative treatment of goiter] Kazan. med. J., 1926, 22: 400-2.—Fahni, G. S. The surgical treatment of goitre. Canad. M. Ass. J., 1926, 16: 1188-94.—Finocchio, E. Cirugía del bocio. Dia méd., B. Air., 1938, 10: 280-5.—Goff, W. R. Surgical treatment of goiter. West Virginia M. J., 1927, 23: 24-6.—Haggard, W. D. Surgery of goiter. South. M. J., 1927, 20: 281-3.—Hagerty, J. F. Observation of goiter. Surg. Clin. N. America, 1926, 6: 1555-62.—Heyd, C. G. Goiter surgery. J. M. Soc. N. Jersey, 1936, 33: 345-51.—Klots, T. S. [Surgical treatment of thyroid enlarge-

ment] Geneesk. gids, 1926, 4: 342; 367; 391.—Lennie, T. H. The surgical goitre. Canad. M. Ass. J., 1928, 19: 687-91.—Link, G. Goiter; its surgical treatment. Indianapolis M. J., 1928, 31: 301-4.—Lowman, K. E. Surgical goiter. U. S. Nav. M. Bull., 1931, 29: 602-8.—McKay, H. S. Surgical management of the goiter patient. J. Missouri M. Ass., 1926, 23: 4-6.—Malinovsky, S. L. [Problem of goiter] Vest. khir., 1929, 17: 113-8.—Moorhead, E. L. Symposium on goiter from the viewpoint of the surgeon. Illinois M. J., 1925, 48: 444-7.—Pemberton, J. deJ. Progress in knowledge of goiter with particular attention to surgical treatment. Minnesota M. J., 1929, 22: 676-81.—Petitclerc, J. L. Le traitement chirurgical du goitre. Laval méd., 1939, 4: 377-80.—Poate, H. R. Some surgical aspects of the goitre problem. Med. J. Australia, 1936, 1: 842-7.—Quervain, F. de. Das Kropfproblem. Chirurg, 1933, 5: 817-23.—Curtis, G. M. The operative treatment of goiter. Surg. Gyn. Obst., 1926, 43: 498-504.—Riadnov, S. M. [Clinical and operative treatment of endemic goiter in the Adygei autonomic district] Tr. Kuban. gosud. med. inst. armii, 1938, No. 11, 166-78.—Robertson, C. H. Surgical treatment of goitre. Med. J. Australia, 1927, 2: suppl., 33-6.—Smith y Leal, R. Tratamiento quirúrgico del bocio. Rev. méd. cubana, 1940, 51: 174-81.—Straus, D. C. Present day views on goiter, from the standpoint of the surgeon. Illinois M. J., 1928, 54: 101-10.—Tebroke, R. Ueber die Operation des Kropfes mit Einbeziehung des Basedowkropfes. Fortsch. Ther., 1935, 11: 100-4.—Van Meter, S. D. Goiter (from surgical viewpoint) Colorado M., 1926, 23: 282-7.—Wylie, LeR. A. Surgical treatment of goiter. J. Florida M. Ass., 1926-27, 13: 63-6.

Surgery: Anesthesia.

DeCourcy, J. L. Thyroidectomy anesthesia; a study of different methods of anesthesia used in 4,000 goiter operations. Am. J. Surg., 1928, n. ser., 5: 170-3. Also Brit. J. Anaesth., 1928-29, 6: 40-7.—Nitrous acid and oxygen anesthesia for goiter operations. J. Med., Cincin., 1928-29, 9: 382-4. Also Current Res. Anesth., 1929, 8: 230-2.—Fischel, E. The choice of an anesthetic in goiter operations. J. Missouri M. Ass., 1926, 23: 6-8.—Friedrich, H. Ueber Gefahren der paravertebralen Injektion bei der Kropfanästhesierung. Zbl. Chir., 1926, 53: 1441-5.—Giordanengo, G. L'anestesia negli interventi per gozzo. Gior. ital. anest., 1935, 1: 566-8.—Günther, W. Vereinfachte Technik der örtlichen Betäubung bei Kropfoperationen. Zbl. Chir., 1938, 65: 1801-3.—Have-man, G. A. A personal method of gas-oxygen anesthesia and its special application to goiter surgery. Current Res. Anesth., 1929, 8: 193-5.—Holzer. Die Schmerzlosigkeit der Kropfoperation. Münch. med. Wschr., 1929, 76: 496.—Kast, M. B. Clinical observations on anaesthesia for goiter surgery. Brit. J. Anaesth., 1927, 5: 45.—Kulenkampff, D. Vereinfachte Technik der örtlichen Betäubung bei Kropfoperationen nach Günther. Zbl. Chir., 1939, 66: 1266.—Luchetti, S. E., & Belchor, G. Bocio; anestesia local; técnica. Sem. méd. B. Air., 1940, 47: 150-3.—Lundgren, A. Zur Frage der Lokalanästhesie oder Narkose bei Strumaoperationen. Arch. klin. Chir., 1927, 147: 542-54. Also Sven. läk. tidn., 1927, 24: 473-86.—McKesson, E. I. Anesthetics in relation to goiter. Am. J. Surg., 1929, n. ser., 7: 187-90. Also repr.—Rowlands, R. P. Goitre: operation under twilight sleep and local anaesthesia. Clin. J. Lond., 1930, 59: 397.—Sloan, H. G. Amytal as an anesthetic in operations for goitre, the oral administration of barbituric acid compounds. Ann. Surg., 1930, 91: 901-7.—Tiffin, C. C. Some experiences in local anesthesia in goiter surgery. Northwest M., 1925, 24: 614-7.—Wetherell, F. S. The surgeon and anesthesia in goiter surgery. Am. J. Surg., 1933, 19: 342-46. Also repr.

Surgery: Complication.

BURCHARDT, E. S. *Die sogenannte doppel-seitige Psoiculuslähmung nach Strumaoperation und ihre Behandlung [Jena] 32p. 8°. [De-litzsch] 1926.

MORGEN, W. *Eitrige Pericarditis nach Strumektomie. 35p. 23cm. Berl., 1937.

RÜTTGERS, H. *Fisteln nach Kropfoperationen. 18p. 8°. Heidelb., 1929.

SCHANO, W. *Schilddrüse und Nervus Recurrens; ein Beitrag zur Recurrenslähmung durch Struma benigna und nach Kropfoperationen unter Berücksichtigung der Fälle an der Würzburger chirurgischen Universitätsklinik von 1928 bis März 1935. 33p. 8°. Würzb., 1935.

SCHMIDTMANN, E. *Ueber die Häufigkeit der postoperativen Kropffisteln. 13p. 8°. Würzb., 1931.

TOMKIEWICZ, N. O. *Indications of heart strain in goiter surgery. 5 l. 4°. Terre Haute, Ind., 1929.

Calinich, G. Symmetrische Embolie beider Arteriae brachiales nach Strumektomie. Chirurg, 1928-29, 1: 313-5.—Clute, H. M. The operative mortality in goiter. N. England

J. M., 1932, 1240-3.—Coyon, A., & Bourguignon, G. Un cas de tétanie consécutive à une thyroïdectomie totale extracapsulaire pour goitre en voie de transformation maligne; étude de la chronaxie. *Bull. Soc. méd. hôp. Paris*, 1927, 3. ser., 51: 177-84.—Dannheisser, F. Zur Frage der latenten Tetanie nach Kropfoperationen. *Zbl. Chir.*, 1927, 54: 2757-9.—Doerfler, H. Ueber plötzliche Todesfälle nach Strumektomien aus einem Material von 1.000 Kropfoperationen. *Beitr. klin. Chir.*, 1926, 137: 465-92.—Eichelter, G. Zur Frage der Fistelbildung und der Ligatureirritationen nach Kropfoperationen. *Arch. klin. Chir.*, 1927, 144: 1-17.—Ernstene, A. C., & Mulvey, B. E. A study of auricular fibrillation following operations for goiter. *Am. J. M. Sc.*, 1934, 188: 382-7.—Fahrni, G. S. Some complications and their prevention in goiter surgery. *Am. J. Surg.*, 1927, n. ser., 2: 350-3.—Gillespie, M. G. Postoperative hypothyroidism. *Minnesota M.*, 1930, 13: 235-7.—Glasscheib, A. Ueber strumiprivate Schwerhörigkeit. *Msehr. Ohrenh.*, 1929, 63: 683.—Goetsch, E. Mortality in goitre operations; an analysis of a series of 1,755 operations during the 10-year period, 1920-29, incl. *Ann. Surg.*, 1931, 94: 167-78.—Goodall, J. S., & Rogers, L. Thyroid operations and goiter-heart (Kropfherz). *Internat. J. Surg.*, 1926, 39: 6-9.—Heindl, A. Laryngospasmus bei Tetanie nach Strumaoperation. *Arch. Ohr. & Heilk.*, 1929, 122: 124-9.—Heineck, A. P. Complications des opérations pour goitre simple. *Gaz. sc. méd. Bordeaux*, 1925, 46: 611-9. Also *Med. Herald*, 1926, 45: 148-55.—Hösslin, R. von. Ueber Anfälle von Arrhythmia perpetua mit Vorhofflimmern nach Kropfoperationen bei Basedow und Dysthyreosen. *Münch. med. Wschr.*, 1927, 74: 186-8.—Holst, J. [Changes in the larynx and trachea, following strumectomy]. *Norsk. mag. laegevid.*, 1936, 97: Forh. kir. foren. Oslo, 17-21.—Junghanns, H. Perforation liegendebliebener Tupfer in die Trachea 10 Monate nach Strumektomie. *Zbl. Chir.*, 1930, 57: 1055-8.—Kast, H. Katarakt nach Strumektomie. *Zschr. Augenh.*, 1926, 59: 357-63.—Keis, J. Studien zur Genese des Mediastinalemysems und des Pneumothorax bei Kropfoperationen. *Münch. med. Wschr.*, 1934, 81: 669.—Kees, G. N. [Strumectomy and pulmonary tuberculosis]. *Vrach. delo*, 1934, 17: 651-6.—Kirstein, L., & Lövgren, O. Chronische Polyarthrit nach subtotaler Strumektomie. *Arch. klin. Chir.*, 1938, 191: 29-35.—Klose, H. Gefahren der Kropfoperationen. *Zbl. Chir.*, 1926, 53: 1691.—Kreke, A. Todesfälle nach Operation gewöhnlicher Kröpfe. In his *Beitr. prakt. Chir.*, 1934, 153-6.—Laméris [Complications of strumectomy]. *Ned. tschr. geneesk.*, 1928, 72: 628-38.—Lenshoek, C. H. [Malignant exophthalmus following strumectomy]. *Ibid.*, 1937, 81: 3791-4.—Lewine, M. M. Sur le traitement de la tétanie après strumectomie à l'aide de la transplantation d'un os bouilli suivant la méthode d'Oppel. *Lyon chir.*, 1934, 31: 164-78.—Lieblein, V. Tödliche Lungenembolie nach Kropfoperation. *Med. Klin.*, Berl., 1932, 28: 292.—Liek, E. Erfolgreiche Kropfoperation bei nicht erkanntem Oesophagusdivertikel. *Zbl. Chir.*, 1927, 54: 2637.—Löwenkron, H. Rekurrenzlähmung nach Strumektomie. *Msehr. Ohrenh.*, 1938, 72: 456.—Manthey, P. Hemiatrophia faciei dextra nach Strumektomie. *Zschr. ges. Neur. Psychiat.*, 1928, 114: 192-9.—Maslovskaja, A. I. [Case of air embolism following repeated operation for goiter]. *Vest. khir.*, 1938, 55: 649.—Melchior, E., & Nothmann, M. Zur Frage der tetanischen Reaktion nach Kropfoperationen. *Zbl. Chir.*, 1926, 53: 2002-4.—Meyer, A. W. Das Kropfherz vor und nach der Kropfoperation. *Deut. med. Wschr.*, 1926, 52: 773.—Nikolsky, N. N. [Case report of air embolism in operation for goiter]. *Vest. khir.*, 1937, 53: No. 9, 63.—Perras, T. Ueber das Verhalten der Trachea nach Kropfoperationen. *Deut. Zschr. Chir.*, 1927, 201: 406-16.—Saegesser, M. Die Ionenverhältnisse bei Kropf; gleichzeitig ein Beitrag zur Frage der postoperativen Tetanie. *Mitt. Grenzgeb. Med. Chir.*, 1932, 43: 32-6.—Simon, E. Ueber Herzblock nach Kropfoperationen. *Zbl. Chir.*, 1927, 54: 2060-6.—Sokolov, S. D. [Case of tetany treated by re-grafting of the parathyroid glands after excision of the goiter]. *Khirurgia, Moskva*, 1937, No. 3, 119.—Sokolowsky, R. Ueber eine seltene Stimmstörung nach Strumektomie. *Msehr. Ohrenh.*, 1936, 70: 1170-6.—Syng, R. Die Mortalität der Kropfoperation. *Zbl. Chir.*, 1927, 54: 3234-6.—Urban, K. Erfahrungen über Stimmbandschädigungen bei 6.000 Kropfoperationen. *Ibid.*, 1934, 61: 1456-61.—Young, T. O. The mortality following surgical treatment of goiter. *West. J. Surg.*, 1940, 48: 451-8.—Zenc, B. [Anaphylactic accident during operation of a goiter]. *Cluj. med.*, 1930, 11: 129-32.

Surgery: Indication.

Alvarez, J. A. Relaciones entre el metabolismo basal y la oportunidad operatoria en el bocio. *Cir. ciruján, Méx.*, 1936, 4: 107-12.—Amline. Sur les goitres. *Mém. Acad. chir.*, Par., 1938, 64: 175-8.—Anderson, E. G. The basal metabolic rate and the surgical treatment of goitre. *Med. J. Australia*, 1927, 2: Suppl., 74-7.—Bartlett, W. The choice of procedure when confronted by goiter and a second disease requiring surgical treatment. *Tr. South. Surg. Ass.*, 1921, 37: 78-84.—O bocio improprio para a thyroidectomia. *Brasil med.*, 1927, 41: 526-8.—Black, H. A. Classification and indication for surgical treatment of goitre. *Internat. Clin.*, 1928, 28. ser., 1: 174-81.—Blech, G. M. The surgical aspect of goiter. *Clin. M. & S.*, 1928, 35: 250-5.—Bonnet, G. Les goitres chirurgicaux. *Arch. méd. pharm. mil.*, 1935, 103: 929-65.—Bram, I. Goiter; surgical and non-surgical. *Chicago M. Rec.*, 1926, 48: 165-7. Also *Am. Med.*, 1931, 26: 146-9. — Nonsurgical goiter. *Phys. Ther.*, 1929, 47: 149-65.—Breitner, B. Konser-

vative und operative Strumentherapie. *Münch. med. Wschr.*, 1937, 84: 410. — Ueber die konservative und chirurgische Kropfbehandlung. *Wien. med. Wschr.*, 1937, 87: 349.—Dixon, C. F. Medical and surgical aspects of goiter. *N. Orleans M. & S. J.*, 1929-30, 82: 735-40. — Factors in the medical and surgical treatment of goiter. *Northwest M.*, 1933, 32: 468-71.—Dore, R. Métabolisme élevé versus intervention pour goitre. *Union méd. Canada*, 1931, 60: 163-6.—Glenn, F. Goiter in surgical practice. *Am. J. Surg.*, 1938, 41: 259-67.—Goetsch, E. Criteria of operability for goiter. *Minnesota M.*, 1935, 18: 631-6.—Gridnev, A. P. [Strumectomy as a cosmetic operation]. *Nov. khir. arkh.*, 1939, 44: 38-43.—Guthrie, D. The poor-risk goiter patient. *Atlantic M. J.*, 1927-28, 31: 487-91.—Hunt, C. J. The management of certain types of bad risk goiter patients. *Tr. Am. Ass. Goiter*, 1939, 111-7.—Joll, C. A. The indications for surgical treatment in goitre. *Postgrad. M. J., Lond.*, 1932, 8: 262-5.—Joyce, T. M. Operative cases of goiter. *Northwest M.*, 1926, 25: 423-6.—Kaspar, F. Ueber die konservative und chirurgische Kropfbehandlung; wann soll operiert werden? *Wien. med. Wschr.*, 1936, 86: 1377; 1404; 1429.—Kinard, K. What constitutes an operative goiter? *Month. Bull. Kansas City Clin. Soc.*, 1925-26, 2: No. 5, 29-32. — The surgical goiter. *J. Missouri M. Ass.*, 1926, 23: 360-8.—Lahey, F. H. Indications for surgical treatment of goiter. *Radiology*, 1926, 6: 368-71.—Makelarie, H. Thyroïdectomie d'urgence pour goitre suffocant. *Rev. chir.*, Bucur., 1937, 40: 513-6.—Picard-Leroy, G. Les idées actuelles sur le traitement chirurgical des goitres. *Médecine, Par.*, 1938, 19: 910-22.—Polák, E. [Surgical treatment of a goiter complicated by acromegaly]. *Cas. lék. česk.*, 1928, 67: 1741-5.—Ranzi, E. Indikationen zur Kropfoperation. *Wien. klin. Wschr.*, 1934, 47: 781.—Richard, A. Intervention d'urgence pour asphyxie goitreuse; guérison. *Bull. Soc. nat. chir.*, Par., 1930, 56: 293-5.—Rouhier, G. La thyroïdectomie totale doit rester proscrite; les indications respectives des thyroïdectomies et les strumectomies. *Mém. Acad. chir.*, Par., 1938, 64: 178-87.—Schindler, C. Anzeigestellung der Kropfoperation. *Münch. med. Wschr.*, 1937, 84: 1281-5.—Suchanek, E. Strumektomie oder Bronchostomie? *Wien. klin. Wschr.*, 1927, 40: 724-6.—Troell, A. Strumektomie, besonders im Hinblick auf Indikationen und Spätergebnisse. *Arch. klin. Chir.*, 1927, 147: 327-72. Also *Hygiea, Stockh.*, 1927, 89: 225; 290.—Trumble, H. C. The value of observations of the basal metabolism in the surgical management of goitre. *Med. J. Australia*, 1927, 2: suppl., 71-4.—Whitham, R. H. Surgical indications in goiter. *Nebraska M. J.*, 1933, 18: 143.—Yung, J. R. Surgical risk in heart goiter cases. *Am. J. Surg.*, 1929, n. ser., 7: 30.

Surgery: Method.

GRUNBERG, B. *Considérations sur l'extirpation des goitres encapsulés. 41p. 8°. Par., 1931.

MAYNADIER, P. *L'étendue de l'exérèse dans la chirurgie du goitre; technique de la thyroïdectomie. 79p. 8°. Par., 1938.

PIOTER, G. *Contribution à l'étude de la section de l'isthme dans les opérations de goitres [Lausanne] 39p. 8°. Montreux, 1925.

TEBROKE, R. *Beitrag zur Operation des Kropfes, mit besonderer Berücksichtigung des Basedowkropfes [Frankfurt] 41p. 8°. Limburg, 1934.

Abdański, A. [Collar incision in goiter operations]. *Polska gaz. lek.*, 1936, 15: 517.—Albanese, A. R., Luchetti, S. E., & Pataro, V. Bocio: tiroidectomia; liberación del polo superior y ligadura del pedículo superior de la glándula. *Sem. méd.*, B. Air., 1939, 46: pt 2, 594-602.—Alvarez, J. A. Tratamiento quirúrgico del bocio: técnicas, indicaciones y resultados. *Rev. cir. Hosp. Juárez, Méx.*, 1936, 7: 89-109.—Angelesco, C., & Buzoianu, G. Technique opératoire pour la thyroïdectomie intracapsulaire partielle dans les goitres endémiques, telle qu'on la pratique à la clinique chirurgicale I de Bucarest. *Presse méd.*, 1932, 40: 695-7.—Baughman, B. B. Thyroïdectomie for endemic goiter. *Kentucky M. J.*, 1935, 33: 300-4.—Bérard, L. A propos de la chirurgie des goitres. *Mém. Acad. chir.*, Par., 1938, 64: 305-13.—Bianchessi, A. Broncocele felicemente curato colla legatura delle arterie tiroidee superiori. *Mem. med. contemp.*, Venez., 1841, 5: 231-5.—Bloch, J. C., & Maynadier, P. La technique de la thyroïdectomie pour goitres. *J. chir.*, Par., 1939, 54: 48-61.—Brugnattelli, E. L'innesto ovarico nella terapia del gozzo endemico. *Fol. gyn.*, Pavia, 1925-26, 21: 553-5.—Capelle, W. Zum Wundschluss bei Kropfoperationen. *Schweiz. med. Wschr.*, 1934, 64: 617. — Tracheotomien während und nach grossen Halsbrustoperationen (Kropfoperationen). *Ibid.*, 1935, 65: 58.—Doerfler, H. Die Strumaoperation ohne direkte Unterbindung der Arteriae thyroideae. *Münch. med. Wschr.*, 1926, 73: 655-8. Also in his *Für d. Praxis*, Münch., 1938, 2: 103-12.—Erdertien. Zur Technik der Operation des Kropfes. *Chirurg*, 1932, 4: 293-300.—Gentil. Traitement chirurgical du goitre. P. verb. Congr. fr. chir., 1930, 39: 327-42.—Gerlach, W. Strumaoperation ohne direkte Unterbindung der grossen Arterien. *Münch. med. Wschr.*, 1926, 73: 1325.—González Donoso, E. Contribución al tratamiento

quirúrgico del bocio. An. Fac. biol. cienc. méd., Concepción, 1934, 3: Suppl., 29-37, pl.—**Hauptli, O.** Die Technik der Kropfoperation. Schweiz. med. Wschr., 1934, 64: 875-8.—**Haggard, W. D.** Perfected methods in the operation for the bad risk goiter patient. J. Florida M. Ass., 1928-29, 15: 537-41.—**Hesse, E.** Eine verlängerte und unter einem rechten Winkel abgegebene Kropfsonde. Zbl. Chir., 1927, 54: 2395.—**Kanauka, V.** [Operative treatment of goiters of very large dimensions] Medicina, Kaunas, 1935, 16: 328-38.—**Kocher, A.** Die Kocher'sche Kropfoperation. Schweiz. med. Wschr., 1927, 57: 820-5.—**Krecke, A.** Die Technik der Kropfresektion. In his Beitr. prakt. Chir., 1934, 146-53.—**Laméris** [Technic of strumectomy] Ned. tsehr. geneesk., 1928, 72: 622-8.—**Leclair, H.** Un cas de goitre parenchymateux circonscrit; thyroïdectomie partielle. J. se. méd. Lille, 1921, 39: 417-20.—**Leclerc, G., & Hubner, G.** La résection subtotale du corps thyroïde; opération de choix dans le traitement des goitres. Lyon chir., 1931, 28: 137-54.—**Lennie, T. H.** Some observations on the management of the surgical goiter. Canad. M. Ass. J., 1931, 24: 814-7.—**Lüthi, A.** Wie erzielen wir schöne Narben nach Kropfoperationen? Schweiz. med. Wschr., 1928, 58: 177-81.—**McNerthney, J. B.** A goiter operative technique with better exposure and less help. Hosp. Progr., 1926, 7: 395.—**Miller, C. C.** The first step in goiter enucleations; the desirability of enucleation of the hypertrophied thyroid isthmus. Med. Rev. of Rev., 1926, 32: 402.—**Montanaro, J. C. E.** Anigdalectomia en los bocios. Rev. As. méd. argent., 1936, 50: 200-73.—**Mramornov, K. V.** [Closed, subcutaneous suture in goiter] Khirurgia, Moskva, 1937, No. 7, 125-7.—**Müller, J. L.** Strumaoperation ohne direkte Unterbindung der Arteriae thyroideae. Münch. med. Wschr., 1926, 73: 954.—**Nazarov, V. M.** [Surgical treatment of toxic and simple goiters] Vest. khir., 1938, 56: 61-4.—**Pamperl, R.** Technik der Kropfoperation. Med. Klin., Berl., 1937, 33: 229-33.—**Reid, M. R., & Andrus, W. D.** Surgical treatment of goiter with special reference to the operative technic. Arch. Surg., 1932, 34: 531-9. Also repr.—**Rolando, S.** Sur l'hémotase dans les opérations pour goitre. J. chir., Par., 1927, 30: 10-5. Also Clin. chir., Milano, 1928, 31: 496-503.—**Schileau, P.** Ma technique de l'extirpation des goitres; considérations anatomocliniques. Ann. mal. oreille, 1929, 48: 587-611.—**Tinker, M. B.** Electro-surgery with special reference to goitre and malignancy. Tr. Am. Surg. Ass., 1931, 49: 173-7. Also Ann. Surg., 1931, 94: 587-91. — Electro-surgery in goiter operations. Surg. Gyn. Obst., 1931, 52: 508-10.—**Urban, K.** Zur Frage der Verhütung des Myxödems und der Tetanie bei Kropfoperationen. Zbl. Chir., 1927, 54: 1937-40.—**Veillon, E.** Selbsthaltender Sperrhaken zur Erleichterung der Strumektomie. Ibid., 1931, 58: 2635.—**Zeno, L. O.** El tratamiento del bocio en la clínica de Rochester. Sem. méd., B. Air., 1926, 33: pt 2, 1564-7.

— Surgery: Pre- and postoperative care.

Chesky, V. E. The preoperative treatment of bad risk goiter patients. Tr. West. Surg. Ass. (1927) 1938, 37: 369-77.—**Denneen, E. V.** Preoperative and postoperative treatment of goiter cases. Surg. Clin. N. America, 1932, 12: 517-21.—**Dinsmore, R. S.** Pre- and postoperative care of the goiter patient. California West. M., 1927, 27: 489-94.—**Ettel, J.** Prae- und postoperative Behandlung der Herz- und Kreislaufstörungen des Kropfes. Wien. klin. Wschr., 1935, 48: 1415-7.—**Fabricius-Møller, J.** [Preoperative iodine treatment of goitre] Ugeskr. læger, 1929, 91: 461-7.—**Fairweather, M.** Nursing care in surgical goitre. Canad. Nurse, 1940, 36: 141-5.—**Guthrie, D.** Postoperative treatment of goiter. Tr. Ass. Physicians Mayo Clin. (1926) 1927, 7: 277-80.—**Hartley, H. L.** Preoperative and postoperative care of goiter. Northwest M., 1933, 32: 419-24.—**Pemberton, J. D. J.** Goiter; management of the poor surgical risk. Arch. Surg., 1930, 20: 591-606.—**Sprunt, W. H., jr.** The nursing care of goiter patients. Am. J. Nurs., 1931, 31: 291-4.—**Strine, H. F.** Preoperative and postoperative management of goiter patients. Med. Ann. District of Columbia, 1933, 2: 165-8.

— Surgery: Results.

BIEBACK, H. *Blutkalzium vor und nach der Strumektomie. 11p. 8° Würzb., 1937.
GEIGER, H. *Ueber das Schicksal der Blutversorgung in Schilddrüsen nach Strumektomien, mit Bemerkungen über die neuen Schilddrüsenkapsel [Basel] 26p. 8° Berl., 1924.
PASSARGE, W. *Bericht über die in den Jahren 1928 bis 1936 operierten Kröpfe (ausser Basedow) 33p. 20½cm. Königsb., 1937.
PERRAS, T. S. *Ueber das Verhalten der Trachea nach Kropfoperation [Berlin] p.406-16. 8° Charlottenb., 1926.
 Also Deut. Zschr. Chir., 1927, 201:
Barla-Szabó, J. [Late results of sub-total excision in goiter] Orv. hetil., 1938, 82: 1118-20.—**Black, S. O.** Observations based on 173 consecutive goiter cases. Internat. J. Surg., 1926, 39: 28-31.—**Breitner, B.** Die Erfolge der operativen Behandlung der Jugendstrumen. Arch. klin. Chir., 1926, 140: 250-65. — **Nobel, E., & Rosenblüth, A.** Ueber die

Schilddrüsenfunktion nach Strumektomie. Mitt. Grenzgeb. Med. Chir., 1926, 39: 45-50.—**Buford, R. K.** End-results and impressions in the surgical treatment of 500 cases of goiter. South. M. J., 1930, 23: 127-30.—**Caeiro, J. A., & Naveiro, R.** Resultados del tratamiento quirúrgico del bocio con hipertiroidismo. Congr. int. As. méd. argent. (1935) 1936, 9. Congr., 467-76.—**Chutro, P.** De secuela de estrumectomia. In his Lec. clin. quir., B. Air., 1938, 3: 215-21.—**Cutler, F. A., & Arn, R. D.** Thyroidectomy for goiter without hyperthyroidism; postoperative results in adenomatous goiters with normal and hypofunction. West. J. Surg., 1931, 39: 501-6.—**Costales Latatú, M.** Cirugía del bocio; mi experiencia personal en 125 tiroidectomias. An. cirug., Habana, 1929, 1: 17-51.—**DeCourcy, J. L.** Surgical goiter; how modern methods of preparation, anesthesia and technic have improved the surgical results and reduced mortality to an almost negligible percentage. Am. J. Surg., 1930, n. ser., 10: 482-6. Also repr.—**Fiedler, G.** Statistischer Beitrag zur Strumektomie. Deut. Zschr. Chir., 1926, 198: 82-9.—**Garre, C.** Fünfzig Jahre Kropfchirurgie; Erinnerungen und Erfahrungen. Med. Klin., Berl., 1926, 22: 518-20.—**Haggard, W. D., & Crutchfield, C. R.** Considerations of the surgical treatment of goiter based on 1,000 operations. J. Tennessee M. Ass., 1933, 26: 369-80.—**Heinicke, E.** Nachuntersuchungen an wegen Jugendstruma Operierten; ein Beitrag zur Physiologie des Kropfes. Arch. klin. Chir., 1930, 158: 224-36.—**Hertzler, A. E.** Effect of complete thyroidectomy in interstitial goiters. Am. J. Surg., 1934, n. ser., 23: 556-8. Also repr.—**Heyd, C. G.** An analysis of 148 operations for goiter. Ann. Surg., 1930, 91: 496-504.—**Hofhanser, J.** [Changes in basal metabolism after operations for goiter] Orv. hetil., 1930, 74: 645-8. Also Arch. klin. Chir., 1929, 156: 105-11.—**Howald, R.** Die Spätergebnisse der Kropfoperation nach der Methode von Enderlen und Hotz. Deut. Zschr. Chir., 1934, 243: 127-31.—**Lahey, F. H.** Deductions from 6,700 goiter operations. N. England J. M., 1929, 200: 909-17.—**Levin, S.** Comparative study of 100 sub-total thyroidectomies from a single goiter zone. J. Michigan M. Soc., 1925, 24: 527-34.—**Lupan, A.** [400 cases of goiter operated on in the surgical clinic of Cluj] Rev. st. med., Bueur., 1931, 20: 193-209.—**McQuillan, A. S., & Breidenbach, L.** Morbidity following goiter operations. Ann. Surg., 1937, 106: 169-82.—**Mahorner, H. R.** Goiter; a brief history of its surgery and a review of 128 operated cases in a non-goiter district. N. Orleans M. & S. J., 1932, 85: 395-404.—**Mitashin, I. A.** [Remote results in operative treatment of goiter] Sovet. klin., 1934, 20: 251-61.—**Murphy, L.** Goiter surgery; series of consecutive thyroidectomies. Minnesota M., 1926, 9: 369-72.—**Newton, A. H.** Goiter in northern California; a survey of 175 thyroid operations. California West. M., 1940, 53: 261-3.—**Sgalitzer, M.** Resultate der Strumektomie bei malazischer Luftröhre. Mitt. Grenzgeb. Med. Chir., 1930-31, 42: 1-16.—**Stépanek, K.** Zur Chirurgie des endemischen Kropfes; eine kritische und selbstkritische Betrachtung mit besonderer Berücksichtigung des Rezidives. Zbl. Chir., 1937, 64: 284-8.—**Swertz, J. M. A.** [Negative basal metabolism after partial strumectomy] Ned. tsehr. geneesk., 1934, 78: 4012-6.—**Syring, R.** Erfahrungen bei 1,000 Kropfoperationen. Beitr. klin. Chir., 1927, 141: 619-38.—**Urban, K.** Erfahrungen auf Grund von 7,500 Kropfoperationen. Wien. med. Wschr., 1937, 87: 201: 230.—**Vézina, C., & Jobin, J. B.** A propos de 752 cas de goitre traités à l'Hôtel-Dieu de Québec depuis 10 ans. Laval méd., 1939, 4: 381-98.

— toxic.

See Thyrotoxicosis.

— Treatment.

BURGEAT, P. *Traitement du goitre simple. 306p. 8° Par., 1927.
HAHN, W. *Die Behandlung des Kropfes. 24p. 8° Berl., 1932.
Andrade, M. de. Algumas causas de insucesso no tratamento dos bóciós. Rev. brasil. cir., 1939, 8: 253-74.—**Barnes, F. M.** The medical treatment of goiter. Southwest. M., 1925, 9: 478-80.—**Beebe, H. M.** The medical treatment of goiter. Clinique, Chic., 1925, 46: 433-41.—**Bevan-Brown, F. V.** The medical treatment of simple and exophthalmic goitre. N. Zealand M. J., 1926-27, 25: 156-66.—**Bliss, R. W.** The medical management of goiter. Nebraska M. J., 1926, 11: 416-9.—**Bram, I.** Goiter; current errors in etiology and treatment. Endocrinology, 1926, 10: 181-7. Goiter; use and abuse of thyroidectomy and iodine. Med. J. & Rec., 1926, 123: 746-8.—**Breitner, B.** The biological basis for the modern treatment of goiter. Internat. J. Surg., 1926, 39: 31-3.—**Buford, R. K.** Management of the handicapped goiter patient. West Virginia M. J., 1938, 34: 295-8.—**Bundy, H. E.** Medical treatment of simple goiter. Med. Sentinel, 1925, 33: 680-2.—**Clark, C. E.** Goiter treatment. Med. World, 1935, 53: 186.—**Cooke, A. B., & Greenway, H. H.** The goiter problem with special reference to diagnosis and treatment. West. J. Surg., 1934, 42: 235-7.—**Crile, G., jr.** The treatment of endemic goiter and of severe hyperthyroidism. West Virginia M. J., 1939, 35: 249-58.—**DeCourcy, J. L.** A discussion of goiter therapy. Internat. J. Surg., 1926, 39: 26. Also Cincinnati J. M., 1926-27, 7: 32.—**Demoor, P., & Slosse, J.** Traitement médico-chirurgical des goitres avec hyperthyroïdie. Rev. fr.

- endocr., 1931, 9: 157-84.—Dinsmore, R. S. The care of the handicapped goiter patient. *Surg. Gyn. Obst.*, 1926, 42: 177-9.—Dore, R. Traitement médical du goitre. *Union méd. Canada*, 1933, 62: 1249-54.—Dorsey, F. B. Management of goiter cases and some of their complications. *Am. J. Surg.*, 1927, n. ser., 2: 558-62.—Fantus, B. El tratamiento del bocio y del hipertiroidismo. *Rev. As. méd. argent.*, 1938, 52: 808-12. — The therapy of the Cook County Hospital. *J. Am. M. Ass.*, 1938, 110: 1916-20.—Giglio, F. Terapeutica del gozzismo endemico. *Terapia*, Milano, 1926, 16: 15-8.—Gillette, N. W. The management of difficult goiter cases. *Am. Physician*, 1926, 31: 637.—Gordon, A. H. The medical aspect of goitre. *Canad. M. Ass. J.*, 1926, 16: 1176-81.—Haggard, W. D., & Crutchfield, C. R. The essentials in the management of the goiter problem. *J. Tennessee M. Ass.*, 1926-27, 19: 179-85.—Hendrick, J. W. Causation and management of simple goiter. *J. Oklahoma M. Ass.*, 1932, 25: 348-52.—Hill, J. A., & Kilgore, F. H. The management of goiter patients. *Med. Rec., Houston*, 1926, 20: 107-9.—Ivanishevsky, F. I. (Pathogenesis and treatment of goiter) *Feldsher*, Moskva, 1938, No. 5, 43-5.—Jobin, J. B. Les indications thérapeutiques dans le goitre. *Bull. Soc. méd. hôp. Québec*, 1935, 18-25. Also *J. méd. Paris*, 1935, 55: 354-7.—Lahey, F. H. The management of goiter. *J. Indiana M. Ass.*, 1930, 23: 117-22.—Laméris, H. J. [Treatment of simple goiter] *Geneesk. bl.*, 1927-28, 26: 227-69.—Lang, K. Die Ergebnisse einer einjährigen Kropfbehandlung in den Pforzheimer Schulen. *Klin. Wschr.*, 1926, 5: 182-5.—Mackey, W. A. Three types of cases of thyroid enlargement, and their treatment. *Glasgow M. J.*, 1927, 108: 152-65.—Macleane, N. J. Observations on the treatment of goitre. *J. Iowa M. Soc.*, 1925, 15: 653-7.—Miller, H. W. Thyroid disease in the Orient and its treatment. *China M. J.*, 1928, 42: 897-906.—Mix, C. L. The medical aspects of goiter. *Illinois M. J.*, 1925, 48: 447-9.—Moore, E. C., & Van Fleet, H. D. Twenty years' experience in the management of goiter. *West. J. Surg.*, 1935, 43: 535-41.—Moorhead, T. G. The treatment of simple goiter. *Practitioner*, Lond., 1940, 144: 109-16.—Nassau, C. F. The treatment of goiter. *Delaware M. J.*, 1929, 1: 35-8.—Oleson, R. The fundamentals of goiter treatment. *J. Kansas M. Soc.*, 1927, 27: 42-6.—Pfeiffer, G. E. Management of the goiter risk, with review of cases. *U. S. Veterans Bur. M. Bull.*, 1928, 4: 918-28.—Robertson, H. L. The medical aspect of goiter. *West Virginia M. J.*, 1927, 23: 27-31.—Rucks, W. W. Medical treatment of goiter. *J. Oklahoma M. Ass.*, 1930, 23: 12-5.—Sistrunk, W. E. The management of patients with goiter. *Minnesota M.*, 1926, 9: 667-70. Also *Southwest. M.*, 1930, 14: 45-8.—Soley, M. H. Goiter; its clinical management. *California West. M.*, 1938, 49: 443-6. Also repr.—Sommer, G. N. J., jr. The treatment of goiter and its complications. *J. M. Soc. N. Jersey*, 1937, 34: 323-30.—Stawell, R. R. The medical treatment of goiter. *Med. J. Australia*, 1927, 2: suppl., 30-2.—Stoner, W. C. Management of the goiter patient. *Ann. Int. M.*, 1927-28, 1: 729-35.—Vvedensky, K. K. [Study and treatment of goiter] *Vest. khir.*, 1930, 20: 297-305.—Webster, B. The treatment of simple goiter. *Internat. Clin.*, 1936, 46, ser., 2: 168-83, 2 pl.
- **Treatment: Iodine, and thyroid hormone.**
- HUCK, P. *Was leistet die Jodtherapie des Kropfes? 28p. 8°. Berl., 1932.
- KOHNSTAMM, O. *Thyreotoxikosen nach Jod- und Vollsalzgebrauch. 30p. 8° [Münch.] 1926.
- PAVENSTAEDT, E. *De l'asystolie dans l'iode-Basedow et des réserves à faire dans le traitement de certains goitres par l'iode. 41p. 8°. Genève, 1929.
- SCHRAMM, E. [F.] *Ueber Jodwirkung und Jodschäden bei Kropf und Basedow. 61p. 8°. Lpz., 1935.
- WAHLBERG, J. *Das Thyreotoxikosesyndrom und seine Reaktion bei kleinen Joddosen. 148p. 8°. Helsing, 1926.
- Adams, W. P. Iodine in dysthyroidism; a review. *Virginia M. Month.*, 1926-27, 53: 310-3.—Allen, A. M. The use of iodine in goiter. *Med. Rec., N. Y.*, 1936, 144: 193-5.—Anders, J. M. The value of iodine in the treatment of goiter. *Tr. Am. Ther. Soc.*, 1925-26, 26: 51-5. Also *Ther. Gaz.*, Det., 1925, n. ser., 49: 761-5.—Aron, E. Struma and Strumabehandlung. *Med. Welt*, 1928, 2: 1088-90.—Bailey, R. B. Iodine in the treatment of goitre. *J. Michigan M. Soc.*, 1926, 25: 427-30.—Baumgarten, W. The use of iodine in goiter. *J. Missouri M. Ass.*, 1933, 30: 185-9.—Bigger, I. A. Further experience with iodine in goiter. *Virginia M. Month.*, 1927-28, 54: 81-3.—Black, S. O. Iodine in goiter; report of 312 cases; 81 toxic. *South. M. S.*, 1927, 89: 541-3.—Bogart, L. M. Thyroidism without corroborative laboratory findings; treatment of iodine fast cases. *Tr. Am. Ass. Goiter*, 1939, 29-36.—Bonnin, L. Beitrag zur medikamentösen Kropfbehandlung mit Jodtropfen-Strumatabletten. *Fortschr. Ther.*, 1927, 3: 832.—Borgarello, G. Contributo alla dimostrazione dei vantaggi della terapia iodica del gozzismo e ipotiroidismo endemico. *Schizofrenie*, 1936-37, 5: 103-12.—Breitner, B. Kropf und Jod. *Erg. Chir. Orthop.*, 1928, 21: 68-103. Also *Klin. Wschr.*, 1928, 9: 97-9.—Breitner, D. B. The iodine question in animal experiments. *Am. J. Surg.*, 1929, n. ser., 6: 17-20.—Buchanan, J. A. The site of action of iodine in goiter. *Endocrinology*, 1932, 16: 65-8.—Clifton, B. H. Goiter and iodine. *J. M. Ass. Georgia*, 1936, 25: 230-2.—Clute, H. M., & Pilcher, L. S., II. The place of iodine in the treatment of goiter. *N. England J. M.*, 1934, 210: 117-20. Also repr.—Collier, F. A. The use of iodine in the treatment of goiter. *Ann. Clin. M.*, 1926-27, 5: 91-4.—Potter, E. B. Reaction to iodine of goiters from a goiter area. *Am. J. Surg.*, 1929, n. ser., 6: 609-15.—Covarrubias, P. A. El tratamiento yodado en el bocio. *Bol. Soc. cir. Chile*, 1928, 6: 86-9.—Dautrebande, L., & Lemort, A. Le traitement des goitres par l'iode à doses continues et progressives. *Bull. Acad. méd. Belgique*, 1927, 5, ser., 7: 887-922.—Dennig, H. Diskussionvortrag. *Verh. Deut. Ges. inn. Med.*, 1937, 49, Kongr., Sekt. inn. Med., 329, 73: 287.—Dewar, W. B. The use of iodine in goiter. *South. M. & S.*, 1926, 88: 515-7.—Fleming, J. J. Iodine in goiter. *Surg. Clin. N. America*, 1932, 22: 497-505.—Gill, A. M. Broncho-pneumonia in a cretin before and after treatment with thyroid. *Arch. Dis. Childh.*, Lond., 1940, 15: 199.—Goetsch, E. Studies on thyroid disorders: correct and incorrect use of iodine in the treatment of goiter. *Am. J. Surg.*, 1934, 26: 417-30. Also repr.—Guthrie, D. The incorrect use of iodine in the treatment of goiter. *Ther. Gaz.*, Det., 1926, 3, ser., 42: 837-40.—Haines, W. D. The use of iodine in goitrous patients. *Cincinnati J. M.*, 1926-27, 7: 494-8.—Heid, Ein Beitrag zur Kropfbehandlung mit Jod bei Kindern. *Münch. med. Wschr.*, 1926, 73: 287.—Holmes, M. E. The value and danger of iodine in thyroid disease. *N. York State J. M.*, 1927, 27: 538-40.—Hutton, J. H. Dangers of iodine in treatment of goiter. *Illinois M. J.*, 1926, 50: 408-12.—Ide, M. L'iode dans les goitres. *Rev. méd. Louvain*, 1931, 28:—Ilkoff, J. Ueber plötzlichen Tod bei Struma nach Jodmedikation. *Deut. med. Wschr.*, 1929, 55: 1971.—Iodine and thyroid disease. *Rep. M. Res. Council, Lond.*, 1934-35, 5: 24-6.—Jarvis, D. C. Clinical experience of a correspondence study group with 3-unit doses of insulin and iodine in goiter. *Med. World*, 1940, 58: 474.—Jennings, A. F., & Wallace, S. W. The field of usefulness of iodine in goiter. *Endocrinology*, 1927, 11: 431-7.—Lahey, F. H. The use of iodine in goiter. *Boston M. & S. J.*, 1925, 193: 487-90.—Liebegott, G. Ueber die Jodwirkung auf die kropfige Schilddrüse. *Endokrinologie*, 1938-39, 21: 81-92.—Loeb, L. Studies on compensatory hypertrophy of the thyroid gland; further investigation of the influence of iodine on hypertrophy of the thyroid gland with an interpretation of the differences in the effects of iodine on the thyroid gland under various pathologic conditions. *Am. J. Path.*, 1926, 2: 19-32.—Loeper, M., Soulié, P., & Tonnet, J. L'action du traitement thyroïdien sur l'équilibre protéique du sang des hypothyroïdiens. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 1509-11.—Maier, O. Jod und Schilddrüse. *Schweiz. med. Wschr.*, 1935, 65: 683.—Mayo, C. H. The use of iodine in the treatment of goiter. *Irish J. M. Sc.*, 1925, 5, ser., 530-2.—Mingazzini, I. Trattamento ambulatorio del gozzo parenchimatoso con le iniezioni interstiziali di jodio. *Arch. ital. chir.*, 1938, 53: 112-23.—Misske, B. El tratamiento de los bocios e hipertirois con el yodo. *Siglo méd.*, 1933, 92: 414.—Mosser, W. B. Iodine in the treatment of goiter; its use and abuse. *Atlantic M. J.*, 1927-28, 31: 20-2. Also *Pennsylvania M. J.*, 1928-29, 32: 416-8.—Nobles, E. R. The use of iodine in goiter. *N. Orleans M. & S. J.*, 1932, 84: 760-75.—O'Sullivan, T. J. Iodine and its use in the treatment of goiter. *Maine M. J.*, 1930, 21: 76-8.—Oswald, A. Jodtherapie und Jodbasedow. *Schweiz. med. Wschr.*, 1932, 62: 985-8. Also *Gaz. méd. France*, 1933, 816-9.—Reddi, A. V. J. Intravenous sodium iodide in goiter. *Ind. M. Gaz.*, 1927, 62: 147.—Rees, W. T. Use of iodine in the treatment of goiter. *Bull. Mary Fletcher Hosp.*, 1934-35, 3: No. 4, 1.—Regnault, F. Traitement du goitre par les extraits thyroïde et parathyroïde associés. *Rev. path. comp., Par.*, 1922, 22: 425-8.—Remington, R. E., & Lassek, A. M. The response of goitrous rats to iodine administration. *J. Biol. Chem.*, 1937, 119: Proc., p. lxxxii.—Remington, R. E., & Remington, J. W. The effect of enhanced iodine intake on growth and on the thyroid glands of normal and goitrous rats. *J. Nutr.*, 1938, 15: 539-45.—Renaud, A. Les effets du sel iodé sur les noyaux adénomateux du goitre de l'enfant. *Rev. méd. Suisse rom.*, 1936, 56: 101-3.—Rienhoff, W. F., jr. Microscopic changes induced in thyroid gland by oral administration of desiccated thyroid; use of the substance in treatment of congenital and simple colloid goiter. *Arch. Surg.*, 1940, 41: 487-507.—Scott, A. C., jr. The use of iodine in the treatment of goiter. *Southwest. M.*, 1925, 9: 471-4.—Sprunt, W. H., jr. The role of iodine in the treatment of goiter. *South. M. & S.*, 1926, 88: 646-50.—Tihen, H. N. Iodine and goiter. *J. Kansas M. Soc.*, 1926, 26: 4-8.—Uffenorde, H. Gradierluft und Schilddrüse. *Baheologie*, 1934, 1: 510-4. — Ueber die Wirkung von jodhaltiger Salinenlufte auf Schilddrüsenerkrankungen. *Zschr. ges. exp. Med.*, 1934, 83: 547-69.—Use and abuse of iodine in treatment of goiter. *Wisconsin M. J.*, 1935, 34: 40.—Vertán, E. [Dried thyroid extract containing all hormones; their effect upon goiter] *Orv. hetil.*, 1938, 82: 997-9.—Wagner-Jauregg, Die Kropfbehandlung und die jodhaltigen Heilwässer. *Wien. med. Wschr.*, 1931, 81: 83-6.—Webster, B. Studies in the reactions of simple goiter to iodine. *Bull. Johns Hopkins Hosp.*, 1929, 45: 215-31. — & Chesney, A. M. Endemic goiter in rabbits: effect of administration of iodine. *Ibid.*, 1928, 43: 291-308.—Winn, R. C. Recovery from hyperthyroidism following treatment by Lugol's solution. *Med. J. Australia*, 1930, 2: 158.—Zachariae, G. Ueber die Beziehungen von Jod zum Kropf.

Fortsch. Ther., 1929, 5: 388-90.—Zetterqvist, A. [Iodine treatment of simple, and toxic struma, based on observations of a few cases] Svcn. l k. tidn., 1934, 31: 146-55.

Treatment: Methods.

KORS, M. L. Goiters; a new theory. [20]p. 16°. Chic. [1935]

OMAR, W. Befreiung vom Kropf durch Erkenntnis der wirklichen Ursachen und Anwendung nat rlicher, nicht medikament ser Heilmethoden. 28p. 16°. Freib. [19-?]

Bartlett, W. Modern methods of establishing a diagnosis and therapeutic indications for the individual goiter patient. Week. Bull. S. Louis M. Soc., 1937-38, 32: 163-5.—Borsotti, P. C. Sul trattamento del gozzo con il metodo Luton. Minerva med., Tor., 1934, 25: pt 2, 566-73.—Bram, I. Progress in the study and treatment of goiter. Clin. M. & S., 1930, 37: 11-8.—Frick, J. H. Intravenous treatment of goiter. Med. World, 1926, 44: 122-4.—Gereda, E. G. Vacunoterapia del bocio. Libro de actas Congr. nac. otorinol., Madr., 1912, 4. Congr., 395-409.—Goiter; a cure fraud; post office debars Lyell Carver's swindle from the mails. J. Am. M. Ass., 1939, 113: 1429; 2440.—Gosio, R., & Nicosia, S. Tireosclerosi salicillica; sperimentazione e documentazione istologica. Policlinico, 1939, 46: sez. med., 385-98.—Grant, S. B. The management of goiter patients with congestive heart-failure. Med. Clin. N. America, 1927, 11: 569-81.—Haines, S. F., & Boothby, W. M. Treatment with oxygen; with special reference to treatment of conditions complicating goiter. Proc. Mayo Clin., 1929, 4: 116-8.—Hern ndez, R. Tratamiento ambulatorio del bocio. Sem. m d., B. Air., 1937, 44: pt 2, 389-92.—Hoag, C. L. Goiter; recent advances in its treatment. California West. M., 1932, 36: 148-52. Also Rev. cir. Hosp. Ju rez, M x., 1936, 7: 389-405.—Jackman, W. A. The treatment of parenchymatous goitre. Bristol. Med. Chir. J., 1929, 46: 277-84.—Kersten, W. Kropfheilmittel. Fortschr. Ther., 1928, 4: 179-82.—Lab  , M. Les indications et les m thodes du traitement des goitres. Prat. m d. fr., 1927, 6: 204-8.—Lacayo L., E. Anotaciones al tratamiento del bocio. Rev. m d., Managua, 1934-35, 4: 2-6.—Lahey, F. H. The varieties and treatment of goiter. In Pract. Lect. (M. Soc. Co. Kings) 1924-26, 2. ser., N. Y., 1927, 274-86. Varieties of goiter and their management. Proc. Interst. Postgrad. M. Ass. N. America, 1934, 28-34. The management of the various types of goiter. Ibid., 1939, 202-7. Also repr.—Leven, R. Du traitement thyro dien de certaines hyperplasies du corps thyro de non justiciables d'un traitement chirurgical. Clinique, Par., 1936, 31: 283-6.—Loughran, H. G. The treatment of thyroid enlargement including exophthalmic goitre by injections of quinine and urea hydrochloride into the thyroid gland. Med. J. Australia, 1927, 1: 263-5.—Massabuau. Traitement des goitres avec hyperthyro die. Progr. m d., Par., 1937, 782-6.—Mayo, C. H. Progress in knowledge and treatment of goiter. Collect. Papers Mayo Clin., 1935, 27: 465. Also J. internat. chir., Brux., 1936, 1: 219-37. Goiter and the changes in its treatment. Proc. Interst. Postgrad. M. Ass. N. America, 1935, 284-8.—Means, J. H. Diagnosis and treatment of the several types of goiter. Med. Clin. N. America, 1933, 16: 781-92.—Moser, E. Ueber Heisswassereinspritzungen bei Kropf. Beitr. klin. Chir., 1928, 142: 755.—Nissen, W. Ein neues Kropfheilmittel. Fortschr. Ther., 1926, 2: 667-70.—Picado, C., & Rotter, W. Precipitinas s ricas antitiroideas en casos de bocio. Rev. m d., S. Jos , 1936-37, 4: 552-5.—R gnier, J., Santenoin, D. [et al.] Es rine et appareil thyro dien. Bull. Acad. m d., Par., 1929, 3. ser., 101: 109.—Rosa, M., & Furtado, D. Terap utica do b cio pelo s lio. Lisboa m d., 1929, 6: 643-9.—Sajous, C. E. de M. Medical treatment of goiter on rational lines, and the thermogenic system. Am. J. Surg., 1927, n. ser., 2: 548-55. Also repr.—Skipp, W. M. Notes on goiter patients; the management of thyroid crises and atypical hyperthyroidism. Ohio M. J., 1939, 35: 502-4.—Thomas, H. M., jr. Modern treatment of goiter; toxic and non-toxic. Illinois M. J., 1926, 50: 385-8.

Treatment: Physiotherapy.

EICHERT, H. *Ueber die biologische Wirkung der R ntgenstrahlen auf die normale und pathologisch ver nderte Schilddr se mit einem Beitrag  ber die Gefahren der Intensivbestrahlung grosser Strumen. 35p. 8°. K nigsb., 1933.

ZIMMERMANN, E. *Erfahrungen  ber die R ntgentherapie bei Struma und Morbus Basedowii (Auszug) 8p. 8°. [Bonn] 1925.

Durante, L., & Prussia, G. Sul reperto istologico dei gozzi iperplastici roentgenirradiati. Clin. chir., Milano, 1931, 34: 57-62.—Fiorentini, A., & Luraschi, C. Un caso raro di gozzo trattato coi raggi di R ntgen; cistoadenoma papilliforme primitivo nel cane. Rapp. Congr. internat. physioth r., 1905, 1. Congr., No. 77, 1-5 [Discussion] C. rend., 109.—Gaarenstroom, G. F. [Struma and Roentgen rays] Geneesk. gids, 1933, 11: 1078-84.—Grier, G. W. X-ray treatment of goiter. Ann. Int. M., 1927, 1: 241-6.—Gudzent. Radiumtiefenbestrahlungen bei Kropf- und Basedowleiden und einigen anderen

Erkrankungen im Gebiet der inneren Medizin. Zschr.  rztl. Fortbild., 1934, 31: 277-81. Also Ther. Gegenwart, 1935, 76: 300-2.—Guilleminet, & Magnin, P. Volumineux goitre infantile;  chec de la radioth rapie. Lyon chir., 1936, 33: 584-7.—Jackson, A. S. Contraindications to the use of physical therapy in the treatment of goiter. Arch. Phys. Ther., 1930, 11: 70-4.—Joly, M. La radioth rapie du goitre simple et du goitre exophthalmique. Progr. m d., Par., 1927, 42: 2017-22.—Kresling, E. M., & Galperin, M. D. [Indirect roentgen irradiation of the goiter] In Rentgenodiagn. nerv. dush. zabol. (Bekhterev's neuropsykh. Inst., Leningr.) 1935, 169-79.—McGuffin, W. H. Goitre from a radiologist's viewpoint. Canad. M. Ass. J., 1926, 16: 1182-7.—Payer, L. R. La radioth rapie p n trante dans le goitre. Bull. Soc. m d. h p. Qu bec, 1935, 42-6.—Pfahler, G. E. The Roentgen ray treatment of goiter and hyperthyroidism. Proc. Connecticut M. Soc., 1929, 137: 202-13. ——— & Vastine, J. H. Results of roentgen therapy in goiter, based upon observations in 400 cases. Am. J. Roentg., 1930, 24: 395-411.—Puentes Duany, N., Fontes Abreu, E., & Figueras, W. Nuestra experiencia en el tratamiento radioter pico de los bocios. Rev. med. cir. Habana, 1933, 38: 329-58.—Rowe, E. W. X-ray treatment of goiter. Nebraska M. J., 1926, 11: 419-26.—Seal, J. C. Report of a series of hypertrophied thyroids with radium. Med. J. & Rec., 1925, 122: 745-7. Also repr.—Skinner, E. H., & Lockwood, I. H. The radiotherapy of goiter. J. Missouri M. Ass., 1926, 23: 11-3.—Smith, A. M., & Stenstrom, K. W. X-ray therapy in diffuse hyperplasia of the thyroid. Tr. Am. Ass. Goiter, 1938, 527-32. Also Rev. radiol. fisioter., Chic., 1940, 7: 197-201.—Snow, W. B. Goitre and its treatment by physical therapy. Phys. Ther., 1928, 46: 214-27.—Walter, O. M., Anson, B. J., & Ivy, A. C. The prevention of hyperplasia of the thyroid in the opossum by X-rays. Radiology, 1932, 18: 583-91.—Williams, A. H. X-ray treatment in goiter illness, with results reported and comments made on 200 individually controlled cases. Ibid., 553-67.

Type.

See also other subheadings.

FELSENSTEIN, E. *Zur Kenntniss der Struma postbranchialis (Gessowa) 32p. 8°. Heidelb., 1915.

MCCARRISON, R. The simple goitres. 106p. 4°. Lond., 1928.

Abbott, A. C. Simple goitre. Canad. M. Ass. J., 1932, 27: 8-14.—Abell, I. Unusual goiters. In Lahey Birthday Vol., 1940, 9-12, pl.—Brown, A. Case studies in goitre; the acute hyperplastic goitre. Nebraska M. J., 1931, 16: 177-80.—Curtis, G. M. Some unusual forms of goiter. Wisconsin M. J., 1930, 29: 449-556.—Hartmann. Goitre n oplasique. Rev. g n. clin. th r., 1926, 40: 119.—Hinton, J. W. Interchangeable types of goiter. Am. J. Surg., 1929, n. ser., 7: 313-8. Also repr.—Lab  , M. Les formes diverses du goitre. Prat. m d. fr., 1927, 6: 155-60.—Masini, A. Le varie forme del gozzo endemico nel Campo Sperimentale di Bargagli in rapporto all'et  e ai sensi. Note psichiat., Pesaro, 1936, 65: 5-18.—Oberling, C. Le goitre amylo ide. Ann. anat. path., Par., 1927, 4: 125-32.—Rogers, L. The clinical varieties of goitre. Med. Press & Circ., Lond., 1927, n. ser., 124: 284.—Theodore, F. H. Amyloid goiter in generalized amyloidosis. J. Mount Sinai Hosp. N. York, 1934, 1: 117-20.—Van Meter, S. D. Atypical goiter. Chicago M. Rec., 1926, 48: 201-4.—Wahlberg, J. [Clinical types of goitre in southern Finland] Fin. l k. s ll. hand., 1929, 71: 533-6.—Webber, I. M. Notes on the common types of goiter. Maine M. J., 1931, 22: 239-45.

in animals.

See also Goiter, experimental.

FRITSCH, E. *Beitrag zur Strumafrage beim Huhn [Z rich] 14p. 8°. Berl., 1926.

Also Virchows Arch., 1926, 260: 422-35.

LANGHANS, T., & WEGELIN, C. Der Kropf der weissen Ratte; Beitrag zur vergleichenden Kropfforschung. 131p. 8°. Bern, 1919.

Abbott, A. C., & Prendergast, J. Histological variations in animal thyroids in western Canada. Canad. M. Ass. J., 1934, 31: 465-73.—Arndt, G. I. [Comparative pathology of goiter (in animals)] Klin. med., Moskva, 1929, 7: 1261-8. ——— Zur Kenntniss des endemischen Kropfes bei Haustieren; Beobachtungen vom Baikalsee. M nch. tier rztl. Wschr., 1929, 80: 197-200. ——— Kommt Kropf bei wildlebenden Tieren vor? Berl. tier rztl. Wschr., 1931, 47: 669.—Bayer, O. Kropf und Kretinismus bei Hunden. Prag. Arch. Tiermed., 1933, 13: 115-21.—Cad  , C., & Ball, V. Contribution   l' tude anatomo-pathologique des hypertrophies du corps thyro ide. Bull. Soc. sc. v t. Lyon, 1902, 5: 14-27.—Chesney, A. M., Clawson, T. A., & Webster, B. Endemic goitre in rabbits; incidence and characteristics. Bull. Johns Hopkins Hosp., 1928, 43: 261-77.—Clerc, E. Ueber den endemischen Kropf des Schweines. Beitr. path. Anat., 1927, 76: 444-70.—Danielopolu, D., Derevici, M., & Derevici, A. Thyro idic end mique chez le chien, le boeuf, la ch vre et les o ies des r gions end miques de Roumanie. Bull. Acad. m d. Roumanie, 1938, 3: 121-7.—Davis, J. S., jr., Hinton, J. W., &

Killian, J. A. Disturbed protein metabolism as a cause of colloid goiter in dogs. *West. J. Surg.*, 1932, **40**: 665-92.—**Ferguson, T. H.** Goitre or bronchocele in horses. *North Am. Vet.*, 1935, **16**: No. 11, 17-9.—**Hart, E. B., & Steenbock, H.** Thyroid hyperplasia and the relation of iodine to the hairless pig malady. *J. Biol. Chem.*, 1918, **33**: 313-23, 2 pl.—**Hausmann, W.** Bericht über die vom Volksgesundheitsamte eingeleiteten Erhebungen über den spontanen tierischen Kropf. *Wien. tierärztl. Mschr.*, 1937, **24**: 545-52.—**Wagner-Jauregg, J.** Ueber Kropfvorkommen bei Tieren. *Wien. klin. Wschr.*, 1937, **50**: 4-7.—**Huguenin, H.** Goiter in animals. *Rep. Internat. Conf. Goiter* (1927) 1929, **1**. Conf., 71-8.—**Keller, K.** Die Bedeutung der Kropfforschung für die Tierzucht und der Wert der Mitarbeit der Tierärzte für das allgemeine Kropfproblem. *Wien. tierärztl. Mschr.*, 1937, **24**: 553-6.—**Kinsley, A. T.** Hairless pigs; goitre in swine. *Vet. Med., Chic.*, 1928, **23**: 440.—**Kitt.** Neuzeitliche Anschauungen über die Kropfkrankheit. *Münch. tierärztl. Wschr.*, 1938, **89**: 241-6.—**McCarrison, R.** A goitre survey in albino rats. *Brit. M. J.*, 1930, **1**: 989-92.—**Müller-Lenhardt, & von Wendt.** Kropf bei Tieren; Jod in der Ernährung beim Tier. *Umschau*, 1931, **35**: 473.—**Quinlan, J.** A note on the occurrence of struma colloidales in bovines in the Transvaal. *Rep. Dir. Vet. Educ. Pretoria*, 1928, 577-9, 2 pl.—**Salsbery, C. E.** Hairless pigs; goiter. *Vet. Med., Chic.*, 1937, **32**: 139.—**Schlotthauer, C. F., McKenney, F. D., & Caylor, H. D.** The incidence of goiter and other lesions of the thyroid gland in dogs of Southern Minnesota. *J. Am. Vet. M. Ass.*, 1930, **76**: 811-9.—**Sklower, A.** Ueber einen Fall von Schilddrüsenhypertrophie bei einem jungen Leoparden (*Felis pardus* L.). *Zool. Anz.*, 1926, **69**: 111.—**Stoppoloni, G., & Duca, F.** Struma anulare congenita con ipotrichia ed ipogenitalismo in *Bos taurus* L. *Boll. Soc. eustach.*, 1938, **36**: 19-51, 4 pl.—**Wagner-Jauregg.** Involution processes in goiters of rats. *Rep. Internat. Conf. Goiter* (1927) 1929, **1**. Conf., 118.—**Ueber den Erbkropf.** *Wien. tierärztl. Mschr.*, 1937, **24**: 556-61.

— in pregnancy.

PLANK, J. *Die Beziehungen der Struma zur Gravidität. 20p. 8° Münch., 1929.

WATANABE, H. *Ueber eine schnellwachsende Struma in der Schwangerschaft mit tödlichem Ausgang. 33p. 8° Lpz., 1902.

Bonafos & Magnol. Goitre plongeant Basedowifé au cours de la grossesse; ablation après l'accouchement; arrêt de la sécrétion lactée. *Bull. Soc. obst. gyn. Paris*, 1936, **25**: 60-2.—**Dab, N.** [Goiter and pregnancy]. *Polska gaz. lek.*, 1938, **17**: 937-9.—**Davis, C. H.** Thyroid hypertrophy and pregnancy; with data on basal metabolism and the calcium content of the blood. *J. Am. M. Ass.*, 1926, **87**: 1004-9.—**Gardiner-Hill, H.** Pregnancy complicating simple goitre and Graves's disease. *Lancet, Lond.*, 1929, **1**: 120-4.—**Gibbon, J. W.** Goiter during pregnancy. *South. M. & S.*, 1928, **90**: 80-3.—**Gutzeit, R.** Ueber einen Fall von Insuffizienz der Schilddrüse infolge Schwangerschaft bei Kolloidkropf. *Zbl. Gyn.*, 1926, **50**: 2143-5.—**Hinton, J. W.** The significance of thyroid enlargement during pregnancy. *Am. J. Obst.*, 1927, **13**: 204-9.—**Job, M.** Grossesse de 5 mois; goitre; accidents de compression. *Bull. Soc. obst. gyn. Paris*, 1928, **17**: 92.—**Mussey, R. D., & Plummer, W. A.** Treatment of goiter complicating pregnancy. *J. Am. M. Ass.*, 1931, **97**: 602-5.—**Newill, D. S.** Management of simple and hyperplastic goiter complicated by pregnancy, with case report. *Nat. Elect. M. Ass. Q.*, 1937-38, **29**: 180-5.—**Rhemann, F.** [Struma and pregnancy]. *Orv. hetil.*, 1935, **79**: 866-9.—**Schleussing, H.** Schilddrüsenknoten und Schwangerschaft. *Verh. Deut. path. Ges.*, 1931, **26**: 304-7 [Discussion] 312-5.

GOITER, exophthalmic.

See Thyrotoxicosis.

GOIZET, Louis Henry. La loi de formation des êtres; ne jamais vieillir et vivre plus de cent ans. 2. éd. 134p. 12° Par., N. Maloine, 1931.

GOJON, Hector, 1908— *Le mal de Pinto. 53p. 8° Par., M. Levergne, 1936.

GOKENBACH, Hans [Emil Otto] 1913—

*Ueber den Wert von Cejodyl-Terpen-Injektionen bei Pferden mit Krankheiten der Luftwege [Giessen] 41p. 8° Würzb., K. Triltsch, 1938.

GOKUS [Paul Karl] Theodor, 1905— *Thyreoiditis nach Angina [Marburg] 20p. 8° Mikultschütz (Oberschl.) J. Soika, 1932.

GOLAB, Samuel, 1905— *Contribution à l'étude des abcès du poulmon chez les nourrissons. 56p. 2 pl. 8° Par., M. Vigné, 1931.

GOLACH-SISSIN, Rosa. *Vergleich der Angaben über die Segmentinnervation der unteren Gliedmassen. 20p. tab. 8° Basel, M. Jolko, 1931.

GOLANDAS, Georg [Patroklos] 1905— *Ueber die Kombination von Tuberkulose und Geschwülsten im weiblichen Genitalapparate. 25p. 8° Münch. [F. Kaspeizer] 1927.

GOLANDAS, Gercas. *Zur Physiologie des Blutglykogens. 14p. 8° Stetten-Basel, K. Schahl, 1937.

GOLANT-RATNER, Raissa.

See Leningrad. Nauchno-issledovatel'skii nevropsikhiatricheskii institut im V. M. Bekhtereva. Rentgenodiagnostika i rentgenoterapia nervnykh dushevnykh zabolevani. 301p. 23cm. Leningr., 1935.

GOLAZ, Henri. *Contribution à l'étude des points de repère dans la résection rétro-gassérienne du trijumeau [Genève] 30p. 8° Lausanne, Impr. La Concorde, 1924.

GOLCHAN, Ibrahim, 1912— *Contribution à l'étude de la lithiase diverticulaire de la vessie. 95p. 25cm. Lyon, C. Berlioz, 1938.

GOLCMAN, Chonon, 1896— *Die Beziehungen zwischen Hämophilie, Purpura und Cholämie. 38p. l. 2 tab. 23cm. Berl., R. Pfau, 1936.

GOLD, Ernst. Die Chirurgie der Wirbelsäule. 2 p. l. v-viii, 364p. 239 illust. 8° Stuttg., F. Enke, 1933.

Forms 54. Bd, Neue Deut. Chir. (P. v. Bruns)

GOLD, Erwin, 1903— *Ein Beitrag zur Frage der Verwendung des Randolfmetalls für Kronen mit aufgegossener Kaufläche [Jena] 21p. 8° Wittenb., A. Tietze, 1925.

GOLD, Georg, 1912— *Zur Therapie der Anal- und Rectal-Prolapse mit besonderer Berücksichtigung der Spät-Resultate. 32p. 23cm. Zür., Fluntern, 1938.

GOLD, Philip, 1901— *Ueber Diabetes insipidus bei Meningitis tuberculosa [Zürich] 28p. 24cm. Basel [n. pub.] 1935.

GOLD, Salomon, 1910— *Traitement des tuberculoses externes par l'extrait bacillaire colloidal [Paris] 46p. 24cm. Roanne, Impr. & papet. réun., 1938.

GOLD, Sura, 1900— *Contribution à l'étude du cancer du corps de l'utérus. 47p. pl. 8° Par., N. Maloine, 1929.

GOLD.

See also Alchemy; Chemistry, History; Metal.

ANTHONY, F. *Medicinae chymicae et veri potabilis auri assertio.* 58p. 8° Cambridge, 1610.

Berg, R. Das allgemeine Vorkommen von Gold in Nahrungsmitteln und Organen. *Biochem. Zschr.*, 1928, **198**: 424-7.—**Braun, C. D.** [New reaction for gold] *Pharm. tid.*, *Kbh.*, 1868, **7**: 382.—**Lecomte de Noüy, J.** La recherche de l'or dans l'ancienne Egypte. *Nature, Par.*, 1934, **62**: 21-4.—**Leulier, A., & Payre-Picot, L.** Sur la vitesse de diffusions de quelques composés de l'or. *C. rend. Soc. biol.*, 1934, **115**: 1694.—**Palomino, H. F.** El oro, su historia. *Bol. Esc. odont.*, Lima, 1938, **2**: 15-8.—**Partington, J. R.** The discovery of mosaic gold. *Isis, Bruges*, 1934, **21**: 203-6.—**Silva Carvalho.** Mezinhas e remedios de segredo; o oleo d'ouro e outras preciosidades. *Med. contemp.*, *Lisb.*, 1927, **45**: 9-12.—**Zviagintsev, O. E.** [Geo-chemistry of gold] *Priroda*, Leningrad, 1939, **28**: No. 2, 52-60.

— Alloy.

See also Amalgams; Dentistry, Material: Metals.

Quintero, J. T. L'acier inoxydable et les alliages d'or en orthodontie. *Ber. Internat. Zahnärztekongr.* (1936) 1937, **9**. Kongr., **1**: 1469-96 [Discussion] **2**: 538.—**Spanner, J.** Kontraktion und Warmfestigkeit von Goldlegierungen. *Ibid.*, 1541-32 [Discussion] **2**: 555.—**Trillat, J., Oketani, S., & Miyaké, S.** Analyse électronique: oxydation des alliages Au-Cu (complément à un travail antérieur) *J. phys. radium*, Par., 1937, **7**. ser., **8**: 353.—**Wilkes, A. L.** A means of determining the proper temperature to produce the proper fluidity of gold alloys in casting. *Pacific Dent. Gaz.*, 1928, **36**: 143-9.

colloidal.

See Goldsol.

Determination.

Jamieson, A. R., & Watson, R. S. The determination of minute quantities of gold in urine. *Analyst*, Lond., 1938, 63: 702-4.—**Merejkovsky, B. K.** Méthode de microdosage colorimétrique de l'or, application biologique aux études sur l'aurothérapie. *Bull. Soc. chim. biol.*, Par., 1933, 15: 1336-8.—**Pollard, W. B.** The micro-determination of gold. *Analyst*, Lond., 1937, 62: 597-603.—**Rossi, L.** Ensayos al toque y a la gota, nuestro reactivo para el reconocimiento del oro. *Prensa méd. argent.*, 1936, 23: 102-4.—**Santori, G.** Determinazione dell'oro nelle urine di individui trattati con preparati aurici. *Gior. ital. derm. sif.*, 1930, 71: 1027-30.

Determination, histochemical.

AGNES, P. *Etude histospectrographique de l'or fixé dans les tissus à la suite de la chrysothérapie. 54p. 8°. Lyon, 1935.

MICHAELIS, O. *Die Brauchbarkeit der histochemischen Methoden des Goldnachweises. p. 478-88. 8° [Berl.] 1931.

Also *Biochem. Zschr.*, 1929-30, 225:

Bonnet, P., Ponthus [et al.] Détection de l'or contenu dans la cornée d'un lapin par coloration électrolytique d'une membrane protéique. *Arch. opht.*, Par., 1939-40, 1, ser., 3: 813.—**Borchardt, H.** Ueber die experimentelle Chrysois bei Kaninchen und Hunden und ihren histochemischen Nachweis. *Virchows Arch.*, 1928, 267: 272-80.—**Burkhardt, L., & Gerlach, W.** Histologische und spektralanalytische Untersuchung der exhumierten Organe eines Goldarbeiters bei Verdacht auf Edelmetallvergiftung. *Msehr. Unfallh.*, 1936, 43: 136-44.—**Christeller, E.** Ein mikrohistochemisches Goldreaktion. *Verh. Deut. path. Ges.*, 1927, 22: 173-81.—**Cohen, R.** Contribution à l'étude histochemique des dépôts d'or dans les cellules. *C. rend. Soc. biol.*, 1936, 122: 1123.—**Galinal, J. A.** Untersuchungen mit der mikrohistochemischen Goldreaktion an Organen sanocrysinbehandelter Tuberkulöser. *Zschr. Tuberk.*, 1927, 48: 433-42, 2 pl.—**Gaul, L. E., & Staud, A. H.** Clinical spectroscopy, a study of biopsy material taken from patients receiving gold sodium thiosulphate. *Arch. Derm. Syph.*, Chic., 1933, 28: 790-4.—**Gauthier-Villars, P.** Recherches histochemique de l'or. *C. rend. Soc. biol.*, 1932, 109: 197.—**Gerlach, W., Ruthardt, K., & Prüssner, L.** Der Elementnachweis im Gewebe, die quantitative Bestimmung von Gold in Geweben mittels Spektralanalyse, nebst histochemischen Vergleichsuntersuchungen. *Beitr. path. Anat.*, 1933, 91: 617-42.—**Grassi, A.** Ricerche istochimiche sul fosforico. *Dermosifilograf.*, 1931, 6: 698-701.—**Keiding, E., & Keiding, J.** Methode zum Nachweis und zur Bestimmung kleiner Goldmengen in organischer Substanz. *Acta tubercul. scand.*, 1925, 1: 200-14.—**Kurosu, S.** Ein histochemischer Goldnachweis, zugleich ein Beitrag zur Frage der Verteilung und Ausscheidung des Sanocrysin im gesunden und tuberkulösen Körper. *Zschr. ges. exp. Med.*, 1927, 57: 77-110.—**Lomholt, S.** [Determination of small amounts of gold in organic substances.] *Ugeskr. læger*, 1925, 87: 686.—**Okamoto, K., Akagi, T., & Mikami, G.** Biologische Untersuchungen des Goldes; über die histochemische Goldnachweisemethode. *Acta Scholae med. Univ. Kioto*, 1938-39, 22: 373-81, pl.—**Pagel, W.** Bemerkungen zur Abhandlung von Kurosu über einen histochemischen Goldnachweis usw. *Zschr. ges. exp. Med.*, 1927, 58: 642-4.—**Policard, A., Dufourt, A.** [et al.] Application de la méthode histospectrographique à l'étude de la localisation de l'or dans l'organisme au cours de la chrysothérapie. *Bull. histol. appl.*, Lyon, 1933, 10: 59-69.—**Prüssner, L.** Zur färberischen Darstellung des Goldes im Gewebe. *Beitr. path. Anat.*, 1933, 92: 427, pl.—**Roberts, W. J.** Recherches de l'or dans les tissus animaux par la méthode du développement physique (Keimmethode de Liesegang). *Bull. histol. appl.*, Lyon, 1935, 12: 344-61.—**Tukats, S.** Die jodometrische Bestimmung kleiner Goldmengen in tierischen Organen. *Biochem. Zschr.*, 1933, 260: 143-6.

Metabolism.

Höb, B. *Histologische Untersuchungen über die Verteilung von Goldpräparaten (Solganal) im tierischen Organismus [München] 24p. 8°. Tüb., 1934.

Angelo, F. de. Assorbimento dei sali d'oro per via gastrica. *Riv. san. sicil.*, 1932, 20: 1007-13.—**Arloing, F., Dufourt, A., & Demoufaucon, J.** Sur l'élimination et l'absorption de l'hyposulfite double d'or de sodium. *C. rend. Soc. biol.*, 1931, 108: 891.—**Sur la fixation de l'or dans les viscères des cobayes sains et des cobayes tuberculeux.** *Ibid.*, 1932, 109: 1047-9.—**Elimination de l'or chez les tuberculeux pulmonaires soumis à la chrysothérapie.** *Ibid.*, 393-6.—**Di Molfetta, N.** Ricerche istochimiche sulla diffusione e fissazione dei sali di oro nello scheletro. *Arch. Ist. biochim.*, 1939, 11: 285-94, pl.—**Döllken, H.** Verlauf der Goldausscheidung durch die Nieren. *Beitr. Klin. Tuberk.*, 1931, 78: 325-30.—**Gaul, L. E., & Staud, A. H.** Clinical spectroscopy;

quantitative distribution of gold in the body or its physiopathologic retention as a reciprocal of the capillary system. *Arch. Derm. Syph.*, Chic., 1935, 32: 768-74.—**Gerlach, W.** Ueber die Goldverteilung im Körper goldbehandelter menschlicher Tuberkulöser. *Beitr. Klin. Tuberk.*, 1935-36, 87: 370-3.—**Spektrographische Untersuchungen über die Goldverteilung bei goldbehandelten Menschen und Versuchstieren.** *Arch. exp. Path.*, Berl., 1935, 179: 286-95.—**Giuffrida, F.** Sulla distribuzione nell'organismo dell'oro colloidale introdotto per via endotracheale. *Biochim. ter. sper.*, 1927, 14: 198-200.—**Grassi, A.** Ricerche istochimiche sull'assorbimento di preparati aurici iniettati disciolti in acqua ed in sospensione oleosa. *Gior. ital. derm. sif.*, 1934, 75: suppl., 269-71.—**Hansborg, H.** [Behavior of gold in the organism after intravenous injections of some complex gold compounds] *Bibl. læger*, 1929, 121: 564-76.—**Koppenhöfer.** Ablagerung und Verteilung von Gold nach Zufuhr anorganischer und organischer Goldpräparate. *Deut. med. Wschr.*, 1936, 62: 1011.—**Leitner, S. J.** Histochemische Untersuchungen über Goldablagerung in den Organen goldbehandelter Kaninchen. *Beitr. Klin. Tuberk.*, 1938, 91: 626-35.—**Leulier, A., & Payre-Ficot, L.** Sur le sort de quelques composés de l'or dans l'organisme animal. *C. rend. Soc. biol.*, 1934, 116: 530-2.—**Lomholt, S.** Die Zirkulation des Goldes bei der Sanocrysin-Behandlung (quantitative Untersuchungen mittels einer elektrolitischen Methode). *Biochem. Zschr.*, 1926, 172: 141-8.—**Tagliabue, E.** L'eliminazione dell'oro negli ammalati di tubercolosi polmonare curati con la sanocrisina. *Boll. Soc. med. chir.*, Pavia, 1926, n. ser., 1: 1405-39, ch.

Pharmacology.

GELBART, O. *Die therapeutische Wirksamkeit der Goldverbindungen. 23p. 21cm. Basel, 1939.

SCHNEIDER, M. *Ueber die bakterizide Wirkung von Solganal in vitro und in vivo [Zürich] 23p. 8°. Basel, 1928.

Also *Schweiz. med. Wschr.*, 1928, 58: 776-82.

STERN, H. *Ueber histologische Veränderungen bei Goldtherapie durch Solganal. 34p. 8°. Berl., 1933.

WÜRTZEN, C. H. Recherches sur les effets de la sanocrysin, et sur la valeur thérapeutique du traitement par la sanocrysin dans la tuberculose pulmonaire. 224p. 4°. Kbh., 1926.

Balanesco, I. V., Oeriu, S., & Vartic, V. Le biochimisme au cours de la chrysothérapie des bacillaires. *Bull. Soc. chim. biol.*, Par., 1936, 18: 687-702.—**Barbieri, D.** Etudes expérimentales sur le complexe aurobactérien et sur le complexe aurotoxiques. *Boll. Sez. ital. Soc. internaz. microb.*, 1935, 7: 452-6.—**Nova, P., & Benetti, P.** Studi sul complesso aurobatterico e sul complesso aurotossinico. *Bol. Ist. sieroter. milan.*, 1936, 15: 31-50.—**Beckmann, A.** Wie sind die Reaktionserscheinungen nach Sanocrysin aufzufassen? *Beitr. Klin. Tuberk.*, 1926, 65: 130-8.—**Besimsky, M., & Itabuffetti, L. U.** Contribución al estudio de la acción del aurotiosulfato de sodio sobre el bacilo de Koch. *Sem. méd.*, B. Air., 1927, 34: 1043-6.—**Carratala, R. E., & Guerra, C.** L'oro: estudio sobre su acción. *Rev. méd. urug.*, 1936-37, 4: 210.—**Also Sem. méd., B. Air., 1937, 44: 1336-42.—**Cavallacci, G.** Ricerche istochimiche sulla diffusione negli annessi e nel globo oculare dei sali di oro introdotti per vie diverse. *Arch. ottalm.*, 1938, 45: 1-38.—**Colbert, C., & Mollard, H.** A propos de la chrysothérapie comparée: sels d'or et tissu électif. *Bull. méd.*, Par., 1934, 48: 392-4.—**Collier, W. A.** Ueber die chemotherapeutische Wirkung einer Goldverbindung eines hochmolekularen SS-Keratin-spaltproduktes. *Zschr. Immunforsch.*, 1935, 85: 287-94.—**Courmont, P., Gardère, H., & Pichat, P.** Limites de l'action des sels d'or sur les cultures homogènes du bacille de Koch. *C. rend. Soc. biol.*, 1932, 111: 387-90.—**Variations du pouvoir bactéricide des sels d'or sur le bacille de Koch in vitro suivant la composition du milieu et le nombre des bacilles ensemencés.** *Ibid.*, 1933, 114: 48.—**Rapport entre l'action bactéricide des sels d'or in vitro et leur action bactéricide in vivo vis-à-vis du bacille de Koch.** *Ibid.*, 50.—**Also J. méd. chir., Par., 1934, 105: 746-51.—**Culotta, A.** Contributo sperimentale e clinico allo studio dell'auroterapia. *Riforma med.*, 1934, 50: 305.—**Eichelberger, L., & McCluskey, K. L.** The effect of injections of sanocrysin on normal and tuberculous dogs. *Am. Rev. Tuberc.*, 1926, 14: 533-48.—**Feldt, A.** Chemotherapeutische Versuche mit Gold; die Wirkungsweise von Goldpräparaten im infizierten Tiere. *Klin. Wschr.*, 1927, 6: 1136-9.—**Ueber experimentelle Fortschritte in der Goldtherapie.** *Beitr. Klin. Tuberk.*, 1937, 89: 649-52.—**Fischl, V., Kotrba, J., & Singer, E.** Der Nachweis von Gold in Spirochäten und Trypanosomen. *Zschr. Hyg.*, 1934, 116: 69-71.—**Fochi, E., & Rignani, M.** Criteriatura, ricerche sulla fissazione dell'oro nei tessuti e sulle modificazioni del sistema reticolo-endoteliale. *Gior. clin. med.*, 1935, 16: 451-66.—**Forester, J., & Certoncy, A.** Les sels d'or, pharmacologie; formules chimiques; physiologie, accidents, posologie. *Paris méd.*, 1935, 95: 577-87.—**Giangani, A.** Ricerche chimiche sulla fissazione di oro nella cute. *Gior. ital. derm. sif.*, 1934, 75: 291.—**Fissazione di oro nella cute per introduzione******

- orale di sanocrisina. Boll. Soc. med. chir., Pavia, 1934, 48: 679-88.—Grasset, E. Action de composés organiques d'or sur les toxines diphtérique et tétanique et propriétés antigéniques de dérivés atoxiques résultants. C. rend. Soc. biol., 1934, 116: 1220-3.—Grassi, A. Ricerche istochimiche in animali sani e tubercolosi trattati con un nuovo preparato di oro. Morgagni, 1932, 74: 155-61.—Hansborg, H. Bemerkungen über die Verhältnisse des Goldes während der Sanocrysinbehandlung. Acta tuberc. scand., 1926-27, 2: 348-52.—Issekutz, B., Leinzinger, M. [et al.] Beiträge zur Pharmakologie der Goldverbindungen. Arch. exp. Path., Lpz., 1930, 152: 288, 306, 318.—Janosó, N., & Novák, E. Mikrobiologische Grundlagen der chemotherapeutischen Wirkung; die Bindung chemotherapeutisch verabreichter Goldverbindungen durch verschiedene Arten von Rekurrensspirochäten. Zbl. Bakt., 1. Abt., 1935, 134: 159-69.—Kime, J. W. Action of gold upon the tubercle bacillus. Med. Rec., N. Y., 1934, 140: 88-91.—Kováts, F., & Dirner, Z. [Effect of gold preparations and other chemicals on the development of acid-fast and non acid-fast microbes]. Magy. orv. arch., 1930, 31: 571-8.—Le Blanc, E. Ueber die Wirkung des Sanocrysin. Münch. med. Wschr., 1926, 73: 313-5.—Menk, W. Ueber die chemotherapeutische Wirkung von Goldverbindungen bei der mit der Spirochaeta crocidurae infizierten Maus, unter besonderer Berücksichtigung der Behandlung mit Neosalvarsan-Solganalgemischen. Arch. Schiffs Tropenhyg., 1931, 35: 97-107.—Mennonna, G. Sulla azione antibatterica in vitro dell'aurosolfato di sodio (sanocrisina) con particolare riguardo al B. di Koch. Gior. med. mil., 1934, 82: 887-910.—Michelazzi, A. M. Cure auriche e presenza dell'oro nelle sinoviali articolari. Gior. clin. med., 1934, 15: 923-7.—Mollgaard, H. Ueber die bisherigen Resultate der experimentellen Sanocrysinforschung. Acta tuberc. scand., 1926, 2: 195-255.—Einige Bemerkungen über die Bangschen Versuche mit Sanocrysin. Zschr. Tuberk., 1926, 45: 120-2.—Neergaard, K. von. Ein Beitrag zur Pharmakologie des Sanocrysin. Schweiz. med. Wschr., 1926, 56: 1026-8.—Neuber, E. [Pharmacodynamics of gold preparations]. Orv. hetil., 1934, 78: 1175-9.—Ueber den Heilwert und Wirkungsmechanismus der Goldpräparate, mit besonderer Rücksicht auf einige chronische Infektionskrankheiten (Sklerom, Aktinomykose, Filariase) Wien. klin. Wschr., 1935, 48: 486-90.—Neufeld, F. Ueber die experimentellen Grundlagen der Sanocrysintherapie. Deut. med. Wschr., 1926, 52: 133.—Orestano, G. Azione farmacologica dell'oro. Boll. Soc. ital. biol. sper., 1932, 7: 256-8.—Renzo, A. Mecanismo de acção dos saes de ouro; papel do sistema reticulo-endothelial e da acídose aurica. Brasil med., 1937, 51: 638-43.—Schiemann, O., & Feldt, A. Heilversuche an Mäusen mit Goldpräparaten. Zschr. Hyg., 1926, 106: 83-95.—Schlossmann, H. Gold. In Handb. exp. Pharm. (Heffter & Heubner) Berl., 1934, 3: T. 3, 2118-64.—Siegmund, H. Die Rolle des aktiven Mesenchyms für die Heilung von Infektionen (insbesondere bei der Goldbehandlung der Tuberkulose) Deut. med. Wschr., 1937, 63: 1897-902.—Sjorslev, N. [Bacillary action in 61 patients treated with sanocrysin] Hospitalstidende, 1926, 69: 444-7.—Vacarezza, R. A., & Martinez, F. Modo de acción de la sanocrisina y fundamentos de su posología. Rev. espec., B. Air., 1929, 4: 1179-92.—Watanabe, Y., & Sato, H. Bacteriological and small animal experiments with sanocrisin. Japan M. World, 1927, 7: 133.—Watanabe, Y., & Sato, S. Phenomena in vitro and experiments on small animals. Sc. Rep. Gov. Inst. Infect. Dis., Tokyo, 1927, 6: 427-46.—Weise, K., & Jakobssohn, E. Ueber die Wirkung des Sanocrysin und des Serums von Mollgaard am Meerschweinchen. Beitr. Klin. Tuberk., 1927, 66: 144-62.—Ziegler, K., & Dörle, M. Beitrag zur desinfizierenden Wirkung komplexer Goldsalze. Ther. Gegenwart, 1931, 72: 300-5. Also Zschr. ges. exp. Med., 1931, 77: 1-21.—Ueber die katalytische, leistungsteigernde Wirkung niedrig konzentrierter organischer Goldverbindungen. Ibid., 78: 467-83.
- 740-8.—Heinild, S. Problems concerning the behavior of thrombocytes during sanocrysin therapy. Acta med. scand., 1937, 92: 308-46.—Herborg, G. Sanocrysin problems, studies on the sedimentation test in connection with sanocrysin injections. Acta tuberc. scand., 1934, 8: 131-44.—Hughes, T. A. The effect of sanocrysin on the efficiency of the liver. Ind. M. Gaz., 1930, 65: 133-5.—& Shrivastava, D. L. Blood changes following injection of sanocrysin in pulmonary tuberculosis. Brit. M. J., 1930, 2: 248.—Leucocyte changes following injection of sanocrysin in pulmonary tuberculosis and their significance. Ind. J. M. Res., 1931, 19: 585-91.—Josephsen, G. Sanocrysin problems; liver function during sanocrysin treatment. Acta tuberc. scand., 1934, 8: 145-9.—Blutuntersuchungen während Sanocrysinbehandlung. Ibid., 271-82.—Jullien, W. Remarques sur les modifications sanguines au cours de la chrysothérapie. Rev. tuberc., Par., 1934, 4. ser., 2: 162-6.—Katz, G., & Leffkowitz, M. Beeinflussung der Senkungsgeschwindigkeit der roten Blutkörperchen durch Sanocrysin; Untersuchungen in vitro und in vivo. Zschr. Tuberk., 1926, 45: 193-9.—Leitner, S. J. Die Wirkung der Goldbehandlung auf den Oponingehalt des Serums im Tierversuch. Beitr. Klin. Tuberk., 1938, 91: 356-74.—Spezifische und unspezifische Blutuntersuchungen bei Goldbehandlung der Tuberkulose. Ibid., 636-50.—Levinson, S. A., Petersen, W. F., & Milles, G. Endothelial permeability following injections of sanocrysin. Am. Rev. Tuberc., 1927, 16: 285-98.—Lunding, N. C. [Researches on the kidney function in patients treated with sanocrysin] Ugeskr. laeger, 1926, 88: 30-8.—McCluskey, K. L., & Eichelberger, L. Chemical urinary studies on patients with pulmonary tuberculosis under sanocrysin treatment. Am. Rev. Tuberc., 1927, 16: 273-84.—Mordini, E. Crisoterapia e modificazioni ematologiche. Osp. maggiore Novara, 1935, 12: 343-54.—Nancel-Pénard, C., & de Lachaud, R. Les modifications sanguines au cours de la cure aurique en tuberculose pulmonaire. Prat. méd. fr., 1936, 17: 265-74.—Navarro Gutiérrez, R., Alix y Alix, J. [et al.] Modificaciones experimentadas por la velocidad de sedimentación bajo la influencia de los preparados de oro en los primeros tiempos de la cura. Progr. clin. Madr., 1933, 41: 363-8.—Pavie, P., Mollard, H., & Lefèvre, P. Etude des modifications sanguines au cours de la chimiothérapie par les composés auriques. Rev. tuberc., Par., 1932, 3. ser., 13: 804-20.—Piotrowski, G. Modificaciones sanguines au cours de la chrysothérapie. Helvet. med. acta, 1935-36, 2: 590-7.—Raponsky, A. I. Incoagulabilité sanguine in vitro par les sels d'or. Gaz. hóp., 1934, 107: 1071.—Ray, K. S., Sen, N., & Dasgupta, H. N. Some observations upon the possible bearing of differential leucocytic count as regards prognosis and tolerance of gold therapy in cases of pulmonary tuberculosis. J. Ind. M. Ass., 1937-38, 7: 8-13.—Renzo, C. Le alterazioni ematologiche della crisoterapia. Minerva med., Tor., 1933, 24: pt 2, 839-45.—Roberts, W. J. Zum Verhalten des Gehirns nach Injektion von Goldsalzen. Arch. Psychiat., Berl., 1938-39, 109: 744-54.—Rusu, V. [Effect of aurotherapy on the protein metabolism in the liver] România med., 1937, 15: 120-2.—& Sicheit, P. Der Einfluss des Sanocrysin auf das reticulo-endotheliale System im gesunden und tuberkulösen Organismus. Münch. med. Wschr., 1937, 84: 186-8.—Vaina, I. [Rate of erythrocyte sedimentation in aurotherapy] Cluj. med., 1938, 19: 310-2.—Vignes, H. Effets de la thérapeutique par les préparations d'or sur la menstruation. Progr. méd., Par., 1936, 1951.—Vogel gen. Eysern, H. Zur Wirkung der Goldsalze auf den Kohlenhydratstoffwechsel. Verh. Ges. Verdauungskr., 1934, 12: 136.—Weiss, R. S., Lane, C. W., & Bagby, J. W. Effect on the leukocytes of therapy with a gold preparation. Arch. Derm. Syph., Chic., 1937, 35: 1074-86.

Poisoning.

Pharmacology: Effect on organs and functions.

See also Gold, Poisoning.

FETTBACH [H. F.] E. *Das Verhalten des Sanoerysin in der Niere des Meerschweinchens [Leipzig] 15p. 8° Zeulenroda i. Thür., 1933.

FIÉ, M. *La formule hémo-leucocytaire et l'état de la coagulation au cours de la chrysothérapie. 88p. 8° Par., 1935.

Balabescu, I. V., Gaspar, I., & Gontea, I. [Effect of aurotherapy on the function of the liver explored by the galactose test] România med., 1936, 14: 92-4.—Busquet, H., & Vischior, C. Immunisation rapide de l'intestin isolé vis-à-vis du chlorure et du camphorsulfonate d'or. C. rend. Soc. biol., 1932, 111: 585-7.—Dumarest, F., Mollard, H., & Pavie, P. Les modifications de la formule sanguine au cours de l'aurothérapie. Ibid., 1931, 108: 794.—Edmund, C. Reactions of normal eyes in patients treated with sanocrysin. Acta ophth., Kbh., 1927, 4: 237-61.—Fransen, J. The action of sanocrysin on healthy kidneys in rabbits. Acta tuberc. scand., 1926, 2: 183-94.—Fraser, T. A. An investigation into the changes in the white blood count during sanocrysin treatment of pulmonary tuberculosis. Abstr. Theses Univ. Aberdeen, 1934, 25.—Germer, K. [Examination for thrombocytes in patients treated with sanocrysin] Ugeskr. laeger, 1934, 96:

BEHR, E. *Ueber Schädigungen nach therapeutischer Goldanwendung [München] 26p. 8°. Ohlau, 1932.

BOURGEOIS, D. *Les néphrites auriques des tuberculeux. 95p. 8° Par., 1936.

FURIC, L. H. M. *Les accidents des sels d'or; considérations pharmacologiques, cliniques, pathogéniques et thérapeutiques. 117p. 8° Par., 1934.

GIREAUX, L. *Contributions à l'étude des accidents rénaux au cours du traitement aurique. 46p. 8° Par., 1935.

JAUNEAU, R. *Les accidents de la médication aurique; leur polymorphisme. 124p. 8° Par., 1931.

Ameuille, P., & Hinault, V. Les accidents de l'aurothérapie dans la tuberculose pulmonaire et leur portée. Paris méd., 1932, 83: 33-8.—Armand-Delille, Gavois & Bayle, V. Intoxication aurique grave, malgré de faibles doses; manifestations cutanées et modifications sanguines. Bull. Soc. pédiat. Paris, 1932, 30: 654-8.—Armand-Delille, P. F., Hechter, P., & Bayle, V. Accidents auriques graves à la suite de doses faibles de thiosulfate double d'or et de sodium chez un enfant ayant des antécédents d'anaphylaxie. Rev. tuberc., Par., 1932, 3. ser., 13: 1031-3.—Baeh, I. [Serious case of poisoning from small dose of Solganal B] Budapesti orv. ujs., 1936, 34:

- 121-4.—**Bernard, E., & Rossier, A.** Sur la néphrite par les sels d'or. *Paris méd.*, 1934, 91: 28-32.—**Bonorino Udaondo, C., Zunino, L. R., & Sanguinetti, L.** Ictericas y auroterapia. *Prensa méd. argent.*, 1933-34, 20: 2150-6.—**Bording, G., & Secher, K.** Sanocrysin problems; hyperglycemia in sanocrysin treatment. *Acta tuberc. scand.*, 1928-29, 4: 248-55.—**Boulin & Mallet.** L'ictère aurique. *Prat. méd. fr.*, 1936, 17: 399-405.—**Bourgeois, P., & Bourgeois, D. P.** Les néphropathies auriques graves. *Rev. tuberc., Par.*, 1936, 5, ser., 2: 386-410, pl.—**Bourgeois, P., Jesensky & Levernieux, J.** Néphrite aurique oedémateuse; étude histo-clinique des lésions rénales. *Bull. Soc. méd. hôp. Paris*, 1934, 3, ser., 50: 1657-65.—**Braillon, J.** Eruption bulleuse et désordres sanguins après chrysothérapie. *Sang. Par.*, 1934, 8: 227-31.—**Brown, H., Saleeby, E. R., & Schamberg, J. F.** A study of the toxic effects of certain gold compounds, as indicated by the blood chemistry and pathologic changes in the organs. *J. Pharm. Exp. Ther.*, 1926, 28: 141-56.—**Casanueva, T.** Complicaciones de la crisoterapia. *Med. ibera*, 1934, 28: pt 2, 303-11.—**Cetrángolo, A.** Cefaleas por sanocrisina. *Sem. méd., B. Air.*, 1926, 33: pt 2, 1751.—**Clarke, B. R.** A note on the after results of sanocrysin treatment. *Tubercle, Lond.*, 1926-27, 8: 465.—**Cordier & Saillard.** Accidents et contre-indications de l'aurothérapie. *Lyon méd.*, 1929, 143: 734.—**Coste, F., Forestier, J., & Bourderon, J.** Accidents biotropiques dus à l'or; réactions focales; bruchite aurique. *Bull. Soc. méd. hôp. Paris*, 1932, 3, ser., 48: 1171-8.—**Daloux, E., Valdiguié, P.** [et al.] Syndrome humoral de néphrose lipidique chez 2 tuberculeux au cours de la chrysothérapie. *Rev. tuberc., Par.*, 1939, 5, ser., 5: 681-99.—**Denéchau, D., & Bigot, C.** A propos de quelques accidents au cours de l'aurothérapie. *Arch. méd. Angers*, 1931, 35: 177-83.—**Dubois, A. L.** Angioscotoses et crisalbine. *Bull. Soc. opt. Paris*, 1935, 400-4.—**Dufourt, Vachon & Brun.** Série récente d'accidents dus à la chrysothérapie. *Lyon méd.*, 1933, 152: 80.—**Dumarest, F., Lebeuf, F.** [et al.] Intoxication, biotropisme, intolérance au cours des accidents de la chrysothérapie. *J. méd. chir., Par.*, 1932, 103: 277-97.—**Les troubles hépatiques chez les tuberculeux pulmonaires traités par les sels d'or.** *Paris méd.*, 1933, 87: 33-40.—**Dutrey, J.** Artritis sanocrisínica. *Prensa méd. argent.*, 1931-32, 18: 1502-6.—**Ernst, A. M.** Neue Methode zur Bestimmung der Toxizität von Goldverbindungen. *Arch. internat. pharm. dyn., Par.*, 1937, 56: 193.—**Ferrer y Rovira, J. F.** Edema angioneurótico como accidente de la auroterapia. *Tuberculosis, Habana*, 1930-31, 2: 329-31.—**Fonso Gandolfo, C., & Naim, J.** Curiosa observación de intoxicación aurica. *Sem. méd., B. Air.*, 1936, 43: 1429-43.—**Gantzel, T.** [Investigations of complications due to Sanocrysin treatment in various diseases] *Hospitaltidende*, 1937, 80: 1077-93.—**Gaté, J., Thiers, H., & Cuilleret, P.** Transmission passive au cobaye d'un état de sensibilisation aurique avec réalisation expérimentale d'un oedème aigu allergique du poulmon. *Bull. Soc. fr. derm. syph.*, 1933, 40: meet., 1235-7.—**Ginés, A. R.** Valor semiológico de ciertos signos de orden clínico y hematológico que pueden presentar algunos enfermos sometidos a la auroterapia. *Arch. urug. med.*, 1938, 13: 311-6.—**Giraud, A.** Les sels d'or en suspension huileuse dans le traitement de la tuberculose pulmonaire; accidents graves avec le solganal B. *Presse méd.*, 1933, 41: 1456-8.—**Gougerot, H.** Les accidents de la chrysothérapie. *Rev. gén. clin. théér.*, 1935, 49: 545-52.—**Gougerot, Cohen & Uhry, P.** Anaphylaxie à l'or. *Bull. Soc. fr. derm. syph.*, 1929, 36: 366-72.—**Halberkann, J.** Schädigung bei einer Solganal B-Behandlung; Goldbefund in den Organen. *Münch. med. Wschr.*, 1935, 82: 1190.—**Hickey, E. M.** Reactions following gold injections. *Brit. M. J.*, 1935, 1: 178.—**Hubert, K.** [Cases of poisoning caused by goldtherapy] *Norsk. mag. laegevid.*, 1936, 97: 1144-51.—**Jaquerod, A.** A propos de la sanocrysin; une visite à Copenhague. *Presse méd.*, 1927, 35: 806-8.—**Jorgerson, G. E.** Toxicity studies of colloidal gold. *Clin. M. & S.*, 1929, 36: 38-42.—**Jullien, W., & Mollard, H.** Aurosensibilité et aurorésistance. *J. méd. Bordeaux*, 1932, 109: 929-31.—**Kahane, E., & Stefanescu, V.** [Application of the method of nitro-sulpho-perchloric destruction in toxicological study of gold] *Rev. san. mil., Bucur.*, 1933, 32: 502-6. Also *Bull. Soc. chim. biol., Par.*, 1933, 15: 1239-46.—**Káll, A.** [Structural changes in the kidneys as a result of gold compounds] *Magy. orv. arch.*, 1932, 33: 211-8. Also *Ann. anat. path., Par.*, 1934, 11: 21-8.—**Kelly, L. C.** Colitis following injection of gold salts. *N. York State J. M.*, 1940, 40: 1192-4.—**Knosp.** Kasuistischer Beitrag zur Frage der Goldschädigungen. *Med. Klin., Berl.*, 1929, 25: 343.—**Lagèze, P.** Les accidents à retardement des suspensions huileuses de sels d'or. *Presse méd.*, 1939, 47: 864.—**Leblanc, M., & Stefanescu, V.** Recherches expérimentales sur la toxicité de sels d'or. *Rev. tuberc., Par.*, 1934, 4, ser., 2: 522-6.—**Levent, R.** Les accidents de la chrysothérapie. *Gaz. hôp.*, 1934, 107: 1674-7.—**Loubeyre, J., Conon & Porot, F.** Syndrome de néphrose lipidique chez un tuberculeux pulmonaire traité par des sels d'or. *Rev. tuberc., Par.*, 1938, 5, ser., 4: 255-62.—**Milian, G.** Ictère au cours d'un traitement par les sels d'or. *Bull. Soc. fr. derm. syph.*, 1936, 43: 972-9.—**Mohrmann, B. H. U.** Ueber Nebenwirkungen bei Triphalbehandlung. *Münch. med. Wschr.*, 1926, 73: 652.—**Orgaz, J.** Albuminuria sanocrysinica. *Prensa méd. argent.*, 1933-34, 20: 1139-42.—**Pasture Valley-Radot, Gilbrin, E., & Gauthier-Villars, P.** Mode d'élimination du métal dans les néphrites expérimentales par les sels d'or. *Presse méd.*, 1933, 41: 1827.—**Néphrites expérimentales par les sels d'or, parallélisme entre l'élimination du métal et les lésions histologiques.** *Ann. méd., Par.*, 1935, 37: 145-67, pl.—**Pierre-Bourgeois, Courtois, J.** [et al.] Néphropathie atypique avec albuminurie massive au cours de la chrysothérapie. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 1048-61.—**Pierre-Bourgeois, Loireau, J., & Giraud, J. C.** Diabète rénal par néphrite toxique aurique. *Ibid.*, 1934, 3, ser., 50: 962-4.—**Raimondi, A. A., & Scartascini, R.** Consideraciones sobre complicaciones renales, observadas en el curso de la tuberculosis pulmonar y del tratamiento aurico. *Prensa méd. argent.*, 1935, 22: 1363-75.—**Rosset, G.** A propos des accidents à retardement des suspensions huileuses de sels d'or. *Presse méd.*, 1939, 47: 1644. Also *Schweiz. med. Wschr.*, 1939, 69: 1285.—**Rubenstein, A. I.** Hazards encountered in gold therapy with report of 2 cases. *Pennsylvania M. J.*, 1935-36, 39: 948-52.—**Sarno, A., Artagaveytia, A. C., & Roca Esteves, A.** Albuminurias masivas en el curso del tratamiento aurico. *Rev. tuberc. Uruguay*, 1935-36, 5: 273-9.—**Secher, K.** Sanocrysin problems (albuminuria, exanthem) *Acta tuberc. scand.*, 1926-27, 2: 312-24. — Remarks on the temperature reactions during treatment with sanocrysin. *Ibid.*, 1927, 3: 51-8.—**Signet, G.** Albuminuries et néphrites auriques. *Hôpital*, 1934, 22: 258.—**Throne, B., Kingsbury, J., & Myers, C. N.** Unusual clinical manifestations following intravenous administrations of gold compounds. *Arch. Derm. Syph., Chic.*, 1932, 25: 494-507. Also repr.—**Weissenbach, R. J., Martineau, J.** [et al.] Néphrose lipidique après chrysothérapie. *Bull. Soc. méd. hôp. Paris*, 1936, 3, ser., 52: 1076-9.—**Wisse, J. G.** [Observations on undesirable properties of Solganal B oil] *Geneesk. tschr. Ned. Indië*, 1936, 76: 1131.
- **Poisoning: Blood and cardiovascular system.**
- BRAILLON, J.** *Les granulocytoses de l'aurothérapie. 106p. 8°. Par., 1935.
- HARTMENN, E.** *Ueber Veränderungen des Blutbildes und über Blutungen bei der Goldtherapie [München] 19p. 8°. Bottrop, 1937.
- MARGULIES, H. L.** *La neutropénie pernicieuse, accident de la chrysothérapie. 30p. 8°. Genève, 1936.
- PAR, N. M.** *Les accidents sanguins de la chrysothérapie. 48p. 8°. Par., 1936.
- Achard, C., Coste, F., & Cahen, R.** A propos des désordres hématologiques provoqués par les sels d'or. *Bull. Soc. méd. hôp. Paris*, 1932, 3, ser., 48: 547-57.—**Aguilar, O. P., Smirnov, I., & Vilar, I. J.** Púrpura hemorrágica en el curso del tratamiento sanocrisínico de la tuberculosis pulmonar. *Sem. méd., B. Air.*, 1938, 45: 357-62.—**Ameuille, P., Kudelski, C., Joseph, R.** Aleucie hémorragique d'apparition retardée observée au cours d'un traitement par la crisalbine. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 1428-31.—**Bernard, J.** Reproduction expérimentale du syndrome hémorragique aurique. *Sang. Par.*, 1935, 9: 85-7.—**Braillon, J.** Leucocytose pseudoleucémique après aurothérapie. *Ibid.*, 1934, 8: 99-102.—**Agranulocytose au cours de la chrysothérapie, rechute, guérison.** *Ibid.*, 231-4.—**Agranulocytose au cours de l'aurothérapie, guérison, reprise de l'aurothérapie sans incidents.** *Ibid.*, 352-6.—**Agranulocytose et ictère grave au cours de l'aurothérapie.** *Ibid.*, 356-60.—**Chabaud, J., Ginsbourg & Briand.** Syndrome de Schultz aurique. *Rev. tuberc., Par.*, 1936, 5, ser., 2: 1081-4.—**Chabaud, J., Ginsbourg, B., & Langlet, L.** Un cas de syndrome agranulocytairique aurique fruste. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 1238-40.—**Cozolino, T. F.** Shock producido por pequeñas dosis en el curso de la auroterapia. *Rev. tuberc. Uruguay*, 1932, 2: 446-9.—**Daniello, L., & Russu, V.** Hämatologische Veränderungen im Laufe der Goldtherapie. *Beitr. Klin. Tuberk.*, 1937, 89: 352-5.—**Ellman, P., & Lawrence, J. S.** Agranulocytosis with purpura haemorrhagica following gold therapy with a note on prevention of complications. *Brit. M. J.*, 1935, 2: 622.—**Emile-Weil, P., & Bousser, J.** Les états hémorragiques post-auriques. *Sang. Par.*, 1932, 6: 825-39.—**Ferrer y Rovira, J. F.** Purpura hemorrágica aparecida en el curso de un tratamiento aurico. *Tuberculosis, Habana*, 1932-33, 4: 85-9.—**Flandin, C., Escatier, A.** [et al.] Un cas d'agranulocytose mortelle par intolérance à l'or chez un tuberculeux pulmonaire. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 556-61.—**Fortunato, A.** Contributo clinico allo studio delle porpore auriche. *Riforma med.*, 1933, 49: 1381-3.—**Fregonara, G.** Comportamento e significato degli eosinofili nella crisoterapia della tubercolosi polmonare. *Osp. maggiore Novara*, 1938, 15: 250-71.—**Gautier, C., Seidmann, P., & Baudouin, A.** Aleucie hémorragique avec anémie grave au cours de la chrysothérapie. *Bull. Soc. méd. hôp. Paris*, 1936, 3, ser., 52: 1194-6.—**Germer, K.** [Case of extreme thrombopenia with consecutive hemorrhagic diathesis after a dose of sanocrysin] *Ugeskr. laeger*, 1934, 96: 199-202.—**Giauni, G.** Porpora emorragica e sindrome agranulocitaria aurica. *Gazz. osp.*, 1937, 58: 728-31.—**Gines, A. R.** Poliglobulias auricas, a propósito de un caso de crisisis y poliglobulia. *Rev. tuberc. Uruguay*, 1936-38, 6: 199-204.—**Gougerot, H., & Blum, P.** Syndrome hémato-génique (hémorragique et purpurique) déclanché tardivement par l'or. *Bull. Soc. fr. derm. syph.*, 1933, 40: 877.—**Graeber, H.** Pannylephthie nach Goldbehandlung. *Samml. Vergift.*, 1939, 10: A, 101-4.—**Hulst, D. L.** Gold poisoning, basophilic granulation and eosinophilia. *Acta rheumat., Rotterdam*, 1937, 9: H. 34, 4-7. Also *Ned. tschr. geneesk.*,

1937, 81: 868-75.—**Jacquelin, A., & Allanic, A.** Sur un nouveau cas d'agranulocytose post-chrysothérapique. *Bull. Soc. méd. hôp. Paris*, 1932, 3. ser., 48: 539-47.—**Jullien, W.** Aleucie hémorragique observée au cours d'un traitement par la crisalbine, évolution favorable. *Ibid.*, 1934, 3. ser., 50: 174-8.—**Lavergne, V. de, & Bichat, J.** L'aleucie hémorragique accident de la chrysothérapie. *Rev. méd. est.*, 1935, 63: 457-69.—**Lind-Hansen, E.** [Eosinophilia following sanocrysin therapy] Hospitalstidende, 1938, 81: 686-9.—**Luelmo, A., Vizcaino, F., & Casanueva, T.** Púrpura hemorrágica y eritrodermia durante el tratamiento por las sales de oro. *Arch. med., Madr.*, 1934, 37: 850-7.—**Margarot, J., Rimbaud, P., & Bétoulières, P.** Syndrome agranulocytaire au cours d'un traitement aurique. *Bull. Soc. fr. derm. syph.*, 1934, 41: 545-53.—**Marvel, L. de, & Bomchil, G.** Panniculitis cristoerápica, esplenectomia. *Sem. méd., B. Air.*, 1935, 42: 247-9.—**Milian, A.** Angine de Schultz et érysipèle au cours d'un traitement par la crisalbine. *Rev. fr. derm. vénér.*, 1935, 11: 47-9.—**Mirick, G. S.** Total agranulocytosis following gold therapy, report of a case with recovery and review of the literature. *Am. Rev. Tuberc.*, 1940, 41: 344-57.—**Raimondi, A. A., & Sangiovanni, A. C.** Púrpura hemorrágica de origen sanocrisínico. *Rev. Soc. med. int., B. Air.*, 1926, 2: 511-8, 2 pl.—**Rheinheimer, E. W., & Smith, L. M.** Granulopenia: report of case following injection of gold and sodium thiosulphate. *Southwest. J. M. & S.*, 1933, 17: 239.—**Rosenthal, D. B.** A case of hemoglobinuria complicating pulmonary tuberculosis during the administration of gold. *Med. J. Australia*, 1935, 1: 557-9.—**Schivo, A. J.** Shock seudo-sanocrisínico. *Rev. As. méd. argent.*, 1933, 47: 2137-43. Also *Sem. méd., B. Air.*, 1933, 40: 586-90.—**Secher, K.** Sanocrysin problems; thrombopenia during sanocrysin treatment. *Acta tuberc. scand.*, 1934, 8: 120-30.—**Les états hémorragiques post-auriques.** *Sang. Par.*, 1940, 14: 59-64.—**Sézary, A., & Friedmann, E.** Intolérance médicamenteuse (crise nitroïde) causée par la sulfamido-chrysoïdine (rubiazol). *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 636-40.—**Søndergaard, K.** Décès dus à l'angine et l'agranulocytose à la suite du traitement par la sanocrysine. *Acta tuberc. scand.*, 1939, 13: 318-49.—**Stuhl, C.** 1st Krysolgan ein Kapillargift? *Deut. med. Wschr.*, 1924, 50: 207.—**Vignati, J.** Hradistě, U., & Skalak, V. L'hyposulfite de soude contre les accidents de la chrysothérapie. *Presse méd.*, 1934, 42: 212-4.—**Weissenbach, R. J., Martineau, J.** [et al.] Anémie grave avec neutropénie et syndrome hémorragique après chrysothérapie. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 1071-6.—**Wintrobe, M. M., Stowell, A., & Roll, R. M.** Report of a case of aplastic anemia following gold injections in which recovery occurred. *Am. J. M. Sc.*, 1939, 197: 698-706.

Poisoning, fatal.

SMILOVICI, L. *Les accidents mortels dus à la chrysothérapie. 36p. 8° Par., 1935.

Anderson, N. LaR., & Palmer, W. L. The danger of gold salt therapy, report of fatal case. *J. Am. M. Ass.*, 1940, 115: 1627-30.—**Driver, J. R., & Weller, J. N.** Untoward results from the use of gold compounds; report of a fatal case. *Arch. Derm. Syph., Chic.*, 1931, 23: 87-109. Also repr.—**Fatzer, H.** Tödliche Vergiftung durch Goldpräparate. *Schweiz. med. Wschr.*, 1936, 66: 120.—**Goldhammer, S.** Ein Fall von tödlicher Solganalvergiftung. *Med. Klin., Berl.*, 1935, 31: 645-7.—**Maccabruni, G.** Su un caso di morte seguita a somministrazione di dosi terapeutiche di un sale d'oro. *Boll. Soc. med. chir. Pavia*, 1938, 52: 603-9.—**Olmer, J., & Sarradon, P.** Néphrite azotémique mortelle après injection de 5 centigrammes d'un sel d'or intramusculaire. *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 1753.—**Pierre-Bourtois, Thiel, H., & Broutman, J.** Accident mortel de la chrysothérapie: syndrome de Landry associé à une érythrodermie aurique. *Ibid.*, 1935, 3. ser., 51: 90-2. Also *J. méd. Paris*, 1935, 55: 376-8.—**Talati, J. M.** Fatal exfoliative dermatitis as a complication of sanocrysin treatment of pulmonary tuberculosis. *Ind. M. Gaz.*, 1928, 63: 391.—**Urgoiti, A., & Hermida, J.** Síndrome hemático maligno mortal producido por la crisoterapia. *Arch. med., Madr.*, 1935, 38: 117-9.

Poisoning: Nervous system.

ROSSAND, L. A. *Des accidents nerveux de la chrysothérapie [Lyon] 97p. 8° Trévoux, 1936.

Bernard, E., & Morin, M. Accident nerveux de la chrysothérapie; syndrome hyperdouloureux et parétique à topographie hémiplégique; secousses fibrillaires; troubles psychiques. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 469-76.—**Blanco, C. M.** ¿Puede la auroterapia determinar como accidente un síndrome epileptiforme? *Rev. méd. vera Cruz.*, 1936, 16: 1809.—**Boulanger, & Fanielle.** Forme nerveuse rare d'intoxication par les sels d'or. *Ann. Soc. méd. chir. Liège*, 1936, 64: 7-10. Also *Liège méd.*, 1936, 29: 156-62.—**Bourrat, L.** Polynevrite à prédominance sensitive et syndromes anxieux consécutifs au traitement aurique. *Arch. internat. neur.*, *Par.*, 1935, 27. ser., 482-7.—**Chavany, J. A., & Bourdillon, E.** Polyradiculite sensitive récidivante provoquée par des injections de sels d'or. *Rev. neur., Par.*, 1933, 40: pt 2, 628-34.—**Chavany, J. A., & Chaignot, A.** Contribution à l'étude des accidents nerveux de la chrysothérapie; syndrome douloureux, anxieux et insomniacal avec présence de secousses fibrillaires à peu près généralisées. *Presse méd.*, 1934, 42: 478-80.—**Cires, E. de.** Plexitis lumbar simétrica por sanocrisina. *Sem. méd., B. Air.*,

1933, 40: 1969-72.—**Devic, A., Mansuy & Rossand.** Sur un nouveau cas de troubles nerveux de la chrysothérapie. *Lyon méd.*, 1936, 157: 473-6.—**Dutrey, J.** Contribución al estudio de los accidentes nerviosos de la auroterapia; síndrome insomniaco y ansioso. *Rev. As. méd. argent.*, 1935, 49: 121-7.—**Fledelius, M.** Névrite radiaire après traitement par la sanocrysin. *Encéphale*, 1934, 29: 620-9.—**Forman, L., & McNair, D.** Neuritic symptoms following injection of gold salts. *Brit. M. J.*, 1937, 2: 116.—**Gernez, C.** Les accidents neuro-psychiques de l'aurothérapie. *Rev. tuberc., Par.*, 1935, 5. ser., 1: 386-98.—**Nayrac, P.** Psycho-polynevrite sensitivo-motrice consécutive à la chrysothérapie. *Rev. neur., Par.*, 1934, 41: pt 2, 839-43.—**Gómez, F. D.** Neuritis del mediano aparecida en una tuberculosis pulmonar en tratamiento con inyecciones intravenosas de sales de oro. *Arch. urug. med.*, 1936-37, 9: 1-10. Also *Rev. tuberc. Uruguay*, 1936, 5: 563-70.—**Gougerot, H.** Crises radiculalgiques dues à l'or. *Bull. Soc. fr. derm. syph.*, 1931, 38: 53.—**Hoelen, E.** [Polyneuritis by gold poisoning] *Ned. tschr. geneesk.*, 1940, 84: 1278; 1514.—**Jacob, P.** Un cas de polynevrite aurique. *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 280.—**Lescher, F. G.** Nervous complications following treatment by gold salts. *Brit. M. J.*, 1936, 2: 1303-5.—**Pereyra Kafer, J.** Meningo-polirradiculoneuritis aurica. *Rev. As. méd. argent.*, 1940, 54: 47-50.—**Las complicaciones nerviosas de la crisoterapia; enfermedades crígenas del sistema nervioso.** *Sem. méd., B. Air.*, 1940, 47: pt 2, 358; 420.—**Spangenberg, J. J., & Munist, L., & Ardaiz, A.** Polineuritis aurica. *Prensa méd. argent.*, 1937, 24: 1386-94.—**Tzanck, A., Pautrat, J., & Klotz, H. P.** Un cas de polynevrite et d'érythrodermie aurique. *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 432-7.

Poisoning: Pigmentation [Chrysocyanosis]

GLANGER, S. *Contribution à l'étude des accidents cutanés de la chrysothérapie: la pigmentation aurique. 56p. 8° Par., 1934.

POLLAK, L. *La chrysocyanose (pigmentation aurique primitive des parties découvertes) 32p. 8° Par., 1935.

Bernard, L. Trois cas de pigmentation cutanée spéciale consécutive à la chrysothérapie. *Bull. Soc. méd. hôp. Paris*, 1933, 3. ser., 1061-6.—**Bonnet, R., & Bonamour, G.** Érytème bilatérale par imprégnation aurique au cours d'un traitement par les sels d'or dans la tuberculose pulmonaire. *Bull. Soc. opht. Paris*, 1936, 528-30.—**La chrysocyanose; imprégnation de la cornée par les sels d'or.** *Ibid.*, 1937, 751-4.—**El Khalifah.** La chrysocyanose de l'œil; imprégnation de la cornée et de la conjonctive par l'or. *Arch. opht., Par.*, 1939, n. sér., 3: 385-94, pl.—**Cardis, F., & Conte, M.** La chrysocyanose (pigmentation cutanée après injection de sels d'or) *Ann. derm. syph.*, *Par.*, 1936, 7. ser., 7: 229-44.—**Ergies, J.** Observaciones de crisisis. *Rev. As. méd. argent.*, 1934, 48: 157-61.—**Fowler, W. C.** A note on the occurrence of chrysiasis following treatment by gold salts. *Tubercle, Lond.*, 1934-35, 16: 539-41.—**Gagliardi, A.** Impregnazione aurica ed argenticia della gengiva. *Stomatologia, Mod.*, 1937, 35: 661-72.—**Gomez, F. D.** Vitamina C y pigmentación aurica. *Rev. tuberc. Uruguay*, 1938, 7: 318-24, tab.—**Hansborg, H.** Chrysiasis, Ablagerung von Gold in Vivo. *Acta tuberc. scand.*, 1928, 4: 124-32, 2 pl.—**Irons, E. E., Ormsby, O. S., & Ebert, M. H.** Heavy metal pigmentation ("chrysocyanosis"). *Arch. Derm. Syph., Chic.*, 1937, 36: 639.—**Kochs, A. G.** Zur Kenntnis der Chrysiasis. *Arch. Derm. Syph., Berl.*, 1938-39, 178: 323-30.—**Korteweg, R., Waterman, N., & Winkler Prins, C., jr.** [Gold deposits after intravenous treatment with sanocrysin] *Ned. tschr. geneesk.*, 1928, 72: 2063-5, pl.—**Lisch, K.** Ueber Beteiligung des Augapfels bei allgemeiner Chrysiasis. *Klin. Mbl. Augenh.*, 1939, 102: 103-6.—**López, P.** Aurosis cutánea en el curso del tratamiento por la sanocrisina. *Progr. clín., Madr.*, 1931, 39: 402-4.—**Margarot, J., Rimbaud, P., & Imprégnation aurique des dents au cours de la chrysothérapie.** *Bull. Soc. fr. derm. syph.*, 1937, 44: 435.—**Negro, J. C.** Algunas observaciones de crisisis. *Rev. tuberc. Uruguay*, 1936, 5: 550-6.—**Nové-Josserand, L., Gaté [et al.]** Pigmentation aurique de la peau chez 3 enfants tuberculeux soumis à un traitement prolongé par les sels d'or: chrysocyanose. *Bull. Soc. fr. derm. syph.*, 1931, 38: 117-20.—**Rathery, F., Déroet, M.** [et al.] Chrysopexie et chrysocyanose (étude anatomoclinique) *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 1217-21.—**Sallmann, L.** Ueber Augenveränderungen bei menschlicher Chrysiasis nach Sanocrysinbehandlung. *Zschr. Augenh.*, 1932-33, 79: 208-12.—**Schamberg, J. F.** Chrysoderma, a permanent gold staining of the skin. *Arch. Derm. Syph., Chic.*, 1928, 18: 862-7, pl.—**Schneidewind, A., Albertal, M., & Trautenberg, S.** Crisisis. *Rev. As. méd. argent.*, 1937, 50: 538-40.—**Urrets Zavalia, A., & Obregon Oliva, R.** La crisisis de la cornea en el curso del tratamiento sanocrisínico. *Arch. oft. B. Aires*, 1939, 14: 182-93. Also *Hospital, Rio*, 1939, 15: 1111-20. Also *Klin. Mbl. Augenh.*, 1939, 102: 94-102, pl.

Poisoning: Skin and mucous membranes.

ASDÉRY, H. *Les éruptions auriques biotropiques. 78p. 8° Par., 1933.

Also *Rev. fr. derm. vénér.*, 1935, 11: 33-6.

BÖHM, A. *Zur Frage der Goldtoxikodermien [München] 16p. 8° Eichstätt [1935]

BOULLE, S. H. *Les stomatites auriques. 83p. 8° Par., 1937.

DULGUEROFF, A. P. *Les accidents buccaux de la chrysothérapie; stomatite nacréée aurique et lichen plan buccal. 59p. 8° Par., 1935.

GARDÈRE, T. *Contribution à l'étude des accidents cutanés de l'aurothérapie: un cas de keratodermie. 41p. 8° Par., 1931.

HALLBAUR, F. *Dermatitis toxica nach parentaler Goldgabe [Freiburg] 23p. 8° Breisach, 1932.

MARGOUT, G. *Contribution à l'étude de l'érythrodermie aurique aiguë, fébrile, généralisée. 111p. 8° Par., 1933.

NEGRET, L. *Sensibilisierung der Haut gegen Sonnenlicht durch intravenöse Goldbehandlung (Solganal) 24p. 8° Berl.-Charlottenb., 1934.

TÜRK, S. *Lichen plan aurique. 47p. 24cm. Par., 1939.

Aleman, I., & Oleia, I. [Contribution to the study of auric stomatitis] Spitalul, 1935, 55: 183-6.—Alvárez Sainz de Aja, E. Estomatitis liquenoide perstans, de origen aúrico y aurides bucales. Clin. lab., Zaragoza, 1932, 19: 177-80.—Amodeo, N. A. Stomatite aurica. Stomatologia, Roma, 1928, 26: 900-4.—Bertier, L., & Bocquillon. Accidents cutanés et muqueux graves, brusques et prolongés consécutifs à un traitement par les sels d'or, alopecie totale persistante, avec larges placards de lichen plan. Bull. Soc. fr. derm. syph., 1932, 39: 1335.—Bonorino Udaondo, C., & Vadone, A. Exantemas sanocrisínicos. Prensa méd. argent., 1926, 13: 1-5. Also Rev. Soc. med. int., B. Air., 1926, 2: 277-85.—Braddock, W. H. So-called cyanide rash in gold mine mill workers. J. Indust. Hyg., 1930, 12: 259-64.—Brunerie, A., Coche, R., & Mathon, R. Syndrome pseudo-scarlatin chez un confus mental traité par chrysothérapie associée. Lyon méd., 1936, 157: 421-6.—Carrera, J. L. Sobre un caso de auride cutaneomucosa. Rev. argent. derm. síf., 1931, 15: 64-6.—Carrière, G., & Huriez, C. Un accident rare de l'aurothérapie; la stomatite bulleuse à type de pemphigus. Gaz. hôp., 1934, 107: 217-9.—Causade & Drouet. Erythrodermie exfoliante généralisée à la suite de traitement par les sels d'or. Bull. Soc. fr. derm. syph., 1931, 38: 332-5.—Chiucini, G., & Aradas, A. Aurodermoreazione ed auroterapia nella tubercolosi polmonare. Policlinico, 1935, 42: sez. prat., 365-70.—Aurodermoreazione e auroterapia nella t. b. c. polmonare, ricerche cliniche e sperimentali. Ibid., 1938, 45: sez. med., 417-28.—Codville, F., & Sohler, R. Scarlatine biotrope après injection de sels d'or. Bull. Soc. med. hôp. Paris, 1932, 3. ser., 48: 1164-71.—Colbert & Hiriberry. Note sur le traitement de l'érythrodermie aurique aiguë généralisée. J. méd. Bordeaux, 1935, 112: 870.—Cordiviola, L. A. Lesiones cutáneas y mucosas producidas por las sales de oro. Sem. méd., B. Air., 1932, 39: pt 2, 1694-705.—David, P. Un cas d'intolérance aux sels d'or, érythro-keratodermie palmo-plantaire. J. sc. méd. Lille, 1930, 48: pt 2, 449-51 [Discussion] 470.—Dumas, A., Gaté, J., & Cuilleret, P. Aurides cutanées eczématiformes et fissuraires péri-buccales, papuleuses et syphiloïdes des régions palmaires. Bull. Soc. fr. derm. syph., 1931, 38: 279.—Flandin, C., Rabreau, H., & Ukrainczyk. Les tests cutanés dans l'érythrodermie aurique. Ibid., 1936, 43: 459-61.—Flandin, C., Ferrand, M. [et al.] Forme chronique de la stomatite aurique. Bull. Soc. méd. hôp. Paris, 1936, 3. ser., 52: 561-7.—Fonseca, G., & López Alcoba, H. Eritrodermia áurica aguda, febril, prolongada. Sem. méd., B. Air., 1936, 43: pt 2, 1810.—Fournier, L., & Boltanski, E. Stomatite aurique. Rev. stomat., Par., 1926, 28: 681-6.—Gaté, J. Toxidermie à forme d'hydroa buccal vraisemblablement consecutive à un traitement par la sanocrisine. Lyon méd., 1926, 138: 299-301.—Cuilleret, P. [et al.] Apparition chez un tuberculeux, un mois après une cure chrysothérapique, d'une éruption à type de roséole. Bull. Soc. fr. derm. syph., 1935, 42: 704-6.—Gaté, J., Thiers, H., & Peissel, J. Aurides prurigineuses, alopeciantes, lichénifiées et pigmentées. Ibid., 1939, 46: 565-7.—Giaiuni, G. Allergia e reazioni cutanee da oro. Boll. Ist. sieroter. milan., 1935, 14: 297-312.—González Gil, U., & Calonge Ruiz, A. Contribución al estudio de los accidentes cutáneos y mucosos de la crisoterapia y su relación con las modificaciones de la velocidad de sedimentación. Arch. med., Madr., 1933, 36: 1329-38.—Gougerot, H. Los accidentes cutáneo-mucosos de la crisoterapia. Dia méd., B. Air., 1933-34, 6: 849-52.—Blum, P., & Dumel, P. Lichens corné et verruqueux, lichen spinulosus, lichen plan et pigmenté post-auriques. Rev. fr. derm. vénér., 1935, 11: 27-32.—Gougerot & Boucher. Evolution en 2 temps d'une érythrodermie aurique, et localisation en 2 régions prédisposées par la lunière (au décollé) et par d'anciennes éruptions médicamenteuses (aux membres inférieurs) Bull. Soc. fr. derm. syph., 1931, 38: 1467.—Gougerot & Burnier. Erythrodermie keratósique palmaire bilatérale à la suite d'injections de sels d'or. Ibid., 1929, 36: 64-7.—Eruption simultanée de psoriasis et lichen plan cutané-muqueux post-aurique. Ibid., 1934, 41: 396-401.—Lichen érythrodermique post-aurique, atypique

cliniquement, typique histologiquement. Ibid., 1938, 45: 909-11.—Gougerot, H., & Cartaud, A. Erythrodermie aurique d'apparition précoce, action curative sur le lupus érythémateux d'une dose très faible. Ibid., 1930, 37: 1171-3.—Gougerot & Degos. Plurisensibilisation cutanée (eczéma, urticaire) alimentaire après érythrodermie aurique. Ibid., 1935, 42: 1587.—Gougerot & Iglesias, A. P. Un nouveau cas d'érythrodermie toxique aurique précoce au huitième jour. Ibid., 1930, 37: 1273.—Gougerot & Sarrazin, J. Toxidermie aurique minima, simple desquamation des pieds et des mains sans érythème visible. Ibid., 1931, 38: 1466.—Gougerot & Stewart, W. Lichen plan post-aurique, poussée, pigmentée diffuse; poussée, papuleuse dépigmentante et régression spontanée. Ibid., 1935, 42: 279-81.—Erythrodermia aurique; hyperkeratose palmaire. Ibid., 592-5.—Hölzer, L. Gold-Lichen der Mundschleimhaut. Zbl. Haut Geschlkr., 1936, 54: 213.—Irgang, S. Keratoderma und melanoderma accompanying therapy with a gold compound, report of a case. Arch. Derm. Syph., Chic., 1936, 34: 624-9.—Jäger, B., Kohl, F., & Brunotte, H. Grundsätzliche Erwägungen im Anschluss an einen Fall von Golddermatitis (Triphal) Arch. Derm. Syph., Berl., 1928, 154: 76-81.—Kiess, O. Ueber eine der Pityriasis rosea ähnliche, unter Pigmentierung abheilende Gold-(Aurophos-) Dermatitis. Derm. Wschr., 1928, 86: 133-7.—Koch, F. Golddermatitis durch Lotionbehandlung. Deut. med. Wschr., 1931, 57: 1745.—Konrad, A., & Fanning, G. Universelle Dermatitis nach Behandlung mit Solganal B. Med. Klin., Berl., 1930, 26: 1744-8.—Kovács, S. Beiträge zur Pathogenese der Hyperkeratosen bei Golddermatitiden. Derm. Wschr., 1938, 107: 977-81.—Lebeuf, F., & Mollard, H. Les aurides muqueuses et cutanées. Presse méd., 1930, 38: 1239-42.—Morphologie des aurides; essai de classification. Ann. derm. syph., Par., 1931, 7. ser., 2: 214-28.—Leroux, M., & Kudelski, E. Stomatite aurique. Ann. otolaryng., 1933, 407.—Lichtenstein, M. R. The patch test for gold hypersensitivity. J. Allergy, 1934-35, 6: 460-3.—Lortat-Jacob & Jaime. Erythrodermie aurique. Bull. Soc. fr. derm. syph., 1931, 38: 169-71.—Louste & Griffiths, R. Erythrodermie aurique. Ibid., 1932, 39: 672-4.—Mainini, C., & Alvarez, A. Exantemas por sanocrisina: contribución al estudio de las sinopatías cutáneas metalotóxicas. Sem. méd., B. Air., 1926, 33: pt 2, 204-10.—Margarol, J., Plagniol, A., & Guibert, H. L. Aurides lichéniformes cornés d'apparence psoriasique. Ann. derm. syph., Par., 1935, 7. ser., 6: 916-27.—Meineri, P. A. Su un caso di auride eritemato-flegmatose con spongiosi e vescicolazione microscopica. Osp. maggiore Novara, 1934, 11: 113-7, pl.—Mierzecki, H. [Aurokeratosis cutis] Polska gaz. lek., 1927, 6: 509.—Milian, G. Erythrodermie provoquée par la crysalbine. Ann. mal. vénér., 1930, 24: 13.—Erythème et eczéma au cours d'un traitement par la crysalbine. Paris méd., 1933, 87: 362-4.—Eruption aurique biotrope directe sous forme d'érythème périlésionnel. Rev. fr. derm. vénér., 1933, 9: 483-7.—Auride biotrope complexe mélange de lichen plan, de psoriasis et d'eczéma éraquilé. Ibid., 518-27.—La stomatite aurique. Ibid., 1935, 11: 37-46.—Negro, J. C., Gines, A. R., & Villar Del Valle, J. L. Eritrodermia provocada por triphal, presentación de la enferma. Rev. tuberc. Uruguay, 1936-38, 6: 284-6.—Nékám, L. [Typical and atypical lichenoid gold eruptions] Orv. hetil., 1937, 81: 352-4, 2 pl.—Nicolas, J., Dumarest, F., & Lebeuf, F. Dermite eczématiforme de type séborrhéique impétigé chez une jeune fille soumise à un traitement aurique depuis un an. Bull. Soc. fr. derm. syph., 1933, 40: 333.—Oláh, D. [Dermatitis caused by triphal] Orv. hetil., 1927, 71: 254-6.—Ostrowski, S., & Tyska, K. [Skin affections during treatment of tuberculosis with gold salts] Polska gaz. lek., 1927, 6: 847-53.—Pastor, M. F., & Imaz, E. E. Aurodermoreacción e intolerancia por el tratamiento con sales de oro. Rev. As. méd. argent., 1939, 53: 406.—Patin, M. Contribución al tratamiento de las estomatitis áuricas: consideraciones de orden general. Dia méd., B. Air., 1934-35, 7: 535-7.—Pautier, L. M., & Roederer, J. Aurides lichéniformes verruqueux en nodules isolés et en placards végétants. Bull. Soc. fr. derm. syph., 1938, 45: suppl., 139-51.—Petges, G., Le Coultant, F. [et al.] Aurides de la peau (léopardisation) avec lichen plan buccal et cutané. Rev. fr. derm. vénér., 1934, 10: 196-204.—Pillsbury, D. M., & Kulchar, G. V. Gold dermatitis limited to depigmented skin with a theoretical consideration of its etiology. Arch. Derm. Syph., Chic., 1933, 27: 36-48.—Raimbault. Les accidents buccaux de l'aurothérapie. Rev. stomat., Par., 1933, 35: 144-8.—Raimondi, A. A., & D'Amato, W. ¿Tiene importancia la auro-dermo-reacción (A. D. R.) como orientación de la auroterapia? Rev. As. méd. argent., 1937, 50: 610-7. Also Prensa méd. argent., 1937, 24: 123-8.—Ramel, E., & Michaud, L. Des manifestations cutanées consécutives à la Sanocrisine. Schweiz. med. Wschr., 1927, 57: 296-9.—Roxburgh, A. C., Page, A. P. M., & Gordon, D. A case of gold dermatitis with hyperkeratosis. Brit. J. Derm. Syph., 1936, 48: 137-42.—Ruffino, A. R., & Turno, A. T. Leucotriquia parcial en un niño de ocho años. Sem. méd., B. Air., 1936, 43: pt 2, 1805-8.—Sauvan, A., & Vigne, P. Stomatite et vulvite auriques. Marseille méd., 1933, 70: 194-6.—Schneidewind, A. Accidents cutanés de la auroterapia. Sem. méd., B. Air., 1936, 43: 924-31.—Seara, P. Lesiones de la piel, provocadas por pequeña dosis de sanocrisina. Rev. As. méd. argent., 1936, 50: 1300-4.—Sézary, A., & Belgert, M. Maladie de Dühring survenue au cours d'un traitement par les sels d'or. Bull.

Soc. fr. derm. syph., 1934, 41: 927-9.—Sézary, A., & Kipfer, M. Lichénification hypertrophique et nodulaire arique. *Ibid.*, 1937, 44: 1844-8. — A propos d'un cas de lichenification hypertrophique et nodulaire arique. *Ibid.*, 1938, 45: 105.—Simons, R. Stark verzögertes Nagelwachstum und Braunfärbung der Nägel bei einem Rheumatiker nach Goldtherapie. *Arch. Derm. Syph., Berl.*, 1938-39, 178: 400-5.—Thomsen, S. [Skin- and mucous membrane reaction and eosinophilia during sanocrysin treatment] Ugeskr. læger, 1937, 99: 975-7.—Touraine & Ménétrel. Lichens polymorphes post-auriques. *Bull. Soc. fr. derm. syph.*, 1934, 41: 261-5.—Touraine & Voillemain. Erythrodermie, mélanodermie et lichen plan post-aurique. *Ibid.*, 1933, 40: 1416-21.—Umansky, G. I., & Breskina, N. L. [Fixed dermatitis caused by triphal] Vener. derm., Moskva, 1931, 8: 72-5. Videla, C. A., & Fisch, C. Auro-dermo-reacción y auro-terapia en la tuberculosis pulmonar. *Rev. As. méd. argent.*, 1935, 49: 1889-94.—Vigne, P., & Belley. Les accidents cutané-muqueux de la thérapeutique par les sels d'or. *Marseille méd.*, 1932, 69: 687-91.—Vigne, P., Pieri, J., & Julien. Aurides lichéniformes cornées. *Bull. Soc. fr. derm. syph.*, 1936, 43: 1365-9.—Wile, U. J. Gold dermatitis and stomatitis. *Arch. Derm. Syph., Chic.*, 1940, 42: 721-3. — & Courville, C. J. Pityriasis-rose-like dermatitis following gold therapy. report of 2 cases. *Ibid.*, 1105-12.—Zimmerli, E., & Lutz, W. Eine eigenartige Form von Pigmentierung nach Goldbehandlung. *Arch. Derm. Syph., Berl.*, 1929, 157: 523-6.

— Poisoning: Treatment [and prevention]

HANNA, E. *Contribution à l'étude de la prévention et du traitement des accidents de l'aurothérapie. 51p. 8°. Par., 1931.

Abdülkadir, Y. [Sodium hyposulphite in accidents of chrysotherapy] Askeri sihihiye mecmuasi, 1933, 62: 182-5.—Freund, R. Ueber die Wirkungsweise des Solganal beim chronischen Infekt; Heilung des Goldexanthems durch Gold. *Klin. Wschr.*, 1927, 6: 903.—Gelberg-Hansen, G. [Sanocrysin dermatitis treated by intravenous injections of sodium sulphate; case] Ugeskr. læger, 1927, 89: 256.—Jersild, O. Hyposulfit de soude administré intraveineusement en cas de dermatite de sanocrysin. *Acta tuberc. scand.*, 1926-27, 2: 361-5. Also Hospitaltidende, 1927, 70: 197-200.—Mollard, H. Les accidents importants de la chrysothérapie et leur thérapeutique. *J. méd. chir., Par.*, 1933, 104: 854-74. — A propos des nouvelles recherches sur les risques de la chrysothérapie et les moyens de les prévenir. *Bruxelles méd.*, 1934-35, 15: 873-9.—Pietrowski, G. Accidents de la chrysothérapie, prévention, traitement. *Schweiz. med. Wschr.*, 1935, 65: 409-11.—Roche, H. Precautions in sanocrysin therapy. *Brit. M. J.*, 1936, 1: 31.—Secher, K. Prevention of complications during gold therapy in tuberculosis and arthritis. *Lancet*, Lond., 1938, 1: 996.—Silva, L. L. El citrato de sodio en la intoxicación por las sales de oro. *Rev. As. méd. argent.*, 1933, 47: 3616-9. — & Egües, J. El cobre en la intoxicación aurica. *Día méd.*, B. Air., 1938, 10: 360-2.—Wilson, J. The prophylaxis of severe reactions in gold salt therapy. *Tubercle*, Lond., 1936-37, 18: 168-70.

— Preparations.

MERKLE, R. *Kritische Berichte zur Gold-keratinatbehandlung [München] 27p. 21cm. Lengerich i. W., 1938.

MITTAG, E. [W.] *Klinische Beobachtungen über die Verträglichkeit eines neuen Goldpräparates [München] 14p. 21cm. Bottrop, 1937.

STROUMZA, J. *De la thérapeutique colloïdale en pathologie comparée et de l'utilisation d'un complexe colloïdal, or et argent [Alfort] 78p. 8°. Par., 1926.

THEAUDIÈRE, J. *Contribution à l'étude des sels d'or en général de l'aurothiopropyl sulfonate de calcium en particulier [Paris] 122p. 8°. Lyon, 1935.

Aldershoff, H. [The sanocrysin question] Ned. tschr. geneesk., 1926, 70: 1239.—Axmann. Anwendungsform des Aurophos. *Klin. Wschr.*, 1927, 6: 670.—Becker, M. Ueber Betainchloraurat. *Biochem. Zschr.*, 1936, 288: 348-50.—Bjerrum, N., & Kirschner, A. [Thiocyanates of gold] Mém. Acad. sc. Danemark, 1918, 8. ser., Sect. Sc., 5: 1-76.—Capuano, G. F. Hyposulphite of soda in sanocrysin. *Am. Rev. Tuberc.*, 1930, 21: 335-46.—Caro, F. V., & Stein, G. Zur Verwendung von Auro-Detoxin in der Chirurgie. *Deut. med. Wschr.*, 1934, 60: 944.—Castro, J. R. de. Asociación auroclásica en el tratamiento de la tuberculosis y del asma bronquial. *Siglo méd.*, 1932, 90: 700-2.—Chopra, R. N., Ghosh, S., & Dutt, A. T. Some inorganic preparations of Indian indigenous medicine, Swarna-Bhasma (reduced gold) and gold Kusth. *Ind. J. M. Res.*, 1936-37, 24: 1141-4. Also Annual Rep. Calcutta School Trop. M. (1937) App. A, 1938, 1141-4.—Collier, W. A., & Warstadt, A. Die chemotherapeutische Wirksamkeit der Goldverbindung des Derivates eines natürlichen Schwefelei-

weisses. *Derm. Zschr.*, 1933, 68: 39-45.—Cummins, S. L. Recent communications on sanocrysin and other gold salts. *Bull. Hyg., Lond.*, 1933, 8: 385-91.—Daniello, L., & Chiper, P. [Therapeutic tests with Neoauril] Cluj. med., 1938, 19: 16-23.—Donnini, A. Studio comparativo fra composti idro-solubili e liposolubili d'oro in rapporto alla fissazione del metallo negli organi con partiloreo riguardo al fegato e alla milza. *Rass. fisiopat.*, 1939, 11: 1-9.—Ernst, A. M. [Investigations of a new gold preparation, Auron B] Ned. tschr. geneesk., 1939, 83: 2047-9, pl.—Evraïn. Aurum muriaticum. *Brit. Homoeop. J.*, 1939, 29: 181-9.—Faber, K. Sanocrysin as chemotherapeuticum. *Acta med. scand.*, 1926, Suppl., 16: 91-107 [Discussion] 157-72.—Feigl, F. Substance containing gold and methods of producing the same. U. S. Patent Off., 1940, No. 2,192,285.—Férend. L'oléo-chrysothérapie. *Bruxelles méd.*, 1934-35, 15: 507.—Fonseca Ribeiro. Contribuição ao estudo da aurotherapia, sobre um novo composto aurico, morhuato de ouro. *Brasil med.*, 1934, 48: 577-9.—Gelarie, A. J., & Greenbaum, F. R. The preparation of gold-sodium thiosulphate, (better known as sanocrysin) *Clin. Med.*, 1926, 33: 50.—Gilbert, M., Saul, M. V., & Miede, A. Contribution to the study of oleo-chrysotherapy. *Brit. J. Tuberc.*, 1935, 29: 232-43.—Görl & Voigt, L. Bemerkungen zur Triphalbehandlung. *Munch. med. Wschr.*, 1926, 73: 1360.—Gomez, F. D., & Negro, J. C. El aurotiol sulfato de sodio en suspensión oleosa. *Rev. tuberc. Uruguay*, 1934, 4: 176-80.—Gonin, W. H. Essais avec l'allochrysin. *Schweiz. med. Wschr.*, 1934, 64: 604.—Greco, N. V. Algunos casos tratados con iodo de oro. *Rev. As. méd. argent.*, 1936, 50: 755-63.—Greenbaum, F. R. Gold compounds for medical use. *Med. Rev. of Rev.*, 1928, 34: 11-20.—Grünwald, M. Was ist und wie wirkt Sanocrysin? Umschau, 1926, 30: 573.—Heubner, W. Experimentelle Untersuchungen über einige Goldpräparate. *Klin. Wschr.*, 1929, 8: 393-5.—Ide, M. Encore la sanocrysin. *Rev. méd.*, Louvain, 1925, 296-8.—Lebeuf, F., & Mollard, H. Recherches sur l'oléo-chrysothérapie, les sels d'or en suspension huileuse. *Paris méd.*, 81: 167-71.—Léonet. Sur le choix des sels d'or. C. rend. Congr. alién. neur. France, 1934, 38. Congr., 481-5.—Leulier, A., & Bérard, G. Injections répétées d'un thio-dérivé de l'or, tolérance et localisation. C. rend. Soc. biol., 1935, 120: 651-4. — & Loisy, P. Recherches sur les sels d'or et en particulier sur l'aurothiopropylsulfonate de strontium. *J. pharm. chim., Par.*, 1937, 3. ser., 25: 193-222.—Leulier, A., & Payre-Ficot, L. Sur le sort des sels d'or dans l'organisme animal, solutions aqueuses et suspensions huileuses. *C. rend. Soc. biol.*, 1934, 115: 58-60.—Mallié, H. Un sel d'or bien toléré: l'auro-thioglycolate de calcium. *J. méd. Bordeaux*, 1933, 110: 797.—Oldenburg, F. Klinische Erfahrungen mit Aurophos. *Zschr. Tuberk.*, 1926, 46: 467-77.—Oleo-aurotherapia. *Día méd.*, B. Air., 1933-34, 6: 475.—Polak, A. [Investigations of a new Netherland gold preparation, Auron B] Ned. tschr. geneesk., 1939, 83: 2049-54.—Sayé, L. Communication sur la sanocrysin. *Rev. tuberc.*, Par., 1926, 3. ser., 7: 249-54.—Schmidt, H. G. 2949 (Lopion) Ein neues Goldpräparat zur Behandlung der Lungen- und Kehlkopftuberkulose. *Deut. med. Wschr.*, 1928, 54: 1757.—Skalak, V., & Lacina, L. A propos de la question des solutions aqueuses et des solutions huileuses dans la chrysothérapie. *J. méd. Bordeaux*, 1935, 112: 126-8.—Sorinson, N. S. [Pharmacological data on a new Ukrainian preparation of gold, of the sanocrysin type] *Vrach. delo*, 1934, 16: 81-90. — & Sinelnikov, Z. I. [Experimental data on the therapeutic value of sanocrysin] *Ibid.*, 17: 575-84.—Sue, G. A. T. Recherches et observations sur les effets des préparations d'or du Dr. Chrestien, dans le traitement de plusieurs maladies, et notamment dans celui des maladies syphilitiques [par J. G. Niel, Paris] *Observ. provinc. sc. méd.*, 1821, 2: 243-6.—Troncoso Serantes, M., & Bulla, R. E. Contribución al estudio de la sanocrisina (aurotiol sulfato sódico) su obtención y purificación. *Sem. méd.*, B. Air., 1927, 34: 885-7.—Vaisman, A. Action thérapeutique de l'auro-déttoxine dans la streptococcie, la pneumococcie, la syphilis et la fièvre récurrente expérimentales. *C. rend. Soc. biol.*, 1937, 124: 1271-3.—Verdes Montenegro. El empleo de los preparados oleosos de las sales de oro. *Med. ibera*, 1935, 29: 840-2.—Waeser, K. H. Auro-Detoxin in der Hals-, Nasen- und Ohrenbehandlung. *Zschr. Laryng.*, 1935, 26: 75-81.—Warstadt, A. Ueber die Verträglichkeit einer neuen Goldverbindung. *Deut. med. Wschr.*, 1936, 62: 1508.—Ziegler, K. Ueber die chemotherapeutische Verwertbarkeit neuer organischer Goldsalzverbindungen. *Schweiz. med. Wschr.*, 1932, 62: 536-8. — Ueber die therapeutische Verwertbarkeit organischer Goldsalze, die desinfizierende Wirkung der Dazet-Präparate. *Ibid.*, 560-2.—Zollkofer, R. Zur Sanokrysin-Frage. *Ibid.*, 1926, 56: 886-8.

— Therapeutic use.

See also under names of diseases as Alcoholism; Arthritis; Asthma; Chorea; Leprosy; Lupus; Syphilis; Tuberculosis; &c.

Anson, C. E. H. Sanocrysin therapy: a survey of 100 consecutive cases. *Tubercle*, Lond., 1934, 15: 385-94.—Apostolopoulos, G. Une étude sur la chrysothérapie. *J. méd. chir., Par.*, 1929, 100: 353-67.—Campani, A. La terapia aurica o crisoterapia. In *Tisiol. prat. med.* (Campani) Milano, 1933, 917-25.—Campbell, A. M. G. Gold therapy. *Guy's Hosp. Gaz.*, Lond., 1931, 50: 129-35.—Cavanna, V. Contribución al estudio clínico de la sanocrisina. *Rev. filip. med.*, 1928, 19: 163-5.—Clarke, B. R., & Haddick, H. G. K. A

- control observation with sanocrysin. *Lancet*, Lond., 1929, 1: 714.—**Colbert, C., & Mollard, H.** Les leçons de la chrysothérapie comparée. *Med. contemp.*, Lib., 1934, 52: 59-62.—**Collier, W. A.** Experimentelle und klinische Ergebnisse der modernen Goldtherapie. *Tungchi med. Mschr.*, 1929-30, 5: 189-200.—**Copeman, W. S. C., & Tegner, W.** A review of gold therapy. *Lancet*, Lond., 1937, 1: 554-7.—**Dominicis, F., & Llorente, J. L.** Contribución al estudio de la auroterapia en medio dispensarial. *Rev. tuberc.*, Habana, 1939, 3: 185-9.—**Dresel, K.** La auroterapia. *Progr. clín.*, Madr., 1933, 41: 254-6.—**Dumarest, F., Bonafe, L.** [et al.] Recherches sur la valeur thérapeutique de la sanocrisine de Mollgaard. *Paris méd.*, 1927, 63: 549-62.—**Epstein, J.** Gold in the treatment of disease. *Arch. Pediat.*, N. Y., 1935, 52: 275-9.—**Feldt, A.** Chemotherapeutische Versuche mit Gold. *Klin. Wschr.*, 1926, 5: 299-301.—**Schoeller, W.** [et al.] Der heutige Stand der Goldtherapie. *Med. Welt*, 1930, 4: 390, 437.—**Ferreira, C.** O tratamento aurico no dispensario Clemente Ferreira em 1933. *J. clín.*, Rio, 1934, 15: 363-5.—**Gómez, F. D.** Concepto sobre auroterapia. *Dia méd. urug.*, 1933, 1: 87-9. Also *Rev. tuberc. Uruguay*, 1933, 3: 361-8.—**Estado actual de la auroterapia.** *Arch. urug. med.*, 1937, 10: 428-44.—**Negro, J. C.** Nuestra experiencia con las suspensiones oleosas de sales de oro. *Ibid.*, 1934, 5: 227-34. Also *Tuberculosis*, Habana, 1934-35, 6: 14-20.—**Gulbring, A.** Zweijährige Erfahrungen mit der Sanocrysinbehandlung. *Acta tuberc. scand.*, 1926-27, 2: 342-7.—**Henrichsen, K. J., Fremmel, I. F., & Sweeney, H. C.** Preliminary studies on the clinical value of sanocrysin. *Tr. Nat. Tuberc. Ass.*, 1927, 23: 203.—**Henriques, V.** [Sanocrysin treatment, general review] *Hospitalstidende*, 1927, 70: 145-71.—**Julien, W., & Mollard, H.** Les échecs de la chrysothérapie, traitements insuffisants et aurorésistance. *Gaz. méd. France*, 1933, 52-6.—**Kjer-Petersen & Petersen, V.** Sanocrysintreatment. *Acta tuberc. scand.*, 1928-29, 4: 262-6.—**Kuenen, W. A.** [Cases treated with sanocrysin]. *Ned. tschr. genesk.*, 1926, 70: 1240.—**Lafont, J.** Notions générales d'aurothérapie. *Progr. méd.*, Par., 1932, 1577.—**Dix ans de chrysothérapie (1924-34)** *Ibid.*, 1934, 369-74.—**Lunde, N.** [Sanocrysin therapy] *Med. rev.*, Bergen, 1926, 43: 1-36.—**Magnusson, S.** Practical experience of sanocrysin treatment. *Acta med. scand.*, 1926, Suppl. 16: 152-72.—**Markovits, S., & Berkli, B.** [Therapy with gold preparations] *Gyógyászat*, 1931, 71: 561-5. Also *Beitr. Klin. Tuberk.*, 1933, 83: 85-91.—**Mollard, H.** Introducción al estudio de la crisoterapia. *An. Soc. méd. quir. Guaymas*, 1938, 29: 299-308.—**Navarrete Sierra, A.** Contribución a la evaluación de los resultados de la auroterapia en el hospital-sanatorio La Esperanza. *Rev. tuberc.*, Habana, 1939, 3: 172-6.—**Neumann, W.** Ueber Sanocrysin-Behandlung. *Wien. med. Wschr.*, 1926, 76: 1447.—**Nicolescu, M.** [Aurotherapy in the light of modern conceptions, clinical results and modifications in radiology by chrysotherapy] *România med.*, 1937, 15: 6.—**Orenstein, A. J.** The status of sanocrysin treatment in Denmark. *S. Afr. M. Rec.*, 1926, 24: 205-7.—**Palacio, J.** Auroterapia. *Prensa méd.*, B. Air., 1934, 5: 21: 717-9.—**Roche.** Sur la thérapie à la sanocrisine. *Schweiz. med. Wschr.*, 1935, 65: 1055-7.—**Roles, F. C.** Clinical notes on sanocrysin treatment. *S. Barth. Hosp. J.*, Lond., 1926-27, 34: 179-84.—**Secher, K.** Sanocrysin problems (Re-examination of sanocrysin-treated patients) *Acta tuberc. scand.*, 1928, 4: 116-23.—**Sanocrysinbehandlung (eigene Ergebnisse und Nachuntersuchung)** *Klin. Wschr.*, 1929, 7: 1640-4.—**[Sanocrysin therapy from 1923-38]** *Hospitalstidende*, 1938, 81: suppl., 188-209. Also *Acta tuberc. scand.*, 1939, 13: 193-220.—**Slot, G.** The therapeutic uses of gold. *Practitioner*, Lond., 1935, 134: 788-97.—**Five cases illustrating chrysotherapy.** *Proc. R. Soc. M.*, Lond., 1935-36, 29: 224-6.—**Chrysotherapy.** *Lancet*, Lond., 1937, 2: 1105.—**Souza Soares, J. B. de.** Sobre a auroterapia. *Pol. med.*, Rio, 1935, 16: 37-40.—**Stub-Christensen, V.** Sanocrysin treatment. *Tubercle*, Lond., 1931, 23: 49-61. Also *Ugeskr. læger*, 1931, 93: 353-60.—**Thiers, H., & Mollard, H.** Les perfectionnements de la chrysothérapie. *Bull. gén. théér.*, 1933, 184: 292-302.—**Towle, H. P.** The present status of gold therapy. *N. England J. M.*, 1931, 204: 487.—**Westergren, A.** Sanocrysin treatment, some observations and practical experience. *Acta med. scand.*, 1926, Suppl. 16: 139-44 [Discussion] 157-72.—**Würtzen, C. H., & Sjørslev, N.** Sanocrysin treatment, immediate and permanent results. *Acta tuberc. scand.*, 1927-28, 3: 319-36, 3 tab.—**Xalabarder, C., Bulto, I., & Barnils, L.** Il mito della crisoterapia. *Tubercolosi*, 1936, 28: 411-24.
- **Therapeutic use: Administration and dosage.**
- DAÏEN, L.** *De la ehrysothérapie par voie pleurale. 86p. 8° Par., 1934.
- SCHAFER, H.** *L'action du gluconate de calcium comme adjuvant de la chrysothérapie. 39p. 8° Par., 1935.
- Buendía, R.** Preparación del enfermo para el tratamiento por la sanocrisina. *Progr. clín.*, Madr., 1927, 35: 573-89.—**Capuani, G.** La posologia della sanocrisina. *Riv. pat. clin. tuberc.*, 1928, 2: 639-52.—**Castro, J. R. de.** Observaciones sobre el empleo de la sanocrisina por vía endopleural. *Rev. méd. Barcelona*, 1932, 17: 430-41.—**Chaveau, J., & Boissonnet.** Chrysothérapie à doses faibles et quotidiennes; premiers résultats. *Rev. tuberc.*, Par., 1935, 5. ser., 1: 915.—**Chaveau, J., & Bourgeois, D.** Résultats éloignés de la chrysothérapie à faibles doses quotidiennes (méthode de Capuani) *Ibid.*, 1936, 5. ser., 2: 811-3.—**Colbert, C., & Mollard, H.** A propos des chrysothérapies locales, que penser des sels d'or intrapleuraux? *J. méd. Bordeaux*, 1934, 111: 481-5.—**Di Mattei, P.** Comportamento farmacologico dell'oro nella somministrazione gastrica di aurotiosolfato di sodio (sanocrisina) *Arch. ital. sc. farm.*, 1932, 1: 2-14.—**Dutrey, J.** El empleo de la sanocrisina a dosis medianas y a dosis pequeñas, resultados comparados. *Dia méd.*, B. Air., 1930-31, 3: 392.—**Faber, K.** Sanocrysin and its dosage. *Acta tuberc. scand.*, 1927, 3: 178-90. Also *Ugeskr. læger*, 1927, 89: 765-9.—**La sanocrisine, sa posologie et ses résultats.** *Rev. phthisiol.*, Par., 1928, 9: 5-18.—**Gulbring, A.** Experiments with intravenous and intrapleural methods of treatment by sanocrysin. *Acta med. scand.*, 1926, Suppl. 16: 132-8 [Discussion] 157-72.—**Léon-Kindberg, M., & Netter, H.** A propos de la chrysothérapie intrapleurale. *Rev. tuberc.*, Par., 1936, 5. ser., 2: 188-93.—**Mayer, C.** Deux médicaments adjuvants de la cure aurique. *Rev. méd.*, Par., 1935, 52: 563-70.—**Mendes, G.** Le indicazioni e la posologia della cura sanocrisina. *Riv. pat. clin. tuberc.*, 1930, 4: 1028-38.—**Renzo, A.** Acidose aurica e medicação alcalina (nova técnica para diluição dos saes de ouro injectáveis por via intra-venosa) *Brasil med.*, 1936, 50: 1123.—**Sandberg, K. F. M.** [Sanocrysin treatment at home] *Ugeskr. læger*, 1927, 89: 650.—**[Sanocrysin treatment in practice]** *Ibid.*, 1939, 101: 1030.—**Secher, K.** Sanocrysin problems (dosage, relapses) *Acta tuberc. scand.*, 1926-27, 2: 331, 1928, 4: 102.—**Sanocrysinfragen.** *Klin. Wschr.*, 1927, 6: 1139-42.—**[Dosage of sanocrysin]** *Ugeskr. læger*, 1927, 89: 118-21.—**[Dosage and results of sanocrysin treatment.** *Lancet*, Lond., 1931, 2: 1344-6.—**Soler y Dopff, C.** La auroterapia local. *Rev. méd. Barcelona*, 1931, 16: 255.—**Vaccarezza, R. A., Martínez, F., & Levin, P.** La sanocrisina por vía intra-pleural. *Rev. méd. lat. amer.*, B. Air., 1929-30, 15: 1384-93.—**Wisse.** [Intrapleural gold therapy] *Genesk. tschr. Ned. Indië*, 1937, 77: 369.
- **Therapeutic use: Indications.**
- DRAGOMIRESCO, A.** *La ehrysothérapie en dehors de la tuberculose pulmonaire. 48p. 8° Par., 1935.
- FELDT, A.** Die Goldbehandlung der Tuberkulose und Lepa. 44p. 8° Halle, 1923.
- LACAVE, J.** *De quelques applications de la chrysothérapie; aurothiopropanol sulfonate de strontium en suspension huileuse; dermatologie; rhumatologie. 110p. 8° Lyon, 1936.
- LEBEUF, L., & MOLLARD, H.** Les sels d'or en dermatologie et en syphiligraphie. 148p. 8° Par., 1932.
- Barrieu, C.** Considérations sur l'emploi des sels d'or en odontostomatologie. *Avenir méd.*, Par., 1938, 35: 46.—**Belbèze, R.** L'or colloidal en chirurgie de guerre. *Bull. Acad. méd.*, Par., 1915, 3. ser., 73: 120-2.—**Castresana, A.** Las sales de oro en terapeutica ocular. *Rev. cubana oft.*, 1930, 3: 91-3.—**Cruciani, J. A.** La sanocrisina en el tratamiento del asma tuberculosa. *Sem. méd.*, B. Air., 1934, 41: pt 2, 1193-7.—**Czerny & Opitz.** Sanocrysinerfahrungen in der Universitätskinderklinik in Berlin. *Deut. med. Wschr.*, 1926, 52: 136-8.—**Dérier, L.** [Case of using sanocrysin in dermatology] *Bratisl. lek. listy*, 1927, 7: 150-3.—**Dore, S. E., Roxburgh, A. C.** [et al.] Discussion on the therapeutic value of gold compounds (sanocrysin, krysolgan, etc.) *Proc. R. Soc. M.*, Lond., 1929-30, 23: Sect. Derm. & Med., 117-33.—**Epstein, J.** Gold in the treatment of whooping cough and other diseases. *Med. World*, 1935, 53: 446-8.—**Fellner, M.** Die Goldtherapie in der Dermato-Venerologie. *Zbl. Haut. Geschlkr.*, 1932-33, 43: 489, 585.—**Ferond, L.** La chrysothérapie en dermatosyphilographie. *Bruxelles méd.*, 1936-37, 17: 375-82.—**Forestier, J.** La chrysothérapie en dehors de la tuberculose; syphilis, peau, rhumatismes. *Progr. méd.*, Par., 1938, 902-11.—**Gätzli, W.** Zur Behandlung akuter Infektionen mit Solganal. *Schweiz. med. Wschr.*, 1934, 64: 858.—**Godbey, F. W.** The significance of the nitrogen metabolism and the basal metabolic rate in the selection of cases for sanocrysin treatment. *Irish J. M. Sc.*, 1927, 6. ser., 297-309.—**Gouin, J., & Bienvenue, A.** Doit-on abandonner l'or en dermatologie? *Paris méd.*, 1938, 107: 51-9.—**Iaja, G.** Auroterapia della tuberculosi cutanea, della lebbra e della psoriasi. *Biol. méd.*, Milano, 1929, 19: 27-42. 2 pl. Also *Gior. ital. derm. sif.*, 1928, 69: 846-75, 3 pl.—**Kovács, Z.** [Dermatological aspect of gold therapy] *Gyógyászat*, 1937, 77: 585-7.—**Kraus, F., Czerny, A., & Friedemann, U.** Die klinische Anwendung des Sanocrysins. *Deut. med. Wschr.*, 1926, 52: 134-6.—**Lemaire, A.** La chrysothérapie des affections non-tuberculeuses. *Progr. méd.*, Par., 1931, 2056-64.—**Levaditi, C., & Nicolau, S.** Action thérapeutique de l'hyposulfite double d'or et de sodium dans les spirilloses et les spirochètes. *C. rend. Soc. biol.*, 1925, 93: 1571-3.—**Loddoni, G.** I preparati di oro in oculistica (esperienza cliniche) *Lettura oft.*, 1929, 6: 456-70. Also *Biol. méd.*, Milano, 1930, 20: 37-51.—**Loevy, H.** Weitere Erfahrungen mit der Gold (Solganal)-therapie bei chronischen Infekten.

Med. Klin., Berl., 1932, 28: 1243.—Nicolas, J., Lebeuf, F., & Mollard, H. Résultats éloignés des sels d'or en dermatologie et en syphiligraphie. Bull. Soc. fr. derm. syph., 1932, 39: 865-70.—O'Flynn, J. A. Notes on the use of sancocrysin in some skin conditions. J. R. Nav. M. Serv., 1931, 17: 118-23.—Roxburgh, A. C., & Corsi, H. The therapeutic value of gold compounds (sancocrysin, krysolgan, etc.) Brit. J. Derm., 1930, 42: 382-90.—Sandberg, K. F. M. [Sancocrysin in private practice] Ugeskr. læger, 1926, 88: 1074.—Schedtler, O., Berger, W. [et al.] Aussprache über Wert und Gefahren der Goldbehandlung, speziell bei Tuberkulose und chronischem Rheumatismus. Med. Klin., Berl., 1939, 35: 734, 877, 912.—Scheltema, G., & Rookmaker, H. E. [Sancocrysin in the Children's Hospital at Groningen] Ned. tskr. geneesk., 1927, 71: 702-10, pl.—Secher, K. [Results in treatment with sancocrysin] Ugeskr. læger, 1926, 88: 175-83. — [Use of sancocrysin in patients with diseases of the joints] Hospitals-tidende, 1933, 76: [Med. Selsk. Kbh. Forh.] 37-53.—Slot, G. The therapeutic uses of gold, with a clinical survey of its use in arthritis. Sind M. J., 1935-36, 8: 181-8.—Szentkirályi, Z. [Use of gold preparations in dermatology] Orv. hetil., 1936, 80: mell., 168.—Valdés Lambea, J. Sobre algunas contraindicaciones de la medicación sancocrisínica. Med. ibera, 1928, 23: pt 2, 85-9.—Witz, F. Lotion-(Gold)-Behandlung bei Lupus erythematodes und Tuberkuliden. Münch. med. Wschr., 1930, 77: 17.—Wolter. Zur Goldbehandlung in der Dermatologie und zum Goldnachweis in den inneren Organen. Derm. Wschr., 1934, 98: 335-8.

GOLDACKER, Herbert. Gracklauer's Zeitschriften-Katalog, 1933 34; ein Verzeichnis aller wichtigsten deutschsprachigen Zeitschriften. 288p. 8° Lpz., O. Gracklauer, 1933.

GOLDAMMER, Hans, 1907— *Beitrag zur Frage der Durchlässigkeit des Dentins für Silberlösung und Tusche unter besonderer Berücksichtigung der Schmelz-Dentingrenze. 18p. pl. 8° Würzb., R. Mayr, 1933.

GOLDAMMER [Otto] Erhard, 1910— *Beobachtungen über Aktinomykose der Kiefer- und Wangengegend an der Chirurgischen Universitäts-Klinik Leipzig. 28p. 8° Lpz., Gebr. Gerhardt, 1937.

GOLDAN, Sydney Ormond 1869— Questions on anatomy, physiology, medicine and pathology, surgery, materia medica, therapeutics [&c.] [v. p.] 8° [N. Y. [n. pub.] 1901]

GOLDBACHER, Lawrence, 1891— Hemorrhoids, the injection treatment, and pruritus ani. 2 p. l. 205p. 8° Phila., F. A. Davis, Co., 1930. Also 2. ed. 207p. 1931.

— Rectal diseases in office practice. 448p. illust. pl. 8° Phila., L. Aubrook & Co., 1933.

— The injection treatment of hernia and hydrocele. 3 p. l. 196p. incl. illust. pl. diagn. 23½cm. Phila., L. Aubrook & Co., 1933.

GOLDBAND, Izrael Mojsze, 1913— *Distribution et prophylaxie de la fièvre typhoïde en Pologne. 63p. 8° Par., L. Rodstein, 1936.

GOLDBAUM, Mieczysław, 1863-1936. [Obituary] Warsz. czas. lek., 1936, 13: 685, portr.

GOLDBECK, Paul. *Die Nematoden in den Respirationsorganen und dem Schlunde des Schafes [Basel] 39p. 10 pl. 8° Mülhausen, Wenz & Peters, 1894.

GOLDBERG, Aaron L.

See Fantus, B., & Goldberg, A. L. The 1938 year book of general therapeutics. 544p. 18½cm. Chic., 1939.

GOLDBERG, Benita, 1902— *Ueber Myom als Geburtshindernis. 30p. 8° Lpz., E. M. Löffler, 1928.

GOLDBERG, Benjamin, 1893— Procedures in tuberculosis control, for the dispensary, home and sanatorium; with a chapter on Sanatorium planning by Thomas B. Kidner. 373p. illust. plans. diagns. 8° Phila., F. A. Davis Co., 1933.

— Clinical tuberculosis. 2v. [v. p.] illust. pl. diagns. 25½cm. Phila., F. A. Davis Co., 1935. Also 2. rev. ed. 2v. [v. p.] illust. pl. diagn. 1939.

For portrait see collection in library.

GOLDBERG, Bernard. *Ueber die Erfolge der Milchsäurevollmilchbehandlung bei Ernährungsstörungen des Säuglings [Basel] 20p. 8° Mulhouse, A. Knecht, 1936.

GOLDBERG, Bernard, 1906— *Inversio uteri infolge maligner Tumoren. 25p. 2 pl. 8° Berl., R. Pfau, 1935.

GOLDBERG, Chaim Lejb, 1904— *La fièvre de lait sec. 59p. 8° Par., M. Vigné, 1931.

GOLDBERG, Herbert Martin, 1910— *Zur Diagnose der Diphtheriebacillen auf Claubergschem Nährboden. 15p. 8° Lpz., A. Edelmann, 1935.

GOLDBERG, Irwin, 1909— *Contribution à l'étude de l'influence réciproque de la sclérose en plaques et de la gestation. 70p. 8° Par., L. Cario, 1937.

GOLDBERG, Isaac. *Las proteínas y la viscosidad del plasma y sus relaciones con los estados hipofisarios y tiroideos experimentales. 64p. 25cm. B. Air., T. Palumbo, 1938.

GOLDBERG, Isaac, 1887— Havelock Ellis; a biographical and critical survey; with a supplementary chapter on Mrs. Edith Ellis. xiv, 359p. 21 pl. 8° Bost., R. T. Howard [1926]

GOLDBERG, Jacob A., 1890— See Lanza, A. J., & Goldberg, J. A. Industrial hygiene. 743p. 24cm. N. Y., 1939. Also Long, W. Bayard, & Goldberg, J. A. Handbook on social hygiene. 442p. 8° Phila. [1938]

GOLDBERG, Janina, 1913— *Etude des reprises évolutives de la tuberculose pulmonaire ayant nécessité un second séjour dans un sanatorium d'altitude. 58p. 25½cm. Lyon, Bosc frères, 1938.

GOLDBERG, Margarete [Adele] 1901— *Der Einfluss des vegetativen Nervensystems auf die renale Glykosurie [Breslau] p.468-73. 8° Berl., J. Springer, 1927.

Also Zschr. ges. exp. Med., 1928, 59:

GOLDBERG, Maurice A. Dental materials; manual of laboratory procedure. 2, 40 l. roy. 8° [Ann Arb., Mich.] 1935.

Mimeographed.

— Materials used in dentistry and their manipulation. 126 l. roy. 8° Ann Arb., Mich., Edwards Bros., 1935.

GOLDBERG, Nathan, 1907— *Intravenous urography [Univ. Wisconsin] 33p. 4° Marshfield, Wis., 1931.

Typewritten.

GOLDBERG, Raymonde, 1901— *Essai de vaccination préopératoire. 108p. 8° Par., Libr. M. Vigné, 1926.

GOLDBERG, Roger Louis, 1903— *Le diabète rénal. 130p. 8° Par., M. Vigné, 1933.

GOLDBERG, Rosamond Webster, 1900— Occupational diseases in relation to compensation and health insurance. 3 p. l. 280p. 8° N. Y., Columbia Univ. Press, 1931.

GOLDBERGER, Emeric, 1911— *Action pharmacodynamique des eaux sulfatées calciques sur l'intestin isolé du lapin. 84p. 24cm. Par., L'Expansion sc. française, 1937.

GOLDBERGER, Jacques.

See Schwarz, Gottwald, Goldberger, J., & Crocker, Charles. Diagnosis and non-operative treatment of the diseases of the colon and rectum. 540p. 8° Lond., 1937.

GOLDBERGER, Joseph, 1874-1929.

Allen, R. M. Personal recollections. Hebrew M. J., N. Y., 1937, 2: 226-31, portr.—Dearman, W. A. Tribute to Dr Joseph Goldberger. N. Orleans M. & S. J., 1935-36, 88: 139-41.—Harding, T. S. Another Jew without money. Cutting from Atlantic Monthly, 1931, 148: No. 2, 166-70.—Kagan, S. R. [Biography] Med. Life, 1933, 40: 434-45.

Also Med. Rec., N. Y., 1937, 146: 473-6.—[Obituary] J. Am. M. Ass., 1929, 92: 331. Also Sc. Month., 1929, 28: 282, portr.—Williams, R. C. Obituary. Arch. Path., Chic., 1929, 7: 315, portr.

GOLDBERG-GORSKI, Franciszek, 1863-1937. [Borusiewicz, F.] Obituary. Lek. wojsk., 1937, 30: 255, portr.

GOLDBLOOM, Alton, 1890- The care of the child. 2. ed. 248p. illust. tab. 8°. Toronto, Longmans, Green & Co., 1935.

GOLDBLUM, Helmut. *Die Poliomyelitis acuta anterior in Basel und in der Basler Kinderklinik. 35p. 8°. Stetten-Basel, K. Schahl, 1935.

GOLDBLUM, Zofja. *Nach Trepanation aufgetretene motorische Aphasie (Hypotalie) mit Restitution bei progressiv wachsendem Endotheliom im linken Zentrofrontallappen (nicht operabler Tumor, Dauerprolaps, Tod erst nach 7 Jahren) p.227-68. 8°. Zür., O. Füssli, 1928.

Also Schweiz. Arch. Neur. Psychiat., 1928, 22:

GOLDBLUM-GOLBLIN, Victor, 1898- *Le syndrome de Dereum; les troubles psychiques au cours de l'adipose douloureuse. 79p. 8°. Par., Jouve & cie, 1927.

GOLD Coast Colony, British W. Africa. Colonial Secretary's Office. Blue book. Accra, 1915; 1922-23; 1925-

GOLD Coast Colony, British W. Africa. Governor. Annual report on the social and economic progress of the people. Accra, 1923-1926-27 missing.

GOLD COAST COLONY.

GOLD COAST COLONY. GOVERNMENT. Blue book. Accra, 1915; 1922-23; 1925-

Fortes, M. Ritual festivals and social cohesion in the Hinterland of the Gold Coast. Am. Anthrop., 1936, 38: 590-604.—**Wild, R. P.** Stone age pottery from the Gold Coast and Ashanti. J. R. Anthrop. Inst. Gr. Britain, 1934, 64: 203-15, 3 pl.

GOLDE, Helmut [Herbert Wilhelm] 1902- *Die Prognose des Rektum-Carcinoms nach Anlegung eines Anus praeternaturalis. 25p. 8°. Kiel [n. pub.] 1928.

GOLDEN, George Charles. The healing of Harry Landers. 2 p. l. 163p. 12°. Holyoke, Mass., Elizabeth Towne Co. [1925]

GOLDEN, Harold M[iller] 1899- *Die Leuchtgasvergiftung. 16p. 8°. Berl., E. Ebering, 1927.

GOLDEN, Leon, 1892- , **HERBERT, L. M.**, & **GOLDSTEIN, A.** Rephuah system of medicine. v.1. 218p. 8°. N. Y., Trio Press Inc., 1927.

GOLDEN, Ross, 1889- Diagnostic roentgenology. xi, 854p.; 13p. illust. tab. roy. 8°. N. Y., T. Nelson & Sons, 1936.

GOLDENBAUM, Joseph, 1912- *Contribution à l'étude du kala-azar infantile dans la région parisienne. 77p. 8°. Par., L. Rodstein, 1937.

GOLDENBERG, Anne, 1908- *De l'emploi du ballon de Champetier de Ribes à la Maternité de Lariboisière; étude statistique (année 1923-32) 47p. 8°. Par., Libr. L. Rodstein, 1933.

GOLDENBERG, Avner. *La tuberculose multiganglionnaire fébrile chez l'adulte. 20p. 22½cm. Genève, Ed. Union S. A., 1937.

GOLDENBERG, Berthe, 1899- *Traitement général de l'actinomycose. 52p. 8°. Par., M. Vigné, 1929.

GOLDENBERG, Haïm, 1911- *Hygiène de l'obésité. 40p. 24cm. Par., L. Rodstein, 1938.

GOLDENBERG, Herman, 1862-1937.

Rosen, I. [Obituary] Arch. Derm. Syph., Chic., 1937, 36: 365, portr.

GOLDENBERG, Isaac H., 1906- *Contribution à l'étude du décollement traumatique du placenta au cours de la gestation. 40p. 8°. Par., Jouve & cie, 1932.

GOLDENBERG, Martin David, 1897- *Focal infection [Milwaukee County Hosp.] 24 l. 4°. Wauwatosa, Wis., 1929. Typewritten.

GOLDENBERG, Norbert, 1909- *Ueber den Einfluss des Arsens auf die Neutralschwefelausscheidung [Giessen] 17p. 8°. Lippstadt, Thiele [1932]

GOLDENSTEIN, Eliézer, 1910- *L'élément psychique comme facteur déterminant ou déclenchant de certaines anémies aplastiques. 47p. 8°. Par., Ed. Jel, 1935.

GOLDENSTEIN, Samuel. *Ueber hämolytischen Ikterus. 24p. 24cm. Lausanne, Held, 1937.

GOLDENWEISER, Alexander A., 1880- Anthropology; an introduction to primitive culture. xxi, 550p. illust. pl. diags. 8°. N. Y., F. S. Crofts & Co., 1937.

GOLDER, C. Die Geschichte der weiblichen Diakonie. xv, 508p. illust. ports. 8°. Chic., Jennings & Pye [1901]

GOLDER, Paul. *Die Grundlagen der methodischen Prüfung von Zink- und Aluminiumphosphazementen. 30p. 8°. Tüb., E. Göbel, 1931.

GOLDFISH.

See Carassius.

GOLDFLAM, S[amuel] 1852- Die diagnostische Bedeutung des Rossolimoschen Reflexes bei Erkrankungen des Zentralnervensystems. 274p. 8°. Berl., S. Karger, 1930. Forms Heft. 56, Abh. Neur. Psychiat.

GOLDFLAM'S disease.

See Myasthenia.

GOLDFRANK, Esther Schiff. The social and ceremonial organization of Cochiti. 129p. 6 tab. Menasha, Wis., Am. Anthrop. Ass., 1927. Forms No. 33, Mem. Am. Anthrop. Ass.

GOLDHABER, Hanna, 1908- *Die Wirkung des Vitamins C auf den Calciumspiegel des Blutserums. 31p. 8°. [Lpz., n. pub.] 1935.

GOLDHABER, Leopold. *Dermographismus als Test für die Wirkung vegetativhemmender Pharmaka und ihrer paradoxen Kombination (Bellergal-Sandoz) [Basel] 21p. 8°. Lörrach, K. Schahl, 1935.

GOLDHACKER, E. *Sur quelques nouveaux éthers-sels de l'acide allophanique [Strasbourg] 38p. 8°. Gap, L. Jean, 1933.

GOLDHAHN, Richard. Einrichtung und ordnungsgemässer Betrieb der chirurgischen Krankenstation. viii, 128p. illust. 8°. Lpz., G. Thieme, 1936.

— Die Anzeige zum operativen Eingriff. 474p. 21½cm. Lpz., G. Thieme, 1938.

— Die Operation in der Sprechstunde. 181p. illust. 8°. Lpz., G. Thieme, 1938.

— & **HARTMANN, Werner**. Chirurgie und Recht; die Haftung des Chirurgen und die Sicherungsmassnahmen in der Praxis. 2 p. l. 227p. 22½cm. Stuttg., F. Enke, 1937.

GOLDHAMER Karl. Normale Anatomie des Kopfes im Röntgenbild; übersetzt von Dr Steinhaus. Theil 1-2. xvii, 115p.; x, 44p. 56 pl. fol. Lpz., G. Thieme, 1930-31.

— Röntgenologie des praktischen Zahnarztes; Aufnahmetechnik und Röntgenanatomie der Zähne und Kiefer. 149p. illust. 8°. Wien, Aesculap-Verlag, 1937.

GOLDHAMMER, Karl, 1908— *Ein Fall von Hornhautverdünnung bei Hydrophthalmus [Würzburg] 43p. 8°. Mellrichstadt, J. V. Bauner, 1936.

GOLDHAN [Louis Christian] Hans, 1901— *Die flache Hüftgelenkspfanne [Leipzig] 20p. 8°. [Zeulenroda, A. Oberreuter] 1927.

GOLD impregnation.

See also **Histology**; **Nervous system**, **Histology**; **Silver impregnation**.

Altschul, R., & De Angelis, E. Sopra alcuni metodi d'impregnazione aurea. Arch. gen. neur., Teramo, 1929, 10: 137-44.—**Küster, E.** Ueber Verätzungs-, insbesondere über Vergoldungserscheinungen an Pflanzenzellen. Zschr. wiss. Mikr., 1938-39, 55: 166-97.—**Nabias, B. de.** Méthode de coloration au chlorure d'or, action réductrice de la lumière et des acides gras. C. rend. Soc. biol., 1905, 59: 151.—**Schmidt, W. J.** Die histoische Gold- und Silberfärbung des Aussengliedes der Sehzellen vom Frosch. Zschr. wiss. Mikr., 1935, 52: 8-23, pl.

GOLDING-BIRD, Cuthbert Hilton, 1848-1938.

Berncastle, H. M. An appreciation, the late Mr Golding-Bird. Guy's Hosp. Gaz., Lond., 1939, 53: 111.—**Hale-White, W., & Griffiths, S. A. E.** Obituary. Brit. M. J., 1939, 1: 590, portr.—**W. W. H.** Obituary. Guy's Hosp. Gaz., Lond., 1939, 53: 96, portr.

GOLDINGER, Johann, 1900— *Untersuchungen von Rinder- und Schweinefällen im Sinne der praktischen Stallkontrolle (ein Beitrag zur Frage der Zusammenhänge zwischen Stall und Krankheit) [Zürich] 43p. 2 l. diagr. roy. 8°. Wald, W. Hess, 1935.

GOLDKORN, Jona, 1911— *Les possibilités thérapeutiques de la station hydrominérale Truskawiec (Pologne) 42p. 8°. Par., L. Rodstein, 1937.

GOLDKUHL, Erik. Psychische Insuffizienz-zustände bei Oligophrenien leichteren Grades; eine persönlichkeitsanalytische Untersuchung. 2 pts. 411p.; 70p. 8°. Kbh., Levin & Munksgaard, 1938.

Forms Suppl. 15, Acta psychiat. neur., Kbh.

GOLDLUECKE, Heinz, 1908— *Ueber den Einfluss der Purinabkömmlinge Coffein, Theobromin und Theocin auf die Sauerstoffzehrung überlebenden Gewebes [Münster] 19p. 8°. Werne-Lippe, F. Grube, 1934.

GOLDMAN, Herbert. *La tuberculose urinaire coïncident avec la tuberculose articulaire. 31p. 8°. Lausanne, C. Risold & fils, 1936.

GOLDMAN, Israel, 1911— *Le tremblement se prête-t-il à une étude physio-clinique objective? 110p. 25cm. Lyon, M. & L. Riou, 1939.

GOLDMAN, Louis B. *Les ocytociques en obstétrique. 19p. 22½cm. Lausanne, C. Risold, 1939.

GOLDMAN, Michel, 1912— *Contribution à l'étude de l'encéphalite post-vaccinale. 56p. 8°. Par., Studio Impr., 1936.

GOLDMAN, S. Ormond. Questions on materia medica, therapeutics [&c.] 32p. 8°. N. Y., Press Stettner Bros., 1896.

GOLDMAN, Włodzimierz, 1910— *Contribution à l'étude du pronostic de la tuberculose du nourrisson. 43p. 8°. Par., Presses Modernes, 1935.

GOLDMANIS, Hiršs. *Differentialdiagnose der Trigeminusneuralgie [Basel] 19p. 22cm. Riga, Spiestuve, 1938.

GOLDMANN, Carl Heinz, 1904— *Roentgenologische Untersuchungen über Verkalkungen

der Schädelgefäße [Leipzig] 19p. 2 pl. 8°. Borna, R. Noske, 1929.

GOLDMANN, Edmund, 1912— *Ueber den Einfluss hypertoner Lösungen auf die Ausscheidung von intravenös zugeführtem Natriumrhodanid [Münster] 21p. 21cm. Bottrop, W. Postberg, 1937.

GOLDMANN, F. Editor of Zeitschrift für Gesundheitsverwaltung und Gesundheitsfürsorge. v.1-3, 1930-32.

GOLDMANN [Georg Rudolf] Heinz, 1911— *Pulpaauflösungsmittel mit besonderer Berücksichtigung des Hypochlorit-Braun und Chloramin-Heyden. 16p. 23cm. Lpz., A. Edelmann, 1936.

GOLDMANN, Gerda, 1914— *Farbstoffbildung bei Hautpilzen in der Kultur [Berlin] 27p. 23cm. Charlottenb., K. & R. Hoffmann, 1938.

GOLDMANN, Josef, 1900— *Die historische Entwicklung der Handbohrer und Bohrmaschinen. 37p. 3 pl. 8°. Gött. [n. pub.] 1929.

GOLDMANN, Joseph, 1907— *Ueber den Sporttod. 27p. 21cm. Berl., Wulkan, 1937.

GOLDMANN, Walter, 1900— *Pathologie des Weisheitszahnes. 39p. 8°. Berl. [Itzkowski & Co.] 1930.

GOLDNER, Elisabeth [Sophie Julie] 1905— *Ueber Anwendungsbereich und Gefahren der Lumbalpunktion und der Suboccipitalpunktion. 20p. 8°. Berl., Pass & Garleb, 1933.

GOLDNER, Martin, 1902— *Die Veränderungen der Serumstruktur durch den monatlichen Zyklus; interferometrische Untersuchungen [Frankfurt a. M.] 31p. 8°. Bresl., G. Schenkalowsky Nachf., 1926.

See also **Bergmann, Gustav von**, & **Goldner, M.** Funktionelle Pathologie [&c.] 425p. 8°. Berl., 1932.

GOLDRING, Sara, 1913— *Contribution à l'étude de la glossite losangique de Brocq et Pautrier. 40p. 24½cm. Par., L. Rodstein, 1939.

GOLDROSEN, Abraham, 1906— *Le coeur des myxoedémateux. 36p. 8°. Par., Jouve & cie, 1937.

GOLDSAND, Julius, 1899— *The value of the leucocyte and differential counts in appendicitis [San Francisco Hosp.] 10p. 4°. San Franc., 1927-28.
Typewritten.

GOLDSBORO, N. C. State Hospital [formerly Eastern North Carolina Asylum] Report (annual and biennial) Goldsborough, 7., 1883/84-1899/1900.

GOLDSCHADT, Karl [Friedrich] 1910— *Ueber Raupenhaariritis. 23p. 22½cm. Würzb. R. Mayr, 1937.

GOLDSCHIEDER, Alfred, 1858-1935. Therapie innerer Krankheiten. viii, 420p. 8°. Berl., J. Springer, 1929. Also 2. Aufl. 439p. 1931.

For biography see Zschr. ges. phys. Ther., 1928, 35: portr. For biography see Brasil med., 1935, 49: 776-8 (S. Mello) Also Deut. med. Wschr., 1928, 54: 1279 (F. Umber) Also Verh. Berl. med. Ges. (1935) 1936, 66: 194-7 (G. von Bergmann) Also Zschr. ärztl. Fortbild., 1935, 32: 306, portr. (C. A.)

GOLDSCHIEDER'S disease.

See **Epidermolysis bullosa**.

GOLDSCHLAGER, Hersch, 1905— *Contribution à l'étude clinique des formes méningées de la maladie de Heine-Medin. 66p. 8°. Par., Libr. M. Lac, 1932.

GOLDSCHMID, Edgar, 1881— Entwicklung und Bibliographie der pathologisch-

anatomischen Abbildung. 3 p. l. 301p. 44 pl. fol. Lpz., K. W. Hiersemann, 1925.

GOLDSCHMIDT, Erich. *Die Glykolyse des Blutes unter verschiedenen experimentellen Bedingungen [Basel] 16p. 8°. Freib. i. B., Bär & Bartosch, 1932.

GOLDSCHMIDT, Erich, 1911— *Erfahrungen über Varicellen bei Erwachsenen. 28p. 23cm. Zür., Pluntern, 1938.

GOLDSCHMIDT, Erich, 1912— *Ueber die Operationserfolge bei juveniler Cataract, ausschliesslich traumatischer Aetiologie. 25p. 20½cm. Königsb., E. Masuhr, 1936.

GOLDSCHMIDT, Ernst Friedrich, 1892— See Boas, Ernst Philip, & Goldschmidt, E. F. The heart rate. 166p. 8° Springfield, Ill., 1932.

GOLDSCHMIDT, Fritz, 1911— *Die Ostitis deformans Paget [Münster] 31p. 21cm. Bottrop, W. Postberg, 1936.

GOLDSCHMIDT, Hans, 1903— *Ueber die Entwicklung des Neugeborenen bei Erkrankung der Mutter. 6p. 8° Giessen [n. pub.] 1927.

Also Klin. Wschr., 1927, 6: 206-8.

GOLDSCHMIDT, Hans, 1910— *Ueber die Behandlung der Kinderpyurie [Halle] 27p. 21cm. Eisleben, E. Winkler, 1937.

GOLDSCHMIDT, Marguerite, 1910— *Ueber die Möglichkeit der zahnärztlichen Behandlung epileptischer Kinder. 35p. 8° Bonn, P. Kubens, 1933.

GOLDSCHMIDT, Milly, 1911— *Reizzustände muskulärer Art im Bereich der Kopf- und Halsmuskulatur, bei epidemischer Encephalitis. 152p. 21cm. Berl., B. Levy, 1937.

GOLDSCHMIDT, Richard Benedict, 1878— Die Lehre von der Vererbung. vi, 217p. 12° Berl., J. Springer, 1927.

— Einführung in die Wissenschaft vom Leben; oder, Ascaris. 2. pts. xi, 340p. paged consec. 12° Berl., J. Springer, 1927.

— Physiologische Theorie der Vererbung. vi, 247p. 8° Berl., J. Springer, 1927.

— Einführung in die Vererbungswissenschaft; ein Lehrbuch in einundzwanzig Vorlesungen. 5. Aufl. ix, 568p. 8° Berl., J. Springer, 1928.

— Die sexuellen Zwischenstufen. 528p. 8° Berl., J. Springer, 1931.

— Ascaris: the biologist's story of life. ix, 390p. illust. 8° N. Y., Prentice-Hall, 1937.

— Physiological genetics. ix, 375p. illust. diags. 8° N. Y., McGraw-Hill, 1938.

For portrait, photograph see collection in library.

GOLDSCHMIDT, Ruth. *Ueber den Antagonismus zwischen dem Morbus Basedowii und der Atherosklerose [Basel] 30p. 8° Berl. [H. Schirm] 1934.

GOLDSCHMIDT, Walter, 1894— *Die Entwicklung der allgemeinen Betäubungsmethoden in der Zahnheilkunde. 27p. 8° Würzb., C. J. Becker, 1929.

GOLDSCHMIDT-FUERSTNER, Paul. 1902— *Ueber Daumenersatz, seine Technik und Erfolge [Freiburg i. B.] 39p. 8° Ueberlingen [n. pub.] 1925.

GOLDSMID, J. A. Companionate marriage from the medical and social aspects. v, 63p. 8° Lond., W. Heinemann, 1934.

GOLDSMITH, Allen John Bridson. First aid for everybody. 176p. illust. 8° Lond., Faber & Faber [1935]

GOLDSMITH, Herbert Stahl, 1908— *Eine statistische Zusammenstellung der Fälle von Poliomyelitis, Encephalitis und Meningitis

aseptica des Kinderspitals Zürich von 1911-33 [Zürich] 60p. 23cm. Stetten-Basel, K. Schahl, 1935.

GOLDSMITH, Margaret Leland, 1894— Franz Anton Mesmer; the history of an idea. 3 l. 282p. portr. 8° Lond., A. Barker [1934]

GOLDSMITH, Morris. *Die Kombination des Prolapses der Genitalorgane mit Karzinom [Basel] 31p. 24cm. Mulhouse, A. Knecht, 1937.

GOLDSMITH, Oliver, 1728-74.

[Biography] Canada Lancet Pract., 1934, 83: 33-9.—Brown, J. N. E. Oliver Goldsmith, and his medical age. Ibid., 1931, 76: 9, 40.—Hale-White, Sir W. The bicentenary of the birth of Oliver Goldsmith. Lancet, Lond., 1929, 1: 1229-32.—Kirkpatrick, T. P. C. Goldsmith in Trinity College, and his connection with medicine. Irish J. M. Sc., 1929, 6, ser., 142-62.—Oliver Goldsmith's grave. Med. J. & Rec., 1929, 129: 648.—Peachey, G. C. Oliver Goldsmith, poet and physician. Med. Press & Circ., 1928, 125: 8, 30, 52.—Roddiss, L. H. [Biography] Ann. Int. M., 1932, 5: 1427-36.

For portrait, photograph from an oil, see collection in library.

GOLDSMITH, William Noel. Recent advances in dermatology. xv, 522p. illust. pl. 8° Lond., J. & A. Churchill, 1936.

GOLDSOL.

See also Cerebrospinal fluid, Colloidal reactions: Goldsol; Colloid, Metal.

Joël, E. Das kolloide Gold in Biologie und Medizin; die Goldsolreaktion im Liquor cerebrospinalis. 115p. 8° Lpz., 1925.

SHEAR, M. J. *The composition of Bredig gold sols [Columbia Univ.] 32p. 8° N. Y., 1925.

Adolf, M., & Pauli, W. Beiträge zur allgemeinen Kolloidchemie, zur Analyse und Konstitution des kolloiden Goldes. Kolloid Zschr., 1924, 34: 29-34.—Ashby, W. On the relationship of the dispersion of gold sol to the intensity of reduction as influenced by p_{H_2} and a one-way effect produced in gold chloride by changes of p_{H_2} through certain ranges. J. Phys. Chem., 1934, 38: 427-47.—Benicio, A. Sobre o preparo do ouro coloidal, em particular pelos metodos de Borowskaya e Pancanti. Neurobiologia. Nap., 1939, 2: 261-6, 2 tab.—Benítez de Huelva, J. Notas prácticas sobre la preparación del oro coloidal. Med. ibera, 1927, 21: 263-5.—Bolam, T. R., & Crowe, J. The action of immiscible organic liquids on colloidal gold. J. Phys. Chem., 1931, 35: 1448-60.—Borowskaja, D. P. Zur Methodik der Goldsolbereitung. Zschr. Immunforsch., 1934, 82: 178-82.—Cassel, H. M. A new aspect of the colloidal gold reactions. J. Phys. Chem., 1938, 42: 955-60.—Charmandarjan, M. O. Gewinnung kolloider Goldlösungen unter Anwendung von Alkaloiden. Kolloid Zschr., 1929, 49: 133-5.—Christina, V., & Green, C. G. Colloidal gold solution, the preparations of gold solutions and their titration with permanent H-ion concentration standards. J. Lab. Clin. M., 1927-28, 13: 678-81. Also Psychiat. Q., 1928, 2: 314-8.—Crowther, J. A. Effect of increasing doses of X-radiation on colloidal gold. Nature, Lond., 1938, 142: 569.—Ehmer, T. Ueber Goldsol. Wien. klin. Wschr., 1926, 39: 719.—Einstein, O. Ueber eine wirtschaftliche Methode zur Rückgewinnung von Gold aus gebrauchten Goldlösungen. Zschr. ges. Neur. Psychiat., 1932, 138: 493.—Eirich, F., & Pauli, W. Beiträge zur allgemeinen Kolloidchemie, zur Konstitution des kolloiden Goldes. Kolloid Beihefte, 1929-30, 30: 113-62.

Goldsole mit Mischkomplexen. Kolloid Zschr., 1934, 67: 186-95.—Fourweather, F. S. Some notes on the preparation of gold sols for the Lange test, with an account of a new method. Brit. J. Exp. Path., 1928, 9: 161-3.—Fuchs, L., & Pauli, W. Zur Analyse und Konstitution des kolloiden Goldes. Kolloid Beihefte, 1925, 21: 195, 412.—Hacker, W. Ueber die Messung der Wanderungsgeschwindigkeit von Goldmizellionen durch Beobachtung der wandernden Grenze. Kolloid Zschr., 1933, 62: 66-76.—Herrmann, W. Weitere Erfahrungen mit dem Goldsol nach Fourweather. Zschr. Immunforsch., 1934-35, 84: 279-94.—Just, E., & Lieb, F. Ueber die Goldsole nach Fourweather. Wien. klin. Wschr., 1933, 46: 880.—Klaas, R. Preparation of colloidal gold solution. Am. J. Clin. Path., 1940, 4: Techn. Sect., 42-4.—Kraus, M. Ein terminologischer Vorschlag zur Goldsolreaktion. Psychiat. neur. Wschr., 1938, 40: 371.—Kreidler, W. A., & Small, J. C. A method for the standardization of colloidal gold sols in the Lange test. J. Lab. Clin. M., 1931, 17: 259-68. — A method of standardizing colloidal gold sols by utilizing a standard solution of globulin. Ibid., 269-71.—Lagemann, A. Wirkung von Alkalisalzen auf Kataphorese und Fällung von kolloidem Gold. Kolloid Beihefte, 1930-31, 32: 212-48.—Leiboff, S. L. Colloidal gold; a method for the preparation of colloidal gold for the Lange test on cerebrospinal fluid. Arch. Derm. Syph., Chic., 1928, 17: 380-6.—Mayr, J. K. Eine neue Methode zur Herstellung von Goldsol. Münch. med. Wschr., 1928, 75:

- 1081.—**Patterson, H. A.** An observation on the preparation of colloidal gold. *Psychiat. Q.*, 1931, n. ser., 5: 82-9.—**Perkins, J. J.** Colloidal gold. *Bull. Am. Soc. Clin. Lab. Techn.*, 1935, 1: 158-61.—**Price, I. N. O.** The preparation and standardisation of gold sol for use in the Lange colloidal gold reaction. *J. Path. Bact., Lond.*, 1940, 51: 141.—**Ramsey, T. L., & Eilmann, H. J.** The preparation of colloidal gold solution. *J. Lab. Clin. M.*, 1932-33, 18: 298-300.—**Sanford, A. H.** Colloidal gold. *Am. J. Clin. Path.*, 1936, 4: No. 6, 417.—**Scherrer, P., & Staub, H.** Röntgenographische Untersuchung des Koagulationsvorganges bei kolloidem Golde. *Zschr. phys. Chem.*, 1931, 154: 309-21.—**Schubert, H.** Ueber Erfahrungen mit dem Goldsol nach Borowskaja. *Zschr. Immunforsch.*, 1939, 96: 267-74.—**Schwarz, P.** Eine einfache und sichere Methode zur Einstellung der Goldsolösung. *Wien. klin. Wschr.*, 1934, 47: 1232.—**Scott, R. D., & De Long, G.** Preparation of colloidal gold solution. *J. Lab. Clin. M.*, 1938-39, 24: 423-5.—**Spiegel-Adolf, M.** Goldsol und Proteine. *Biochem. Zschr.*, 1927, 180: 395-414.—**Throckmartin, C. L., & Sorum, C. H.** Change in gold sol formation. *J. Phys. Chem.*, 1940, 44: 247-55.—**Uhlenbruck, P.** Ueber die Fällung kolloiden Goldes durch Eiweisskörper. *Klin. Wschr.*, 1926, 5: 710.—**—** Fermentstudien mit kolloidem Gold. *Kolloid Zschr.*, 1925, 36: Ergbd., 287-91.—**—** Die Fällung des kolloiden Goldes durch Eiweisskörper. *Münch. med. Wschr.*, 1925, 72: 2171.—**—** Ueber reversible und irreversible Fällungen des kolloiden Goldes durch Eiweisskörper und ihre klinische und biologische Anwendung. *Zschr. ges. exp. Med.*, 1926, 51: 700-22.—**Weichherz, E.** [Preparation of colloidal gold] *Cas. lék. česk.*, 1933, 72: 1072.—**Weimarn, P. von.** Das kolloide Gold. *Kolloid Zschr.*, 1926, 39: 278-81.—**—** Ueber orangefarbige oder orangefarbene kolloide Goldlösungen. *Ibid.*, 1928, 45: 366-70.—**Wernicke, R., & Biraben Losson, R.** Sobre el papel de la presencia de vestigios de SNa_2 en la obtención del oro coloidal por el método de Zsigmondy (Au_{22}). *Fol. biol., B. Air.*, 1932, 33, 35.—**—** Algunos datos sobre el mecanismo de la formación del auralos Au_{22} Zsigmondy y del papel que en ella desempeña la presencia de vestigios de SNa_2 . *Rev. Inst. bact. Dep. nac. hig., B. Air.*, 1934, 6: 141-5.—**—** Nuevos datos sobre la influencia de la presencia de vestigios de SNa_2 en la obtención del oro coloidal por el método al formol Au_{22} de Zsigmondy. *Ibid.*, 145-51.—**Wernicke, R., & Modern, F.** Réaction de l'or coloidal avec les protéines, comportement de la séro-albumine de cheval dialysée sur l'or coloidal dialysé ou non. *C. rend. Soc. biol.*, 1926, 95: 824.—**Williams, W. C.** A stable, standardized colloidal gold solution. *J. Lab. Clin. M.*, 1934-35, 20: 545-9.—**Wuth, O., & Faupel, M.** The significance of the H-ion concentration for the colloidal gold test, a new method for the preparation of colloidal gold. *Johns Hopkins Hosp. Bull.*, 1927, 40: 297-303.
- GOLDSON, Malinda.** Family medical book on morality, the diseases of women and children, and miscellaneous diseases. 886p. 8°. Oakland, Calif., Pac. Press Pub. Co., 1901.
- GOLDSTAND, Else.** 1905—*Besonderer Verlauf von Sinusthrombosen, insbesondere im Hinblick auf abnorme anatomische Verhältnisse [Königsberg] 30p. 8°. Berlin, Gebr. Hoffmann, 1932.
- GOLDSTEIN, A.**
See **Golden, L., Herbert, L. M., & Goldstein, A.** *Rephuah system of medicine*. Vol. 1. 218p. 8°. N. Y., 1927.
- GOLDSTEIN, Adolphe.** 1911—*Contribution à l'étude de la valeur de la vitesse de sédimentation globulaire en gynécologie. 54p. 24cm. Par., M. Lavergne, 1939.
- GOLDSTEIN, Aurélie.** 1909—*Contribution à l'étude clinique de la folliculine. 96p. 8°. Par., Jouve & cie, 1929.
- GOLDSTEIN, Bernard.** 1910—*Histologische Veränderungen bei Hysterosalpingographie. 18p. 21½cm. Zür., Stampfenbach, 1937.
- GOLDSTEIN, Dina** [née **Koutchouk**] 1907—*Contribution à l'étude des fibromyomes utérins pendant les suites de couches. 84p. 8°. Par., Jouve & cie, 1934.
- GOLDSTEIN, Hyman.** 1909—*A biochemical study of the metabolism of mental work [Columbia Univ.] 57p. 8°. N. Y., 1934. Typewritten.
- GOLDSTEIN, Isadore.** 1879-1937.
Obituary. *Tr. Am. Acad. Ophth. Otol.*, 1938, 422.—**Wexler, D.** *Obituary.* *Arch. Ophth., Chic.*, 1938, 19: 428.
- GOLDSTEIN, Isidore.** 1907—*Le pseudo-granulome vénérien; pyodermité végétante préputiale. 35p. 8°. Par., Jouve & cie, 1934.
- GOLDSTEIN, Kurt.** 1878—Die Behandlung, Fürsorge und Begutachtung der Hirnverletzten (zugleich ein Beitrag zur Verwendung psychologischer Methoden in der Klinik) viii, 240p. ch. 8°. Lpz., F. C. W. Vogel, 1919.
- Ueber die Plastizität des Organismus auf Grund von Erfahrungen am nervenkranken Menschen. p.1131-74. 8°. Berl., J. Springer, 1931.
- In 15. Bd 2. Hälfte Handb. norm. path. Physiol.
- Der Aufbau des Organismus; Einführung in die Biologie unter besonderer Berücksichtigung der Erfahrungen am kranken Menschen. x, 363p. 8°. Haag, M. Nijhoff, 1934.
- The organism, a holistic approach to biology derived from pathological data in man. vii, 533p. 20½cm. N. Y., Am. Book Co. [1939]
- American psychology series (H. E. Garrett)
- & **COHN, Hans.** Diagnostik der Hirngeschwülste. 3 p. l. 138p. illust. 8°. Berl., Urban & Schwarzenberg, 1932.
- GOLDSTEIN, Kurt.** 1878—, **GREGOR, Adalbert** [et al.] Methoden der reinen Psychologie: Individuelle Psychologie. xix, 1174p. 8°. Berl., Urban & Schwarzenberg, 1927.
- Forms Abt. 6, Teil A, Handb. biol. Arbeitsmeth. (E. Abderhalden)
- GOLDSTEIN, Lazar.** 1902—*Die Röntgenbehandlung der Kehlkopftuberkulose [Leipzig] 18p. 8°. Lpz. [n. pub.] 1927.
- Also Strahlentherapie, 1927, 25:
- GOLDSTEIN, Leopold.** 1898—
See **Mazer, Charles, & Goldstein, Leopold.** *Clinical endocrinology of the female*. 519p. 8°. Phila., 1932.
- GOLDSTEIN, Lester B.** *Contribution à l'étude de la pathogénie et du traitement du lichen ruber planus. 43p. 8°. Lausanne, C. Risold & fils, 1936.
- GOLDSTEIN, Maurice.** 1898—*Des déformations craniennes dans le rachitisme. 52p. 8°. Par., Jouve & cie, 1932.
- GOLDSTEIN, Max Aaron.** 1870—Problems of the deaf. 2 p. l. vii-x, 580p. illust. roy. 8°. S. Louis, Laryngoscope Press, 1933.
- GOLDSTEIN, Meer Rémy.** 1907—*Contribution à l'étude de la présentation du siège. 60p. 8°. Par., E. Le François, 1936.
- GOLDSTEIN, Miron.** Internationale Bibliographie der Altaegyptischen Medizin, 1850-1930. [48]p. 8°. Berl., 1933.
- GOLDSTEIN, Moïse.** 1907—*Hygiène des installations de pétrole en Roumanie. 24p. 8°. Par., Lipschütz, 1935.
- GOLDSTEIN, Natan.** 1899—*Radiodiagnostic des abcès migrateurs par le lipiodol. 59p. pl. 8°. Par., Jouve & cie, 1925.
- GOLDSTEIN, Rudolf.** 1908—*Die Zunahme der Anstaltsentbindungen im Deutschen Reich [Berlin] p.233-55. 8°. Lpz., C. Kabitzsch, 1932.
- Also *Arch. Frauenk.*, 1932, 18:
- GOLDSTEIN, Seymour.** 1911—*Modellversuche zur Ausarbeitung einer neuen Bestimmungsmethode für Vitamin C. 20p. 23cm. Berl., P. Brandel, 1938.
- GOLDSTEIN, Sidney Schulim.** *Etude des causes de la différenciation des cellules nerveuses dans les cultures in vitro. 33p. 25cm. Genève, A. Kundig, 1937.
- GOLDSTEIN, Walter.** 1909—*Ueber Durchbruchzeiten bleibender Zähne bei Berliner Schulkindern. 65p. 8°. Würzb., 1933. Typewritten.

GOLDSTEIN, Werner, 1898— *Die Beziehung der Meinicke Trübungsreaktion zur Wassermannschen Reaktion. 15p. 8°. Lpz., D. Weinberg, 1928.

GOLDSTEIN, Zoltán. *Peut-on guérir le tabes? 39p. 24cm. Genève, Impr. Genevoise, 1938.

GOLDSTUECKER, Gerhard [Hermann] 1900— *Ueber Fettembolie nach Knochenbrüchen [Berlin] 40p. 8°. Charlottenb., Gebr. Hoffmann, 1930.

GOLDSZTAJN, Michel, 1905— *Appendicite du nourrisson. 80p. 8°. Par., Jouve & cie, 1934.

GOLDSZTEIN, Hersz, 1911— *Traitement des brûlures par l'huile de foie de morue. 59p. 24½cm. Strasb., Saint Thomas, 1938.

GOLDSZTEJN, Fajwel, 1914— *Paralysies générales infantiles et juvéniles. 51p. 8°. Lyon, Impr. Janody, 1937.

GOLDTHWAIT, Joel Ernest, 1866— Collected papers, 1891-1901. [v. p.] 4° [v. p.] 1891-1924.

See also **Thomas, Leah C.** & **Goldthwait, J. E.** Body mechanics and health [etc.] 210p. 12°. Bost., 1929.

— **BROWN, Lloyd Thornton [et al.]** Body mechanics in the study and treatment of disease. xiv, 281p. illust. diags. 8°. Phila., J. B. Lippincott Co. [1934] Also 2. ed. xiv, 293p. illust. diags. [1937]

GOLDWASSER, Josef. *L'acrodynie associée à une autre maladie. 16p. 22cm. Genève, Impr. Genevoise, 1937.

GOLDWATER, Sigismund S., 1873—

Goldwater accepts presidency of New York's hospital plan. Hosp. Management, 1940, 49: No. 6, 28, portr.—**Goldwater** (Dr) president of Associated Hospital Service. J. Am. M. Ass., 1940, 114: 2481.

GOLDWERT, Emanoil, 1910— *Deux cas d'anémie grave provoquée par la cryogénine (contribution à l'étude de l'intoxication cryogénique) 43p. 8°. Par., L. Rodstein, 1937.

GOLDWYRE, Edward, 1706-74.
Coues, W. P. A forgotten Salisbury surgeon, Edward Goldwyre, 1706-74. Boston M. & S. J., 1927, 197: 309-11.

GOLDZIEHER, Maximilian Alexander, 1883— Adrenals; their physiology, pathology and diseases. x, 436p. 8°. N. Y., Macmillan Co., 1929.

— Practical endocrinology; symptoms and treatment. xxii p.; 326p. illust. 8°. N. Y., D. Appleton-Century Co. [1935] Also 2. ed. xxiv, 344p. illust. diags. [1937]

— The endocrine glands. xvi p., 916p. illust. diagr. 25cm. N. Y., D. Appleton-Cent. Co. [1939]

GOLE, Laurent, 1903— *Un syndrome ostéo-dermopathique; pachydermie plicaturée avec pachypériostose des extrémités. 136p. 8°. 6 pl. Par., Vigot frères, 1935.

GOLEN, Henry de. Scandales médicaux pendant la guerre. xii p., 234p. 3 l. 12°. Par., M. d'Hartoy [1933]

GOLEV, Kiril, 1909— *Untersuchungen über das Verhalten der Haut, der Muskeln und der Milz des Frosches bei Wasserverlust. 20p. 8°. Lpz., A. Edelmann, 1937.

GOLF

See also **Sport.**

Davis, J. E. Golf. Hygeia, Chic., 1938, 16: 305-7.—**Disturbing** influence of golf on the blood sugar. Med. J. Australia, 1940, 2: 443.—**Karpovich, P. V.** A study of some physiological effects of golf. Am. Phys. Educ. Rev., 1928, 33: 533, 586, 657, 1929, 34: 20. Also repr.—**Krüger, E.** Deutsche Aerzte auf deutschen Golfplätzen. Arzt & Sport, 1935, 1: 101; 105.

GOLGI, Camillo, 1844-1926. Opera omnia: Scritti su argomenti vari, 1903-25. v4. p.[1259]-1563. 8 pl. 4°. Milano, U. Hoepli, 1929.

For portrait, a drawing see collection in library.

For biography see Ann. igiene, 1926, 36: 150-2 (G. Sanarelli) Also Ann. med. nav., Roma, 1: 263-5 (M.) Also Ann. ottalm., 1926, 54: 475, portr. (P. Pediconi) Also Arch. ital. biol., 1926, 76: 140-8 (C. Sacerdotti) Also Arch. Neur. Psychiat., Chic., 1935, 33: 163-70 (J. Chorobski) Also Arch. sc. biol., Napoli, 1926, 8: 216-27 (G. Planese) Also Beitr. path. Anat., 1926, 75: Hft. 1 (L. Aschoff) Also Boll. Soc. natur. Napoli (1926) 1927, 2. ser., 18: 47-58 (G. Police) Also Brit. M. J., 1926, 1: 221. Also Bull. Acad. méd., Par., 1926, 3. ser., 95: 122-4 (A. Pettit) Also Cervello, 1926, 5: 60-4 (T. Senise) Also Clin. vet., Milano, 1926, 49: 121-3 (A. C. Bruni) Also Gior. Accad. med. Torino, 1927, 4. ser., 33: 31-52 (B. Morpurgo) Also Gior. clin. med., Parma, 1926, 7: 41 (U. Gabbi) Also Hygeia, Stockh., 1926, 88: 353-7 (G. Haggqvist) Also J. Am. Ass. Med. Phys. Res., 1926-27, 4: 817-95 (A. Pensa) Also J. Path. Bact., Edinb., 1926, 29: 500-14 (C. Da Tiano) Also Lancet, Lond., 1926, 1: 314. Also Neurologica, Nap., 1926, 3: 64 (L. Bianchi) Also Proc. R. Soc. Edinb., 1925-26, 46: 360. Also Riforma med., 1926, 42: 119 (A. Ferrannini) Also Riv. pat. sper., 1926, 1: 227-31 (V. Scaffidi) Also Riv. sper. freniat., 1926, 50: p. v-xvi (A. Donaggio) Also Seuchenbekämpfung, Wien, 1926, 3: 152 (Kraus) Also Sperimentale. 1926, 80: 178 (A. L.) Also Valsalva, 1926, 2: 189-92 (B. Poletтини)

See also **Perroncito, A.** Commemorazione di Camillo Golgi. 48p. portr. pl. 8°. Pavia, 1926.

Forms Suppl. to v.1, Boll. Soc. med. chir., Pavia, 1926.

Also **Bruni, A. C.** L'opera di Camillo Golgi nel campo dell'istologia. Atti Soc. lombard. sc., 1926, 15: 36-47.—**Corradetti, A.** Camillo Golgi e la sua opera sulla malaria. Riv. parasit., 1940, 4: 1-5, portr.—**Thorek, M.** Camillo Golgi, anatomist and pathologist. Med. J. & Rec., 1927, 125: 121-3.—**Tiberti, N.** Camillo Golgi e la sua opera scientifica. Rass. stud. psychiat., 1926, 15: 317-33, portr.—**Veratti, E.** Camillo Golgi e la sua opera scientifica. Boll. Ist. sieroter. milan., 1926, 5: 1-14.

GOLGI material.

See under **Cell; Erythrocyte, &c.**

GOLIGER, Stéphane, 1904— *Contribution à l'étude des formes curables du tétanos puerpéral. 70p. 8°. Par., M. Vigné, 1929.

GOLINER. Kompendium der ärztlichen Versicherungspraxis. viii, 100p. 8°. Lpz., G. Thieme, 1915.

GOLL, Hermine, 1903— *Paradentosen; pathologisch-anatomische Veränderungen. 23p. 8°. Heidelb., P. Baus, 1928.

GOLL, Josef, 1909— *Myelome der Knochen [Kiel] 20p. 8°. Quakenbrück, R. Kleinert, 1933.

GOLL, Karl August, 1908— *Zur blutigen Knochenbruchbehandlung mit besonderer Berücksichtigung der Interposition von Geweben [Kiel] 20p. 8°. Libau, G. D. Meyer, 1932.

GOLLA, Franz. Chirurgie und Erbpathologie. p.33-44. 23cm. Teplitz-Schönau, Wächter Verl., 1938.

In [Germany] Bund der Deutschen. Abt. Bevölkerungs-politik, 1938.

GOLLASCH, Richard [Oskar] 1898—

*Beitrag zur Frage der Beziehungen zwischen der Höhe des Blutdruckes und der Körperhaltung. 24p. 8°. Münch., J. Voglrieder, 1933.

GOLLEDGE, Hedley C. D., 1889— *Investigation on the reductant power of tissue of infected animals. 42p. 8°. Zür., H. Roth, 1931.

GOLLER, Ferdinand, 1904— *Beitrag zur Frage der Durchwanderungsperitonitis auf Grund zweier geheilter Fälle. 20p. 8°. Erlangen, K. Döres, 1929.

GOLLER, Wilhelm, 1906— *Ueber die Dauerergebnisse nach einfacher Uebernahme des perforierten Magenduodenalulcus. 20p. 21cm. Würzb., K. Triltsch, 1937.

GOLLIN, Kurt, 1902— *Ueber die Unterscheidung menschlicher und tierischer Knochenfunde [Berlin] 41p. 8°. Dietenheim, F. Ranz, 1927.

GOLLNICK, Margarete, 1899—^{*Beobachtungen über die Beziehungen zwischen lymphatischer Leukämie und Lymphosarkom an einem atypischen Falle.} 27p. 8°. Bresl. [n. pub.] 1927.

GOLL'S fasciculus.

See under Spine.

GOLLUB, Heinz, 1906—^{*Untersuchungen eines bisher unbekannten Virus bei einer übertragbaren Kanarienvogelkrankheit auf seine Filtrierbarkeit} [Münster] 49p. 8°. Bin.-Oberschöneweide, Ridder, 1934.

GOLLWITZER, Max, 1912—^{*Ueber rezidivierende Hypopyon-Iritis mit Ausgang in doppelseitige Erblindung} [Würzburg] 28p. 21cm. Ochsenfurt, Fritz & Rappert, 1938.

GOLLY, Walter, 1897—^{*Ein Beitrag zur Frage der Entstehung und Diagnose der Kinnfistel.} 32p. 8°. Bresl., A. Schreiber, 1928.

GOLOMB, Schifra, 1901—^{*Die unspezifische parenterale Behandlung des Ulcus molle und Bubo mit besonderer Berücksichtigung der Tuberkulinbehandlung} [Berlin] 28p. 8°. Charlottenb., Gebr. Hoffmann, 1927.

GOLOVIN, S[ergei] S[eliv] Klinicheskaja oftalmologija [Clinical ophthalmology] xiv, 625p. 8°. Moskva, Sovet Gov., 1923.

GOLOVTCHINER Itzka, Alexandre. ^{*Théories modernes sur les causes de l'hypertension artérielle.} 16p. 8°. Genève, E. Meyer, 1924.

GOLSE, Jacques, 1906—^{*Le traitement par l'atropine à hautes doses du parkinsonisme post-encéphalitique.} 83p. 8°. Par., Jouve & cie, 1934.

GOLSPIEGEL, Hélène, 1898—^{*Contribution à l'étude clinique de la dysménorrhée.} 53p. 8°. Par., A. Legrand, 1929.

GOLUBOV, N. F. Nozologia zabolevanii sustavov [Diseases of the joints] 46p. 8°. Kharkov [n. pub.] 1926.

GOLVAN, Victor Léon Jean, 1902—^{*La castration des vaches laitières} [Alfort] 40p. 2 l. 8°. Hennebont [n. pub.] 1925.

GOLZ, Walter von, 1909—^{*Ueber die Färbkraft des Hämoglobins des Nabelvenenblutes.} 16p. 8°. Rostock, C. Hinstrorff, 1934.

GOMBAULT, Josef, 1897—^{*Welche Gefahr droht dem Menschen durch das tuberkulöse Tier?} [Berlin] 32p. 8°. Charlottenb., Gebr. Hoffmann, 1930.

GOMBERT, Hans, 1904—^{*Beiträge zur Pathologie der Vorhofsscheidewand des Herzens (Cor triatriatum mit Verdoppelung des rechten Vorhofs: Endarteriopathia pulmonalis bei offenem Foramen ovale)} p.483-502. 8°. Berl., 1933.

Also Beitr. path. Anat., 1933, 91:

GOMBERT, Jean, 1914—^{*Contribution à l'étude de l'épithélioma primitif de la trompe de Fallope.} 63p. 25½cm. Lyon, Bosc frères, 1938.

GOMENOL.

See also Melaleuca; Oil; Oleothorax; Tuberculosis. Treatment.

Chandler, F. G., & Gloyne, S. R. Gomenol. Tubercle, Lond., 1927, 8: 566.—**Davies, H. M.** Oleothorax. Lancet, Lond., 1930, 2: 203.—**Nicolas, C.** L'essence de Niaouli; sa production; ses emplois. Bull. Soc. path. exot., Par., 1920, 13: 222-9.—**Sézary, A., & Horowitz, A.** Intolérance cutanée (eczéma artificiel) au gomenol. Bull. Soc. fr. derm. syph., 1935, 42: 425.

GOMER, Wilhelm, 1907—^{*Das Problem der Trans-, Re- und Implantation und ihre Methoden in der Zahnheilkunde.} 16p. 8°. Heidelb., 1932.

GOMES, J. M. New therapeutics of leprosy (12 months treatment of leprosy with carotinoid

Alfon) 95p. tab. diagr. 24cm. S. Paulo [n. pub.] 1939.

Also Rev. med. brasil., 1939.

— & **PESSOA, S.** Um caso de diarrhêa dysenteriforme grave provocada por espirochetas. 7p. 8°. Rio, Freitas Bastos, Spicer & cia, 1927.

GOMES, José. ^{*Phlegmatia alba dolens.} 57p. 8°. Lisb., Minerva, 1886.

GOMES Barboza, Cesar. ^{*Estudo resumido da febre hemoglobinuria palustre.} 131p. ch. 8°. Lisb., E. Roza, 1884.

GOMES Barboza, Diniz. ^{*O tétano e o bromureto de potássio.} 71p. 8°. Lisb., T. Q. Antunes, 1869.

GOMES Caldas, R., filho. ^{*Contribuição para o estudo medico legal das manchas pelos raios ultra violeta.} 22p. 5 ch. 5 pl. diagr. 8°. S. Paulo [n. pub.] 1932.

GOMES Cardim, João Carlos. ^{*Da prova sulfhydrica de Icard (contribuição para o seu estudo)} 68p. 2 ch. 8°. S. Paulo [n. pub.] 1929.

GOMES Guimarães, Manoel Augusto. ^{*Contusões e feridas contusas.} 13p. roy. 8°. Bahia, Pharol, 1867.

GOMES de Mattos, Roger, 1907—^{*Cavernes et cancer du poumon.} 92p. 8°. Par., E. Le François, 1934.

GOMES da Silva, Manuel. ^{*Alguns phenomenos nervosos da diabete.} 72p. 8°. Lisb., Universal, 1868.

GOMET, Pierre Charles Marcel, 1899—^{*A propos du bacille paratyphique B; considérations cliniques et pathogéniques} [Paris] 77p. 8°. Besançon, Impr. Jacques & Demontrond, 1927.

GOMEZ, Dominador, 1866-1916. **Caparás, F. S. A.** [Biography] Rev. filip. med., 1940, 31: 155-7.

GOMEZ, Domingo Mauricio, 1903—^{*Trousseau (1801-67)} 107p. 8°. Par., M. Vigné, 1929.

— Les lois physiques de l'hémodynamique (leur détermination piézographique) 51p. diagr. 25½cm. Par., Hermann & cie, 1937.

GOMEZ, Eudaldo. Compilación sanitaria de Cuba. 159p. 4°. Habana, Sindicato de Artes Graf., 1929.

GOMEZ, F. D. Editor of Revista de la tuberculosis del Uruguay. Montevideo, v.1-3, 1931-33.

GOMEZ, José. Tratado diagnóstico médico. 496p., ii, 8°. Méx., J. J. Terrazas, 1892.

GOMEZ, Sébastien, 1911—^{*Contribution à l'étude du pronostic des cardiopathies valvulaires pendant la grossesse; les indications et techniques de l'interruption thérapeutique.} 96p. 24cm. Par., M. Vigné, 1939.

GOMEZ-CAMEJO, Mario, 1908—^{*Re-marque sur la disparition de la fièvre jaune à Cuba au commencement du xx^e siècle.} 48p. 8°. Par., L. Rodstein, 1934.

GOMEZ-CASTELLANO, Perseverando L., 1908—^{*La lepra à Cuba.} 91p. 8°. Par., J. Haumont, 1937.

GOMEZ de la Serna, Ramón. El doctor inverosímil. 320p. illust. 4 pl. portr. 16° [Madr., A. Del Mundo, 1921]

GOMEZ Díaz, Benedicto. ^{*Actividades intelectuales y rendimiento escolar en relación con el estado bucal} [Chile] 32p. 26½cm. Santiago, Casa Amarilla, 1938.

GOMEZ Nerea, J. Freud y su manera de curar. 191p. 15cm. B. Air., Editorial Tor [1938]

GOMEZ Ocaña, José, 1860-1919. Fisiologia humana, teórica y experimental. 4. ed. v.1-2.

viii, 582p. pl.; 478p. 8° Madr., N. Moya, 1909-10.

See also Conde López, M., & Conde López, F. Doctor Gómez Ocaña: algunos datos de su biografía y para el juicio crítico de sus obras. Siglo méd., 1922, 70: 70, 97, 122, 145, 167.

For biography see Tr. Soc. biol., Barcel., 1919, 7: 13, portr.

GOMOLITSKY, Marie, 1878- *Le rôle de la cinésithérapie dans le traitement de la stérilité féminine. 63p. 8° Par., N. Maloine, 1933.

GOMPERS, Samuel, 1850-1924.

Hayworth, D. [Biography] Q. J. Speech, 1936, 22: 578-84.

GOMPERTS, Henry Conrad. *Bijdrage tot de kennis der Nederlandschindische Anophelinen [Contribution to the knowledge of Dutch-Indian Anophelinae] 4 p. l. 56p. pl. 8° Amst., S. L. van Looy, 1924.

GOMPERTS, Leonore, 1903- *Beiträge zur postoperativen Tetanie. 32p. 8° Berl., 1929.

GOMPHINA.

Gloyd, L. K. Three new North American species of Gomphinae (Odonata) Occas. Papers Univ. Michigan Mus. Zool., 1936, No. 326, 1-18, 3 pl.

GOMPHINARIA.

See also Dermatitis, verrucosa; Fungi imperfecti.

Fonseca & Arêa Leão. Sur la systématique des champignons produisant des chromoblastomycoses. C. rend. Soc. biol., 1923, 89: 762-3.—Pedroso, A., & Gomes, J. M. Quatro casos de dermatite verrucosa, produzida pela *Phialophora verrucosa*. Bol. Soc. med. cir. mil., Rio, 1919-20, 5: 263-5. Also Brasil med., 1920, 34: 105, 121.

GONACRINE.

See Acridine dyes.

GONAD.

See also Chromosome, X; Endocrine glands; Estrogen; Gamete; Genitals; Ovary; Sex; Testis.

Andres, J. Die Arterien der Keimdrüsen bei männlichen und weiblichen Versuchssäugetieren (anatomische Untersuchungen an injizierten Aufhellungspräparaten bei *Lepus cuniculus*, *Cavia cobaya*, *Mus rattus* und *Mus musculus*) [Zürich] p.445-75. 8° Berl., 1927.

Also Zschr. ges. Anat., 1. Abt., 1927, 84:

Broek, A. J. P. van den. Gonaden und Ausführungsgänge. 154p. 8° Berl., 1933.

In Handb. vergl. Anat. (L. B. Weiland) Berl., 1931-33, 6:

Wieser, C. *Ueber die Hiluszellen der Keimdrüsen insbesondere im Vergleich mit den Leydighschen Zwischenzellen [Berlin] p.321-54. 8° Lpz., 1931.

Also Endokrinologie, 1931, 8:

Albright, F. The gonads. In Int. Med. (Musser, J. H.) 3. ed., Phila., 1938, 917-37.—Benoit, J. A propos de l'antagonisme entre glandes génitales de même sexe et de sexe opposé; limitation de croissance des parenchymes de ces glandes. C. rend. Soc. biol., 1927, 96: 630-3.—Diamare, V. Ancora sulle cellule interstiziali delle gonadi a proposito di recenti scritti. Rass. internaz. clin. ter., 1930, 11: 395-403.—Dodds, E. C. The sex glands, their anatomy, physiology and biochemistry. Brit. M. J., 1937, 2: 163. Also Ulster M. J., 1937, 6: 276. —Laurent, L. P. E. [et al.] Discussion on sex glands in general practice. West London M. J., 1939, 44: 121-33.—Dodds, E. C., Parkes, A. S. [et al.] Anatomy and physiology of the sex glands. Brit. M. J., 1937, 2: 232.—Frank, R. T. The gestational gland. N. York State J. M., 1926, 26: 851-3.—Frankel, S. A discussion of sex endocrines. Texas J. M., 1928-29, 24: 10-5.—Kallas, H. Parabiose, Geschlechtsdrüsen und geschlechtsspezifischer Antagonismus. Endokrinologie, 1930, 6: 188-98.—Migliavacca, A. Moderni concetti sull'antagonismo delle ghiandole sessuali. Boll. Soc. ital. biol. sper., 1930, 5: 1082-4.—Morioka, Y. Morphologische Untersuchungen über die Ausführungswege der Keimdrüse bei Neugeborenen. Okayama igakkai zasshi, 1936, 48: 1853; 2112; 2381. —Morphologische und histologische Untersuchungen über die

Keimdrüse beim menschlichen Embryo. Ibid., 1937, 49: 35-7.—Neumann, H. O. Experimentelle Untersuchungen zum Antagonismus der Keimdrüse. Arch. Gyn., Berl., 1930-31, 144: 321-4 [Discussion] 361-83.—Novak, J. Der heutige Stand der Zwischenzellenfrage. Ber. ges. Gyn., 1930, 17: 769-97.—Pieri, G. Studi sulla fisiologia del sistema nervoso vegetativo nell'uomo; sulla innervazione sensitiva della ghiandola genitale. Riforma med., 1933, 49: 820-3.—Posner, C., & Liepmann, W. Keimdrüsen und Anhangsorgane. In Handwörterb. Sexwiss. (Marcuse) Bonn, 1923, 253-8.—Retterer, E. Correspondence structurale et fonctionnelle entre les glandes génitales et le système nerveux. J. urol. méd., Par., 1928, 26: 505-20.—Rowe, A. W., & Lawrence, C. H. Studies of the endocrine glands; the male and female gonads. Endocrinology, 1928, 12: 591-662.—Schouppé, K. Beitrag zur Frage des Antagonismus der weiblichen und männlichen Keimdrüsen. Wien. tierärztl. Mschr., 1930, 17: 565-73.—Snoo, K. de [On multipotent cells in the genital sphere] Ned. tsschr. geneesk., 1940, 84: 567-70.—Stieve, H. Die Zwischenzellen. In Handb. vergl. Anat. (L. B. Weiland) Berl., 1931-33, 6: 235-52.

Ablation.

See also Castration; Gonad, Transplantation.

Bertschi, H. *Beiträge zur Physiologie der Drüsen; Untersuchungen über den respiratorischen stoffwechsel kastrierter Kaninchen [Bern] 55p. 8° Berl., 1920.

Nissen, H. W. *The effects of gonadectomy, vasotomy and injections of placental and orchic extracts on the sex behavior of the white rat [Columbia Univ.] p.450-550. 8° Worcester, Mass., 1929.

Andersen, D. H., & Kennedy, H. S. The effect of gonadectomy on the adrenal, thyroid, and pituitary glands. J. Physiol., Lond., 1933, 79: 1-30, 2 pl.—Avel, M. La castration, chez les lombriciens, n'empêche pas l'évolution des caractères sexuels secondaires, anatomiques et physiologiques. C. rend. Acad. sc., 1928, 187: 67-9.—Beisky, N. W. Der Einfluss der Kastration auf den Wachstumsprozess und Wechsel des Gefieders bei Vögeln. Biol. Zbl., 1935, 55: 562-71.

Die Analyse der Hypertrophieerscheinung der Gonaden bei einseitiger Kastration der Vögel. Zschr. vergl. Physiol., 1936, 23: 578-91.—Caridroit, F., & Régnier, V. Mue et castration du canard de Rouen. C. rend. Soc. biol., 1930, 105: 435-7.—Davis, D. D., & Law, C. R. Gonadectomy and a new secondary sexual character in frogs. Science, 1935, 81: 562-4.—Delmer, A. Apparition, réapparition, persistance des instincts et désirs génésiques après l'ovariectomie ou l'orchidectomie; corps jaune: son influence sur le développement du tractus génital et la production des chaleurs génésiques. Rec. méd. vét., 1926, 102: 393-405.—Domin, L. V. A demonstration of equivalent potencies of right and left testis-like gonads in the ovariectomized fowl. Anat. Rec., 1931, 49: 211-49.—Fremery, P. de. Ueber die Kastrationshypophyse infantiler Ratten. Acta brevina neerl., 1936, 6: 15-7.—Galli, G. Excision des ovaires, des testicules et bactériémie. Boll. Sez. ital. Soc. internaz. microb., 1929, 1: 228.—Hansen, I. B. Gonadectomy in the goldfish *Carassius auratus*. Science, 1931, 73: 293-5.—Holt, H., Keeton, R. W., & Vennesland, B. The effect of gonadectomy on body structure and body weight in albino rats. Am. J. Physiol., 1935-36, 114: 515-25.—Kinoshita, Y. Effects of gonadectomies on the secondary sexual characters in *Haliobates poecilopterus* (Temminck & Schlegel). J. Sc. Hiroshima Univ., 1935, ser. B, Div. 1, 4: 1-14, 3 pl.—Korenchevsky, V., & Ross, M. A. Kidneys and sex hormones. Brit. M. J., 1940, 1: 645-8.—Liang, B. T. The effect of gonadectomy and testicular transplantation on habit formation and retention in the white rat. J. Genet. Psychol., 1933, 43: 140-62.—Mariani, G. Sulle modificazioni dell'ipofisi dei capponi castrati da lungo tempo. Atti. Accad. fisiocr. Siena, 1928, 10. ser., 3: 5, pl.—Masui, K., & Tamura, Y. The effect of gonadectomy on the weight of the kidney, thymus, and spleen of mice. Brit. J. Exp. Biol., 1925-26, 3: 207-23.—Nukariya, S. Ueber Hypophysenveränderungen bei frühkastrierten Ratten. Sei i kwai, 1926, 45: No. 3, 1-14.—Oordt, G. J. van, & Junge, G. C. A. Die hormonale Wirkung der Gonaden auf Sommer- und Prachtkleid; der Einfluss der Kastration bei männlichen Lachmöwen (*Larus ridibundus* L.). Arch. Entwmech., 1933, 128: 166-80.—Padua, E. Ovogenesi e spermatogenesi nella gonade destra di galline completamente ovariectomizzate a sinistra. Arch. zool. ital., 1931, 16: 311-5. —I caratteri sessuali secondari e la gonadectomia nei taccchini. Monit. zool. ital., 1936, 47: 160-74.—Richter, C. P. The effect of early gonadectomy on the gross body activity of rats. Endocrinology, 1933, 17: 445-50.—Saller, K. Ueber den Einfluss einseitiger Kastration (Halbkastration) auf die zurückbleibende Keimdrüse (nach Untersuchungen an männlichen weissen Hausmäusen) ein Beitrag zur Frage der Wechselbeziehungen zwischen Keimdrüse und Gesamtkörper. Arch. Entwmech., 1933, 129: 410-41.—Schrire, I., & Zwarenstein, H. The influence of the gonads on protein metabolism; urinary creatinine after castration. Biochem. J., Lond., 1932, 26: 118-21.—Scott, H. M., & Payne, L. F. The effect of gonadectomy on the secondary sexual characters of the bronze turkey (*M. gallopavo*) J. Exp. Zool., 1934, 69: 123-36.—Shirai, I. Hypertrophie der

akzessorischen Geschlechtsdrüsen bei einem einseitig kastrierten Felle. Tr. Jap. Path. Soc., 1932, 22: 294-7.—Zahl, P. A., & Davis, D. D. Effects of gonadectomy on the secondary sexual characters in the ganoid fish, *Amia calva* Linnaeus. J. Exp. Zool., 1932, 63: 291-304, 2 pl.

— Development, and growth.

See also such headings as **Gametogenesis; Sex, Determination; Wolffian duct.**

MÜLLER, A. Struktur und Aufbau der biologischen Ganzheiten; ein Beitrag zum Problem des Deszensus der Keimdrüsen der Säugetiere sowie der Tabes und der Paralyse. 192p. 8: Lpz., 1933.

Beccari, N. Cellule genitali femminili nella rigenerazione sperimentale del testicolo degli anfibi. Monit. zool. ital., 1933, 44: suppl., 288-98, 2 pl.—Benoit, J. Néofornation de cellules interstitielles, d'origine épithéliale coelomique, dans les glandes sexuelles des gallinacées adultes. C. rend. Soc. biol., 1927, 97: 273.—Bounoure, L. Sur la possibilité de réaliser une castration dans l'oeuf de la grenouille rousse, résultats anatomiques. Ibid., 1935, 120: 1316.—Brambell, F. W. R. The development and morphology of the gonads of the mouse; the morphogenesis of the indifferent gonad and of the ovary. Proc. R. Soc., Lond., 1927, ser. B, 101: 391-408, 4 pl.—The development of the Wolffian body and ducts. Ibid., 102: 206-21, 4 pl.—Cole, H. H., Hart, G. H. [et al.] The development and hormonal content of fetal horse gonads. Anat. Rec., 1933, 56: 275-93.—Corinaldesi, F. Lo sviluppo autonomo del corpo genitale del pollo. Monit. zool. ital., 1926, 37: 207-12, pl.

La determinazione del sesso e la evoluzione del corpo genitale dell'embrione di pollo studiati col metodo dell'innesto nell'allantoide. Bull. histol. appl., Lyon, 1927, 4: 142-52.—Dantschakov, V. Keimzelle und Gonade; von der entodermalen Wanderzelle bis zur Urkeimzelle in der Gonade. Zschr. Zellforsch., 1931, 13: 448-510, 4 pl.—Keimzelle und Gonade; Ganzheit des Gewebekomplexes als Faktor in der Entwicklung der Gonade. Ibid., 1932, 15: 581-644, 3 pl.—Gefäßmechanismus als Faktor der Gonadenlokalisierung und der primären Asymmetrie beim Hühnchen. Ibid., 1936, 24: 64-84.

Sur le rôle des connexions urogénitales dans l'édification des gonades. C. rend. Soc. biol., 1935, 119: 904-6.

& Guelin-Schedrina, A. Keimzelle und Gonade; Asymmetrie der Gonaden beim Huhn; primäre quantitative Asymmetrie der Gonadenanlagen. Zschr. Zellforsch., 1933, 19: 50-78.—Domingo, P., & Vilaseca, S. Sobre la histogénesis de la glándula genital. Tr. Soc. biol., Barcel., 1918, 6: 51-62, 11 pl.—Fano, G., & Garofolini, L. Culture in vitro di gonadi embrionali: ricerche sperimentali. Arch. sc. biol., Nap., 1928, 12: 501-9.—Fischel, A. Ueber die Entwicklung der Keimdrüsen des Menschen. Zschr. ges. Anat., 1. Abt., 1930, 92: 34-72.—Gnuschke, H. Untersuchungen über den Stoffwechsel während des Aufbaues der Fischgonade. Zool. Jahrb., Abt. allg. Zool., 1936, 56: 7-62.—Gray, J. C. The development, histology, and endocrine functions of the compensatory right gonad of the hen. Am. J. Anat., 1930, 46: 217-50, 4 pl.—Grünwald, P. Die Entwicklung der Keimstränge und der Bauplan der Keimdrüsen beim Menschen. Arch. Gyn., Berl., 1935-36, 160: 506-24.

Unterscheiden sich bei jungen menschlichen Embryonen Hoden und Eierstock durch ihre Lage? Zschr. Anat. Entw., 1935-36, 105: 720-2.—Hamlett, G. W. D. Primordial germ cells in a 4.5 mm. human embryo. Anat. Rec., 1934-35, 61: 273-9, pl.—Humphrey, R. R. Extirpation of the primordial germ cells of Amblystoma; its effect upon the development of the gonad. J. Exp. Zool., 1927, 49: 363-90, 5 pl.—The developmental potencies of the intermediate mesoderm of Amblystoma when transplanted into ventrolateral sites in other embryos; the primordial germ cells of such grafts and their rôle in the development of a gonad. Anat. Rec., 1928, 40: 67-90, 4 pl.—Sex differentiation in gonads developed from transplants of the intermediate mesoderm of Amblystoma. Biol. Bull., 1928, 55: 317-39, 2 pl.—The development and sex differentiation of the gonad in the wood frog (*Rana sylvatica*) following extirpation or orthotopic implantation of the intermediate segment and adjacent mesoderm. J. Exp. Zool., 1933, 65: 243-69.

The growth of gonads derived from heteroplastic transplants of their pre-primordia in Amblystoma. Am. J. Anat., 1939, 65: 35-67, 3 pl.—Kerkis, J. The growth of the gonads in *Drosophila melanogaster*. Genetics, 1931, 16: 212-24.—Khlopin, N. G. [Extra-corporeal transformations of the derivatives of the Wolff and Müller duct, and the specificity of epithelial tissues of mesodermal origin] Arkh. biol. nauk, 1934, 34: 187-91.—Kille, F. R. Regeneration of gonad tubules following extirpation in the sea-cucumber, *Thyone briareus* (Lesueur). Biol. Bull., 1939, 76: 70-9.—Kohn, S. Zur Kenntnis der Keimbahn des Menschen. Arch. Gyn., Berl., 1925, 126: 310-26.—Martinovitch, P. N. Development in vitro of the mammalian gonad. Arch. exp. Zellforsch., 1938, 22: 74-6.—Mashkovzev, A. Zur Phylogenie der Geschlechtsdrüsen und der Geschlechtsausführgänge bei den Vertebrata auf Grund von Forschungen betreffend die Entwicklung des Mesonephros und der Geschlechtsorgane bei den Acipenseridae, Salmoniden und Amphibien; die Entwicklung des Mesonephros und der Genitaldrüse bei den Acipenseridae und Salmonidae. Zool. Jahrb., Abt. Anat., 1934-35, 59: 1; 201; 9 pl.—Masi, A. Sul voluto rapporto tra l'involuzione della

Borsa di Fabricio e la maturazione delle ghiandole sessuali degli uccelli, nota del socio. Boll. Soc. nat. Napoli (1920) 1922, 2, ser., 13: 47-9.—Monroy, A. Contributo alla conoscenza della prima localizzazione delle cellule genitali negli anfibi anuri. Boll. Soc. ital. biol. sper., 1938, 13: 963.

Sulla localizzazione delle cellule genitali primordiali in fasi precoci di sviluppo; ricerche sperimentali in anfibi anuri. Arch. ital. anat., 1939, 41: 368-89.—Muratori, G. Osservazioni su gonadi di pollo (embrione e neonato) espiantate in vitro. Ibid., 1936-37, 35: 397-412, 2 pl.—Richter, E. Der Bau der Zwitterdrüse und die Entstehung der Geschlechtszellen bei *Agriolimnaea agrestis* L. Jena. Zschr. Naturwiss., 1934-35, 69: 507-44.—Risley, P. L. Contributions on the development of the reproductive system in the musk turtle, *Sternotherus odoratus* (Latreille) gonadogenesis and sex differentiation. Zschr. Zellforsch., 1933, 18: 493-543.—Sato, H. Die postembryonale Differenzierung der Gonaden von *Lymantria dispar*. Ibid., 1932, 16: 63-7.—Stella, E. Sulla maturazione delle gonadi nelle termiti italiane; *Caloterms flavicollis*. Boll. Soc. ital. biol. sper., 1936, 11: 733.—Stieve, H. Entwicklung, Bau und Bedeutung der Keimdrüsenzwischenzellen. Zschr. ges. Anat., 3. Abt., 1921, 23: 1-249.—Wald, H., & Scammon, R. E. Prenatal growth of human testes and ovaries. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 416-20.—Weitzmann, W. Einige Bemerkungen über die Regeneration der Gonaden bei *Lumbricus*. Zool. Anz., 1928, 78: 198-205.—Wendrowsky, V. Croissance des gonades chez la sangsue *Glossosiphonia complanata* L. (quelques phénomènes de phérogénétique du sexe) Arch. anat. micr., Par., 1934, 30: 250-73.—Willier, B. H. Potencies of the gonad-forming area in the chick as tested in chorio-allantoic grafts. Arch. Entw. mech., 1933, 130: 616-48.—Wilson, K. M. Origin and development of the rete ovarii and the rete testis in the human embryo. Contr. Embryol. Carnegie Inst., 1926, 17: 69-88, 3 pl.—Witschi, E. Studies on sex differentiation and sex determination in amphibians; development and sexual differentiation of the gonads of *Rana sylvatica*. J. Exp. Zool., 1928-29, 52: 235-54, 5 pl.

— Disease.

See also **Dwarfism; Hermaphroditism; Infantilitism; Intersex, &c.**

Abbate, R. Naso, orecchio, faringe, laringe, trachea, bronchi in rapporto alle gonadi. Ann. laring., Tor., 1939, 39: 14, 65, 86.—Arpino, G. Il diastematismo. Rass. ter. pat. clin., 1932, 4: 414-42.—Babonneix, L., & Azérad, E. Testicules et ovaires en tant que glandes endocrines. In *Traité méd. enf.* (Nobécourt & Babonneix) Par., 1934, 1: 758-78.—Cawadias, A. Les insuffisances gonadales des adolescents et leur prévention. Gynécologie, 1939, 33: 217-9.—Combemale, P. L'action des endocrines sexuelles sur le psychisme. Bruxelles méd., 1937-38, 18: 476-90.—Action des gonades sur le psychisme. Ibid., No. Spec., 39.—Di Mattei, P. Ricerche farmacodinamiche su una distrofia sessuale dei ratti albini per alimentazione di cereali. Boll. Soc. ital. biol. sper., 1928, 3: 807-10.—Dubois, A. M., & Ponsse, K. Hypogonadisme chez *Rana esculenta*. C. rend. Soc. biol., 1927, 97: 544-6.—Grüter, F. Aktivierung von somatisch-psychisch unterentwickelten Zuchttieren durch Anreicherung des Keimdrüsenhormons. Arch. Frauenk., 1930, 16: 279-87.—Guggisberg, H. Hypophysenstörungen als Folge des Fortpflanzungsvorganges. Schweiz. med. Wschr., 1936, 66: 34-7.—Herbrand, W. Zur Frage des paradoxen Keimdrüsenproblems. Med. Welt, 1937, 11: 468.—Hurxthal, L. M., & Hare, H. F. Bone changes in primary hypogonadism. Lahey Clin. Bull., 1940, 1: No. 7, 9-12.—Hypogonadism, endocrine therapy. Ther. Notes, Detr., 1939, 46: 441-6.—Imre, J. Eye diseases and symptoms connected with the gonads. Tr. Internat. Ophth. Congr. (1937) 1938, 15. Congr., 3: 183-206.—Jores, A. Die Krankheiten der Keimdrüsen. In *Handb. Neur.* (Bumke & Foerster) Berl., 1937, 15: 404-18.—Liebesny, P. Physikalische Therapie endokriner Störungen der männlichen und weiblichen Keimdrüse. Wien. klin. Wschr., 1926, 39: 363-5.—McCullagh, E. P. Hypogonadism in the adult male following bilateral herniorrhaphy. Med. Clin. N. America, 1934, 17: 969-77.—McCullagh, D. R., & Hicken, N. F. Diagnosis and treatment of hypogonadism in the male. Endocrinology, 1933, 17: 49-63.—Moderator, P. S. [Pathogenesis and treatment of endocrinopathies with marked manifestations of disorders of the sexual glands in children] Sovet. pediat., 1935, No. 7, 39-43.—Molitch, M. The successful treatment of a case of hypogonadism with testosterone propionate. J. M. Soc. N. Jersey, 1940, 37: 20-2.—Poliakoff, S. Gonadal disturbances in behavior problems. Am. J. Orthopsychiat., 1936, 6: 553-61.—Nakamura, H. Zur Pathologie der inneren Sekretion, mit besonderer Berücksichtigung der Hyperplasie der Zwischenzellen. Tr. Jap. Path. Soc., 1926, 16: 40-3.—Einiges über die Keimdrüse. Tr. Soc. path. jap., 1933, 23: 153-5.—Podestà, E. Endocrinologia sessuale ed otorinolaringologia. Ann. laring., Tor., 1929, 30: 193-217.—Riches, E. W. Hypogonadism. Proc. R. Soc. M., Lond. 1934, 27: sec. Urol., 555-7.—Schmidt, P. Aktivierung und Reaktivierung der Gonaden. Med. Welt, 1928, 2: 1640-2.—Schroth, K. Biologische Behandlung von Keimdrüsen-unterfunktion. Hippokrates, Stuttgart, 1933, 6: 873-8.—Severinghaus, E. L. Treatment of gonadal hypofunction. Bull. N. York Acad. M., 1940, 16: 53-82.—Shirokogorov, I. I. [Criticism of Steinach's theory on the development of female sexual symptoms in men in hypertrophy of the interstitial gland] J. teor. prakt. med., 1924, 1: 1-17.—Stefko, W. H.

Veränderungen in den Geschlechtsdrüsen bei Unterernährung (und anderen ungünstigen Umwelteinflüssen) mit nachfolgenden konstitutionellen Anomalien. Zschr. Sexwiss., 1926-27, 13: 345-50. — Zur konstitutionellen und pathologischen Anatomie der Keimdrüsen. Zschr. ges. Anat., 2. Abt., 1932-33, 17: 539-50. — **Surgery** may save human race from extinction, evolutionary trend toward neuter race may be checked by gland operation. Science News Lett., 1934, 25: 314. — **Thomas, E.** Die Keimdrüsen im Kindesalter. Kinderärztl. Prax., 1934, 5: 159-71. — **Thorek, M.** Some clinical aspects of human sex gland maldevelopment and its possible relief. Med. J. & Rec., 1926, 123: 743. Also repr. — **Treatment** of hypogonadism. Ther. Notes, Det., 1940, 47: 105-10. — **Viégas, A. P.** Doenças das gonadas. Brasil med., 1939, 53: 863-8. — **Watzka, M.** Ueber hypernephroide Gewebsbildungen in den Keimdrüsen der Säugetiere. Zschr. mikr. anat. Forsch., 1938, 43: 235-44.

Effect of various agents.

See also **Estrogen, Bioassay; Gamete, Disease and injury; Sexual instinct.**

VAJDA, N. *Les fonctions de reproduction après roentgentherapie des glandes génitales. 51p. 8° Par., 1937.

Ancel, P., & Vintemberger, P. Sur le mécanisme de la polyspermie et de l'infécondabilité, déterminées par les solutions salines. C. rend. Soc. biol., 1935, 120: 898-901. — **Bank, O.** Der Einfluss hoher Temperatur auf die Gonade von *Helix pomatia*. Biol. gen., Wien, 1931, 7: 429-44, 2 pl. — **Benoit, J.** Maturité sexuelle et ponte obtenues chez la cane domestique par l'éclaircissement artificiel. C. rend. Soc. biol., 1935, 120: 905-8. — Rôle des yeux et de la voie nerveuse oculo-hypophysaire dans la gonadostimulation par la lumière artificielle chez le canard domestique. Ibid., 1938, 129: 231-4. — **Boucher, S., Boucher, M., & Fontaine, M.** Sur la maturation provoquée des organes génitaux de l'anguille. Ibid., 1934, 116: 1284-6. — **Bounoure, L.** Le déterminant germinal est-il bien en cause dans l'atrophie des gonades consécutive à l'action des rayons ultra-violet sur le pôle inférieur de l'oeuf de grenouille? Ibid., 1937, 125: 895-7. — La constitution des glandes génitales chez la grenouille rousse après destruction étendue de la lignée germinale par l'action des rayons ultraviolets sur l'oeuf. C. rend. Acad. sc., 1937, 204: 1957-9. — **Caffier, P.** Keimdrüsenbestrahlung und Erbschädigung als histologisches Problem. Arch. Gyn., Berl., 1933, 153: 252-75. — **Carmona, L.** Sull'innervazione del testicolo e dell'ovaia. Cult. med. mod., Pal., 1933, 12: 184-98. — **Clark, W. E. Le G., McKeown, T., & Zuckerman, S.** Visual pathways concerned in gonadal stimulation in ferrets. Proc. R. Soc., Lond., 1938-39, ser. B, 126: 449-68, 2 pl. — **Dantchakov, V.** Formation d'ébauches gonadiques stériles déterminées par des cellules germinales altérées ou mortes. C. rend. Soc. biol., 1933, 113: 874. — **Lacassagne, A.** Stérilisation par les rayons X de l'ébauche gonadique du poulet, ses effets sur le développement de la gonade. Ibid., 1932, 109: 1067-9. — **Eddy, M. W.** Recovery from immersion in water, an index of metabolism and the condition of the gonads in *Drosophila melanogaster* Meigen and *Poecilia japonica* Newm. J. Morph. Physiol., 1931, 51: 435-65. — **Essenberg, J. M., & Karrasch, R. J.** An experimental study of the effects of Roentgen rays on the gonads of the sexually mature domestic fowl. Radiology, 1940, 34: 358-65. — **Falin, L.** Beobachtungen über die Wirkung der Weiss- und Blaulichtbestrahlung auf die Geschlechtsdrüsen der weissen Ratten. Anat. Anz., 1929, 67: 113-30. — **Halpern, J. A.** [On the influence of conditions of life of the organism upon the testicles and ovaries] Russ. J. kohn. vener. bolez., 1910, 19: No. 2, 32-5. — **Ivanova, S. A.** [Seasonal changes of the sexual glands of animals, and the causative factors] Usp. sovrem. biol., 1936, 5: 1087-95. — **Karasawa, R.** Ueber den Einfluss der Gallensäuren auf den Eiweissstoffwechsel bei Keimdrüsen und über die Bedeutung der Choleinsäure. J. Biochem., Tokyo, 1926, 6: 139-59. — **Klein, H. V.** Ueber die Wirkungsweise abgestufter Keimdrüsen-schädigung. Wien. klin. Wschr., 1926, 39: 643-6. — **Kropp, B.** The crustacean chromatophore activator and the gonads of the rat. Proc. Nat. Acad. Sc. U. S., 1932, 18: 690. — **Le Gros Clark, W. E., McKeown, T., & Zuckerman, S.** Visual mechanisms in gonadal stimulation. J. Anat., Lond., 1937-38, 72: 152. — **Levine, W. T.** The effects of X-rays on the gonads of amphibian larvae. J. Exp. Zool., 1932, 62: 409-31. — **Loosanoff, V. L.** Seasonal gonadal changes of adult clams, *Venus mercenaria* (L.). Biol. Bull., 1937, 72: 406-16. — **Martius, H., & Krönig, F.** Meerschweinchenversuche zur Frage der Röntgenstrahlenwirkung auf die Keimdrüsen. Deut. med. Wschr., 1936, 62: 1049-51. — **Matthews, S. A.** The seasonal cycle in the gonads of *Fundulus*. Biol. Bull., 1938, 75: 66-74. — **Mori, Y.** Kastrationsversuche bei Cladoceren, die Entwicklung der sekundären Sexualcharaktere bei radiumbestrahlten Männchen von *Daphnia magna*. Zschr. wiss. Zool., 1933, 144: 289-316. — **Perry, J. C.** Influence of diet on gonad activity of English sparrow, *Passer domesticus* Linnaeus. Proc. Soc. Exp. Biol. N. Y., 1938, 38: 176-9. — **Poiarkov, E.** L'influence du jeûne sur le travail des glandes sexuelles du chien (communication préliminaire). C. rend. Soc. biol., 1913, 74: 141-3. — **Simon, R., & Benoit, J.** Recherches expérimentales sur les effets de l'irradiation chimique des glandes génitales. Bull. Soc. nat. chir., Par., 1932, 58: 616-25. — **Stieve, H.** Die Abhängigkeit der Keimdrüsen vom Zustand des Gesamtkörpers und von der Umgebung. Naturwissenschaften, 1927, 15: 951-63. —

Umweltbedingte, nicht durch Röntgenstrahlen verursachte Keimdrüsen-schädigungen. Strahlentherapie, 1930, 37: 491-510.

Endocrine relations.

See also **Gonadotropin; Pituitary; and names of other endocrine glands; also Sexual instinct.**

BORCHERT, F. *Der Einfluss der Hypophysenbestrahlung auf die Fortpflanzungstätigkeit weiblicher Meerschweinchen und auf das Verhalten ihrer Nachkommenschaft. 24p. 8° Münch., 1930.

SCHLEE, H. *Weitere systematische Untersuchungen der Hypophyse des Rindes; unter spezieller Berücksichtigung der Kastrations- und Trächtigkeitsveränderungen des Vorderlappens [Giessen] 45p. 8° Würzb., 1919.

Ancel, P. Les hormones génitales et le développement sexuel embryonnaire chez les vertébrés supérieurs. In Régul. hormon., Par., 1937, 357-66. — **Anterior pituitary and gonads.** J. Organother., 1935, 19: 71-4. — **Artemov, N. M.** Ueber die Wirkung der Hypophyse auf das Genitalsystem der Fische; Versuche an Weibchen von Bitterlingen. Bull. biol. méd. exp. URSS, 1936, 2: 25. — **Aschheim, S.** Gonades et régulations hypophysaires. Gynécologie, 1938, 37: 421-3. Also In Régul. hormon., Par., 1937, 337-48. — **Atwell, W. J.** An experimental analysis of certain pituitary-adrenal-gonad relationships. Endocrinology, 1932, 16: 639-46. — **Bellerby, C. W.** The relation of the anterior lobe of the pituitary to the reproductive organs. Lancet, Lond., 1928, 1: 1168. — **Belsky, N. V.** Sexual gland as factor of seasonal changes in hypophysis and thyroid. Bull. biol. méd. exp. URSS, 1938-39, 6: 699-702. — **Benjamin, H.** The pituitary as activator of the gonadal function, result of the latest researches of Steinach and Kun, Vienna. Med. J. & Rec., 1928, 128: 227-9. — **Berblinger, W.** Die Korrelationen zwischen Hypophyse und Keimdrüsen. Klin. Wschr., 1932, 11: 1329-31. — Die Beziehungen zwischen der Tätigkeit der Hypophyse und derjenigen der Keimdrüsen. Korb. Allg. ärztl. Verein. Thüringen, 1932, 61: 108-14. — Die Wechselbeziehungen zwischen Hypophyse und Keimdrüsen. Erg. Vitam. Hormonforsch., 1938, 1: 191-212. — **Björkenheim, E. A.** [Pituitary gland and the genital organs in woman] Fin. läk. säll. hand., 1933, 75: 109-25. — **Bocheński, K.** [Anterior lobe of the pituitary gland and genital apparatus of women] Polska gaz. lek., 1931, 10: 601-3. — **Brouha, L.** Rapports entre l'hypophyse et les organes génitaux de la femme (partie physiologique) Gyn. obst., Par., 1929, 20: 129-89. — La fonction sexuelle de l'hypophyse; contribution à l'étude du déterminisme hormonal des phénomènes sexuels. Arch. internat. physiol., Liège, 1930-31, 33: 1-59. Also Liège méd., 1930, 23: 861, 893. — Le lobe antérieur de l'hypophyse et les glandes génitales. Rev. méd., Louvain, 1931, 305; 327; 338. — Le système hypophyso-génital. Rev. belge sc. méd., 1934, 6: 410-4. — **Simonet, H.** Le système hypophyso-génital, régulation endocrinienne du fonctionnement des glandes génitales. Ann. méd., Par., 1931, 29: 305-35. — **Cahane, M., & Cahane, T.** Sur certaines modifications de l'hypophyse après lésion du centre infundibulaire régulateur de la fonction génitale. Rev. fr. endocr., 1935, 13: 366-71. — **Cardoso, D. M.** Relations entre l'hypophyse et les organes sexuels chez les poissons. C. rend. Soc. biol., 1934, 115: 1347-9. — **Castigli, G.** Ipofisi e ciclo sessuale nei selaci ovipari. Monit. zool. ital., 1937, 47: Suppl. 272. — **Charipper, H. A., & Haterius, H. O.** The histology of the anterior pituitary of the albino rat in relation to the oestrous cycle. Anat. Rec., 1932, 54: 15-27. — **Collip, J. B.** The interrelationship between the pituitary gland, the ovaries and the placenta. Tr. R. Soc. Canada, 1932, 3. ser., 26: 1-7. — **Corey, E. L.** Fetal and early postnatal responses of rat gonads to pituitary injections. Physiol. Zool., 1930, 3: 379-91. — **Dantchakov, V.** Sur les proliférations endocriniennes aux dépens de l'épithélium germinatif. C. rend. Acad. sc., 1935, 200: 1632-4. — **Dauid, F.** Glandulas sexuais e sistema endocrino. Rev. gastroenter. S. Paulo, 1939, 2: 151-81. — **Desclin, L., & Grégoire, C.** Etude de l'influence des gonades sur l'hypophyse transplantée chez le rat blanc. Bull. Acad. méd. Belgique, 1936, 6. ser., 1: 249-66. — **Deutch, J. I.** [Correlation between the anterior lobe of the pituitary gland, the thyroid gland and the glands of the sexual sphere in women] Vrach. delo, 1934, 16: 255-62. — **Domm, L. V.** Observations concerning anterior pituitary-gonadal interrelations in the fowl. Sympos. Quant. Biol. (Cold Spring Harbor) 1937, 5: 241-57. — **Ehrhardt, K.** Hypophysenvorderlappen und Genitale (tierexperimentelle Untersuchungen) Münch. med. Wschr., 1928, 75: 785. — **Eng, H.** Wirkung von Nebennierenrindenextrakt auf die Genitalien infantiler Tiere, zur Kenntnis des Wechselspiels zwischen Keimdrüsen und anderen endokrinen Organen. Zbl. Gyn., 1934, 58: 2846-8. — **Fevold, H. L., & Hisaw, F. L.** Interactions of gonad stimulating hormones in ovarian development. Am. J. Physiol., 1934, 109: 655-65. — **Gallien, L.** Inhibition du cycle sexuel et involution testiculaire, consécutives à l'hypophysectomie chez *Rana temporaria* L. C. rend. Soc. biol., 1938, 129: 1043-5. — **Hypophysectomie et cycle sexuel chez la grenouille rousse, Rana temporaria L. C. rend. Acad. sc., 1939, 208: 766. —**

- Recherches sur la physiologie hypophysaire dans ses relations avec les gonades et le cycle sexuel, chez la grenouille rousse, *Rana temporaria* L. Bull. biol. France, 1940, 74: 1-42, 4 pl.—**Gostimirov, D.** Hypophyse und Keimdrüse. Sitzber. Ges. Morph. München (1930-31) 1932, 40: 83-92.—**Haterius, H. O.** The relation of pregnancy cells in the pituitary of the rat to the reproductive cycle. Anat. Rec., 1932, 54: 343-53.—**Heller, H.** Ueber die Beziehungen zwischen der Hypophyse und dem weiblichen Genitaltrakt. Aertzt. Prax., Wien, 1933, 7: 9-12.—**Herre, W., & Rawiel, F.** Implantation zusätzlicher Hypophysen in Larven verschiedener Molcharten, die Wirkung auf die Geschlechtsorgane. Arch. Entwemch., 1939, 139: 86-109.—**Herzfeld, E.** Ueber Wechselbeziehungen von Hypophyse und Genitalorganen. Zschr. ärztl. Fortbild., 1927, 24: 253-5.—**Hill, M., & Parkes, A. S.** Studies on the hypophysectomized ferret; comparison of the reproductive organs during anoestrus and after hypophysectomy. Proc. R. Soc., Lond., 1933, ser. B., 113: 530-6.—**Hill, R. T.** Variation in the activity of the rabbit hypophysis during the reproductive cycle. J. Physiol., Lond., 1934-35, 83: 129-36.—**Hohlweg, W., & Dohrn, M.** Ueber die Beziehungen zwischen Hypophysenvorderlappen und Keimdrüsen. Klin. Wschr., 1932, 11: 233-5.—**Houssay, B. A.** Hipofisi y función sexual. Bol. Soc. obst. gin. B. Aires, 1930, 9: 271-92.—**Giusti, L.** Fonction sexuelle, hypophyse et hypothalamus chez le crapaud. C. rend. Soc. biol., 1930, 104: 1030.—**Houssay, B. A., & Lascano-Gonzalez, J. M.** Hypophyse et corps de Bidder. Ibid., 1931, 108: 131. Also Rev. Soc. argent. biol., 1931, 7: 248-53.—**Hunt, H. L.** Relation of the gonads to the other glands of internal secretion. Med. Times, N. Y., 1926, 54: 293-6.—**Jarlov, E.** [Sexual function of the pituitary body and its significance] Hospitals-tidende, 1933, 76: 577-87.—**Kallas, H.** Hyperfeminisation, lobe antérieur d'hypophyse et parabiose. C. rend. Soc. biol., 1929, 102: 621-3.—**Keller, A. D., & Hamilton, J. W., jr.** Normal sex functions following section of the hypophysal stalk in the dog. Am. J. Physiol., 1937, 119: 349.—**Kleinschmidt, A.** Der Einfluss der Hypophysektomie auf die Geschlechtsorgane des männlichen kleinen Teichmolches (*Triturus vulgaris* L.) Zschr. mikr. anat. Forsch., 1937, 41: 151-76.—**Kovács, F.** [Effect of the male gonad upon the female] Orv. hetil., 1927, 71: 87; 111.—**Kroc, R. L., & Breneman, W. R.** Response of chick testes and ovaries to rat pituitary implants. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 381-3.—**Lacassagne, A., & Nyka, W.** Modifications de l'appareil genital du lapin mâle secondairement à la destruction totale ou partielle de l'hypophyse par le radon. C. rend. Soc. biol., 1935, 118: 5-8.—**Leonard, S. L.** Hypophysis-thyroid-gonad relationship. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 599.—**Liebesny, P.** Untersuchungen über die Beziehungen zwischen Keimdrüsen und Hypophyse und therapeutisch-experimenteller Nachweis der zentralen Regulierung der Keimdrüsen beim Menschen. Klin. Wschr., 1927, 6: 52-7.—**Lipschütz, A.** Hypophysenvorderlappen und sexuelle Dynamik. In Festschr. Emil Bürgi, Basel, 1932, 214-25.—**Paez, R.** Etude expérimentale sur les relations entre les corps adipeux des glandes sexuelles et l'hypophyse. C. rend. Soc. biol., 1928, 99: 693.—**Lipschütz, A., & Villagran, G.** Neutralisation de la préhypophyse par castration, chez le rat. Ibid., 1936, 121: 203-5.—**Maes, J.** Hypophysectomie et comportement sexuel de la chatte. Ibid., 1940, 133: 92-4.—**Martins, T.** Researches on the physiology of the anterior hypophysis and sexual glands. Mem. Inst. Oswaldo Cruz, 1929, Suppl., 233; 242, 4 pl.—**Estudos sobre gonadas e hypophyse.** Mem. Inst. Butantan, 1933-34, 8: 347-51.—**Mello, R. F. de.** Estudos sobre gonadas e hypophyse; sobre os resultados da parabiose de ratos fêmeas com ratos castrados e hypophysectomizados. Ibid., 353-5.—**Relative percentage of cell types present in the anterior hypophysis of normal and cryptorchid rats.** Rev. biol., S. Paulo, 1934, 5: 80-5, 2 pl.—**Martins, T., & Roha, A.** Influence de la castration, des greffes et des implantations de gonades sur le lobe antérieur de l'hypophyse. C. rend. Soc. biol., 1930, 105: 793.—**Matthews, S. A.** The relationship between the pituitary gland and the gonads in Fundulus. Biol. Bull., 1939, 76: 241-50.—**May, R. M.** Fonctionnement sexuel normal et durable obtenu grace à la greffe préhypophysaire de l'hypophyse chez des ratos hypophysectomisés. C. rend. Soc. biol., 1937, 124: 920-3.—**Migliavacca, A.** Ricerche sulla modalità di influenzamento e di regolazione ormonica fra l'ipofisi e le ghiandole sessuali. Arch. Entwemch., 1936, 134: 653-93.—**Moore, C. R., & Price, D.** Gonad hormone functions, and the reciprocal influence between gonads and hypophysis with its bearing on the problem of sex hormone antagonism. Am. J. Anat., 1932, 50: 13-71.—**Morhardt, P. E.** Les hormones préhypophysaires et la physiologie génitale. Gyn. obst., Par., 1930, 22: 335-47.—**Moricard, R.** Troubles trophiques génitaux secondaires à l'hypophysectomie chez la femme. Bull. Soc. obst. gyn. Paris, 1936, 25: 777.—**Murillo Queiroz de Barros.** Notas sobre as correlações hypofisico-gonadas. Rev. gyn. obst., Rio, 1938, 32: 225-31.—**Nakamura, K.** Experimentelle Beiträge zur Kenntnis der Hypophysenfunktion. Fukuoka ikwadaigaku zasshi, 1931, 24: 18.—**Nelson, W. O.** Concerning the anterior pituitary-gonadal interrelations. Endocrinology, 1935, 19: 187-98.—**Gallagher, T. F.** The effect of male hormone preparations upon the anterior hypophyses of gonadectomized male and female rats. Anat. Rec., 1935-36, 64: 129-42, 2 pl.—**Norsa, G.** Rapporti tra l'ipofisi, e surrenali e le gonadi. Gazz. osp., 1934, 55: 1537-40.—**Novelli, A.** Action sexuelle du lobe antérieur de l'hypophyse chez le crapaud femelle. C. rend. Soc. biol., 1932, 111: 474.—**Rôle de la castration sur l'action sexuelle de l'hypophyse du crapaud.** Ibid., 476.—**Pagliani, F.** Il comportamento delle ghiandole sessuali dopo ipofisectomia. Ann. ital. chir., 1937, 16: 587-94.—**Pfeiffer, C. A.** Sexual differences of the hypophyses and their determination by the gonads. Am. J. Anat., 1936, 58: 195-225, 2 pl.—**Alterations in the percentage of cell types in the hypophysis by gonad transplantation in the rat.** Endocrinology, 1937, 21: 812-20.—**Pighini, G.** Contributo sperimentale allo studio delle correlazioni fra ipofisi, tiroide, testicoli. Endocr. pat. cost., Bologna, 1934, 9: 230-42.—**Podljaschuk, L. D.** Experimentelle Untersuchungen über die Beziehungen zwischen Hypophyse und anderen innersekretorischen Drüsen; zur Frage über die gegenseitigen Beziehungen zwischen Hypophyse und Genitalapparat. Strahlentherapie, 1926-27, 24: 439; 1928, 30: 65.—**Probstner, A.** [Effect of anterior lobe of pituitary gland on sexual functions] Orv. hetil., 1929, 73: 1257-60.—**Puckett, W. O.** Some reactions of the gonads of *Rana catesbeiana* tadpoles to injections of mammalian hormonal substances. J. Exp. Zool., 1939, 81: 43-60, 3 pl.—**Revoltella, G.** Correlazioni funzionali tra ormoni del lobo anteriore dell'ipofisi e apparato genitale. Clin. ostet., 1931, 33: 593; 675.—**Schenk, F.** Keimdrüse und Hypophyse. Arch. Gyn., Berl., 1925, 125: 575-9 [Discussion] 586-90.—**Schenk, F.** Ueber die Veränderungen der Rattenhypophyse nach operativer und Röntgenkastration. Zschr. Geburtsh. Gyn., 1927, 91: 483-98.—**Schultze-Rhönhof, F., & Niedenthal, R.** Experimentelle Untersuchungen über die Beziehungen zwischen dem Hypophysenvorderlappen und dem Genitale. Zbl. Gyn., 1928, 52: 1892-5.—**Seitz, L.** Keimdrüse und hormonales Geschlechtssystem. Münch. med. Wschr., 1936, 83: 997-1000.—**Siciliani, G.** Ricerche sperimentali sulle influenze esercitate dalla preipofisi sulle ghiandole genitali e particolarmente sulla mammella. Fol. med., Nap., 1929, 15: 861-79.—**Silvestroni, E.** Ricerche istologiche sopra le correlazioni fra ipofisi, surrene, gonadi e tiroide. Arch. ist. biolchim. ital., 1939, 11: 71-106.—**Smith, P. E., & Engle, E. T.** Experimental evidence regarding the role of the anterior pituitary in the development and regulation of the genital system. Am. J. Anat., 1927, 40: 159-217.—**Steinach, E., & Kun, H.** Die entwicklungsmechanische Bedeutung der Hypophysis als Aktivator der Keimdrüseninkretion. Med. Klin., Berl., 1928, 24: 524-9.—**Tanioka, T.** The effect of the hypertension and hypotension of maternal hypophysis on the genital gland of the female fetus. Jap. J. Obst., 1936, 19: 531; 541.—**Victor, J., & Anderson, D. H.** The effects of oestrus and spaying on pituitary metabolism. Am. J. Physiol., 1936, 115: 130-7.—**Vivien, J. H.** Quelques résultats expérimentaux concernant les relations hypophysogénitales chez un sélicien. C. rend. Acad. sc., 1940, 210: 230.—**Relations hypophysogénitales chez quelques téléostéens et séliciens.** C. rend. Soc. biol., 1939, 131: 1222-4.—**Wells, L. J., & Gomez, E. T.** Hypophysectomy and its effects on male reproductive organs in a wild mammal with annual rut (Citellus). Anat. Rec., 1937, 69: 213-27.—**Werner, A. A.** Anterior pituitary-gonad relationship in the female, with clinical application. J. Lancet, 1938, 58: 280-2. Also Mississippi Valley M. J., 1939, 61: 163-6. Also repr.—**Westman, A.** [Investigations on the significance of the pituitary-midbrain system in sexual functions] Hospitals-tidende, 1938, 81: [Foren. gyn. obst. forh.] 8-13.—**Jacobsohn, D.** Ueber Ovarialveränderungen beim Kaninchen nach Hypophysektomie. Acta obst. gyn. scand., 1936, 16: 483-508.—**Endokrinologische Untersuchungen an Ratten mit durchtrenntem Hypophysensstiel; Hypophysenveränderungen nach Kastration und nach Oestrinbehandlung.** Ibid., 1938, 18: 99-108.—**Acta path. microb. scand., 1938, 15: 301-6.**—**Wiesner, B. P., & Sheard, N. M.** Sex behaviour of hypophysectomized male rats. Nature, Lond., 1933, 132: 641.—**Wodon, J. L.** L'hypophyse et les organes génitaux femelles. Ann. Soc. sc. méd. natur. Bruxelles, 1929, 273-8. Also Gyn. obst., Par., 1929, 20: 190-222.—**Woronzowa, M. A., & Blacher, L. J.** Die Hypophyse und die Geschlechtsdrüsen der Amphibien; der Einfluss der Hypophysenexstirpation auf die Geschlechtsdrüse bei Urodela. Arch. Entwemch., 1930, 121: 327-44.—**Zawadovsky, B. M.** Zur Frage der Wechselbeziehungen zwischen Schilddrüse und Geschlechtsdrüsen bei Hühnern. Ibid., 1927, 110: 149-82.—**Zondek, B.** The relation of the anterior lobe of the hypophysis to genital function. Tr. Am. Gyn. Soc., 1933, 57: 234-41. Also Am. J. Obst., 1932, 24: 836-43.

Examination.

Berger, M. L'esame delle ghiandole genetiche mediante la genocutirazione del Ceni nelle diverse dermatosi. Neopsichiatra, Pisa, 1938, 4: 121-41.—**Ceni, C.** Ueber eine genetische Hautreaktion. Zschr. Sexwiss., 1929-30, 16: 369-85.—**La genocutirazione e il suo valore pratico clinico e medico legale.** Zschia, 1938, 2. ser., 2: 189-93.—**Jedlowski, P.** Ulteriori osservazioni sul comportamento della genocutirazione nei giovani. Arch. gen. neur., Teramo, 1931, 12: 41-5.—**Klose, H.** Methodik der Exstirpation und Verpflanzung der Keimdrüsen und der Untersuchung der Wirkungen der Pubertätsdrüsen beim Säugetier. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, 5: T. 3, B. 1. Hälfte, 51-90.—**Patsuk, V. V., & Senkevich, E. M.** [Investigation of the adaptation of the eye as a method in determining deficiency of the sexual glands] Klin. med., Moskva, 1937, 15: 1141-5.—**Tschachotin, S.** Transport von Sexualprodukten von Seeigeln in überlebendem Zustand für experimentelle Zwecke. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, Abt. 5. T. 10, 4: 959-72.

Hormones.

See also **Corpus luteum; Estrogen; Ovary; Rejuvenation; Testis; also Sterilization.**

Andres, J. Die Bedeutung der Keimdrüsenhormone für die Tiermedizin. Schweiz. Arch. Tierh., 1935, 77: 293-306.—**Ceni, C.** Proprietà biologiche e terapeutiche delle ghiandole germinative dei vertebrati inferiori: reazioni genetiche e reazioni antimaterne (nota preventiva). Endocr. pat. cost., Bologna, 1928, n. ser., 3: 3-10.—**Gayet, R.** Sur la sensibilité des glandes génitales à la lumière extérieure et à ses variations saisonnières. Rev. prat. biol. appl., Par., 1939, 32: 65-73.—**Jacobsen, V. C.** The effects of high voltage cathode rays on the germinal epithelium of the rat. Arch. Path., Chic., 1930, 9: 967-83.—**Lipschütz, A.** Spezielle operative Methoden zur Untersuchung der inneren Sekretion der Geschlechtsdrüsen bei Wirbeltieren. In Handb. biol. Arbeitsmeth. (Aberhalden, E.) Berl., 1938, 5: T. 3 B. 1. Hälfte, 357-496.—**Martino, G.** Effetti dell'innazione acuta e cronica sulle funzioni del testicolo e dell'ovario. Arch. sc. biol., Nap., 1926-27, 9: 339-53.—**Meinert, A.** Il concetto della funzione interna delle ghiandole genitali in Orisbio. Minerva med., Tor., 1925, 5: 1042-5.—
Le correlazioni fra ghiandole genitali ed organismo nelle opere di Ippocrate, Aristotele e Galeno; Galeno, per primo, chiaramente conosce la funzione interna di dette ghiandole. Ibid., 1927, 7: 93-100.—**Péard, A.** La mesure des caractères en endocrinologie sexuelle; la théorie dite de l'interstitielle. C. rend. Soc. biol., 1927, 97: 620-3.—**Reiprich, W.** Der inkretorische Einfluss der männlichen Geschlechtsdrüse auf Empfängnis und Schwangerschaft, zugleich ein Beitrag zur Frage des Antagonismus der Gonaden. Med. Klin., Berl., 1928, 24: 728-32.—**Scherstén, B.** Ueber das Vorkommen der Zitronensäure in Geschlechtsdrüsensekreten. Skand. Arch. Physiol., Berl., 1929, 58: 90-4.—**Tandler, J.** Ueber den Einfluss der innersekretorischen Anteile der Geschlechtsdrüsen auf die äussere Erscheinung des Menschen. Wien. klin. Wschr., 1910, 23: 559-67.

Physiology.

See also **Climacteric; Menstruation; Puberty; Sex, &c.**; also under such headings as **Blood sugar, Regulation; Gonads, &c.**

ZUCKER, R. *Die Ausbildung der Geschlechtscharaktere und ihre Beziehung zu den Keimdrüsen; literarischer Beitrag mit vorwiegender Berücksichtigung seit 1920 erschienener Arbeiten [Freiburg] 85p. 8° [Lpz.] 1925.

Bacq, Z. M. Contribution à l'étude de l'influence des glandes sexuelles sur le métabolisme. Ann. physiol., Par., 1929, 5: 659-709.—**Brannan, D.** The sympathico-testicular cells of the ovary and testis. Am. J. Path., 1927, 3: 343-53, 5 pl.—**Centanni, G.** Stato attuale della questione sulla influenza delle ghiandole genitali sopra il tumore, con contributo sperimentale. Minerva med., Tor., 1930, 21: 5-10.—**Champy, C.** A propos du minimum efficace dans l'action morphogène des glandes génitales. C. rend. Soc. biol., 1925, 93: 327-9.—
Influencia de las glándulas genitales sobre el desarrollo. Siglo méd., 1927, 74: pt 2, 498-500.—
Action des glandes génitales sur le plumage des oiseaux. C. rend. Soc. biol., 1935, 118: 326-8.—
L'action inhibitrice des glandes génitales et ses modalités. In Régul. hormon., Par., 1937, 349-56.—
Coro, A. J. La glándula sexual en el determinismo de los caracteres sexuales secundarios. Rev. méd. cubana, 1926, 37: 845-7.—**Dantchakov, V.** L'organisation et la viabilité du soma conditionnées, chez les vertébrés supérieurs, par le germen. C. rend. Soc. biol., 1933, 113: 975.—**Didry, J.** Recherches expérimentales sur les rapports de la cholestérinémie avec l'activité des glandes génitales. Ibid., 114 1080.—
Dubois, A. M. Action des glandes génitales sur les corps adipolymphoïdes des batraciens. Ibid., 1927, 97: 543.—
Eliot, T. S. The influence of the gonads on the plumage of Sebright bantams. Physiol. Zool., 1928, 1: 286-324, 7 pl.—
Fraenkel, L. La función de las glándulas genitales y su puesto en el sistema endocrino. Rev. méd. germ. ibero-amer., 1934, 7: 41-51.—**Gelderen, C. van** [Mutual influence of the sex glands and the organism as a whole] Ned. tscr. geneesk., 1927, 71: 245-54.—**Gley, E.** La question des rapports entre le système nerveux et les glandes sexuelles. Rev. sc., Par., 1927, 65: 289-93. Also Verh. Internat. Kongr. Sexforsch., 1927, 1. Kongr., 98-104.—**Greenwood, A. W., & Crew, F. A. E.** On the quantitative relation of comb size and gonadic activity in the fowl. Proc. R. Soc. Edinburgh, 1926-27, 47: 190-7.—
Studies on the relation of gonadic structure to plumage characterisation in the domestic fowl; the developmental capon and poularde. Proc. R. Soc. M., Lond., 1927, ser. B, 101: 450-62, pl.—**Hunt, H. L.** The glands of internal secretion; physiology of the gonads. Med. Times, N. Y., 1926, 54: 241; 257.—**Juhn, M., & Domm, L. V.** The relation of gonadal condition to erythrocyte number in fowls. Am. J. Physiol., 1930, 94: 656-61.—**Kahn, P., & Smith, N.** Creatine metabolism and the gonads. Arch. Dis. Childh., Lond., 1936, 11: 307-10.—**Kauders, O.** Keimdrüse, Sexualität und Zentralnervensystem. Abh. Neur. Psychiat., 1928, H. 44, 1-194.—
Klein, H. V. Unterschiede in der Widerstandskraft der weiblichen und männlichen Keimdrüse. Virchows Arch., 1927, 266: 357-91.—**Kopéc, S.** Nochmals über die Unabhängigkeit der

Ausbildung sekundärer Geschlechtscharaktere von den Gonaden bei Lepidopteren (Fühlerregenerationsversuche mit Kastration und Keimdrüsen transplantation kombiniert) Zool. Anz., 1913, 34: 65-74. — Experiments on the dependence of the nuptial hue on the gonads in fish. Biol. gen., Wien, 1927, 3: 259-80, pl.—**Korenchevsky, V.** The sexual glands and metabolism. Brit. J. Exp. Path., 1925-26, 6: 21; 74; 158.—
Lieben, A. Zur Objektivierung der Keimdrüsenfunktion. Wien. klin. Wschr., 1926, 39: 1159-61.—**Michalowsky, I.** Die Geschlechtsdrüse und die sekundären Geschlechtsmerkmale beim Hahn. Anat. Anz., 1927, 64: 144-63.—**Moore, C. R.** Properties of the gonads as controllers of somatic and physical characteristics. Am. J. Anat., 1924, 33: 269; 317; 337; 1928, 50: 455.—**Oordt, G. J. van.** Die hormonalen Beziehungen zwischen Gonade und sekundären Geschlechtsmerkmalen, insbesondere der Sporenentwicklung beim Truthahn. Verh. Deut. zool. Ges., 1931, 34: 322. — Studien über die Gonaden übersommernder Vögel; das Verhältnis zwischen dem mikroskopischen Bau der Gonaden übersommernder Schnepfenvögel (*Calidris canutus*, *Calidris alpina* und *Arenaria interpres*) und dem Federkleid. Zschr. mikr. anat. Forsch., 1931, 25: 539-60.—**Péard, A.** Remarques concernant l'endocrinologie sexuelle et la loi dite du tout ou rien. C. rend. Soc. biol., 1927, 97: 442-4. — **Caridroit.** Le classement des seuils différentiels du plumage chez la poule domestique. Ibid., 96: 1372-5.—**Poll.** Fisiologia de las glándulas sexuales. Arch. med., Madr., 1927, 27: 10-3.—**Ptaszek, L., & Malczyński, S.** [Effect of sexual glands on metabolism during rest] Polska gaz. lek., 1929, 8: 901-3.—**Stockard, C. R.** The gonads and sex physiology. Tr. Congr. Am. Physicians (1925) 1926, 13: 22-30. Also Cornell Univ. Stud. Anat., 1925-26, 11: repr. 2.—
Stolte, H. A. Gestaltung, Zeichnung und Organabbau unter dem Einfluss normaler und alternder Gonaden bei Polyophthalmus pietus Duj. (Polychaeta) Zschr. wiss. Zool., 1937, 150: 107-54.—**Voss, H. E.** Zur Frage der extrahormonalen Beziehungen zwischen Gonaden und sekundären Geschlechtsmerkmalen. Arch. Entwemch., 1930, 122: 584-92.—**Weisner, B. P.** Zur Keimdrüsenfunktion des Kindesalters. Verh. Internat. Kongr. Sexforsch., 1927, 1. Kongr., 2: 229-34.—**Zachert, H.** Die Funktion der Keimdrüsen im Lichte der Parabiologieforschung. Krankheitsforschung, 1928, 6: 174-94.

Transplantation.

See also **Gynandrisms; Hermaphroditism; Rejuvenation; Sex reversal.**

Aron, M. Sur l'évolution des glandes génitales de jeunes urodèles transplantés chez des adultes de même espèce; notion des conditions internes limitatives du développement des cellules sexuelles. C. rend. Acad. sc., 1925, 181: 739-41.—
Burns, R. K., jr. The transplantation of larval gonads in urodele amphibians. Anat. Rec., 1928, 39: 177-91.—**Caridroit, F.** Etude histologique de la transplantation testiculaire et ovarienne chez les gallinacés. Bull. biol. France, 1926, 60: 135-312.—**Dantchakov, V., & Tournon, G.** Le problème du repeuplement germinatif des gonades greffées. C. rend. Soc. biol., 1935, 118: 432-5. — Comportement d'ébauches gonadiques stérilisées précocement et greffées aussitôt après leur stérilisation sur un embryon non irradié. Ibid., 435-8.—
Dartigues, L. Sur la technique des greffes sexuelles. Paris chir., 1926, 18: 208. — De la greffe homogène à la greffe hétérogène par antihumanisation. Monde méd., 1934, 44: 991-6.—**Echemendia, J. D.** Sustitución del injerto homeógeno por el heterógeno antihumanizado. Rev. méd. Rosario, 1936, 10: No. 92, 12-9. Also Rev. med. cir. Habana, 1936, 41: 190-9.—**Falkenheim, C., & Kirsch, W.** Ein experimenteller Beitrag zur Frage der Keimdrüsenüberpflanzung nach Voronoff. Deut. med. Wschr., 1928, 54: 1841.—**Frei, W.** Keimdrüsenüberpflanzung bei Haustieren. Verh. Internat. Kongr. Sexforsch., 1927, 1. Kongr., 1: 92-7.—**Greenwood, A. W.** Studies on the relation of gonadic structure to plumage characterisation in the domestic fowl; gonad cross-transplantation in Leghorn and Campine. Proc. R. Soc., Lond., 1928, ser. B, 103: 73-81.—
Greenwood, A. W., & Crew, F. A. E. Studies on the relation of gonadic structure to plumage characterisation in the domestic fowl; henny-feathering in an ovariectomised hen with active testis grafts. Ibid., 1926-27, ser. B, 99: 232-41, 2 pl.—**Grüter, F.** Weitere Versuche von Geschlechtsdrüsenverpflanzungen und Anwendung anderer Methoden zur Anregung der innersekretorischen Tätigkeit der Pubertätsdrüse. Deut. tierärztl. Wschr., 1926, 34: 421-3. — Keimdrüsenüberpflanzung auf junge Rinder. Verh. Internat. Kongr. Sexforsch., 1927, 1. Kongr., 1: 105-12.—**Guyénol, E.** Les greffes de glandes génitales en médecine et en biologie. Rev. méd. Suisse rom., 1930, 50: 193-206.—**Hadorn, E.** Transplantation of gonads from lethal to normal larvae in *Drosophila melanogaster*. Proc. Soc. Exp. Biol., N. Y., 1937, 36: 632-4.—**Koch, W.** Die Bedeutung der Keimdrüsen transplantation nach Voronoff bei Tieren. Münch. tierärztl. Wschr., 1930, 81: 161-3.—**Kucera, C.** Influence de la greffe de glandes sexuelles mâles sur le développement et la croissance de la lapine du mouton. C. rend. Soc. biol., 1929, 102: 394-7.—**Latis Bey.** Greffes ovariennes et greffes testiculaires. C. rend. Congr. internat. méd. trop., 1928, 1. Congr., 3: 603-12. Also Bruxelles méd., 1928-29, 9: 447-53.—**Lichtenstern, R.** Welche Erfolge hat die Transplantation der Keimdrüsen? Wien. klin. Wschr., 1930, 43: 180.—**Magistris, H.** Investigaciones sobre la esterilización antihormonal de animales femeninos; la implantación de glándulas sexuales masculinas. Rev. Soc. argent. biol., 1934,

- 10: 179-86.—**Mannelli, M.** L'importanza della terapia endocrina sull'attaccamento dei trapianti genitali. *Rass. clin. ter.*, 1926, 25: 25-39.—**Miller, F. W., Graves, R. R., & Creech, G. T.** Results of transplanting gonadal tissue in dairy cows and bulls. *J. Agr. Res.*, 1934, 49: 259-78.—**Moore, C. R.** The relation of the scrotum to germ cell differentiation in gonad grafts in the guinea pig. *Am. Natur.*, 1926, 60: 324-39.—**Morselli, E.** Gli innesti ghiandolari. *Illust. med. ital.*, 1924, 6: 81-7.—**Muchina, M.** Klinische Beobachtungen über die Transplantation der Geschlechtsdrüsen beim Menschen. *Zschr. urol. Chir.*, 1930, 29: 1-11.—**Oordt, G. J. van, & Maas, C. J. J. van.** Castration and implantation of gonads in *Xiphophorus helleri* Heckel (secl. sc.). (preliminary note) *Proc. Akad. wet. Amsterdam*, 1926, 29: pt 2, 1172-5. Also *Versl. Akad. wet. Amsterdam*, 1926, 35: pt 2, 935-38.—**Raisits, E.** Ueber Ovariumtransplantation bei einem Mufflonweibchen und über Transplantation der männlichen Geschlechtsdrüse bei einem Negermakiaffen. *Mischr. ungar. Med.*, 1927, 1: 11-14.—**Roxas, H. A.** Gonad cross-transplantation in Sebright and Leghorn fowls. *Proc. Soc. Exp. Biol., N. Y.*, 1925-26, 23: 78-93. Also *J. Exp. Zool.*, 1926, 46: 63-113, 3 pl.—**Ruis, F.** Mitteilungen über die Implantation von Ovarien beziehungsweise Testikeln bei Schweinen. *Prag. Arch. Tiermed.*, 1933, 13: 37-41.—**Runge, S.** Essais de transplantation des glandes sexuelles chez les animaux domestiques. *C. rend. Soc. biol.*, 1926, 94: 1210-2.—**Sabino, L.** Le bilan des greffes sexuelles; quelques résultats de la greffe en pathologie endocrinienne. *Gynécologie, Par.*, 1934, 33: 451.—**Schustrov, N. M., & Vasiliev, G. A.** [Reaction of fixation of complement (Bordet-Gengou) in genital gland transplantation] *Mosk. med. J.*, 1926, 6: No. 4, 3-11.—**Stocker-Dreyer, S.** Erfahrungen mit der Keimdrüsenüberpflanzung bei Menschen. *Verh. Internat. Kongr. Sexforsch.*, 1927, 1. Kongr., 2: 207-11.—**Thorek, M.** Facts and fallacies in sex gland transplantation. *Tristate M. J.*, 1933, 6: 1206-11.—**Voronov, S.** Greffes des glandes endocrines du singe à l'homme. *Bull. Soc. philomat. Paris*, 1924, 10, ser., 13: 12-21, 10 pl. — Résultats des greffes sur le troupeau des moutons du gouvernement général d'Algérie. *C. rend. Acad. sc.*, 1927, 185: 480-2. Die histologische Entwicklung und die physiologischen Folgeerscheinungen der Drüsen-Verpflanzung. *Deut. Aerzte Ztg.*, 1932, 7: No. 311, 1. — Betrachtungen über die histologische und physiologische Entwicklung der Drüsentransplantate. *Berl. tierärztl. Wschr.*, 1934, 50: 610-3.—**Welti, E.** Masculinisation et féminisation de crapauds par greffe de glandes génitales hétérologues. *C. rend. Soc. biol.*, 1925, 93: 1490-2.—**Willier, B. H.** The behavior of embryonic chick gonads when transplanted to embryonic chick hosts. *Proc. Soc. Exp. Biol., N. Y.*, 1925-26, 23: 26-30. — The specificity of sex, of organization, and of differentiation of embryonic chick gonads as shown by grafting experiments. *J. Exp. Zool.*, 1926-27, 46: 409-44, 11 pl. — **Yuh, E. C.** The problem of sex differentiation in the chick embryo with reference to the effects of gonad and non-gonad grafts. *Ibid.*, 1928-29, 52: 65-117, 3 pl.
- cancer, 1927, 16: 247-56.—**Trnka, P.** [Chevassu's seminoma] *Cas. lék. česk.*, 1932, 71: 291-3.—**Věšin, S.** [Sensitivity to radium and radiotherapy of seminomas and their metastases] *Ibid.*, 1933, 72: 1313-7.—**Webster, J. H. D.** Ovarian and testicular cancers: their response to X-ray treatment (70 cases) *Practitioner, Lond.*, 1931, 126: 636-43.—**Willis, R. A.** An experimental study of the possible influence of injury in the genesis of tumours of the gonads. *Brit. J. Exp. Pathol.*, 1934, 15: 234-6.

— in animals.

- Coe, W. R., & Turner, H. J., jr.** Development of the gonads and gametes in the soft-shell clam (*Mya arenaria*) *J. Morphol.*, 1938, 62: 91-111.—**Courrier, R.** Notes d'endocrinologie sexuelle chez le singe d'Algérie. *Bruxelles méd.*, 1934-35, 15: Suppl. 55.—**Dantchakov, V.** Sur les facteurs déterminant l'emplacement des gonades chez le poulet. *C. rend. Acad. sc.*, 1935, 200: 1495-7. — Sur l'équivalence des tissus somatiques dans les gonades du poulet. *Ibid.*, 1792-5. — Sur le mécanisme de la réalisation sexuelle chez la drosophile. *Ibid.*, 1936, 123: 752-4.—**Föyn, B.** Studien über Geschlecht und Geschlechtszellen bei Hydroiden; Auspressungsversuche an *Clava squamata* (Müller) mit Mischung von Zellen aus Polypen desselben oder verschiedenen Geschlechts. *Arch. Entwemch.*, 1927, 110: 89-148.—**Forbes, T. R.** Studies on the reproductive system of the alligator; observations on the development of the gonad, the adrenal cortex, and the Müllerian duct. *Contr. Embryol. Carnegie Inst.*, 1939, 28: 129-55, 4 pl.—**Guyénot, E., & Ponce, K.** Questions théoriques soulevées par le cas de l'organe de Bidder du crapaud. *C. rend. Soc. biol.*, 1927, 96: 835-7.—**Laporta, M.** Le gonadi nei ratti in parabiosi eterosessuale. *Arch. sc. biol.*, Bologna, 1936, 22: 95-122.—**Loosano, V. L.** Development of the primary gonad and sexual phases in *Venus mercenaria* Linnaeus. *Biol. Bull.*, 1937, 72: 389-405.—**Mazzocco, P.** Variaciones estacionales del peso y composición química del ovario y testículos del sapo *Bufo arenarum* Hensel. *Rev. Soc. argent. biol.*, 1940, 16: 35-43.—**Mombaerts, J.** Recherches expérimentales sur les glandes sexuelles annexes C et c du hérisson, *Erinaceus europaeus* L. *C. rend. Soc. biol.*, 1939, 131: 791-4.—**Nonidez, J. F.** Studies on the gonads of the fowl. *Am. J. Anat.*, 1924, 33: 359; 393.—**Ponce, K., & Guyénot, E.** Les hypothèses concernant la signification de l'organe de Bidder du crapaud. *C. rend. Soc. biol.*, 1927, 96: 777.—**Stohler, R.** Cytologische Untersuchungen an den Keimdrüsen mitteleuropäischer Kröten (*Bufo viridis* Laur., *Bufo calamita* Laur., *Bufo vulgaris* Laur.). *Zschr. Zellforsch.*, 1928, 7: 400-75, 6 pl.—**Stott, F. C.** The spawning of *Echinus esculentus* and some changes in gonad composition. *J. Exp. Biol.*, 1931, 8: 133-50.—**Takasima, R., & Egawa, N.** Eine vergleichende-embryologische Untersuchung über die indifferenten Keimdrüsen bei den in Süd-Korea spezifischen *Cacopoides tornieri* (eine Art von *Anura*) *Okajimas fol. anat.*, 1937, 15: 229-49.—**Wilson, L. P.** Histology of the gonad wall of *Arbacia punctulata*. *J. Morphol.*, 1940, 66: 463-79, 3 pl.—**Witschi, E.** Die Amphisexualität der embryonalen Keimdrüsen des Hausperlings, *Passer domesticus* (Linnaeus) *Biol. Zbl.*, 1935, 55: 168-74.

— Tumor.

See also Chorioma.

GILLIARD, A. *Contribution à la radiothérapie des séminomes. 23p. 8°. Lausanne, 1935.

- Bang, F.** Endocrine tumors of testis and ovary. *Acta path. microb. scand.*, 1938, Suppl. 38, 91-111.—**Béclère, A.** Le séminome du testicule et le séminome de l'ovaire. *Presse méd.*, 1934, 42: 1513-6.—**Casariago, A. G., & Gálvez Fermin, N.** Seminoma pelvico-abdominal. *Bol. Liga cáncer, Habana*, 1934, 9: 381-6.—**Deitermann, J. H.** Zur Kenntnis des Seminoms, seines Wesens und seines Krankheitsverlaufs. *Frankf. Zschr. Path.*, 1936-37, 50: 231-51.—**Champy, C., & Lavedan, J.** Séminomes par régénération chez les oiseaux. *C. rend. Soc. biol.*, 1938, 127: 1197-9.—**Cocu, C.** Deux cas exceptionnels de séminomes chez le chien. *Bull. Acad. vét. France*, 1938, 11: 114-21.—**Fauvet, E.** Ueber das grosszellige solide Karzinom der Keimdrüsen. *Zbl. Gyn.*, 1934, 58: 2162-70.—**Fischer, F.** Zur Frage der posttraumatischen Entstehung des Seminoms. *Mischr. Krebsbekämpf.*, 1939, 7: 289-93.—**Franco, E. E.** Il cosiddetto seminoma e la sua istogenesi. *Rass. clin. sc.*, 1936, 14: 333-41.—**Gentil, F.** Sur seize cas de séminome(?) du testicule et de l'ovaire. *Arch. ital. chir.*, 1936, 42: 501-47.—**Giordano, G.** Considerazioni sulla Roentgentherapie dei seminomi. *Bull. sc. med.*, Bologna, 1935, 107: 85-132.—**Gouin, P.** A propos du traitement actuel des séminomes. *Rev. méd.*, Par., 1938, 55: 62-71.—**Hansen, R.** Disgerminom und Tuberkulose. *Zbl. Gyn.*, 1939, 63: 885-9.—**Harris, R. H.** Wolffian cysts in men and women arising in relation to testis and ovary. *Tr. West. Surg. Ass.* (1925) 1926, 35: 283-301.—**Innes, J. R. M., Harvey, W. F., & Dawson, E. K.** Debatable tumours in human and animal pathology: seminoma. *Edinburgh M. J.*, 1938, 45: 36-42, 3 pl.—**Joly, M.** Rapports de la chirurgie et de la radiothérapie dans le traitement du séminome. *Paris méd.*, 1932, 83: 121-4.—**Keijser, S.** [Roentgen treatment of seminoma of testicle and ovary] *Ned. tschr. geneesk.*, 1930, 74: pt 2, 5566-71, 2 pl.—**La Manna, S.** Istogenesi e natura dei cosiddetti seminomi. *Tumori, Milano*, 1939, 25: 269-95, 3 pl.—**Mathias, E.** Bericht über ein operativ entferntes Arrhenoblastom mit späterer Schwangerschaft; gleichzeitig ein Beitrag zur Lehre von den hormonal-aktiven Gewachsen. *Zbl. Gyn.*, 1933, 57: 449-55.—**Proust, R.** Etat actuel de la radiothérapie des séminomes. *Bull. Ass. fr.*

GONADOTROPIN.

See also Gonad, Endocrine relations; Ovary, Endocrine relations; Pituitary, Anterior lobe; Testis, &c.

REINMUTH [C.] M. *Untersuchungen über das Hormon des Hypophysenvorderlappens. 16p. 8°. Kiel, 1929.

- Anterior pituitary and anterior pituitary like hormones.** *J. Organother.*, 1935, 19: 199; 250.—**Baniecki, H.** Hypophysenvorderlappenhormon und Hypophyse (experimentelle Untersuchungen an der weissen Ratte) *Arch. Gyn. Berl.*, 1932, 149: 478-87.—**Bochkarev, P.** Ueber das Hormon des Hypophysenvorderlappens. *Klin. Wschr.*, 1929, 8: 1718.—**Ehrhardt, K.** Klinische und tierexperimentelle Untersuchungen über Hormone des Hypophysenvorderlappens. *Arch. Gyn. Berl.*, 1932, 148: 235-64.—**Rühl, H.** Untersuchungen über Hypophysenvorderlappenhormone. *Ibid.*, 1933, 154: 293-308.—**Evans, H.** Gonadotropic hormones. *Tr. Pacific Soc. Obst. Gyn.*, 1935, 5: 75-97. Also *West. J. Surg.*, 1936, 44: 175; 199; ch. Also *Proc. Mayo Clin.*, 1936, 11: 216-22.—**Falta, W., & Hogler, F.** Ueber das Hypophysenvorderlappenhormon. *Klin. Wschr.*, 1930, 9: 1807-12.—**Fevold, H. L.** The gonadotropic hormones. *Sympos. Quant. Biol. (Cold Spring Harbor)* 1937, 5: 93-103.—**Fluhmann, C. F.** The nature of ovary-stimulating hormones. *Am. J. Obst.*, 1934, 28: 668-81.—**Fremery, P. de, & Scheygrond, B.** Some properties of the gonadotropic hormones of the human pituitary. *Acta brevita neerl.*, 1937, 7: 133-5, pl.—**Hallion, L.** Les hormones hypophysaires sexuelles et leurs caractères généraux. *Rev. prat. biol. appl.*, Par., 1933, 26: 1-10.—**Harrower, H. R.** Progress in endocrinology; the hormones influencing gonad function. *Clin. M. Sc.*, 1932, 39: 25-9.—**Hartman, C. G.** The use of gonadotropic hormones in the adult Rhesus monkey. *Bull. Johns Hopkins Hosp.*, 1938, 63: 351-71, 3 pl.—**Hisaw, F. L., Fevold, H. L., & Greep, R. O.** The pituitary gonadotropic hormones. *Proc. Ass. Res. Nerv. Ment. Dis.* (1936) 1938, 17: 247-56.—**Hormones stimulating the ovary.** *J. Organother.*, 1933, 17: 135-41.—**Kunisige, S.**

- Ueber das wirksame Prinzip des Hypophysenvorderlappens und des Sexualhormons. Okayama igakai zasshi, 1936, 48: 2539.—**Laquer, F., Dötl, K., & Friedrich, H.** A contribution to the knowledge of the gonadotropic hormone from the anterior pituitary lobe. In Med. in its chem. aspects, Leverkusen, 1934, 2: 110-5.—**Lipschütz, A.** Experiments on the gonadotropic complex of the anterior lobe of the hypophysis. Q. J. Exp. Physiol., Lond., 1934, 24: 133-47, pl.—**Marshall, P. G.** Recent experimental work on the gonado-tropic hormones. Tr. R. Med. Chir. Soc. Glasgow, 1933-34, 28: 117-25.—**Martin, E.** Prolan. Arch. Gyn., Berl., 1930-31, 144: 473-5 [Discussion] 475-96.—**Mizuno, K.** Study on the so-called anterior lobe hormone of the pituitary body. Jap. J. Obst., 1933, 16: 332-43.—**Morozumi, N.** Studien über das Hypophysenvorderlappenhormon. Tr. Jap. Path. Soc., 1932, 22: 238-40.—**Pealtz, H.** Zur Kenntnis gonadotrop wirkender Hormone. In Festschrift E. C. Barell, Basel, 1936, 422-35.—**Sannicandro, G.** Gli ormoni gonadostimolanti. Attual. med., Roma, 1936, 1: No. 9, 1; No. 10, 3.—**Schmidt, A. A., & Derankowa, E.** Ein Beitrag zur Kenntnis des sexualen Hypophysenvorderlappenhormons. Zschr. ges. exp. Med., 1931, 78: 361-6.
- Weitere Beiträge zur Charakteristik des Hypophysenhormons. Endokrinologie, 1932, 11: 1-15.—**Schultze-Rhnhof, F.** Untersuchungen über den gonadotropen Wirkstoff des Hypophysenvorderlappens. Zbl. Gyn., 1933, 57: 294-61.—**Smith, P. E.** The hypophyseal gonadotropic hormones. J. Am. M. Ass., 1935, 104: 553-6.—**Soule, S. D.** A further study of the anterior pituitary sex hormones. Am. J. Obst., 1932, 23: 708-11.—**Sperimentii con ormono prelofisario.** Clin. vet., Milano, 1936, 59: 189-96.—**Stępowski, B.** [Observations on gonadotropic hormones] Polska gaz. lek., 1936, 15: 1-3.—**Van Dyke, H. B., & Wallen-Lawrence, Z.** Further observations on the gonad-stimulating principle of the anterior lobe of the pituitary body. J. Pharm. Exp. Ther., 1933, 47: 163-81.—**Wiesner, B. P., & Crew, F. A. E.** The gonadotrope actions of the anterior lobe of the pituitary. Proc. R. Soc. Edinburgh, 1930-31, 51: 79-103.—**Wilson, W. M.** The female sex hormones; the anterior pituitary-like (ovary stimulating) sex hormone. Med. Herald, 1933, 52: 113, 141.
- **Antihormon.**
- Bachman, C.** Immunologic studies of anti-gonadotropic sera. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 851-4. — **Collip, J. B., & Selye, H.** Anti-gonadotropic substances. Ibid., 544-7.—**Bachman, C., Selye, H.** [et al.] Anti-gonadotropic substances. Am. J. Physiol., 1935, 113: 3.—**Bachman, H. S. C., Thomson, D. L., & Collip, J. B.** Further studies on loss of sensitivity to anterior pituitary-like hormone of pregnancy urine. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 1113-5.—**Brandt, R., & Goldhammer, H.** Die Spezifität der gonadotropen Hormone und ihrer Antiseren. Zschr. Immunforsch., 1936, 88: 79-90. — Antihormone und Antikörper gegen Hormone; der Bau des gonadotropen Hormons und seine Beziehung zur Antihormonbildung. Klin. Wschr., 1938, 17: 236.—**Bunde, C. A., & Hellbaum, A. A.** Some chemical and physiological properties of the gonadotropic antagonist. Am. J. Physiol., 1939, 125: 290-5.—**Chance, M. R. A.** The rate of loss of activity of anti-gonadotropic serum in vivo. J. Endocr., Oxf., 1940, 2: 99-103.—**Collip, J. B.** Anterior pituitary hormones and antihormones. Tr. Am. Neur. Ass., 1935, 61: 7. — Anti-gonadotropic substance. Tr. Ass. Am. Physicians, 1937, 52: 130.—**D'Amour, M. C., & Van Dyke, H. B.** The inhibition of oestrus by extracts of the anterior lobe of the pituitary body. J. Pharm. Exp. Ther., 1933, 47: 269-80. Also repr.—**Demanche, R., Laroche, G., & Simonnet, H.** Contribution à l'étude expérimentale des sécrums antigonadotropes. C. rend. Soc. biol., 1937, 125: 112.—**Ehrlich, H.** Immunisierungsversuche mit gonadotropen Hormonen. Wien. klin. Wschr., 1934, 47: 1323.—**Eichbaum, F., & Kindermann, V.** Untersuchungen über die antigenen Funktionen von Hormonpräparaten; gonadotropes Hypophysenvorderlappenhormon (Prä-hormon) Zschr. Immunforsch., 1935, 86: 284-99.—**Evans, H. M., Korpi, K.** [et al.] On the separation and properties of the antagonist, a pituitary substance inhibiting ovarian responses to gonadotropic hormones. Univ. California Pub., 1936, 1: Anat., 237-53.—**Fevold, H. L., & Fiske, V. M.** The inhibition of the action of the follicle stimulating hormone by the pituitary. Endocrinology, 1939, 24: 823-8.—**Finerty, J. C., Kupperman, H. S., & Meyer, R. K.** Quantitative studies of cell types in rat hypophysis following administration of antigenadotropic serum. Proc. Soc. Exp. Biol., N. Y., 1940, 44: 551-3.—**Fluhmann, C. F.** Species-specificity in production of antigenadotropic substances. Ibid., 1934-35, 32: 1595. — Ovary-stimulating factors and antihormones. Am. J. Obst., 1935, 30: 584-9.—**Fraenkel-Conrat, H., Simpson, M. E.** [et al.] The antagonism to gonadotropins exerted by pituitary gonadotropic extracts. An. Fac. med., Montev., 1940, 25: No. especial, 169: 627.—**Freud, J.** An antiluteogenic factor in the anterior pituitary. Nature, Lond., 1937, 139: 880. — The explanation of the antiluteogenic effect of pituitary extracts. Acta brev. neerl., 1938, 8: 176-8. — Notes on refractoriness to the action of hormones, in connection with a few examples of gonadotropic effects. Ibid., 1939, 9: 161-3.—**Gegerson, H. J., Clark, A. R., & Kurzrok, R.** Studies on gonadotropic antihormones. Proc. Soc. Exp. Biol., N. Y., 1936, 35: 193-5.—**Gordon, A. S., Kleinberg, W., & Charipper, H. A.** Relation of reticulo-endothelial system to refractoriness developed in response to gonadotropic hormone. Ibid., 1937-38, 36: 484-6.—**Guercio, F., & Cazzola, D.** Proprietà anti-gonadotropica del siero di cane trattato con gonadotropo simile ipofisario. Arch. fisiol., Fir., 1939-40, 39: 372-95. — Effetti dello smilzamento e della ovariectomia sulle caratteristiche dei sieri antigenadotropi del coniglio. Ibid., 396-414.—**Gustus, E. L., Meyer, R. K., & Dingle, J. H.** Relationship of precipitin titers to gonadotropic inhibitory action of monkey sera. Proc. Soc. Exp. Biol., N. Y., 1935-36, 33: 257-61.—**Hamburger, C.** How early can anti-gonadotropic hormone be demonstrated? (experiments with rabbits treated with mare serum hormone) Acta path. microb. scand., 1938, Suppl. 37, 224-35.—**Howell, K. M., & Soskin, S.** Antihody response in rabbits to extracts of human pregnancy urine and to extracts of normal female urine. Endocrinology, 1940, 26: 577-80.—**Jailer, J. W., & Leatham, J. H.** Anti-gonadotropic substances in man following treatment with pregnant mare serum. Proc. Soc. Exp. Biol., N. Y., 1940, 45: 506-8.—**Jensen, H., Tolksdorf, S., & Grattan, J. F.** The effect of heat on the gonadotropic pituitary antagonist. Am. J. Physiol., 1939-40, 128: 532-6.—**Kabak, I. M.** Species-specificity of the so-called anti-hormones. Bull. biol. méd. exp. URSS, 1936, 1: 342-4. — Is an antihormone formed in the organism against its own prolant? Bull. biol. méd. exp. URSS, 1938, 6: 160-3. [Resistance to prolant and the theory of antihormones] Probl. endocr., Moskva, 1939, 4: No. 2, 35; No. 3, 3.—**Kindermann, V., & Eichbaum, F.** Untersuchungen über die antigenen Funktionen von Hormonpräparaten; weitere Mitteilung über das gonadotrope Hypophysenvorderlappenhormon (Prä-hormon) Zschr. Immunforsch., 1936, 89: 230-8.—**Laroche, G., & Simonnet, H.** Sur l'existence d'un pouvoir antigonadotrope dans le sérum humain. C. rend. Soc. biol., 1936, 121: 416-9.—**Martin, E.** Die hemmende Wirkung des Prolan. Deut. med. Wschr., 1930, 56: 580.—**Meyer, R. K., & Kupperman, H. S.** Hypersecretion of gonadotropic hormone of pituitary gland of rats resulting from treatment of antigenadotropic serum. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 285-8.—**Meyer, R. K., & Wolfe, H. R.** Gonadotropic inhibitory substance and precipitin in the blood of monkeys receiving gonadotropic hormone preparations. J. Immun., Balt., 1939, 37: 91-102.—**Parkes, A. S., & Rowlands, I. W.** Ineffectiveness in birds of antisera for mammalian gonadotropic and thyrotropic substances. J. Physiol., Lond., 1937, 90: 100-3.—**Pavlenko, S. I.** [Formation of antihormones against prolant in rats] Biull. eksp. biol. med., 1939, 8: 532-4. Also Probl. endocr., Moskva, 1939, 4: No. 3, 23-30.—**Rowlands, I. W.** The effect of anti-gonadotropic serum on the reproductive organs of the normal animal. Proc. R. Soc., Lond., 1937, ser. B, 121: 517-32, pl. — Progonadotropic sera. Ibid., 1938, ser. B, 124: 492-503. Also J. Physiol., Lond., 1937-38, 91: 7P. — The specificity of antigenadotropic sera. Proc. R. Soc., Lond., 1938, ser. B, 124: 503-21. — Selective neutralization of the luteinizing activity of gonadotropic extracts of pituitary by anti-sera. Ibid., ser. B, 126: 76-87, 3 pl. — **Parkes, A. S.** Inhibition of the gonadotropic activity of the human pituitary by antiserum. Lancet, Lond., 1937, 1: 924-6.—**Rowlands, I. W., & Williams, P. C.** Mechanism of action of a progonadotropic serum. J. Endocr., Oxf., 1940, 2: 75-80.—**Saphir, W., Howell, K. M., & Kunstadter, R. H.** Human serum response to gonadotropic hormone (pregnancy urine extract) Endocrinology, 1939, 24: 182-6.—**Selye, H., Collip, J. B., & Thomson, D. L.** Loss of sensitivity to anterior pituitary-like hormone of pregnancy urine. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 487. — Loss of sensitivity to the gonadotropic hormone of the hypophysis. Ibid., 566.—**Severinghaus, A. E., & Thompson, K. W.** Production of antihormones by prolonged administration of pituitary extract; effect on anterior hypophysis. Ibid., 1939, 40: 627-9.—**Siegmund, H.** Resistenz des Ovariums gegen gonadotrope Hormone. Zhl. Gyn., 1934, 58: 2413-20.—**Simonnet, H., & Michel, E.** Action comparée sur la souris impubère de divers sécrums anti-gonadotropes. C. rend. Soc. biol., 1939, 130: 1457-60.—**Spence, A. W., Scowen, E. F., & Rowlands, I. W.** The absence of anti-gonadotropic substances in the blood serum of man injected with gonadotropic extracts. Brit. M. J., 1938, 1: 66.—**Sulman, F.** Does the gonadotropic hormone induce antibodies or antihormones? J. Exp. M., 1937, 65: 1-14. Also repr. — **Hochman, A.** Progonadotropic augmentary immune sera after protracted injection of hypophyseal gonadotropic hormone in rabbits. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 98-100.—**Takahashi, K.** Studien über die antigenadotropische Substanz. Zschr. Geburtst. Gyn., 1938-39, 118: 391-404.—**Thompson, K. W.** Inability of sheep to develop antihormone to the gonadotropic hormone from sheep-pituitary glands. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 634-7. — The termination of pregnancy of dogs by gonadotropic antihormone. Endocrinology, 1939, 24: 613-6.—**Tolksdorf, S., & Jensen, H.** Mechanism of pituitary gonadotropic antagonism. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 466-9.—**Twombly, G. H.** Studies of the nature of antigenadotropic substances. Endocrinology, 1936, 20: 311-7. — **Ferguson, R. S.** Protective substances in sera of animals injected with anterior pituitary-like hormone of teratoma testis origin. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 69-71.—**Wade, N. J., & Katzman, P. A.** Gonadotropic modifying sera of sheep treated with sheep pituitary extract. J. Biol. Chem., 1940, 133: Proc. 103.—**Yasuda, T.** Ueber die antigenadotropische Substanz. Tr. Soc. path. jap., 1938, 28: 428. — **Okano, K.** Ueber die antigenadotrope Substanz. Ibid., 1939, 29: 545-7.—**Zeldenrust, L.** Recherches de l'influence des gonades de

lapins et de rats mâles et femelles sur la faculté de formation de sérum antagonodotrope après des injections prolongées de pregnyl. *Acta brevica neerl.*, 1939, 9: 89-91. — Contribution supplémentaire à la connaissance du caractère anticorps des matières antagonodotropes. *Ibid.*, 93-5.—Zondek, B., & Sulman, F. The antagonodotropic factor; origin and preparation. *Proc. Soc. Exp. Biol., N. Y.*, 1937, 36: 708-12. — The antagonodotropic factor; species specificity and organ specificity. *Ibid.*, 712-7. — Some properties of the antagonodotropic factor. *Ibid.*, 1937-38, 37: 193-8. — Mechanism of prolan-antiprolan-reaction in simultaneous and unsimultaneous application of both active principles. *Ibid.*, 198-202. — The antagonodotropic factor; reversibility of the prolan-antiprolan effect. *Ibid.*, 343-8. — Does the antagonodotropic factor occur in the organism under physiological and pathological conditions? *Ibid.*, 1939, 42: 342-5. — & Hochman, A. The preparation of concentrated antagonodotropic factor, antiprolan. *Biochem. J., Lond.*, 1938, 32: 1891-6. — Relationship between inactivated prolan and antiprolan. *Proc. Soc. Exp. Biol., N. Y.*, 1938-39, 39: 283-7. — The antagonodotropic factor; the quantitative aspects of the prolan-antiprolan reaction. *Ibid.*, 1939, 40: 96-8. — Effect of heterologous antagonodotropic sera on the course of pregnancy in rats. *Ibid.*, 42: 338-41.

— Bioassay.

See also **Pregnancy, Diagnosis.**

Hoeffler, H. *Auswertung von Harn-extrakten auf Hypophysenvorderlappensubstanz [Freiburg] 13p. 8°. Quakenbrück, 1931.

Borras, P. E., & Friedman, M. H. El ensayo de extractos gonadotrópicos en las conejas post-partum. *Bol. Soc. obst. gin. B. Aires*, 1940, 19: 165-8.—Bourg, R. Considérations sur la valeur pratique du dosage du prolan; étude biologique et clinique. *Gyn. obst., Par.*, 1938, 37: 344-58.—Brindeau, A., Hinglais, H., & Hinglais, M. Contribution à l'étude quantitative de l'action des hormones pré-hypophysaires chez la lapine adulte; application au titrage biologique de l'hormone gonadotrope. *C. rend. Soc. biol.*, 1932, 111: 582.—Cahen, R., & Ardoint, P. Détermination de l'activité gonadotrope de l'extrait préhypophysaire. *Ibid.*, 1936, 123: 547-9. Also *C. rend. Acad. sc.*, 1939, 209: 490.—D'Amour, M. C., & D'Amour, F. E. The assay of gonad stimulating preparations. *J. Pharm. Exp. Ther.*, 1938, 62: 263-83.—Davy, L. Factors to be considered in immature female rat titration of pregnancy urine. *Proc. Soc. Exp. Biol., N. Y.*, 1934-35, 32: 927-31.—Evans, J. S., Hines, L. [et al.] The comparative assay of gonadotropic substances on rats, mice and chicks. *Endocrinology*, 1940, 26: 1005-11.—Evans, H. M., & Simpson, M. E. A sensitive biological test for menopause or castration prolan. *Proc. Soc. Exp. Biol., N. Y.*, 1934-35, 32: 1048.—Fernández Ruiz, C. Contribución a la comprobación biológica de los preparados antehipofisarios. *An. Hosp. S. José, Madr.*, 1933-34, 5: 39-41.—Frank, R. T., & Berman, R. L. A comparison of 4 methods of bioassay for the gonadotropic factors. *Endocrinology*, 1939, 25: 683-8. —Goldberger, M. A. [et al.] Prepituitary female and male sex hormone assays, and clinical significance. *J. M. Soc. N. Jersey*, 1937, 34: 517.—Friedman, M. H. The assay of gonadotropic extracts in the post-partum rabbit. *Endocrinology*, 1939, 24: 617-25.—Gayet, R., Cuny, L., & Quivy, D. Les variations du poids des organes génitaux en fonction du poids du corps chez les rats impubères; leur importance dans l'essai biologique des substances gonadostimulantes. *C. rend. Soc. biol.*, 1938, 129: 261-4.—Goettsch, M. The oestrous cycle in the guinea-pig and the suitability of the uterus for the estimation of pituitary extract. *Q. J. Pharm., Lond.*, 1928, 1: 34-6.—Hamburger, C. The assay of gonadotropic hormones; comparison between rat and rabbit dose-response curves for crude and purified preparations of human pregnancy urine and mare serum hormone. *Ibid.*, 1938, 11: 673-8.—Heard, R. D. H., & Winton, S. S. Use of the dietary anovulatory adult rat for the assay of the oestrous-inducing gonadotropic substance. *J. Physiol., Lond.*, 1939, 96: 248-76.—Heller, C. G., & Heller, E. J. Gonadotropic hormone: clinical application of extraction methods for assay purposes. *Endocrinology*, 1939, 24: 319-25.—Heller, C. G., Lauson, H., & Sevringhaus, E. L. The immature rat uterus as an assay endpoint for gonadotropic substances. *Am. J. Physiol.*, 1938, 121: 364-78.—Hilli, R. T., Parkes, A. S., & White, W. E. The assay of the ovulation-producing substance. *J. Physiol., Lond.*, 1934, 81: 335-80.—Janssen, S., & Loeser, A. Hypophysenvorderlappenspulver und Ovarium; die quantitative Auswertung der Wirkung. *Arch. exp. Path., Berl.*, 1930, 151: 188-96.—Johnson, M. W., & Riddle, O. Tests of mammalian gonad-stimulating hormones on gonads of fishes. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 42: 260-2. Also repr.—Korenchevsky, V., Dennison, M., & Simpson, S. L. Assay of the gonadotropic hormone of pregnancy urine on male rats. *Biochem. J., Lond.*, 1935, 29: 2522-33.—Levin, L., & Tyndale, H. H. The quantitative assay of follicle stimulating substances. *Endocrinology*, 1937, 21: 619-28.—Loeser, A. Pharmakologische Methode zur Wertbestimmung der Hypophysen-Vorderlappenswirkung. *Arch. exp. Path., Berl.*, 1931, 159: 657-70.—Nelson, W. O., & Overholser, M. D. The evaluation of gonadotropic hormone preparations on the basis of the rat-mouse ratio assay. *J. Pharm. Exp. Ther.*, 1935, 54: 378-92.—Owen, S. E., & Prince,

L. H. Macroscopic methods in the bio-assay of prolan hormones. *J. Lab. Clin. M.*, 1936-37, 22: 431-4.—Rowlands, I. W. The relative activity of different gonadotropic preparations on oestrous rabbits, pregnant rabbits and immature rats. *Q. J. Pharm., Lond.*, 1935, 8: 646-50.—Schockaert, J. Le coq impubère comme test de l'hormone gonadotrope pré-hypophysaire. *C. rend. Soc. biol.*, 1932, 111: 1095-7.—Stricker, Ueber einen neuen Hypophysenvorderlappenschlechtshormontest. *Arch. Gyn., Berl.*, 1930-31, 144: 461-3 [Discussion] 475-96.—Valle, J. R. Sur l'utilisation du pigeon comme animal test d'une hormone préhypophysaire. *C. rend. Soc. biol.*, 1937, 125: 687.

— castrate.

See subheading **Formation: Variation.**

— Chemical and physical properties.

Askew, F. A., & Parkes, A. S. On the thermostability of prolan. *Biochem. J., Lond.*, 1933, 27: 1495-7.—Bischoff, F. The picro acid and picrotonic acid precipitates of gonadotropic extracts. *J. Biol. Chem.*, 1940, 132: 35-9. The action of cysteine or cyanide upon gonadotropic extracts. *Ibid.*, 134: 641-7.—Brindeau, A., Hinglais, H., & Hinglais, M. Essai de fractionnement des prolans par voie chimique; action de l'aldéhyde formique. *C. rend. Soc. biol.*, 1936, 123: 393.—Denekamp, P. J. Die Chemie der gonadotropen Hormone. In *Handb. biol. Arbeitsmeth.* (Aberhalden, E.) *Berl.*, 1938, T. 3 B. 2. Hälfte, 1563-638.—Euler, H. von, & Zondek, B. Stabilität des Prolans; ein Hinweis auf seine enzymatische Natur. *Skand. Arch. Physiol., Berl.*, 1934, 68: 232-44.—Fraenkel-Conrat, H., Simpson, M. E., & Evans, H. M. The effect of cysteine on gonadotropic hormones. *J. Biol. Chem.*, 1939, 130: 243-9. Also repr.—McShan, W. H., & Meyer, R. K. Carbohydrate properties of pituitary follicle-stimulating and luteinizing preparations. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 40: 701-3.—Marshall, P. G. The gonadotropic hormones (p-factors) selective filtration experiments. *Q. J. Exp. Physiol., Lond.*, 1932, 21: 315-8.—Maxwell, L. C., & Bischoff, F. Chemical studies on the pituitary gonadotropic hormone. *J. Biol. Chem.*, 1935-36, 112: 215-21. Also repr.—Reiss, M., & Haurowitz, F. Zur Chemie des Hypophysenvorderlappens-Sexualhormones. *Zschr. ges. exp. Med.*, 1929, 68: 371-8.—Schäfer, A. Ueber die Einwirkung von Hitze auf die gonadotropen Hormone des Hypophysenvorderlappens. *Endocrinologie*, 1938-39, 21: 253-5.—Spielman, M. A., & Meyer, R. K. Electrophoresis of prolan. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, 37: 623-6.

— chorionic.

See also **Gonadotropin, Formation—in pregnancy; Gonadotropin, Pharmacology; Pregnancy, Diagnosis; Pregnancy, Urine.**

Bischoff, F., & Long, M. L. Chemical studies on prolan (from urine of pregnancy). *J. Biol. Chem.*, 1936, 116: 285-90. Also repr.—Browne, J. S. L., & Venning, E. M. Excretion of gonadotropic substances in the urine during pregnancy. *Lancet, Lond.*, 1936, 2: 1507-11.—Chorionic gonadotropin. *J. Am. M. Ass.*, 1939, 113: 756; 1940, 114: 2306; 2307.—Collip, J. B., Thomson, D. L., & Selye, H. Physiological properties of the anterior pituitary-like hormone. *Proc. Am. Soc. Biol. Chem.*, 1933, 8: p. xxxi.—Fischer, F. G., & Ertel, L. Zur Kenntnis der Hypophysenvorderlappen-Hormone aus Schwan, gerenharn. *Zschr. physiol. Chem.*, 1931, 202: 83-96.—Gurin, S., Bachman, C., & Wilson, D. W. The gonadotropic hormone of pregnancy urine. *Proc. Am. Soc. Biol. Chem.*, 1938, 8: No. 7, 49.—Guyénot, E., & Held, E. Étude sur les hormones gonadotropes de l'urine de femme gestante. *Gyn. obst., Par.*, 1939, 40: 240-2.—Hamburger, C., & Pedersen-Bjergaard, K. [Demonstration of pituitary anterior lobe hormone in urine of pregnant women] *Ugeskr. læger*, 1930, 92: 647-9.—Haurowitz, F., Reiss, M., & Balint, J. Ueber das Hypophysenvorderlappen-Sexualhormon aus Schwangerenharn. *Zschr. physiol. Chem.*, 1933, 222: 44; 1934, 225: 196.—Itoh, M., Hayatsu, S., & Ueno, F. Weiteres Studium über die gonadotropen Hormone aus dem Schwangerenharn. *Jap. J. Derm. Urol.*, 1935, 38: 135.—Katzman, P. A., Levin, L., & Doisy, E. A. The luteinizing substance of pregnancy urine. *Proc. Soc. Exp. Biol., N. Y.*, 1931, 28: 873.—Klein, M., & Aron, M. Les hormones préhypophysaires de l'urine chez la femme enceinte. *Strasbourg méd.*, 1931, 91: 142-4.—Kobak, A. J. The interpretation of excessive gonadotropic hormones excreted in the urine in early pregnancy. *J. Am. M. Ass.*, 1938, 110: 1179. Also *J. Obst. Gyn. Brit. Empire*, 1938, 45: 855.—Mizuno, K. Quality of anterior pituitary lobe hormone in human chorion and decidua. *Jap. J. Obst.*, 1933, 16: 238-41.—Morillo Uña, L. Relaciones del epitelio corial con la hormona hipofisaria sexual y con la foliulina. *Arch. med., Madr.*, 1930, 32: 510-5.—Rosselli, G. Sul contenuto in ormoni gonadotropi nelle urine delle gravide e delle puerpere indigene dell'Africa Orientale Italiana. *Clin. ostet.*, 1938, 40: 194-9.—Slotta, K. H. Das Schwangerschafts-Hormon. *Umschau*, 1934, 38: 909-12.— & Ruschig, H. Schwangerschaftshormon. *Zschr. physiol. Chem.*, 1934, 228: 207-23, 2 pl.—Trettenero, M. Azione di alcune luci monocratiche sugli ormoni gravidici del tipo preipofisario. *Riv. ital. gin.*, 1934, 16: 240-54.—Westman, A., Jorpes, E., & Linde, S. Untersuchungen über das Verhalten der gonadotropen Graviditätsurinsubstanz

auf Säure und Lauge. Zschr. Geburtsh. Gyn., 1934-35, 110: 11-8.—Zondek, B. On the mechanism of the action of gonadotropin from pregnancy urine. J. Endocr., Oxf., 1940, 2: 12-20.

— chorionic: Extraction, purification, and standardization.

Assay standards for chorionic gonadotropin. J. Am. M. Ass., 1939, 113: 2418.—Cinberg, B. L., & Goldman, S. F. Potency evaluations of the human chorionic gonadotropic preparations. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 208-10.—D'Amour, F. E., & D'Amour, M. C. The biologic potency of international standard chorionic gonadotropin. Endocrinology, 1940, 26: 93-6.—Davy, L. Complete recovery of gonadotropic substances from the urine of pregnant women. Ibid., 1934, 18: 1-17.—Del Castillo, E. B., & Fauvety, J. C. Medición de la unidad internacional de la gonadotropina coriónica. Rev. Soc. argent. biol., 1939, 15: 412-6.—Dickens, F. The preparation and properties of the gonad-stimulating hormone from the urine of pregnancy. Biochem. J., Lond., 1930, 14: 1507-25, pl.—Elden, G. A. A method of separating the anterior pituitary-like hormone from the urine of pregnant women. J. Biol. Chem., 1933, 101: 1-9. Also repr.—Emmens, C. W. Analysis of the assays carried out in various laboratories on the contributions offered towards the international standard preparation of the gonadotropic substance of urine of pregnancy. Bull. Health Org. League of Nat., 1939, 8: 862-83.—Estrin, E. I. [Ueber die Erhaltung eines hochaktiven Präparats des Summarischen Prolans aus dem Harn der schwangeren Frauen und des Prolans aus dem Harn von an Genitalkarzinomkranken Frauen] J. Physiol. USSR, 1934, 17: 67-73.—Fevold, H. L., & Hisaw, F. L. Concentration of gonadotropic substance from pregnancy urine. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 712-4.—Funk, C., & Zefrow, P. The preparation of gonadotropic hormones from normal urine and urine of pregnancy. Biochem. J., Lond., 1932, 26: 619-23.—Gurin, S., Bachman, C., & Wilson, D. W. The gonadotropic hormone of urine of pregnancy: a simple method of extraction and purification. J. Biol. Chem., 1939, 128: 525-36. Also repr.—Hamburger, C. [Standardization of chorionic gonadotropin (gonadotropic hormone from the urine of pregnant women)] Nord. med., 1939, 2: 1915-24.—Hellbaum, A. A., Fevold, H. L., & Hisaw, F. L. Method for concentrating the gonadotropic activity in pregnancy urine. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1566.—Ito, M., Hajazu, S., & Ueno, F. Ueber das gonadotrope Hormon aus Schwangerenharn; Studien über die Beziehungen der verschiedenen Reinigungs- und Fällungsverfahren zur biologischen Wirkung des Hormons. Zbl. Gyn., 1936, 60: 375-8.—Katzman, P. A., & Doisy, E. A. Preparation of extracts of the anterior pituitary-like substance of urine of pregnancy. J. Biol. Chem., 1932, 98: 739-54.

— A note on the preparation of gonadotropic extracts of urine of pregnancy by tungstic acid precipitation. Ibid., 1934, 107: 513-8. Also repr.—Memorandum on the international standard for the gonadotropic substance of human urine of pregnancy. Bull. Health Org. League of Nat., 1939, 8: 884-6.—Reiss, M., Schäffner, A., & Haurowitz, F. Ueber die Inaktivierung des aus Schwangerenharn gewonnenen Hypophysenvorderlappenhormons durch proteolytische Enzyme. Endocrinology, 1931, 8: 22-4.—Standard for the gonadotropic substance of human urine of pregnancy. Brit. M. J., 1939, 1: 998. Also Lancet, Lond., 1939, 1: 1117.—Trettenner, M. Sul dosaggio degli ormoni gravidici del tipo preipofisario; la unità-chilo-conglio. Riv. ital. gin., 1934, 16: 467-76.

— Demonstration, and determination.

See also subheading Bioassay.

Clauberg, C. Akute Vorderlappen-Hormonwirkungen am Ovar und deren diagnostische und therapeutische Ausnutzung. Deut. med. Wschr., 1933, 59: 525-7.—Drips, D. G. Prolan determinations in gynecology. Med. Woman J., 1940, 47: 163-6. — & Osterberg, A. E. An evaluation of the Frank method for the determination of prolant, gonadotropic principle, in the urine of nonpregnant women. Endocrinology, 1938, 23: 703-10.—Engle, L. The gonadotropin Hormone des Hypophysenvorderlappens in Blut und Harn: Bestimmungsmethoden, therapeutische Anwendung. Zbl. Gyn., 1938, 62: 81.—Evans, H. M., Simpson, M. E., & Austin, P. R. The recognition and comparison of prolant and prolant-like substances. J. Exp. M., 1933, 58: 561-8. Also repr.—Fluhmann, C. F. The demonstration of gonadotropic substances in the blood and urine. Am. J. Obst., 1937, 33: 931-41.—Frank, R. T., Goldberger, M. A., & Spielman, F. A method for demonstrating prepuvity maturity hormone in the blood of non-pregnant women. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 999-1001.—Frank, R. T., Salmon, U. J., & Friedman, R. Determination of luteinizing and follicle-stimulating principles in castrate and menopause urine. Ibid., 1934-35, 32: 1666.—Fremery, P. de. Der qualitative Nachweis der verschiedenen gonadotropen Hormone in Mischungen derselben. Acta brev. neerl., 1938, 8: 48.—Friedgood, H. B., & Dawson, A. B. Cytologic evidence of the gonadotropic activity of the rabbit's anterior hypophysis. Endocrinology, 1938, 22: 674-86.—Geist, S. H., & Spielman, F. Estimation of anterior pituitary-like hormone in cord blood. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 662.—Katzman, P. A. The quantitative determination of the gonadotropic material of urine of women after castration and the menopause and of normal men. Endocrinology, 1937, 21: 89-95.

& Doisy, E. A. A quantitative procedure for determining normal excretion of prolant. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1188-91. — The quantitative determination of small amounts of gonadotropic substance. J. Biol. Chem., 1934, 105: Proc., xlv, 106: 125. Also repr.—Levin, L. The quantitative precipitation of gonadotropin from normal urine. Ibid., 1940, 133: Proc., 60.—Nedzetskaia, M. I. [Determination of prolant in retroplacental blood] Akush. gin., 1938, No. 10, 12-4.—Palmer, A. A source of error in gonadotropic hormone determinations. Proc. Soc. Exp. Biol., N. Y., 1937-38, 37: 295.—Peña Chavarria, A., & Vargas, C. A. Acción de las hormonas de la hipófisis en el desarrollo genital, la reacción de Aschheim-Zondek. Rev. méd. lat. amer., B. Air., 1931-32, 17: 816-35.—Peralta Ramos, A. El valor de la determinación biológica, factor gonado-estimulante, en la fisiopatología obstétrica. Dia. méd., B. Air., 1939, 11: 1160-5.—Salmon, U. J., & Frank, R. T. An improved method for determination of the gonadotropic hormone. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1236.—Thomsen, O., & Pedersen-Bjergaard, K. Une méthode pour révéler de petites quantités d'hormone gonadotrope dans l'urine des sujets normaux. C. rend. Soc. biol., 1935, 120: 1143-7. Also Zschr. Geburtsh. Gyn., 1936, 112: 202-33. — Ueber den Nachweis kleiner Mengen gonadotropen Hormons in Harn von Normalen und Kranken. Acta path. microb. scand., 1936, suppl. 26, 7-9 [Discussion] 12.—Zondek, B. Ueber die Hormone des Hypophysenvorderlappens; Darstellung des Follikelreifungshormons (Prolan A) Methodik der klinischen Harnanalyse zum Nachweis des Prolan. Klin. Wschr., 1930, 9: 1207-9.

— Diagnostic use.

See also Abortion, criminal; Abortion, Diagnostic; Pregnancy, Diagnosis.

LESCHNITZER, W. * Nachweis und Bedeutung der Hypophysenvorderlappenhormone A und B unter Berücksichtigung von 100 eigenen Fällen [Breslau] 12p. 8^o Stuttg., 1936.

Also Zschr. Geburtsh. Gyn., 1936, 112:

Crew, F. A. E. The Aschheim-Zondek test in the puerperium. Brit. M. J., 1936, 1: 363.—Gernez, L. Le dosage des hormones gonadotropes au cours et à la suite de la grossesse normale et pathologique: applications médico-légale. Ann. méd. lég., 1937, 17: 120-36.—Heimann, F., & Leschnitzer, W. Nachweis und Bedeutung der Hypophysenvorderlappenhormone A und B unter Berücksichtigung von 100 eigenen Fällen. Zschr. Geburtsh. Gyn., 1936, 112: 23-31.—Katz, K. Ueber Prolan-ausscheidung bei Gesunden und Krebskranken nach Prolanbelastung. Beitr. klin. Chir., 1939, 170: 380-6.—Reiprich, W. Ueber die Biologie und diagnostisch-therapeutische Bedeutung der Sexualhormone des Hypophysenvorderlappens. Zschr. Geburtsh. Gyn., 1934, 109: 285-332.

— Effect.

See also subheading Physiology; also Estrus cycle; Gonads, Endocrine relations; Menstruation; Puberty; Sex, &c.

Bourg, R. Les modifications provoquées par la gravidine chez la chatte adulte en dehors de la gestation et durant cette période. C. rend. Soc. biol., 1931, 108: 216.—Breneman, W. R. The effect on the chick of some gonadotropic hormones. Anat. Rec., 1935-36, 64: 211-20.—Brindeau, A., Hinglais, H., & Hinglais, M. Recherches sur les propriétés physiologiques du prolant. Presse méd., 1934, 42: 1657-60.—Chernozatonskaia, E. D. [Effect of Prolan and gravidin on human and animal body] Biol. J., Moskva, 1932, 1: 125-50.—Fels, E. Ueber den Wirkungsmechanismus des Hypophysenvorderlappenhormons. Arch. Gyn., Berl., 1930, 141: 3-11.—Giacobbi, L. Modificazioni istologiche da prolant e da progynon. Endocr. pat. cost., Bologna, 1936, 11: 338-49.—Hauptstein, P. Beitrag zum Wirkungsmechanismus des Prolans. Zbl. Gyn., 1939, 63: 1751-4. — & Otto, U. Beitrag zum Wirkungsmechanismus des Prolans. Klin. Wschr., 1938, 17: 1724-8.—King, E. L., & King, A. G. External evidence of hormone action following injection of urine of pregnant women into rabbits and guinea pigs. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 469.—Kraus, E. J. Zur Wirkungsweise des Prolans. Arch. Gyn., Berl., 1931, 145: 524-47.—Laffont & Bartoli. Sur l'action d'un extrait gonadotrope. Bull. Soc. obst. gyn. Paris, 1934, 23: 204.—Magni, L. Indagini sperimentali sull'azione dell'ormone ipofisario di Zondek e Aschheim (Prolan). Endocr. pat. cost., Bologna, 1931, n. ser., 6: 621-33. Also Riv. clin. pediat., 1932, 30: 918-26, pl.—Miklós, L. Neue Beiträge zur Wirkung des gonadotropen Hormons. Zbl. Gyn., 1938, 62: 2745-50.—Papanicolaou, G. N. Specificity of reactions produced by injection of urine from pregnant cows into immature female guinea pigs. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 807-10.—Reiss, M. Die Wirkung des Hypophysenvorderlappensexualhormons und ihre energetischen Grundlagen. Med. Klin., Berl., 1932, 28: 992-5.—Riley, G. M., & Witschi, E. Comparative effects of light stimulation and administration of gonadotropic hormones on female sparrows. Endocrinology, 1938, 23: 618-24.—Sammartino, R., & Arenas, N. Efectos de la orina de mujer grávida, de castrada y de menopáusia, de la gonadotropina coriónica y del suero de yegua preñada, sobre los genitales de la perra entera, castrada o hipofisopriva. Rev. Soc. argent. biol., 1940, 16: 290-

9.—**Siedentopf, H.** Wirkt das Hypophysenvorderlappeninkret nur auf dem Wege über das Ovar auf den Uterus? Arch. Gyn., Berl., 1930-31, 144: 455-7. [Discussion] 475-96.—**Tschernozatonskaja, E. P.** Effects of pregnancy urine administration to female swine. Endocrinology, 1935, 19: 413.—**Vercesi, C., & Guerzio, F.** Erste Mitteilung über die Förderung des Wachstums von Ovariexplantaten durch gonadotropes Hormon. Arch. exp. Zellforsch., 1935-36, 18: 210-8.

— Effect, pathological.

Andersen, F. Lesions of the fetuses of rats after treatment of the mothers with gonadotropic hormones. Acta path. microb. scand., 1938, Suppl. 37, 60-8. — Injury of fetuses after treatment with gonadotropic hormones. Ibid., Suppl. 38, 126.—**Buño, W., & Engel, P.** Ueber die histologischen Veränderungen inkretorischer Organe durch chronische Zufuhr gonadotropen Hormons. Klin. Wschr., 1936, 15: 716.—**De Donno, E.** Sull'influenza della somministrazione prolungata di ormone preipofisario o di prolano sul tratto genitale di cavie castrate con particolare riguardo all'iperplasia dell'endometrio; ricerche sperimentali. Ann. ostet. ginec., 1938, 60: 751-78.—**O'Neal, F. L.** Report of increased lambing following the use of gonadin. North Am. Vet., 1938, 19: No. 10, 25-30.—**Pierson, H.** Experimentelle Erzeugung von Uterusgeschwülsten bei Kaninchen durch Prolan. Zschr. Krebsforsch., 1936-37, 45: 1-27.—**Teel, H. M.** The effects of injecting anterior hypophyseal fluid on the production of placentaloma in rats. Am. J. Physiol., 1926, 79: 184-7.—**Wolff, F.** Schwere Erbschädigung der weissen Maus durch Hormonzufuhr. Zschr. Geburtsh. Gyn., 1934, 108: 246-76. — **Wolff, M.** Schwere Erbschädigung der weissen Maus durch Hypophysenvorderlappenhormon. Ibid., 1936-37, 114: 36-41.

— Effect: Relation to estrogen.

Brouha, L. Existe-t-il un antagonisme entre l'extrait hydro-soluble du lobe antérieur de l'hypophyse et la folliculine? C. rend. Soc. biol., 1928, 99: 43.—**Freud, J.** Wirken Sexualhormone direkt auf die sekundären Geschlechtsorgane oder nur durch die Vermittlung der Hypophyse? Klin. Wschr., 1932, 11: 776.—**Halpern, S. R., & D'Amour, F. E.** Studies on the gonad-hypophyseal complex in estrin-injected rats. Am. J. Physiol., 1936, 115: 229-38.—**Jongh, S. E. de, & Kober, S.** Die Aktivierung der Menstruation durch weiblichen Tieren durch Hypophysenextrakte. Acta brev. neerl., 1933, 3: 128.—**Jongh, S. E. de, & Laqueur, E.** Antagonismus von Menstron und Hormonen des Hypophysenvorderlappens. Arch. ges. Physiol., 1931, 227: 37-70.—**Magath, M. A., & Rosenfeld, R. M.** Beeinflussung der Prolanwirkung auf das infantile Ovarium durch gleichzeitige Follikulinzufuhr. Klin. Wschr., 1933, 12: 1288.—**Moore, C. R.** Gonadotropic substances and male hormone effects in the organism. Tr. West. Soc. Am. Urol. Ass., 1939, 8: 117-30. Also J. Urol., Balt., 1939, 42: 1251-64.—**Robson, J. M. B.** Maintenance of pregnancy in the hypophysectomized rabbit by the administration of oestrin. J. Physiol., Lond., 1939, 95: 83-91, pl.

— Effect: Variations.

Fauler, J. *Ueber die Wirkung des gonadotropen Anteils des Hypophysenvorderlappens bei experimenteller Störung des Säurebasengleichgewichts. 24b. 8° Tüb., 1935.

Aron, M. Différences de sensibilité selon l'espèce, chez les mammifères, de la thyroïde à la thyro-stimuline préhypophysaire et de l'ovaire à la gonado-stimuline. C. rend. Soc. biol., 1932, 110: 716-8.—**Bacq, Z. M., & Brouha, L.** Action de l'urine de femme enceinte sur le tractus genital du cobaye après énévation sympathique. Ibid., 1933, 111: 3.—**Caffier, P.** Hormonale Schwangerschaftserzeugung bei der winterschlafenden Fledermaus. Zbl. Gyn., 1934, 58: 2354-63.—**Chen, G., & Van Dyke, H. B.** Gonadotropic action of anterior pituitary extract after tryptic digestion. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 172-6.—**Creaser, C. W., & Shoelnek, M.** Specificity within the Amphibia of pituitary gonadotropic factors derived from Amphibia. Papers Michigan Acad. Sc. (1938) 1939, 24: pt 2, 85-94.—**Emery, F. E., Bugelski, T. J., & Schwabe, E. L.** The response of the ovaries to gonadotropic extracts in splenectomized rats. Endocrinology, 1940, 26: 167-9.—**Heringa, G. C., & Ruyter, J. H. C.** The action of gonadotropic hormones in avitaminotic female rats. Acta brev. neerl., 1940, 10: 27.—**Herlant, M.** Action des substances gonado-stimulantes sur le cycle grénal des animaux hibernants. Ann. Soc. sc. méd. natur. Bruxelles, 1934, Bull., 67-91.—**Jongh, S. E. de, & Woerd, L. A. van der.** Wird die Produktion oder die Wirkung des gonadotropen Hormons durch das Licht günstig beeinflusst? Acta brev. neerl., 1939, 9: 153-5. Also Ned. tscr. geneesk., 1939, 83: 2515-7.—**Leonard, S. L., & Hansen, I. B.** The influence of thyroidectomy on the effectiveness of gonad stimulating hormones. Anat. Rec., 1935-36, 64: 203-9.—**Loeb, L.** Anterior pituitary hormones acting on the ovary and differences in the reactions in different species. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1335-9.—**Lucarelli, G.** L'azione dell'ormone sessuale ipofisario su alcune ghiandole endocrine (pancreas, surrenali, ipofisi, tiroide) dopo legatura dei deferenti. Biochim. ter. sper., 1933, 20: 10-3.—**McShan, W. H., & Meyer, R. K.** The effect of trypsin and ptyalin preparations on the gonadotropic activity of pituitary extracts. J. Biol. Chem., 1938, 126:

361-5. Also repr.—**Marrian, G. F., & Parekr, A. S.** The effect of anterior pituitary preparation administered during dietary anestrus. Proc. R. Soc., Lond., 1929, ser. B, 105: 248-58, 2 pl.—**Matteace, F.** Simpatotomia chimica dell'ovario e suo comportamento di fronte agli ormoni gravidici. Riv. ital. gin., 1934, 16: 579-92. — Soglia di sensibilità dell'ovario isoprenolizzato saggiato con gli ormoni gravidici. Ibid., 1934-35, 17: 86-93.—**Peisakhovich, I. M., Bondarenko, G., & Shukhat, I.** [Certain factors affecting the activity of the sexual and gonadotropic hormones] Akush. gin., 1940, No. 5, 1-9.—**Pighini, G.** La reazione del testicolo e della ovaia agli estratti antepofisari dopo la sezione del deferente e la legatura delle trombe uterine. Rev. ital. gin., 1934, 16: 790-807.—**Pitzorno, P., & Serra, A.** Sull'azione dell'ormone gonadotropo (prolan) sulle gonadi e sui surreni di animali tiroideotomizzati. Riv. pat. sper., 1936-37, 16: 101-12, 4 pl.—**Selye, H., Collip, J. B., & Thomson, D. L.** The age factor in responsiveness to gonadotropic hormones. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 800-3.—**Voss, H. E.** Beobachtungen über die Wirkung gonadotroper Hormone auf Weibchen mit spontaner Zyklusinsuffizienz. Endokrinologie, 1934, 14: 301-9.—**Weinstein, G. L., & Makepeace, A. W.** The influence of pseudopregnancy on follicular sensitivity to pregnancy urine extracts. Am. J. Physiol., 1937, 119: 508-11.—**Zondek, B.** Action of folliculin and prolano on the reproductive organs of the bat during hibernation. Lancet, Lond., 1933, 2: 1256.

— Effect: Variations: Dosage and method of administration.

Förster, W. *Ueber die Wirkung gonadotroper Substanzen bei örtlicher Applikation in den Uterus der weissen Maus. 15p. 8° [Lpz.] 1935.

Buck, F., Blum, E., & Aron, M. Action thyro-stimulante, chez le cobaye, de l'administration prolongée de gonado-stimuline, urine de femme enceinte. C. rend. Soc. biol., 1939, 130: 920-2.—**Chao, A., & Desoille-Merhes, P.** Effets gonadotropes de la poudre de lobe antérieur d'hypophyse insérée sous la peau. Ibid., 1937, 124: 1286.—**Collip, J. B., Selye, H., & Williamson, J. E.** Changes in the hypophysis and the ovaries of rats chronically treated with an anterior pituitary extract. Endocrinology, 1938, 23: 279-84.—**Collip, J. B., Selye, H.** [et al.] Effect of prolonged administration of the anterior pituitary-like hormone on pituitary and thyroid. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 590.—**DeDonno, E.** Ricerche sperimentali sull'influenza della prolungata somministrazione di ormone preipofisario e di prolano su organi vitali della cavia normale e ovarietomizzata, capsule surrenali, pancreas, fegato, cuore, milza, polmoni, reni. Ginecologia, Tor., 1938, 4: 403-41.—**Desaive, P.** Effets des doses fractionnées de prolano sur la morphologie de l'ovaire de lapine adulte. Arch. biol. Liège, 1935, 46: 429-73, pl.—**Emery, F. E.** Some chronic effects of the anterior pituitary sex hormone on the weights of body, ovaries, uterus, pituitary and adrenal glands. Endocrinology, 1933, 17: 64-72.—**Engle, E. T.** The effect of daily transplants of the anterior lobe from gonadotomized rats on immature test animals. Am. J. Physiol., 1929, 88: 101-6.—**Evans, H. M., & Long, J. A.** Characteristic effects upon growth, oestrus and ovulation induced by the intraperitoneal administration of fresh anterior hypophyseal substance. Proc. Nat. Acad. Sc. U. S., 1922, 8: 38.—**Fluhmann, C. F.** Effect on ovarian weight of prolonged administration of anterior lobe extract. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 881. — Comparative studies of gonad-stimulating hormones; influence of length of period of administration of certain extracts. Ibid., 1934-35, 32: 1014-6. Also Am. J. Physiol., 1933, 106: 238-46. — Comparative studies of gonadotropic hormones, ovaries and hypophyses of rats in chronic experiments. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 691-4.—**Forbes, T. R.** Studies on the reproductive system of the alligator; the effects of prolonged injections of pituitary whole gland extract in the immature alligator. Anat. Rec., 1937-38, 70: 113-34, 2 pl.—**Gutowska, M. S.** Effects of prolonged oral administration of large doses of pituitary anterior lobe to laying hens. Q. J. Exp. Physiol., Lond., 1931, 21: 197-216.—**Hajek, O., Wepschek, K.** Untersuchungen über den Einfluss von langdauernden Hypophysenvorderlappenhormongaben in Form von Prolan auf lebenswichtige Organe im Meer-schweinchenversuch. Mschr. Geburtsh. Gyn., 1934, 97: 217-20.—**Haterius, H. O., & Charipper, H. A.** Experimental studies of the anterior pituitary; the occurrence of pregnancy cells in mice following continuous anterior-lobe administration. Anat. Rec., 1931-32, 51: 85-101.—**Howard, N. J.** Comparative studies of gonadotropic hormones; growth response of rat mammary glands in chronic experiments. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 732-4.—**Janssen, S., & Loeser, A.** Die Wirksamkeit des Hypophysenvorderlappens bei peroraler Darreichung. Arch. exp. Path., Lpz., 1931, 159: 737-41. — Die perorale Wirksamkeit des Hypophysenvorderlappens. Klin. Wschr., 1931, 10: 649.—**Kaplan, E. M.** [Effect of large doses of gonadotropic hormone on the sexual glands] Akush. gin., 1937, No. 8, 24-32.—**Loeb, L., & Friedman, H.** Long continued injections of acid extract of anterior pituitary on thyroid gland and sex organs. Proc. Soc. Exp. Biol., N. Y., 1931, 29: 172-4.—**Maxwell, L. C.** The quantitative and qualitative ovarian response to distributed dosage with gonadotropic extracts. Am. J. Physiol., 1934-35, 110: 458-63.—**Peisakhovich, I. M., & Shukhat, I.** [Microstructure of the

pituitary gland under prolonged administration of gonadostimulating hormones (prolan)] Akush. gin., 1937, No. 11, 121-25.—**Reiss, W.** Ueber die morphologischen Veränderungen der Ovarien bei chronischer Prolanzufuhr an primär infantilen Ratten. *Endokrinologie*, 1939, 22: 112-36.—**Shelesnyak, M. C., & Engle, E. T.** The effect of various methods of administration of pregnancy urine on the ovary of the rat. *Anat. Rec.*, 1932, 53: 243-8.—**Smith, P. E.** Hastening development of female genital system by daily homoplastic pituitary transplants. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 131. — Genital system responses to daily, pituitary transplants. *Ibid.*, 337.—**Sulman, F., & Sklow, J.** Gonadotropic response to subcutaneous and intraperitoneal injections of urine prolan in white rats. *Ibid.*, 1940, 43: 656-60.—**Tabei, T.** Ueber den Einfluss der dauernden Injektion des Schwangerenurins auf die weiblichen Geschlechtsorgane der weissen Ratten. *Nippon fujikagakkai zasshi*, 1933, 28: Nos. 8-14, 16.—**Wolf, O. M.** Effect of daily transplants of anterior lobe of pituitary on reproduction of frog (*Rana pipiens* Shreber). *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 692.—**Wolfe, J. M.** Morphologic reaction of the anterior pituitaries of mature female rats to prolonged injections of pregnancy urine extracts. *Anat. Rec.*, 1935, 63: 3-11.—**Zalewski, M.** Action de l'hormone gonadotrope introduite par la voie rectale chez la souris imputère. *C. rend. Soc. biol.*, 1937, 124: 20.

Effect—on castrates.

Baniecki, H. Ueber die Wirksamkeit des Ovarialhormons sowie des Hypophysenvorderlappenhormons auf das Zellbild der Kastrationshypophyse. *Zbl. Gyn.*, 1934, 58: 1034-41.—**Dogliotti, V.** Modificazioni strutturali dell'ipofisi e dell'apparato genitale di ratte ovariectomizzate e sottoposte a trattamento di ormone preipofisario e di urina interna e defollicolinizzata di donna gravida. *Fol. gyn.*, Genova, 1932, 29: 525-50, 3 pl.—**Domn, L. V.** Response in sinistrally ovariectomized leghorns to daily injections of hebin. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 31: 356; 358.—**Emanuel, S.** Effet de l'implantation intrapéritonéale d'hypophyse de rats castrés avant la puberté. *C. rend. Soc. biol.*, 1931, 106: 571-4.—**Kurita, J.** Ueber den Einfluss der Injektion vom Schwangerenurin auf die Atrophie des Uterus des kastrierten erwachsenen Kaninchens. *Nippon fujikagakkai zasshi*, 1935, 30: 25.—**Lucarelli, G.** Modificazioni strutturali in animali maschi, sani e castrati, trattati con ormone sessuale ipofisario. *Biochim. sper.*, 1932, 19: 63-70.—**Moszkowska, A.** Action masculinisante des extraits préhypophysaires sur les cobayes mâles récemment castrés. *C. rend. Soc. biol.*, 1935, 118: 516-8.—**Richter, C. P.** Pregnancy urine given by mouth to gonadectomized rats: its effect on spontaneous activity and on the reproductive tract. *Am. J. Physiol.*, 1934-35, 110: 499-512.—**Trairna Rao, G.** Azione degli estratti preipofisari sui genitali di animali ovariectomizzati. *Riv. ital. gin.*, 1931-32, 13: 372-401.—**Wolfe, J. M.** Morphological comparison of anterior pituitaries of normal castrated female rats and those receiving injections of pregnancy urine extracts. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 32: 184-6.

Effect—on endocrines.

Ratsch, O. *Zur Wirkung des Hypophysenvorderlappens auf die Schilddrüse, insbesondere untersucht mittels Prachormon und Prolan [Heidelberg] 16p. 8°. Düsseldorf, 1934.

Andreis, N. Modificazioni istologiche della tiroide e dei testicoli in seguito a trattamento con estratti preipofisari, con tiroxina e diiodotiroxina sintetica. *Boll. Soc. ital. biol. sper.*, 1933, 8: 1157-63.—**Bau-Kien-Tsing.** Ueber die Wirkung des Harns von Schwangeren auf die Nebennierenrinde der männlichen Maus. *Zschr. Zellforsch.*, 1936, 24: 714-26.—**Boissezon, P. de, & Peyrot, M.** Variations expérimentales du poids des capsules surrénales et du taux de cholestérol de ces organes chez le cobaye ayant reçu des injections d'urine de femme enceinte. *Arch. Soc. méd. biol. Montpellier*, 1934, 15: 307-12.—**Butcher, E. O., & Persike, E. C., jr.** The effect of antuitrin-S on the thymus of the young albino rat. *Endocrinology*, 1938, 23: 501-6.—**Crainiceano, A., Copelman, L.** [et al.] L'action de l'hormone gonadotrope sur la corticale surrénale. *C. rend. Soc. biol.*, 1937, 125: 227.—**Klein, F.** [Effect of prolan and urine of pregnant women on the thymus] *Cas. lék. česk.*, 1935, 74: 1157-62.—**Leiby, G. M.** Effect of antuitrin S on weights of the pituitary, adrenal and thyroid. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 31: 14.—**Lopez, F. S.** Histologische Studie über die Wirkung des Prolan A (Follikelreifungshormon) auf die Nebennieren jugendlicher und geschlechtsreifer weisser Mäuse. *Frank. Zschr.*, 1933-34, 46: 350-7.—**Nenceva, N.** La modificazione del timo, della milza e delle linfoghiandole in animali trattati con urina di donna gravida. *Boll. Soc. med. chir.*, Pavia, 1939, 53: 101-11.—**Riddle, O., Bates, R. W., & Dykshorn, S. W.** Thyroid hypertrophy as a response to the gonad-stimulating hormone of the pituitary. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 794-7.—**Savona, B.** Ormoni preipofisari (urina di gravida e prolan) e modificazioni della corteccia surrenale. *Riv. ital. gin.*, 1935-36, 18: 286-99.—**Takewaki, K.** Effect of injections of pregnancy urine and its gonadotrophic extract on mouse adrenal. *J. Fac. Sc. Univ. Tokyo*, 1935, 4: sect. 4, 83-98, 2 pl.—**Swingle,**

W. W., Parkins, W. M. [et al.] Effect of oestrus and certain gonadotropic hormones on life-span of adrenalectomized animals. *Proc. Soc. Exp. Biol.*, N. Y., 1936, 34: 94-6.

Effect—on fish.

See also Pregnancy, Diagnosis.

Baumann, E., & Szűsz, F. Unsere Erfahrungen über das künstliche Wachstum der Legeröhre weiblicher Bitterlinge. *Zbl. Gyn.*, 1935, 59: 1104.—**Ehrhardt, K., & Kühn, K.** Weitere Untersuchungen über künstliches (hormonales) Wachstum der Legeröhre bei weiblichen Bitterlingen. *Ibid.*, 1934, 58: 2834-42.—**Houssay, B. A.** Action sexuelle de l'hypophyse sur les poissons et les reptiles. *C. rend. Soc. biol.*, 1931, 106: 377.—**Kikugawa, M.** Einflüsse des Schwangerenurins auf die Süsswasserfische, künstliche Verlängerung der Legeröhre und Melanophorenreaktion des japanischen weiblichen Bitterlings. *Zschr. Geburtsh. Gyn.*, 1937, 116: 91-102. — Einflüsse des Schwangerenurins auf die Süsswasserfische; das künstliche Wachstum der Legeröhre bei einigen Fischen. *Ibid.*, 103-5.—**Komori, S.** Einfluss der Hormone auf das Hochzeitskleid. *Mitt. Med. Akad. Kioto*, 1939, 26: 1056, 27: 423.—**Maxia, C.** Prolan e reazione melanoforo-dilatatrice in scaglie di pesce. *Rass. internaz. clin. ter.*, 1938, 19: 847-52.—**Wunder, W.** Experimentelle Erzeugung des Hochzeitskleides beim Bitterling (*Rhodeus amarus*) durch Einspritzung von Hormonen. *Zschr. vergl. Physiol.*, 1930-31, 13: 696-708. *Arch. zool.*, Tor., 1931-32, 16: 841-52.

Effect—on hypophysectomized animals.

Collip, J. B., Selye, H. [et al.] Replacement of gonadotropic action of pituitary in the hypophysectomized rat. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 665-7.—**Elden, C. A.** The pituitary-ovarian relationship in a human hypophysectomized female. *Endocrinology*, 1936, 20: 679.—**Foster, M. A., Foster, R. C., & Hisaw, F. L.** The interrelationship of the pituitary sex hormones in ovulation, corpus luteum formation, and corpus luteum secretion in the hypophysectomized rabbit. *Ibid.*, 1937, 21: 245-59.—**Freud, J.** Gonadotrope Wirkungen bei hypophysectomierten Tieren. *Acta brev. neerl.*, 1932, 2: 162.—**Gothié, S., & Moricard, R.** Etude biométrique du développement testiculaire provoqué par l'injection de gonadotrophine sérique chez le rat hypophysectomisé. *C. rend. Soc. biol.*, 1939, 131: 1212.—**Greep, R. O.** The effect of gonadotropic hormones on the persisting corpora lutea in hypophysectomized rats. *Endocrinology*, 1938, 23: 154-63. — **Fevold, H. L.** The spermatogenic and secretory function of the gonads of hypophysectomized adult rats treated with pituitary FSH and LH. *Ibid.*, 1937, 21: 611-8.—**Guénot, Poux, K., & Held, E.** Action des hormones gonadotropes animales sur femelles de cobayes et rats hypophysectomisés. *Helvet. med. acta*, 1939, 6: 496.—**Cutuly, E., McCullagh, D. R., & Cutuly, E.** The type and degree of gonadal stimulation induced in hypophysectomized male rats parabiotically joined with castrated, cryptorchid, and normal partners. *Endocrinology*, 1937, 21: 241-8.—**Hill, R. T., & Parkes, A. S.** Hypophysectomy of birds; effect of replacement therapy on the gonads, accessory organs and secondary sexual characters of hypophysectomized fowls. *Proc. R. Soc., Lond.*, 1935, 117: ser. B, 210-8, pl.—**Ingle, D. J., Moon, H. D., & Evans, H. M.** Work performance of hypophysectomized rats treated with anterior pituitary extracts. *Am. J. Physiol.*, 1938, 123: 620-4.—**Lane, C. E., & Greep, R. O.** The follicular apparatus of the ovary of the hypophysectomized immature rat and the effects of hypophyseal gonadotropic hormones on it. *Anat. Rec.*, 1935-36, 63: 139-46.—**Leonard, S. L., & Smith, P. E.** Responses of the reproductive system of hypophysectomized rats to injections of pregnancy-urine extracts; the female. *Ibid.*, 1934, 58: 175-203.—**Machiarulo, O.** Die Wirkung der Hypophysectomie auf die Entwicklung der Ovarialfollikel und des Corpus luteum in mit Prolan vorbehandelten Tieren. *Arch. Gyn.*, Berl., 1935, 159: 548-54.—**Reichert, F. L.** Effects of daily pituitary heterotransplants on an hypophysectomized puppy. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 709.—**Pencharz, R. I.** [et al.] Ineffectiveness of prolan in hypophysectomized animals. *Ibid.*, 1931, 28: 843. — Also *Am. J. Physiol.*, 1932, 100: 157-61.—**Robson, J. M.** Maintenance of ovarian and luteal function in the hypophysectomized rabbit by gonadotropic hormones. *J. Physiol.*, Lond., 1937, 90: 125-44, 4 pl.—**Selye, H., Collip, J. B., & Thomson, D. L.** Effect of anterior pituitary-like hormone on the ovary of the hypophysectomized mouse. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 31: 264. — On the effect of the anterior pituitary-like hormone on the ovary of the hypophysectomized rat. *Endocrinology*, 1933, 17: 494-500.—**Smith, P. E., & Leonard, S. L.** Effect of injecting pregnancy-urine extracts in hypophysectomized rats; the male. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 1246. — Also *Anat. Rec.*, 1934, 58: 145-73.—**Wade, N. J.** Histology of the ovary of hypophysectomized rats treated with urinary hebin. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 31: 321.—**Westman, A., & Jacobsohn, D.** Endokrinologische Untersuchungen an Ratten mit durchtrenntem Hypophysenstiel; Reaktion der Ovarien auf Prolanzufuhr. *Acta obst. gyn. scand.*, 1938, 18: 109-14.—**White, W. E., & Leonard, S. L.** Ovarian responses to prolan and anterior pituitary extract in hypophysectomized rabbits with particular reference to ovulation. *Am. J. Physiol.*, 1933, 104: 44-50.

Effect—on the immature.

See also Puberty, precocious.

Adams, A. E., & Granger, B. Stimulation of reproductive tract of the infantile female mouse by anuran anterior pituitary substance. *Proc. Soc. Exp. Biol., N. Y.*, 1938, **38**: 585.—**Adams, A. E., & Tukey, G.** The effect of administering frog anterior pituitary substance to immature female mice. *Anat. Rec.*, 1938, **71**: 1-25.—**Allen, E.** Precocious sexual development from anterior hypophysis implants in a monkey. *Ibid.*, 1928, **39**: 315-21, pl.—**Bachman, C.** Reactions of immature rabbit ovary to gonadotropic extracts. *Proc. Soc. Exp. Biol., N. Y.*, 1936, **34**: 33-7.—**Barnes, B. O., & Fowler, H. M.** Implantation of dog pituitaries into immature rats. *Am. J. Physiol.*, 1935, **113**: 8.—**Benazzi, M.** Azione dell'impianto prepuberale sulla cavia impubère. *Atti Acad. fisior.*, Siena, 1939, **11**, ser. 7: 61.—**Borst, M., & Gostimirović, D.** Ueber die Wirkung des Prolan A auf das Genitale jugendlicher weisser Mäuse. *Zbl. Gyn.*, 1932, **56**: 1618-20.—**Bourg, R.** Les modifications comparées de l'ovaire dans la réaction de Zondek chez la souris et le rat impubère. *C. rend. Soc. biol.*, 1930, **103**: 916-8.—**—** Les lipides de l'épithélium utérin et la triade astrale dans la réaction de Zondek chez la souris et le rat impubère. *Ibid.*, 918.—**—** Etude comparée du testicule et de l'ovaire du rat impubère traité par l'urine de femme gravide des quatre premiers mois. *Ibid.*, **104**: 107.—**—** L'influence des injections d'urine d'homme et d'enfant, sur le développement du tractus génital du rat impubère. *Ibid.*, 1048.—**—** Les modifications provoquées par la gravidité au niveau de l'ovaire et du tractus génital de la chatte impubère. *Ibid.*, 1931, **106**: 926-8.—**Burns, R. K., & Buyse, A.** The effects of extracts of the mammalian hypophysis upon immature salamanders. *Anat. Rec.*, 1931, **51**: 155-85.—**—** The induction of precocious maturity in the reproductive tract of recently metamorphosed female salamanders, by an extract of the mammalian hypophysis. *Ibid.*, 1933, **58**: 37-53.—**Casida, L. E.** Prepuberal development of the pig ovary and its relation to stimulation with gonadotropic hormones. *Ibid.*, 1934-35, **61**: 389-96.—**Courrier, R., & Gros, G.** Action des substances urinaires gonadotropes chez la femelle impubère du singe. *C. rend. Soc. biol.*, 1934, **116**: 1392-5, pl.—**Deanesly, R.** The response of immature rats to various gonadotropic substances. *Q. J. Pharm.*, Lond., 1935, **8**: 651-68.—**Domini, L. V.** Precocious development of sexual characters in the fowl by homeoplastic hypophyseal implants; the male. *Proc. Soc. Exp. Biol., N. Y.*, 1931, **29**: 308.—**—** The female. *Ibid.*, 310-2.—**Dorfmueller, T., & de Fremery, P.** Die Reaktion ganz junger Ratten auf gonadotrope Hormone aus Schwangerham. *Acta brev. neerl.*, 1932, **2**: 215-8.—**Fevold, H. L., Hisaw, F. L.** [et al.] Effect of anterior lobe or anterior lobe-like sex hormone combinations on growth of ovaries of immature rats. *Proc. Soc. Exp. Biol., N. Y.*, 1933, **30**: 914-6.—**Forbes, T. R.** Effect of injections of pituitary whole gland extract on immature alligator. *Ibid.*, 1934, **31**: 1129. Also repr.—**Freed, S. C., & Coppock, A.** Fundamental similarity in the development of gonadotropic response in the immature guinea pig and rat. *Endocrinology*, 1936, **20**: 81-5.—**Fremery, P. de, & Dorfmueller, T.** Die Wirkung gonadotroper Hormone aus Schwangerham auf das weibliche, infantile Meerschweinchen. *Acta brev. neerl.*, 1932, **2**: 97.—**Geist, S. H.** Absence of effect of antuitrin-S injections on the immature ovary. *Proc. Soc. Exp. Biol., N. Y.*, 1934, **31**: 434.—**Guyénot, E., Ponce, K.** [et al.] Action des extraits préhypophysaires alcalins sur la femelle immature du cobaye. *C. rend. Soc. biol.*, 1932, **110**: 19-21.—**—** Implantation d'hypophyses et puberté précoce chez la femelle de cobaye. *Ibid.*, 21-3.—**Hasler, A. D., Meyer, R. K., & Field, H. M.** Spawning induced prematurely in trout with the aid of pituitary glands of the carp. *Endocrinology*, 1939, **25**: 978-83.—**Hertz, R., & Hisaw, F. L.** Effects of follicle-stimulating and luteinizing pituitary extracts on the ovaries of the infantile and juvenile rabbit. *Am. J. Physiol.*, 1934, **108**: 1-13.—**Hill, M.** Note on the effect of age on the response of immature mice to urine of pregnancy. *J. Physiol.*, Lond., 1932, **74**: 44-8.—**Hisaw, F. L., Fevold, H. L., & Leonard, S. L.** Effects of hypophyseal extracts on sexually immature monkeys. *Proc. Soc. Exp. Biol., N. Y.*, 1931, **29**: 204-6.—**Hohlweg, W.** Der Mechanismus der Wirkung von gonadotropen Substanzen auf das Ovar der infantilen Ratte. *Klin. Wschr.*, 1936, **15**: 1832-5.—**Knowles, F. G. W.** The influence of anterior-pituitary and testicular hormones on the sexual maturation of lampreys. *J. Exp. Biol.*, Lond., 1939, **16**: 535-47, 2 pl.—**Mahnert, A.** Ueber die Wirkung des Vorderlappenhormons Prolan auf die Ovarien infantiler Nager. *Zbl. Gyn.*, 1930, **54**: 1730-3.—**Martins, T.** Sur les effets de l'implantation du lobe antérieur de l'hypophyse de grenouilles chez les souris infantiles. *C. rend. Soc. biol.*, 1929, **101**: 957.—**Matthews, S. A.** The effects of implanting adult hypophyses into sexually immature Fundulus. *Biol. Bull.*, 1940, **79**: 207-14.—**Molinengo, L.** Contributo allo studio della reazione ovarica nella topolina impubère all'azione dell'urina di donna gravida. *Clin. ostet.*, 1930, **32**: 385-95.—**Moricard, R.** Relations entre les mitoses de maturation ovulaire et la formation du corps jaune, après injection d'urine de femme enceinte à la souris impubère. *C. rend. Soc. biol.*, 1933, **113**: 303-6.—**Orban, F., & Watrin, M.** Contribution à l'étude des réactions de l'urine de femme gravide sur l'ovaire de souris impubères. *Arch. biol., Liège*, 1929, **39**: 271-92, 3 pl. Also *C. rend. Soc. biol.*, 1929, **100**: 438.—**Pompen, A. W. M., Dingemans, E., & Kober, S.** Gonadotrope Wirkung bei jungen Vögeln. *Acta brev. neerl.*, 1932, **2**: 159.—**Schmidt, I. G.** The effects of

hypophyseal implants from normal mature guinea pigs on the sex organs of immature guinea pigs. *Endocrinology*, 1937, **21**: 461-8.—**—** The effects of hypophyseal implants from guinea pigs with irradiated ovaries on the sex organs of immature guinea pigs. *Ibid.*, 469-75.—**Smith, P. E.** The induction of precocious sexual maturity by pituitary homeo-transplants. *Am. J. Physiol.*, 1927, **80**: 114-25.—**—** & **Engle, E. T.** Precocious sexual maturity in the mouse following pituitary transplants. *Anat. Rec.*, 1926-27, **35**: 22.—**Watrin, J., & Florentin, P.** Etude des glandes endocrines après implantations de lobe antérieur d'hypophyse chez la femelle impubère. *C. rend. Soc. biol.*, 1932, **110**: 1161.—**Zwarenstein, H.** Induction of precocious sexual maturity in immature female mice with amphibian anterior pituitary. *S. Afr. J. M. Sc.*, 1939, **4**: suppl., 18-20.

Effect—on males.

See also Rejuvenation.

Bock, H. [W.] *Die Wirkung des Hypophysen-Vorderlappenhormon auf infantile männliche Mäuse [Marburg] 47p. 8°. Bethel-Bielefeld, 1931.

GRÜBER, R. *Ueber die Wirkung von Hypophysenvorderlappenhormon auf die männlichen Geschlechtsdrüsen. 34p. 8°. Marburg, 1935.

Baker, B. L., & Johnson, G. E. The effect of injections of antuitrin-S on the sexually inactive male ground squirrel. *Endocrinology*, 1936, **20**: 219-23.—**Benoit, J.** Action de divers éclaircissements localisés dans la région orbitaire sur la gonadostimulation chez le canard mâle impubère; croissance testiculaire provoquée par l'éclaircissement direct de la région hypophysaire. *C. rend. Soc. biol.*, 1938, **127**: 909-14.—**Bergman, G.** Welche Wirkung haben Prolaninjectionen auf die Hypophyse männlicher Tiere? *Klin. Wschr.*, 1934, **13**: 136.—**Bischoff, F.** The influence of divided dosage of gonadotropic extracts in the immature male rat. *Am. J. Physiol.*, 1935-36, **114**: 483-7.—**Boeters, H.** Prolanversuche an jungen männlichen Ratten. *Deut. med. Wschr.*, 1930, **56**: 1382-5.—**—** Hypophysenvorderlappenhormone und männliche Sexualorgane. *Arch. Gyn., Berl.*, 1930-31, **144**: 463-5 [Discussion] 475-96.—**—** Das Hypophysenvorderlappenhormon (Prolan) und die männliche Keimdrüse, experimentelle Untersuchungen an Ratten. *Virchows Arch.*, 1931, **280**: 215-74.—**Borst, M., & Gostimirović, D.** Geschlechtsphysiologische Studien; über die Einwirkung des Hypophysenvorderlappenhormons (Prolan) auf juvenile männliche Mäuse. *Münch. med. Wschr.*, 1930, **77**: 473-5.—**Bourg, R.** Les modifications histologiques du tractus génital du rat mâle impubère traité par l'urine de femme enceinte des quatre premiers mois. *C. rend. Soc. biol.*, 1930, **104**: 109.—**—** L'action des injections d'urine de femme gravide chez le rat mâle impubère, chatré ou irradié. *Ibid.*, 1046-8.—**—** Les modifications histologiques du tractus génital du rat mâle impubère, à la suite d'injections prolongées d'urine de femme enceinte. *Ibid.*, **105**: 232-4.—**—** Etude comparée des injections prolongées d'urine de femme enceinte chez le rat impubère mâle irradié et non irradié. *Ibid.*, 1931, **106**: 44.—**—** Les modifications provoquées par la gravidité au niveau du testicule et du tractus génital du chat impubère. *Ibid.*, 928-30.—**Brosius, W. L.** Clinical observations on the effects of Apl (antuitrin-S) on the testicle. *Endocrinology*, 1935, **19**: 69-76.—**Brouha, L., & Simonnet, H.** Action de l'urine de femme gravide sur le tractus génital mâle. *C. rend. Soc. biol.*, 1929, **101**: 368-70.—**—** Nouvelles recherches concernant l'action de l'urine de femme enceinte sur le tractus génital mâle. *Ibid.*, 1930, **103**: 558-60.—**—** & **Hinglais, H.** L'action de l'urine de femme enceinte sur le tractus génital de la souris et en particulier de la souris mâle; son utilisation pour le diagnostic biologique de la grossesse; remarques sur quelques conclusions à en tirer pour la physiologie gravidique. *Bull. Acad. méd., Par.*, 1930, **3**, ser., **103**: 105-60.—**Byerly, T. C., & Burrows, W. H.** Chick testis weight response to gonadotropic hormone. *Endocrinology*, 1938, **22**: 366-9.—**Colombi, C.** Influenza dell'ormone ipofisario anteriore sui testicoli della cavia. *Boll. Soc. ital. biol. sper.*, 1931, **6**: 423-5.—**Courrier, R., & Gros, G.** Action des substances urinaires gonadotropes chez le singe mâle impubère, étude cytologique de la réaction diastématique. *C. rend. Soc. biol.*, 1934, **116**: 1396-8.—**Czyżak, J., & Prochorow, M.** Der Einfluss der Hypophysenvorderlappenhormone auf den Einflus-apparat der männlichen Maus. *Zbl. Gyn.*, 1931, **55**: 1965-71.—**Evans, L. T.** The effect of antuitrin S on the male lizard, *Anolis carolinensis*. *Anat. Rec.*, 1935-36, **62**: 213-20, pl.—**Foncin, R.** Réaction des testicules de jeunes cobayes impubères en cryptorchidie expérimentale aux injections répétées d'urine de femme gestante. *C. rend. Soc. biol.*, 1931, **107**: 521-3.—**—** Action des injections prolongées d'urine de femme gestante sur les testicules de cobayes en cryptorchidie expérimentale. *Ibid.*, 1023.—**—** Réactions tardives des caractères sexuels secondaires du cobaye-cryptorchide après injections prolongées d'urine de femme gestante. *Ibid.*, **108**: 1198-200.—**Gaarenstroom, J. H.** The effect of pregnancy urine on the seminiferous tubuli in the rat. *Acta brev. neerl.*, 1940, **10**: 14-8.—**Geréb, P.** Ueber den Einfluss der weiblichen Geschlechtshormone auf die juvenilen männlichen Keimdrüsen; die Wirkung des Schwangerenurins auf die männlichen Keimdrüsen bei juvenilen weissen Mäusen. *Zschr. Geburtsh. Gyn.*, 1930-31, **99**: 443-51.—**Greep, R. O., Fevold, H. L., &**

- Hisaw, F. L. Effects of 2 hypophyseal gonadotropic hormones on the reproductive system of the male rat. *Anat. Rec.*, 1936, 65, 3: 261-71.—Herlant, M. Influence des injections d'urine de femme enceinte sur le tractus génital mâle du hérisson hibernant. *C. rend. Soc. biol.*, 1931, 106: 1262-4.—Hertwig, G. Die dritte Reifeteilung in der Spermiogenese des Menschen und der Katze und ihre experimentelle Auslösung durch Prolan im jugendlichen Rattenhoden. *Zschr. mikr. anat. Forsch.*, 1933, 33: 373-400.—Jongh, S. E. de. Die Wirkung der Sexualhormone der Hypophyse auf männliche Tiere. *Arch. ges. Physiol.*, 1930-31, 226: 547-58.—& Laqueur, E. Wirkung des Hypophysenvorderlappenhormons auf die Genitalia bei senilen männlichen Tieren. *Arch. néerl. physiol.*, 1931, 16: 84-90.—Kehl, R. Mode d'action des extraits hypophysaires antérieurs de mammifères sur les caractères sexuels secondaires du discoglossus mâle. *C. rend. Soc. biol.*, 1935, 120: 10-2.—Kraus, E. J. Die Wirkung des Prolan (Aschheim-Zondek) auf die männlichen Geschlechtsorgane; auf Grund von Versuchen an Maus und Ratte. *Klin. Wschr.*, 1930, 9: 1493-5.—Zur Entstehung der Zwischenzellenwucherung im Hoden mit Prolan behandelte Tiere. *Virechows Arch.*, 1931, 280: 884-7.—Lahr, E. L., Riddle, O., & Bates, R. W. Effects of prolactin and follicle-stimulating hormone on the adult dove testis. *Am. J. Physiol.*, 1935, 113: 84.—Histological changes induced in the testes of immature doves and pigeons by gonadotropic hormone. *Ibid.*, 1936, 116: 94.—Lucchese, G. L'azione dell'ormone sessuale ipofisario sulla ghiandola genitale maschile. *Policlinico*, 1936, 43: sez. chir., 1-11.—Molien, M., D'Amour, F. E., & Gustavson, R. G. Effects of urinary hebin upon immature male rats. *Endocrinology*, 1933, 17: 295-8.—Morosly, L. [Experiments with the hormone of the anterior pituitary on stallions] *Allatorv. lap.*, 1936, 59: 75-8.—Neumann, H. O. Hypophysenvorderlappenhormon (Prolan) und die männliche Gonade. *Zbl. Gyn.*, 1931, 55: 407-15.—Hypophysenvorderlappen und männliche Keimdrüse. *Med. Klin.*, 1934, 30: 702-4.—& Péter, F. Die Beeinflussung der Geschlechtsfunktion junger männlicher Tiere durch Prolan. *Zbl. Gyn.*, 1932, 56: 34-40.—Os, P. M. van. The influence of the gonadotropic hormone from the urine on the testis with degenerated seminal tubules. *Acta brevina neerl.*, 1936, 6: 151-5.—[How does pregnil affect the testicle?] *Ned. tsschr. geneesk.*, 1937, 81: 1604-6.—Pagés Maruny, S., & Ferrer, D. Reacción del testículo a la hormona antihipofisaria de la madurez follicular. *Rev. méd. Barcelona*, 1935, 23: 33-43.—Pighini, G. Ormone preipofisario ed apparato genitale maschile, contributo al problema della maturazione puberale. *Biochim. ter. sper.*, 1933, 20: 161-83.—Rubinstein, H. S., & Abarbanel, A. The influence of the water-soluble gonadotropic factor of pregnancy urine on the testes of the normal immature and mature rat. *J. Lab. Clin. Med.*, 1938-39, 24: 799-803.—Schapiro, B. Kann man mit Hypophysenvorderlappen den unterentwickelten männlichen Genitalapparat beim Menschen zum Wachstum anregen? *Deut. med. Wschr.*, 1930, 56: 1605-7.—Klinische Studien über die Wirkung des Hypophysenvorderlappens auf den männlichen Genitalapparat. *Zschr. klin. Med.*, 1930, 114: 610-22.—Schockaert, J. A. Response of the male genital system of the immature domestic duck to injections of anterior-pituitary substances. *Anat. Rec.*, 1931, 1: 381-99.—Also *Acta brevina neerl.*, 1931, 1: 133-6.—Also *C. rend. Soc. biol.*, 1931, 108: 429-31.—Schreiber, B. Ulteriori osservazioni sull'azione di ormoni preipofisarii sul maschio di anguilla. *Boll. Soc. ital. biol. sper.*, 1935, 10: 818-21.—Ulteriori osservazioni sugli elementi della linea germinale maschile in anguille maturate artificialmente con prolano. *Monit. zool. ital.*, 1937, 47: suppl., 197-200.—Also *Verh. Anat. Ges.*, 1937, 44: 138.—Schweizer, M., Charipper, H. A., & Kleinberg, W. Experimental studies of the anterior pituitary; functional activity of anterior pituitary grafts in the adult male guinea pig. *Endocrinology*, 1940, 26: 979-85.—Turner, C. D. The effects of antuitrin-S on the male genital organs of the lizard (*Eumeces laticeps*) during seasonal atrophy. *Biol. Bull., Lancaster*, 1935, 69: 143-58.—Vacek, T. Influence chalonique du lobe antérieur de l'hypophyse sur les testicules des oiseaux. *C. rend. Soc. biol.*, 1934, 117: 159.—Voss, H. E., & Loewe, S. Geschlechtsprägende Wirkungen des Hypophysenvorderlappens am Menschen. *Arch. ges. Physiol.*, 1927-28, 218: 604-9.—Wiesner, B. P. On the reactivation of the senile testis of the rat by means of injections of gonadotrope hormones. *Edinburgh M. J.*, 1930, n. ser., 37: 229-36, pl.—Wolfe, J. M., & Phelps, D. Reactions of anterior pituitaries of male rats to administration of anterior pituitary-like substance and to oestrin. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 1305-9.
- (1936) 1937, n. F., 60: 28.—Buyse, A., & Burns, R. K., jr. Ovulation in the neotenic *Amblystoma tigrinum* following administration of extract of mammalian anterior hypophysis. *Proc. Soc. Exp. Biol.*, N. Y., 1931, 39: 80.—Chertok, R. A., & Penkov, G. V. [Effect of hormones of the anterior lobe of the pituitary gland on nonfunctioning ovaries] *J. akush.*, 1934, 45: 94-8.—Also *Mschr. Geburtsh. Gyn.*, 1934, 97: 146-53.—Engle, E. T. Gonad-stimulating hormone of anterior pituitary and heterosexual ovarian grafts. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 83.—The effect of intravenous administration of the pregnancy urine factor on the ovaries of Rhesus monkeys. *Am. J. Physiol.*, 1934, 108: 528-34.—Foster, M. A. The differential action of pituitary gonadotropic hormones upon the secretory capacity of the Graafian follicle and corpus luteum. *Ibid.*, 1938, 121: 633-9.—Friedman, M. H. Effect of injections of urine from pregnant women on ovary of the rabbit. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 720.—On the mechanism of ovulation in the rabbit, the effect of direct intrafollicular injections of extracts of urine of pregnancy. *Am. J. Physiol.*, 1932, 99: 332-5.—The production of functional corpora lutea by the direct intrafollicular injection of extracts of pregnancy urine. *Ibid.*, 1931: 482-93.—Also *J. Pharm. Exp. Ther.*, 1932, 45: 7-18.—Geist, S. H. Reaction of the mature human ovary to antuitrin-S. *Tr. Am. Gyn. Soc.*, 1933, 58: 231-6.—Also *Am. J. Obst.*, 1933, 26: 588-92.—Goecke, H., & Wirz, P. Die Wirkung des Hypophysenvorderlappenhormons auf das Ovarium (nach Halbsseitenkastration und Reimplantation eines Ovariums) *Arch. Gyn.*, Berl., 1930-31, 44: 451 [Discussion] 475-96.—Guthrie, M. J., & Jeffers, K. R. The ovaries of the bat, *Myotis lucifugus* lucifugus, after injection of hypophyseal extract. *Anat. Rec.*, 1938, 72: 11-36.—Hamblen, E. C. Study of ovaries after administration of a gonadotropic principle of anterior pituitary. *Endocrinology*, 1936, 20: 321-8.—& Ross, R. A. Responses of the human ovary to gonadotropic principles. *Ibid.*, 1937, 21: 722-6.—Hamlett, G. W. D. The effects of antuitrin S and pituitary extract upon the armadillo ovary. *Anat. Rec.*, 1935-36, 62: 201-7.—Hartman, C. G., & Squier, R. R. The follicle-stimulating effect of pig anterior lobe on the monkey ovary. *Ibid.*, 1931, 50: 267-73.—Hill, M., & Parks, A. S. On the relation between the anterior pituitary body and the gonads: the induction of ovulation in the anaestrous ferret. *Proc. R. Soc., Lond.*, 1930, ser. B, 107: 39-49, 2 pl.—Hirsch-Hoffmann, H. U. Ueber die Einwirkung der im Schwangerschaft vorhandenen Hypophysenvorderlappenhormone auf die Ovarien erwachsener Mäuse. *Zbl. Gyn.*, 1932, 56: 2538-40.—Hoffman, J. The effect of anterior hypophyseal implants upon senile ovaries of mice. *Am. J. Obst.*, 1931, 22: 231-8.—Jares, J. J. Failure to induce ovulation in the guinea pig by intravenous injection of the urine of pregnancy. *Anat. Rec.*, 1931, 49: 185-9.—Johnson, C. E. Ovarian response in monkeys (*Macacus rhesus*) to injections of antuitrin-S. *Am. J. Obst.*, 1935, 29: 120-2.—Kehl, R. Action d'un extrait d'hypophyse antérieure de mammifère sur la ponte des batraciens. *C. rend. Soc. biol.*, 1930, 103: 744.—Kennedy, W. P. Regression of anterior pituitary reactions II and III in the mouse ovary. *J. Exp. Biol., Lond.*, 1934, 11: 262-6.—Also repr.—Koch, W. Ueber den Einfluss von Prolan auf die Legetätigkeit der Vögel; Versuche an Hühnern, deren Legetätigkeit gestört war. *Klin. Wschr.*, 1934, 13: 1647.—Die Beeinflussung der Legetätigkeit normaler legender Hennen. *Ibid.*, 1935, 14: 1850.—Leonard, S. L., & De Frances, J. Further studies on the relation of the thyroid and hypophysis to ovarian responses of menopause urine extracts. *Endocrinology*, 1940, 26: 255-8.—Lipschütz, A. Ueber das mikroskopische Verhalten des Eierstocks der Ratte nach Zufuhr von Hypophysenhormon vom Meerschweinchen. *Arch. ges. Physiol.*, 1932-33, 231: 336-40.—Loeb, L. The structural changes which anterior pituitary hormones produce in the ovary of the guinea pig. *In Anniv. Vol. R. T. Frank*, 1937, 189-99.—Loeser, A. Die Wirkung von Hypophysenvorderlappenspulver auf das Ovarium. *Arch. exp. Path., Berl.*, 1930, 148: 377-80.—Hypophysenvorderlappenspulver und Ovarium; qualitative Wirkung. *Ibid.*, 1930: 106-18.—Nizza, M., & Berutti, E. Particolare reazione nell'ovaio di coniglia, trapiantato dopo trattamento con ormoni gonadotropici. *Ginecologia, Tor.*, 1936, 2: 981-90.—Noether, P. Wirkung von Hypophysen-Vorderlappen auf die Ovulation des Huhns. *Arch. exp. Path., Berl.*, 1931, 160: 369-74.—Patch, E. M. Fertility and development of new eggs obtained after anterior lobe implants. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 31: 370.—Peissachowitsch, I., & Kaplan, E. Wird der Eierstock durch das gonadotrope Hormon Prolan sensibilisiert? *Zbl. Gyn.*, 1935, 59: 1223-8.—Ponse, K. La ponte artificielle chez *Rana temporaria*. *C. rend. Soc. biol.*, 1936, 121: 1397-400.—Selye, H., & Collip, J. B. Production of exclusively thecal luteinization and continuous oestrus with anterior-pituitary-like hormone. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 647-9.—Simpson, S. Pituitary feeding and egg production in the domestic fowl. *Ibid.*, 1919-20, 17: 87.—Trettenner, M. Azione degli ormoni gravidici sull'ovaio umano e sul ciclo mestruale. *Riv. ital. gin.*, 1936-37, 19: 380-404.—Watrin, J., & Florentin, P. L'influence de l'hormone hypophysaire sur l'ovaire est-elle spécifique? *C. rend. Soc. biol.*, 1929, 101: 1200.—Westman, A. Ueber die Wirkung von Prolan auf menschliche Ovarien. *Zbl. Gyn.*, 1935, 59: 1090-7.—Wirz, P., & Goecke, H. Die Wirkungsweise der Hypophysenvorderlappenhormone auf das Ovarium. *Arch. Gyn.*, Berl., 1931, 147: 751-8.—Zawadzinski, T. [Effect of urine of pregnant women on the adult ovary of a rat] *Gin. polska* 1937, 16: 290-300.—Zondek, B. Ueber die Rück-

Effect—on the ovary.

Adams, A. E. Egg-laying in *Triturus viridescens* following pituitary transplants. *Proc. Soc. Exp. Biol.*, N. Y., 1929-30, 28: 433-5.—Anselmino, K. J., & Hoffmann, F. Ueber die Wirkung des Prolan am menschlichen Ovar und über seine Beziehung zum Hypophysenvorderlappen. *Zschr. Geburtsh. Gyn.*, 1935, 111: 26-36.—Aron, M. Action de la préhypophyse sur l'ovaire du cobaye. *C. rend. Soc. biol.*, 1931, 108: 25-7.—Aschheim, S. Ueber die Wirkungsart gonadotroper Stoffe auf den Eierstock. *Arch. Gyn.*, Berl., 1933-34, 155: 44-66.—Boissezon, P. de. Action de l'injection d'urines de femme enceinte sur le poids des ovaires du cobaye. *Arch. Soc. sc. méd. biol. Montpellier*, 1934, 15: 290-2.—Buschbeck, H. Zur Wirkung des Hypophysen-Vorderlappen-Hormons auf den menschlichen Eierstock. *Ber. Phys. med. Ges. Würzburg*

building der durch Prolan erzeugten Ovarialveränderungen. Klin. Wschr., 1933, 12: 855.

— Effect—on the pituitary.

See subheading Formation: Variation.

— Effect—on pregnancy.

Bergmann, F. Die Wirkung von Pregnyl bei schwangeren Ratten. Acta brev. neerl., 1934-35, 4: 21.—Coco, R. M. The effects of antuitrin-S, progesterin and a vital dye on late pregnancy in the rat. Endocrinology, 1940, 26: 1057-63.—Engle, E. T., & Mermod, C. The effect of daily transplantation of the anterior lobe on the course of pregnancy in the rat and mouse. Am. J. Physiol., 1928, 85: 518-26. Evans, H. M., & Simpson, M. E. Impairment of the birth mechanism due to hormones from the anterior hypophysis. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 595-7.—Loeser, A. Künstliche Ovulation während der Schwangerschaft durch Hypophysenvorderlappen. Klin. Wschr., 1930, 9: 1855-7.—Selye, H., Collip, J. B., & Thomson, D. L. The effect of gonadotropic hormones during gestation and lactation. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 530-4.—Teel, H. M. The effects of injecting anterior hypophyseal fluid on the course of gestation in the rat. Am. J. Physiol., 1926, 79: 170-83.

— Effect—on sex behavior and genital organs.

Krüger, H. *Ueber die Veränderungen des weiblichen Geschlechtsapparates nach parenteraler Zufuhr von Hypophysenvorderlappenpräparaten. 47p. 8°. Greifsw., 1935.

Receveur, P. *Contribution à l'étude de l'influence des hormones antéhypophysaires sur l'appareil génital des oiseaux [Alfort] 104p. 8°. Par., 1934.

Steigleder, H. *Beitrag zur Wirkung des Vorderlappenhormons auf den Uterus [Kiel] 12p. 8°. Würzb., 1932.

Amicarelli, A. Influenza degli estratti sessuali e ipofisario anteriore sulla vagina e sull'utero. Boll. Soc. ital. biol. sper., 1935, 10: 613-5.—Aron, M. Réaction de l'utérus et du vagin à l'administration de gonado-stimuline, chez le cobaye et le lapin. C. rend. Soc. biol., 1931, 108: 1216-8. —L'hormone préhypophysaire excito-sécrétrice des glandes endocrines génitales (gonadostimuline) contribution à l'étude histophysiologique de l'ovaire et du testicule. Arch. anat., Strasb., 1932-33, 15: 237-423. —Injection d'extrait préhypophysaire au foetus de cobaye in utero; action sur les glandes génitales. C. rend. Soc. biol., 1933, 113: 1069-71.—Bardeen, H. W. Sexual reactions of certain anurans after anterior lobe implants. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 846-8.—Benazzi, M. Dimostrazione di due diverse reazioni dell'apparato genitale femminile di Triton cristatus agli estratti preipofisari. Atti Accad. fisicor. Siena, 1939, 11. ser., 7: 118.—Bolaffi, R. Ricerche istochimiche sul glicogene uterino ed ovarico di coniglie artificialmente maturate sotto lo stimolo degli iniezioni urinarie gravidiche. Ginecologia, Tor., 1937, 2. ser., 3: 303-18.—Borst, M., & Gostimirović, D. Die Wirkung des Prolan A auf die männliche und jugendliche weibliche Keimdrüse. Münch. med. Wschr., 1931, 78: 19-24.—Bradbury, J. T. Masculinization of the female rat by gonadotropic extracts. Am. J. Physiol., 1939, 126: 441. —& Gaensbauer, F. Masculinization of the female rat by gonadotropic extracts. Proc. Soc. Exp. Biol., N. Y., 1939, 41: 128-31.—Brouha, L., & Simonnet, H. Nouvelles recherches concernant l'action de l'urine de femme enceinte sur le tractus génital femelle. C. rend. Soc. biol., 1930, 103: 561. —Comparaison de l'action de l'urine de femme enceinte sur le tractus génital mâle et sur le tractus génital femelle. Ibid., 661-3.—Burns, R. K., jr. Effect of hypophyseal hormones upon amblystoma larvae, following transplantation or injection, with special reference to the gonads. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 836-8.—Domm, L. V., & Dennis, E. A. Effect of pituitary hebin upon reproductive system of the chick embryo. Ibid., 1937, 36: 766-9.—Dryerre, H. The effect of prolactin upon fertility in the silver fox. J. Physiol., Lond., 1939, 96: Suppl., 35.—Engle, E. T. Uterine bleeding of the interval type in Macacus monkey during injections of extracts of pregnancy urine. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 1224.—Evans, H. M., & Simpson, M. E. Stimulation of placenta reaction in vaginal endometrium by treatment with anterior hypophyseal hormone. Ibid., 1928-29, 26: 597.—Friedgood, H. B. Induction of estrous behavior in anestrous cats with the follicle-stimulating and luteinizing hormones of the anterior pituitary gland. Am. J. Physiol., 1939, 126: 229-33.—Fujimori, H., Ikegami, T., & Yoshimura, M. Ueber den direkten Einfluss des Hypophysenvorderlappenhormons auf die Kaninchenuterusbewegung. Jap. J. Obst., 1937, 20: 284-90.—Gigineishvili, M. S. [Effect of pregnancy urine hormones on an isolated uterus] Akush. gin., 1939, No. 4, 42-7.—Gildardino, E. Azione degli ormoni a tipo preipofisario sulla funzione riproduttiva degli animali. Riv. ital. gin., 1933, 15: 13-29.—Gustavson, R. G., & Van Dyke, H. B. Further observations on the pregnancy-response of the uterus of the cat. J. Pharm. Exp. Ther.,

1931, 41: 139-46.—Guyénot, E., Ponce, K., & Trollet, I. Action masculinisante de l'urine de femme enceinte. C. rend. Acad. sc., 1934, 198: 1830-2.—Hamblen, E. C. Results of preoperative administration of an extract of pregnancy urine: a study of the ovaries and of the endometria in hyperplasia of the endometrium following such administrations. Endocrinology, 1935, 19: 169-80.—Herlant, M. Influence des injections d'urine de femme enceinte sur le tractus génital femelle du hrisson hibernant. C. rend. Soc. biol., 1931, 106: 1264-6.—Hill, M., & Parkes, A. S. Attempts to promote the re-formation of germ cells. J. Anat., Lond., 1930-31, 65: 212-4.—Hofbauer, J. Stimulating influence of the anterior pituitary upon the squamous epithelium of the cervix uteri. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 1011-3.—Hoopes, E. C. Prolonged pregnancy in albino rat following injection of pregnancy urine extract. Ibid., 1934, 31: 1115-7.—Houssay, B. A., Giusti, L., & Lascano-Gonzalez, J. M. Implantation d'hypophyse et stimulation des glandes et des fonctions sexuelles du crapaud. C. rend. Soc. biol., 1929, 102: 864-6.—Hering, R. von. Die Wirkung von Hypophyseninjektionen auf den Laichakt von Fischen; Kannibalismus bei Diploiden. Zool. Anz., 1935, 111: 273-9. —& Azevedo, P. de. Ueber die Wirkung des Säugetier-Hypophysenhormons auf den Laichakt der Fische. Ibid., 1937, 120: 71-5.—Inés, & Allende, L. C. de. Influence directe de l'hypophyse sur l'oviducte des batraciens. C. rend. Soc. biol., 1939, 130: 163-5.—Kaay, F. C. van der, & Vink, L. P. H. J. de. Untersuchungen über die Wirkung der gonadotropen Hormone auf Ovarium und Uterus von Hunden. Arch. Gyn., Berl., 1939, 169: 721-53.—Kakushkina, E. A. The effect of prolactin on the reproductive system of vixens at different periods of the reproductive cycle. Bull. biol. méd. exp. URSS, 1937, 4: 29-31.—Kelly, G. L. The effect of anterior hypophysis on conception and pregnancy in the guinea pig. Surg. Gyn. Obst., 1933, 57: 216-9.—Klingler, H. H., & Burch, J. C. The effect of extracts of the urine of pregnant women on the hyperplastic endometrium. Am. J. Obst., 1933, 26: 17-21.—Kraft, R. M. The effects of the gonadal-stimulating hormone of the anterior pituitary on the voluntary activity, the age of maturity and the size of the litter in immature female albino rats. Am. J. Physiol., 1932, 102: 355-64.—Kushinsky, G. Ueber die Wirkung des Prolans auf die Funktion der lipoidhaltigen Zellen der Keimdrüsen. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 141.—Leatham, J. H., & Morrell, J. A. Induction of mating in the dog with pregnancy urine extract. Endocrinology, 1939, 24: 149-56.—Leblond, C. P. Action des gonado-stimulines hypophysaires A et B sur les glandes génitales des pigeons mâles et femelles. C. rend. Soc. biol., 1938, 127: 1248-51.—Lépine, P. Action des doses élevées d'extrait d'hypophyse antérieure sur l'aptitude du rat à la reproduction. Ibid., 1931, 107: 32-4.—Liakhovetsky, A. M., & Khvatov, B. P. Der Einfluss von Gonadenstimulatoren auf die Eiheilung von transplantierten Geschlechtsdrüsen. Bull. biol. méd. exp. URSS, 1937, 4: 11.—Liebhart, S., & Dubicki, M. [Effect of the gonadotropic hormone on the sexual organs of the mouse] Polska gaz. lek., 1937, 16: 988. Also Gin. polska, 1938, 17: 401-9.—Maurizio, E. Azione dell'urina di gravidanza sugli organi genitali degli animali da laboratorio. Rass. ostet., 1930, 39: 591-5.—Mellich, C. H. The effects of anterior pituitary extract and certain environmental conditions on the genital system of the horned lizard (Phrynosoma cornutum, Harlan). Anat. Rec., 1936-37, 67: 23-32, pl.—Morató Manaro, J., & Albrieux, A. Masculinización de cobayas hembras infantiles por el prolactin; dosificaciones hormonales en la orina y ovario. Rev. biol. S. Paulo, 1938-39, 9: 79-82.—Nespor, E. Ueber den Einfluss des gonadotropen Hormones aus Schwangersharn auf den Vitamin C-Spiegel in den Keimdrüsen des Meerschweinchens. Klin. Wschr., 1937, 16: 567.—Osima, M. Experimental studies on the function of the anterior hypophysis; induced sexual activity in the frogs. Sc. Rep. Tôhoku Univ., 1937-38, 12: 195-202.—Payne, S. A., & Shelton, E. K. The effect of an anterior pituitary sex fraction upon the development of the human uterus. Endocrinology, 1938, 23: 598-608.—Philipp, E. Die Wirkung von Hypophysenvorderlappen und von Placenta auf die Uterusschleimhaut beim Kaninchen. Zbl. Gyn., 1931, 55: 929-41.—Reiss, M., Selye, H., & Balint, J. Ueber die Wirkung alkalischer Hypophysenvorderlappenextrakte auf das Genitale der weiblichen Ratte. Endokrinologie, 1931, 8: 15-22.—Reynolds, S. R. M. Anterior pituitary therapy and uterine motility in the unanesthetized rabbit. Proc. Soc. Exp. Biol., N. Y., 1932, 30: 59-61.—Riddle, O., & Polhemus, I. Studies on the physiology of reproduction in birds; effects of anterior pituitary hormones on gonads and other organ weights in the pigeon. Am. J. Physiol., 1931, 98: 121-30.—Rock, J. Changes in the endometrium after female sex endocrine therapy; a consideration of the effect of antuitrin S in human subjects. Endocrinology, 1935, 19: 269-74.—Rosahn, P. D., Greene, H. S. N., & Hu, C. K. Observations on the treatment of infertile rabbits with antuitrin S. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 1008-10.—Rosenblatt, J. Bemerkungen zur Arbeit von Dr. E. Stöckl Pozán: Ueber den Einfluss von Hypophysenvorderlappenhormon auf das innere Genitale der geschlechtsreifen Frau. Zbl. Gyn., 1935, 59: 90.—Rosselli, G. Azione farmacologica del prolactin sull'attività contrattile dell'utero isolato. Riv. ital. gim., 1935-36, 18: Suppl., 193-206.—Rugh, R. Pituitary-induced sexual reactions in the Anura. Biol. Bull., Lancaster, 1935, 68: 74-81.—Shapiro, H. A. The influence of the pituitary-like substance in human pregnancy urine on the motor components

of sexual behaviour in the South African clawed toad (*Xenopus laevis*). S. Afr. J. M. Sc., 1936, 1: 107-13.—**Stöckl, E.** Ueber den Einfluss von Hypophysenvorderlappenhormon auf das innere Genitale der geschlechtsreifen Frau. Zbl. Gyn., 1934, 58: 2484-91.—**Stricker, P., & Grueter, F.** Recherches expérimentales sur les fonctions du lobe antérieur de l'hypophyse: influence des extraits du lobe antérieur sur l'appareil génital de la lapine et sur la montée lactée. Presse méd., 1929, 37: 1268-71.—**Tuchmann, H.** L'influence de l'extrait de lobe antérieur de l'hypophyse sur le tractus génital d'un labridé. C. rend. Soc. biol., 1936, 123: 972-5.—**Vercesi, C.** La reazione deciduale da prolan A studiata con la coltura in vitro. Fol. gyn., Genova, 1934, 31: 267-80.—**Verkhatsky, S.** [Effect of prolan on genital apparatus of experimental animals] Vrach. delo, 1931, 14: 352-6.—**Watrin, J.** Influence du lobe antérieur de l'hypophyse sur le tractus génital chez le cobaye. C. rend. Soc. biol., 1929, 101: 1198.—**Winter, E. W.** Beitrag zur Wirkungsweise des Hypophysenvorderlappenhormons Prolan auf die Genitalorgane weiblicher Kaninchen. Zschr. Geburtsh. Gyn., 1931, 101: 196-210.—**Zondek, B.** Menstruation-like hemorrhage in rabbits induced by gonadotropic hormone: is there a third hormone in the ovary which causes bleeding? J. Obst. Gyn. Brit. Empire, 1938, 45: 1-21, 8 pl.—**Sulman, F.** Vaginal cycle of *Microtus guentheri* and its response to estrogenic and gonadotropic hormones. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 86-8.

Effect—on various functions and organs.

BERCHTOLD, F. *Verhalten der Leukoeyten nach Injektion von Prähormon [Kiel] p.827-41. 8° Berl., 1931.

Also Zschr. ges. exp. Med., 1931, 75:

DRENCKHAHN, W. *Die Wirkung des Prolans auf die glatte Muskulatur des Kaninchendünndarms und des Schweineureters. 11p. 8° Kiel, 1934.

Artom, C., & Caccioppo, F. Ormoni sessuali femminili e metabolismo gassoso; azione degli ormoni prolantici. Boll. Soc. ital. biol. sper., 1937, 12: 703-5.—**Bak, M.** Die Wirkung des Schwangerenharnes auf die Entwicklung von Kornfrüchten. Mschr. Geburtsh. Gyn., 1935-36, 101: 45-54.—**Borgström, S.** Der Magnesiumgehalt im Serum nach Prolaninjektion. Skand. Arch. Physiol., Berl., 1938, 78: 73-5.—**Brouha, L., & Chevillat, L.** Recherches sur le métabolisme gazeux du lapin après injection du principe gonadotrope de l'urine de femme enceinte. C. rend. Soc. biol., 1932, 110: 237-9.—**Cacioppo, F., & Fazio, F.** Ormoni sessuali femminili e metabolismo gassoso, azione degli estratti preipofisari, prima e dopo trattamento col calore. Boll. Soc. ital. biol. sper., 1938, 13: 955.—**Cannavò, L.** Intorno all'influenza del Prolan sui tumori da innesto del topino. Riforma med., 1933, 49: 278.—**Indovina, R.** Ueber den Magnesiumgehalt der Blutkörperchen nach Prolandarrichtung. Biochem. Zschr., 1932, 250: 405-9.—**Churg, J.** [The rôle of the sexual organs and the gonadotropic hormone in variations of the complement] Polska gaz. lek., 1936, 15: 973-5.—**Die Rolle des sexuellen Apparates bei den Schwankungen des Komplementgehalts im Kaninchenserum unter dem Einfluss des gonadotropen Hormons.** Zschr. Immunforsch., 1936, 89: 488-97.—**Ciaglia, L.** Increti sessuali femminili e colesterolemia; azione delle iniezioni di urina di donna gravida. Riv. pat. sper., 1936-37, 16: 373-85.—**Tore, D.** Increti sessuali femminili e colesterolemia; azione di preparati prolantici e preipofisari. Ibid., 237-50.—**Demanche, R., Laroche, G., & Simonnet, H.** Action neutralisante exercée in vitro sur le pouvoir hémostatique du sérum sanguin de sujets humains normaux par le principe gonadotrope; influence de l'âge et du sexe. C. rend. Soc. biol., 1937, 125: 821-3.—**De Maria, G.** La riserva alcalina negli animali trattati con urina di donna gravida. Clin. ostet., 1933, 35: 657-62.—**Di Bella, L.** Influenza del prolan sul ricambio del calcio nelle rane. Boll. Soc. ital. biol. sper., 1937, 12: 386.—**Dingemans, E., & Kober, S.** Does the anterior-hypophyseal substance prepared from pregnancy urine raise the blood-sugar level? Endocrinology, 1933, 17: 149-51.—**Penicia, M.** L'ipofisi e il ricambio degli idrati di carbonio; influenza del prolan sulla glicoregolazione. Endocr. pat. cost., Bologna, 1936, 11: 320-37.—**Fiorini, E.** Modificazioni indotte nel sangue di cavia in seguito a trattamento con urina di donna gravida. Pathologica, Genova 1933, 25: 435-9.—**Ulteriori ricerche sperimentali sull'azione dell'urina di gravida nel sangue di cavia.** Arch. Soc. ital. chir., 1934, 40: 806-9.—**Gaebler, O. H.** Action of the anterior pituitary-like substance of urine on the metabolism of dogs. Endocrinology, 1935, 19: 63-8.—**Gaessler, E. O.** Beeinflussen die Hypophysenvorderlappenspräparate des Schwangerenharns den Ruhegrundumsatz und die spezifisch-dynamische Eiweißwirkung? Mschr. Geburtsh. Gyn., 1932, 92: 397-9.—**Geist, S. H., Spielman, F.** Antuitrin-S effect upon blood elements. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 353.—**Guercio, F.** Influenza delle iniezioni di urina di gravida sul magnesio, sul calcio e sul fosforo del sangue. Boll. Soc. ital. biol. sper., 1934, 9: 1057-60.—**Johnston, J. A., & Maroney, J. W.** Observations on nitrogen and calcium balances as affected by growth and gonadotropic hormones administered for short periods to growing children. Endocrinology, 1939, 25: 199-210.—**Klodt, W.** Zur Einwirkung des gonadotropen Hypophysenvorderlappenhormons (Prolan) auf das Elektrolyt-

system. Arch. exp. Path., Lpz., 1937, 186: 281-6.—**Kusakabe, S., Mizuno, M.** [et al.] Einfluss des sogenannten Hypophysenvorderlappenhormons Prolans auf Stoffwechsel und Blutbild. Jap. J. M. Sc., 1938-39, 5: Proc. Int. Med., 166.—**Larouche, G., Demanche, R.** [et al.] Action in vitro exercée sur le sérum sanguin humain par le principe gonadotrope. C. rend. Soc. biol., 1936, 121: 659.—**Lee, M. O., & Gagnon, J.** The effects of growth promoting and gonad stimulating principles of the anterior lobe of the pituitary on basal gaseous metabolism in the rat. Endocrinology, 1930, 14: 233-42. Also Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 15.—**Leonardi, P.** La influenza dell'urina di vacca gravida e di vacca non gravida sulla vegetazione. Riv. biol., 1936, 20: 42-60.—**Lépine, P., & Mélas-Joannides, Z.** Action, sur la cholestérolémie du cobaye, des injections d'urines de femmes gravides. C. rend. Soc. biol., 1934, 115: 129-31.—**Mininni Montesano, N.** Ricerche sperimentali sull'influenza dell'ormone gonadotropo ante-ipofisario sui fenomeni anafilattici. Riv. pat. sper., 1938, 20: 239-48.—**Moricard, R., & Gothié, S.** Du déclenchement hormonal de la méiose par injection de gonadotropine sérique et antéhypophysaire. C. rend. Soc. biol., 1939, 131: 1214-6.—**Reiss, M., Schwarz, L., & Gothe, M.** Prolan und Hefestoffwechsel. Endokrinologie, 1934, 14: 257-60.—**Scaffidi, V., jr.** Azione dell'ormone gonadotropo antepofisario sulle fibre muscolari lisce ed in particolare sulla muscolatura bronchiale. Riv. pat. sper., 1938, 20: 201-12.—**Schteingart, M., & Uryson, I. C. de.** Acción de las hormonas excito-genitales y de la folículoлина sobre el metabolismo basal y el poder específico dinámico de la albúmina. Prensa méd. argent., 1936, 23: 1440-2.—**Serono, C., & Cruto, A.** Sull'azione degli ormoni pre-ipofisari sulle piante. Rass. clin. ter., 1934, 33: 1-5.—**Silberberg, M., & Silberberg, R.** Effect of acid extract of cattle anterior pituitary on bone repair in thyroidectomized guinea pigs. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 108-10.—**Szpida, H.** Influence de l'ormone gonadotrope sur la cholestérolémie et évolution de la fièvre typhoïde. C. rend. Soc. biol., 1935, 119: 668-72.—**Uhl, E., Engelbreth-Holm, J., & Rothe-Meyer, A.** Ueber die Wirkung gonadotropen Hormons (Antex Leo) auf das Kammwachstum bei Hennen. Endokrinologie, 1936-37, 18: 242-50.—**Vencovsky, E.** [Ketogenic effect of gonadotropic hormones of the pituitary body] Cas. lek. česk., 1936, 75: 379-81.—**Wermel, E. M., & Portugalow, W. W.** Studien über Zellengröße und Zellenwachstum; über die Wirkung von Prolan auf die Zellengröße. Zschr. Zellforsch., 1933, 20: 36-42.—**Wilson, D.** The effect of anterior pituitary-like hormone on the blood picture in rabbits. Endocrinology, 1937, 21: 96-100.

Extraction, purification, and standardization.

Abramowitz, A. A., & Hisaw, F. L. The effects of proteolytic enzymes on purified gonadotropic hormones. Endocrinology, 1939, 25: 633-7.—**Bernard, A. T.** Concentration des gonado-stimulines hypophysaires et des prolans urinaires par ultrafiltration. C. rend. Soc. biol., 1938, 127: 644.—**Cole, H. H., & Goss, H.** Gonad-stimulating substance and process of producing it. U. S. Patent Off., 1935, No. 2,007,328.—**Cole, H. H., & Hart, G. H.** Gonad-stimulating substance and process of producing it. Ibid., No. 1,994,853.—**Collip, J. B.** The standardization of anterior pituitary hormones. Am. J. Obst., 1937, 33: 1010-6.—**D'Amour, F. E., & D'Amour, M. C.** A comparison of the international gonadotropic standards. Endocrinology, 1940, 27: 68-70.—**Elden, C. A., & Nutting, M. D. F.** Preparation of the gonadotropic hormone from the anterior pituitary of the sow. Ibid., 26: 526.—**Fevold, H. L.** Extraction and standardization of pituitary follicle-stimulating and luteinizing hormones. Ibid., 1939, 24: 435-46.—**Frank, R. T., & Salmon, U. J.** Extraction of gonadotropic factors from the blood; improved technic. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 363.—**Fremery, P. de.** Die Standardisierung gonadotroper Präparate. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, 5: T. 3B, 2. Hälfte, 1493-541.—**Gaensbauer, F., & Bradbury, J. T.** Comparative potency of commercial anterior pituitary-like preparations. Endocrinology, 1939, 24: 867-71.—**Greep, R. O.** Separation of a thyrotropic from the gonadotropic substances of the pituitary. Am. J. Physiol., 1934-35, 110: 692-9.—**Hamburger, C., & Pedersen-Bjergaard, K.** The assay of gonadotropic hormones; standardisation curves for pregnant mare's serum hormone and human pregnancy urine hormone. Q. J. Pharm., Lond., 1937, 10: 662; 1938, 11: 186.—**Heredia, P.** La cristalización del prolan. Rev. med., B. Air., 1939, 1: No. 8, 39.—**Hisaw, F. L., & Fevold, H. L.** Isolation and purification of the gonad stimulating hormone. U. S. Patent Off., 1936, No. 2,030,210.—**Isolation of pituitary gonadotropic hormones.** Annual Rep. Squibb Inst. M. Res., 1939, 6.—**Jensen, H., Simpson, M. E.** [et al.] Chemical fractionation of the gonadotropic factors present in sheep pituitary. Endocrinology, 1939, 25: 57-62. Also repr.—**Jongh, S. E. de., Kober, S.** [et al.] Die Eichung und Reinigung des Hypophysenvorderlappenhormons. Acta brev. neerl., 1932, 2: 96.—**Katzman, P. A., & Doisy, E. A.** Preparation of prolan, theelin and theelin from the same urine. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 1196.—**Marshall, P. G.** The gonadotropic hormones (p-factors) the preparation of extracts for clinical use, together with observations on the stability in solution and standardisation processes. Biochem. J., Lond., 1933, 27: 621-7.—**Standardization of gonad-stimulating hormones.** Nature, Lond., 1938, 141: 605.—**Meyer, A. E.** Process for preparing gonad stimulating hormone. U. S.

Patent Off., 1936, No. 2,027,446. — & **Fevold, H. L.** Extraction of gonad stimulating substances of anterior lobe of the hypophysis. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 31: 570. — **Putnam, T. J.** Separation of growth-promoting hormone from that inducing premature estrus in the anterior pituitary gland. *Arch. Surg.*, 1929, 18: 1699-707. — **Räth, C., Hirsch-Hoffmann, H. U., & Wulk, H.** Ueber die Möglichkeit der Darstellung wässriger zu therapeutischen Zwecken geeigneter Lösungen des wirksamen Prinzips des Hypophysenvorderlappens. *Zhl. Gyn.*, 1928, 52: 865. — **Severinghaus, A. E., Levin, L., & Chiles, J. A., jr.** Hormone studies with the ultra-centrifuge: the concentration of anterior lobe and pituitary-like hormones with the ultra-centrifuge. *Endocrinology*, 1938, 23: 285-91. — **Spagnol, G.** Ricerche sul potenziamento tra ormoni gonadotropi. *Arch. ital. chir.*, 1938, 54: 594-601. — **Tavastsherna, N. I.** [Isolation of the pituitary gonadotropin (prolan) at the time of extracting the follicular hormone from pregnancy urine]. *Ark. biol. nauk*, 1935, 40: 159-62. — **Van Dyke, H. B., Creep, R. O., & Chow, B. F.** The purification of pituitary gonadotropic hormones. *Am. J. Physiol.*, 1940, 129: 484. — **Wiesner, B. P., & Marshall, P. G.** The gonadotropic hormones (p-factors) the preparation and properties of extracts of anterior lobe, placenta, and pregnancy urine. *Q. J. Exp. Physiol.*, Lond., 1931, 21: 147-79. — **Zondek, B.** Weitere Untersuchungen zur Darstellung, Biologie und Klinik des Hypophysenvorderlappenhormons (Prolan). *Zhl. Gyn.*, 1929, 53: 834-47. — & **Asheim, S.** Das Hormon des Hypophysenvorderlappens; Darstellung, chemische Eigenschaften, biologische Wirkungen. *Klin. Wschr.*, 1928, 7: 831-5. — **Zondek, B., Scheibler, H., & Krabbe, W.** Zur Reindarstellung des gonadotropen Hormons (Prolan). *Biochem. Zschr.*, 1933, 258: 102-5.

— Factors.

Aron, M. Existe-t-il une hormone préhypophysaire de maturation folliculaire et une hormone préhypophysaire de lutéinisation? *C. rend. Soc. biol.*, 1931, 108: 1218-220. — **Cattaneo, M.** Ricerche sperimentali sugli ormoni gonadotropi del lobo anteriore dell'ipofisi; l'ormone testotrope del lobo anteriore ipofisario. *Riv. pat. sper.*, 1938, 20: 371-6. — **D'Amour, F. E.** A qualitative study of normal gonadotropin. *Am. J. Physiol.*, 1939, 127: 649-53. — **Dingemans, E., & de Jongh, S. E.** Die Mehrheit der Sexualhormone der Hypophyse; Wirkung auf weibliche Tiere. *Arch. ges. Physiol.*, 1930-31, 226: 543-6. — **Evans, H. M., Korpi, K.** [et al.] On the separation of the interstitial cell-stimulating, luteinizing, and follicle-stimulating fractions in the anterior pituitary gonadotropic complex. *Univ. California Pub.*, 1936, 1: Anat., 255-64, 5 pl. — **Fevold, H. L.** Chemical differences of the follicle-stimulating and luteinizing hormones of the pituitary. *J. Biol. Chem.*, 1939, 128: 83-92. Also repr. — **Hisaw, F. L., & Leonard, S. L.** The gonad stimulating and the luteinizing hormones of the anterior lobe of the hypophysis. *Am. J. Physiol.*, 1931, 97: 291-301. — **Foster, M. A., & Fevold, H. L.** The interrelationship of the pituitary gonadotropic hormones in follicular development and ovulation of the juvenile rabbit. *Ibid.*, 1938, 121: 625-32. — **Freud, J.** Ovotrophic and folliculoplastic hormones. *Nature*, Lond., 1938, 141: 1013. — & **Dingemans, E.** Differentiation of gonadotropic effects of anterior pituitary extracts. *Acta brev. neerl.*, 1934-35, 4: 54-6. — **Creep, R. O., van Dyke, H. B., & Chow, B. F.** Separation in nearly pure form of luteinizing (interstitial cell-stimulating) and follicle-stimulating (gametogenic) hormones of the pituitary gland. *J. Biol. Chem.*, 1940, 133: 289. Also repr. — **Jongh, S. E. de, & Kober, S.** Ueber die Existenz eines A- und B-Faktors in Präparaten mit gonadotroper Wirkung. *Acta brev. neerl.*, 1933, 3: 65-8. — **Lépine, L.** Sur la séparation des hormones sexuelles antagonistes dans les extraits du lobe antérieur de l'hypophyse. *C. rend. Acad. sc.*, 1931, 192: 1127-9. — **Martins, T.** Plurality of gonadostimulating substances; the necessity of a special designation. *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 203. — **Philipp, E.** Die biologische Differenzierung der Hypophysenvorderlappenhormone. *Zhl. Gyn.*, 1931, 55: 12-16. — **Rivoire, R.** L'hormone gonadotrope est-elle simple ou double? *Presse méd.*, 1939, 47: 380-2. — **Saunders, F. J., & Cole, H. H.** On the reliability of present methods for characterizing two gonadotropic hormones, follicle-stimulator and luteinizer. *Endocrinology*, 1938, 23: 302-17. — **Schultz-Rhönhof & Müller, F.** Zur Frage der gonadotropen Vorderlappenhormone A und B. *Arch. Gyn.*, Berl., 1938, 166: 180-4 [Discussion] 242-52. — **Simonnet, H., & Michel, E.** Sur l'existence d'un principe synergique et d'un principe antagoniste dans les extraits gonadotropes hypophysaires. *C. rend. Soc. biol.*, 1940, 133: 360-3. — **Tscherne, E.** Zur Frage der Dualität der gonadotropen Hypophysenvorderlappenhormone. *Wien. klin. Wschr.*, 1938, 51: 1072-6. — **Wallen-Lawrence, Z.** Proof of the existence of a follicle-stimulating and a luteinizing hormone in the anterior lobe of the pituitary body. *J. Biol. Chem.*, 1934, 105: Proc., p. xcvi. Also *J. Pharm. Exp. Ther.*, 1934, 51: 263-86. — **Witschi, E.** The quantitative determination of follicle stimulating and luteinizing hormones in mammalian pituitaries and a discussion of the gonadotropic quotient, F/L. *Endocrinology*, 1940, 27: 437-46.

— Factors, gametogenic [follicle-stimulating; Prolan A]

Drumbell, F. W. R., & Parkes, A. S. Studies on ovulation; relative importance of concentration and absolute amount of

the ovulation-producing hormone. *J. Physiol.*, Lond., 1932, 74: 173-8. — **Brand, E., Block, R. J.** [et al.] A convenient method for the preparation of concentrates of follicle stimulating hormone from urine. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 360-3. — **Claus, P. E.** A crystalline substance of the hypophysis which promotes follicular growth. *Ibid.*, 1929-30, 27: 29. — **Evans, H. M., Pencharz, R. I., & Simpson, M. E.** On a selective gametogenic effect of certain hypophyseal extracts. *Science*, 1934, 80: 144. Also repr. — **Fraenkel-Conrat, H. L., Simpson, M. E., & Evans, H. M.** Purification of follicle-stimulating hormone of the anterior pituitary. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 45: 627-30. Also *An. Fac. med.*, Montev., 1940, 25: No. especial, 159-68. — **Hill, M., & Parkes, A. S.** The relation between the anterior pituitary body and the gonads; fractionation and dilution of ovary-stimulating extracts. *Proc. R. Soc.*, Lond., 1930-31, ser. B, 107: 455-63, 2 pl. — **Jensen, H., & Tolksdorf, S.** The effect of picric and flavanic acids on the potency of the follicle-stimulating anterior pituitary hormone. *J. Biol. Chem.*, 1940, 132: 519-26. Also repr. — **Leonard, S. L.** The nature of the substance causing ovulation in the rabbit. *Am. J. Physiol.*, 1931, 98: 406-16. — **McShan, W. H., & Meyer, R. K.** The relation of the follicle-stimulating activity of fresh pituitary tissue to the action of the enzymes contained in the tissue. *J. Biol. Chem.*, 1940, 132: 783. Also repr. — **Neumann, H. O., & Péter, F.** Das Hypophysenvorderlappenhormon A als Wirkstoff auf die Keimdrüsen der Neugeborenen und Kinder. *Zschr. Kinderh.*, 1931-32, 52: 363-71. — **Riddle, O., & Schooley, J. P.** Absence of follicle-stimulating hormone in pituitaries of young pigeons. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 1610-4. Also repr.

— Factors, interstitial-cell [luteinizing; Prolan B]

See also **Corpus luteum, Formation.**

Choh Hao Li, Simpson, M. E., & Evans, H. M. Interstitial cell stimulating hormone; method of preparation and some physico-chemical studies. *Endocrinology*, 1940, 27: 803-8. — Purification of the pituitary interstitial cell stimulating hormone. *Science*, 1940, 92: 355. — **Colombi, C.** L'azione dell'ormone ipofisario anteriore sul testicolo, con particolare riguardo alle cellule interstiziali. *Boll. Soc. ital. biol. sper.*, 1930, 5: 726-8. Also *Arch. ital. anat.*, 1931, 2: 1129-44, 2 pl. — **Evans, H. M., Simpson, M. E., Pencharz, R. I.** An anterior pituitary gonadotropic fraction specifically stimulating the interstitial tissue of testis and ovary. *Sympos. Quant. Biol.* (Cold Spring Harbor) 1937, 5: 229-40. — **Fraenkel-Conrat, H., Simpson, M. E., & Evans, H. M.** Interstitial cell stimulating hormone; methods of estimating the hormonal content of pituitaries. *Endocrinology*, 1940, 27: 809-17. — **Fraenkel-Conrat, H., Choh Hao Li** [et al.] Interstitial cell stimulating hormone; biological properties. *Ibid.*, 793-802. — **Hill, M., & Parkes, A. S.** The relation between the anterior pituitary body and the gonads; the factors concerned in the formation of the corpus luteum. *Proc. R. Soc.*, Lond., 1930, ser. B, 197: 30-8, 2 pl. — **Kennedy, W. P.** The mouse-unit of anterior pituitary hormone B. *Q. J. Exp. Physiol.*, Lond., 1933, 23: 373-9. Also repr. — **Leonard, S. L.** Luteinizing hormone in bird hypophyses. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 566-8. — **Lipschütz, A.** Sur la question du facteur lutéinisant dans l'hypophyse du cobaye. *C. rend. Soc. biol.*, 1931, 108: 646. — Le coefficient de lutéinisation, indice fonctionnel de la préhypophyse. *Ibid.*, 1932, 111: 610-2. — Nouvelles recherches sur les coefficient de lutéinisation de la préhypophyse. *Ibid.*, 1933, 112: 1145-7. — Ueber den Luteinisierungskoeffizienten des Vorderlappens der Hypophyse. *Endocrinology*, 1933, 13: 90-102. — On the comparative luteinizing capacity of the urine of pregnancy and of the menopause. *Endocrinology*, 1935, 19: 42-50. — **Reyes, G., & Vinals, E.** Nouveaux faits relatifs à l'action lutéinisante de la préhypophyse du cobaye. *C. rend. Soc. biol.*, 1932, 111: 852-4. — **Pfeiffer, C. A.** Hypophyseal gonadotropic hormones and the luteinization phenomenon in the rat. *Anat. Rec.*, 1937, 67: 159-74, pl. — **Putzu Doneddu, F.** Prolan B e mestruazione. *Pathologia*, Genova, 1936, 28: 561-7. — **Reiss, M., Selye, H., & Balint, J.** Ueber den luteinisierenden Wirkstoff des Hypophysenvorderlappens. *Endocrinology*, 1931, 8: 259-62.

Ueber die Beeinflussung des männlichen Genitales durch den luteinisierenden Wirkstoff des Hypophysenvorderlappens. *Ibid.*, 9: 81-4. — **Shedlovsky, T., Rothen, A.** [et al.] The isolation in pure form of the interstitial cell-stimulating, luteinizing, hormone of the anterior lobe of the pituitary gland. *Science*, 1940, 92: 178-80. — **Soule, S. D.** The impermeability of the placenta to prolan B. *Am. J. Obst.*, 1934, 27: 723-5. — **Westman, A.** Ueber den Luteinisierungseffekt des gonadotropen Chorionhormons auf die Ovarien der Frau. *Acta path. microb. scand.*, 1938, Suppl. 37, 560-77.

— Formation.

See also **Chorion; Pituitary; Placenta.**

Benazzi, M. Quando ha inizio l'attività gonadotropica nella ipofisi di animali imputeri? *Boll. Soc. ital. biol. sper.*, 1938, 13: 71-3. — **Cattaneo, L.** Ricerche sull'origine della follicolina e degli ormoni gonadotropi. *Riv. biol.*, 1937, 22: 249-60. — **Eskin, I. A.** Is prolan formed in the pituitary body or in the placenta? *Bull. biol. méd. exp. URSS*, 1936, 1: 176. — The vegetative nervous system and the gonadotropic function of the pituitary of the rabbit. *Ibid.*, 1939, 8: 44-7. Also *Biull.*

- eksp. biol. med., 1939, 8: 43-9.—**Haterius, H. O.** Studies on a neuro-hypophyseal mechanism influencing gonadotropic activity. *Sympos. Quant. Biol. (Cold Spring Harbor)* 1937, 5: 280-8.—**Kraus, E. J.** Welche Zellen der menschlichen Hypophyse bilden ausschließl. der Schwangerschaft das Vorderlappengeschlechtshormon (VLGH)? *Klin. Wschr.*, 1932, 11: 1020.—Zur Frage der Bildungsstätte des übergeordneten Geschlechtshormons im Hypophysenvorderlappen (zugleich ein Beitrag zur Morphologie der Hypophyse bei pathologischen Prolanaußscheidern) *Beitr. path. Anat.*, 1933, 91: 245-75.—**Nachmals** zur Frage nach der Bildungsstätte des übergeordneten Geschlechtshormons auf Grund von Implantationsversuchen mit Vorderlappadenomen. *Klin. Wschr.*, 1933, 12: 471.—**Maroudis, G.** Produzieren die chorialen Zellen in den ersten Schwangerschaftswochen das Hypophysenvorderlappenhormon? *Zbl. Gyn.*, 1933, 57: 1580.—**Motta, G.** Ueber die Theorien von der Bildung der Schwangerschaftshormone vom prähypophysären Typus. *Ibid.*, 1930, 54: 3096-101.—**Philipp, E.** Die Bildungsstätte des Hypophysenvorderlappenhormons in der Gravidität. *Ibid.*, 1938-66.—**Remzi, T.** Zur Frage der Bildungsstätte der gonadotropen Wirkstoffe des Schwangerenarnes. *Ibid.*, 1934, 58: 1962-6.—**Rosselli, G.** Sull'origine del cosiddetto ormone preipofisario al reazione di Ascheim-Zondek in puerperio. *Riv. ital. gin.*, 1934, 16: 523-47.—**Schwartzman, E. M.** [Relation between the gonadotropic function and morphological structure of the anterior lobe of the pituitary gland in women] *Akush. gin.*, 1937, No. 11, 108-20.—**Ustiashev, A.** [Place of incretion of the gonadotropic hormone (prolan)] *Ibid.*, 1938, 18-21.—**Vink, L. P. H. G.** de [Pituitary gland and the gonadotropic hormone] *Geneesk. gids*, 1939, 17: 1100-10.—**Voza, F.** Ueber die Herkunft der sogenannten Hypophysenvorderlappenhormone in der Schwangerschaft. *Zschr. Geburtsh. Gyn.*, 1932, 102: 468.—**Westman, A., & Jacobsohn, D.** Experimentelle Untersuchungen über die Bedeutung des Hypophysen-Zwischenhirnsystems für die Produktion gonadotroper Hormone des Hypophysenvorderlappens. *Acta obst. gyn. scand.*, 1937, 17: 235-65.—**Endokrinologische Untersuchungen an Ratten mit durchtrenntem Hypophysenstiel; Produktion und Abgabe der gonadotropen Hormone.** *Acta path. microb. scand.*, 1938, 15: 445-53.—**Wunder, P. A.** [Source of prolactin formation in the pregnant woman] *Usp. sovrem. biol.*, 1936, 5: 92-100.—**Zahl, P. A.** Cytologische Untersuchungen über die Hypophyse cerebri des weiblichen Frosches; unter besonderer Berücksichtigung der Fortpflanzungstätigkeit. *Zschr. mikr. anat. Forsch.*, 1937, 42: 303-61, pl.
- **Formation: Effect of endocrine factors.**
- Astwood, E. B., & Fevold, H. L.** Action of progesterone on the gonadotropic activity of the pituitary. *Am. J. Physiol.*, 1939, 127: 192-8.—**Biddulph, C., Meyer, R. K., & Gumbreck, L. G.** The influence of estril, estradiol and progesterone on the secretion of gonadotropic hormones in parabiotic rats. *Endocrinology*, 1940, 26: 280-4.—**Bokslag, J. G. H.** Die gonadotrope Funktion der Rattenhypophyse unter dem Einfluss von Hormonen. *Acta brev. neerl.*, 1937, 7: 87-91.—**Desclin, L.** Modifications de structure du lobe antérieur de l'hypophyse du rat après injection d'urine de femme enceinte. *C. rend. Soc. biol.*, 1933, 113: 1526-8.—**Influenza della luteinizzazione sulla ipofisi anteriore.** *Monit. endocr.*, 1934, 2: 7.—**Brouha, L.** Les modifications histologiques de l'hypophyse au cours de la pseudogestation chez le cobaye. *C. rend. Soc. biol.*, 1931, 107: 895.—**Emery, F. E.** Effects of splenectomy on pituitary gonadotropic substances. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 455-7.—**Goodman, LeR.** The effect of urine from pregnant women on the ovary-stimulating potency of the hypophyses of rabbits and rats. *Am. J. Physiol.*, 1935, 111: 312-20.—**Halpern, S. R., & Hendryson, I. E.** Comparative effects of dinitrophenol and thyroid on pituitary-gonadal complex of female rats. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 263-5.—**Kraul, L.** Die Beeinflussung der Hypophysenvorderlappenfunktion durch hormonale Substanzen und deren praktische Bedeutung. *Arch. Gyn.*, Berl., 1932, 148: 65-75.—**Lauson, H. D., Golden, J. B., & Sevringhaus, E. L.** The rate of increase in hypophyseal gonadotropic content following ovariectomy in the rat, with observations on gland weights. *Endocrinology*, 1939, 25: 47-51.—**Leonard, S. I.** Differential effect of prolactin in decreasing the potency of the hypophysis in normal and castrate rats. *Anat. Rec.*, 1933, 57: 45-51.—**Neison, W. O.** Effect of oestrin and gonadotropic hormone injections upon hypophysis of the adult rat. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 452-4.—**Okano, K., & Tanaka, H.** Ueber die Schwankung des gonadotropen Hormongehaltes in der Hypophyse des Kaninchens nach der Thyreoidektomie. *Tr. Soc. path. jap.*, 1940, 30: 239-41.—**Retarzo Membrives, J.** Thyroide et pouvoir gonadotrope de l'hypophyse du rat. *C. rend. Soc. biol.*, 1938, 127: 695-7.—**Rothermich, N. O., & Fortz, L. M.** A comparative study of the effects of male and female sex hormones on pituitary gonadotropic function in women. *Endocrinology*, 1940, 27: 37-40.—**Sevringhaus, A. E.** Changes in hypophysis of adult male and female rats after pregnancy urine extract injections. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 31: 593.—**Wolfe, J. M.** Reaction of anterior pituitaries of immature and mature female rats to injection of pregnancy urine extracts. *Ibid.*, 1932, 32: 214. Also *Am. J. Physiol.*, 1934-35, 110: 159-64.—**Quantitative studies on the reaction of the anterior pituitaries of immature female rats to extracts of pregnancy urine.** *Endocrinology*, 1935, 19: 471-7.—**Ellison, E. T., & Rosenfeld, L.** Morphological studies on the anterior pituitaries of mature female rats receiving injections of pregnancy urine extracts. *Anat. Rec.*, 1934, 60: 357-71.—**Zawadowski, M. M., & Ligart, T. A.** The reciprocally contradictory interaction of the gonadotropic function of hypophysis and genital glands; the decrease of gonadotropic activity of the hypophysis after the administration of the gonadotropic agent. *Bull. biol. méd. exp. URSS*, 1939, 7: 528-32.—[The reciprocally contradictory interaction of the gonadotropic function of hypophysis and genital glands; is the influence of pregnant mare serum or of prolactin on the hypophysis accomplished through the genital glands or in other ways] *Ibid.*, 533-6.—[Mutually contradictory correlation of the gonadotropic function of the pituitary and sexual glands; does prolactin and serum of pregnant mares affect the pituitary gland through the sexual gland?] *Biull. eksp. biol. med.*, 1939, 7: 537-40.
- **Formation: Pathology.**
- See also **Acromegaly; Blood pressure, high; Chorioma; Dysmenorrhea; Dystrophy, adiposogenital; Eclampsia; Genitals, Carcinoma; Pituitary, Diseases, &c.**
- ROESSLER, H.** *Ueber die diagnostische Bedeutung des Hypophysenvorderlappenhormons im Urin in Fällen von Blasenmole und Chorion-epitheliom. p.516-39. 8° Berl., 1929.
- Also *Zschr. Geburtsh. Gyn.*, 1929, 96:
- SIEBMANN, E.** *Ueber die Ausscheidung von Prolactin bei Prostatahypertrophie und bei Karzinomen der Männer. 16p. 8° Münch. [1935]
- Aron, M.** Parallélisme des taux respectifs d'excrétion de la thyro-stimuline et de la gonadostimuline préhypophysaires dans le milieu intérieur chez l'homme en des conditions normales ou pathologiques. *C. rend. Soc. biol.*, 1933, 113: 443-5.
- Berna, P.** Presenza ed eliminazione di prolactin A e B in alcune dermatosi. *Gior. ital. derm. sif.*, 1937, 78: 245-61.—**Borst, M., Doderlein, A., & Costimirović, D.** Geschlechtsphysiologische Studien; Hypophyse und maligne Tumoren; das Verhalten und die klinische Bedeutung der Prolanaußscheidung bei genitalcarzinomkranken Frauen nach Strahlenbehandlung. *Munch. med. Wschr.*, 1931, 78: 2108-13.—**Brindeau, A., Hinglais, H., & Hinglais, M.** Sur l'existence certaine de plusieurs principes distincts dans le prolactin; présence de prolactin B en l'absence de prolactin A dans le sérum d'une femme atteinte d'une mole hydatiforme. *Bull. Soc. obst. gyn. Paris*, 1934, 23: 389-91. Also *Gynécologie*, 1935, 34: 261.—**Prolactin et pathologie gravidique.** In *Régul. hormon. Par.*, 1937, 423-9.—**Brooks, C. McC., & Lambert, E. F.** The effect of hypophyseal stalk transection on the gonadotropic functions of the rabbit's hypophysis. *Am. J. Physiol.*, 1939-40, 128: 57-69.—**Bunster, E.** Significado clínico de la relación entre el lóbulo anterior de la hipófisis y el ovario. *An. Fac. biol. cienc. méd., Concepción* (1934) 1936, 3: 119-42.—**Campbell, A. D.** Further studies on the anterior pituitary-like hormone with special reference to irregular uterine bleeding. *Lancet, Lond.*, 1932, 2: 561-5.—**Camus, J., Roussy, G., & Le Grand, A.** Etude anatomo-pathologique des lésions expérimentales provoquant le syndrome polyurique et le syndrome adiposogénital chez le chien. *C. rend. Soc. biol.*, 1922, 86: 1070-3.—**Cassano, C.** Ormone gonadotropo, glicoregolazione e ricambio energetico nel morbo di Flaiani-Basedow. *Arch. pat., Bologna*, 1936-37, 16: 225-47.—**Chidester, F. E., Ashworth [et al.]** Leg weakness in the fowl, induced by antitritin injections, and the prevention of leg weakness by iodine feeding. *Internat. Clin.*, 1934, 44, ser. 3: 63-72.—**Contreras Ortiz, N., & Del Castillo, E. B.** Las hormonas sexuales del lóbulo anterior de la hipófisis en ciertas amenorreas y en el embarazo. *Bol. Soc. obst. gin. B. Aires*, 1931, 10: 439-45.—**Cottini, G. B.** Sul comportamento degli ormoni preipofisari (prolan A e B) in alcune dermatosi. *Gior. ital. derm. sif.*, 1934, 75: 1653-85.—**Del Castillo, F. B.** Influence des infections, toxines ou toxiques, sur le pouvoir gonadotrope hypophysaire. *C. rend. Soc. biol.*, 1937, 126: 615. Also *Rev. Soc. argent. biol.*, 1937, 13: 163-9.—**Dempsey, E. W., & Uotila, U. U.** The effect of pituitary stalk section upon reproductive phenomena in the female rat. *Endocrinology*, 1940, 27: 573-9.—**Ferguson, R. S.** Behavior of the hormone of the anterior hypophysis in a case of teratoma testis. *Am. J. Roentg.*, 1933, 29: 443-8.—**Flaks, J., & Ber, A.** [Suppression of gonadotropic hormone reaction by a growing tumor] *Warsz. czas. lek.*, 1938, 14: 88-90. Also *Bull. Ass. fr. cancer*, 1938, 27: 239-49. Also *C. rend. Soc. biol.*, 1938, 127: 1066-8.—**Fruhmann, C. F.** Anterior pituitary hormone in the blood of women with ovarian deficiency. *J. Am. M. Ass.*, 1929, 93: 672-4.—**The biological and clinical importance of ovary-stimulating hormones.** *Ann. Int. M.*, 1933, 6: 1212-24.—**Geyer, M.** Il complesso ormonale detto preipofisario e la fisiopatologia genitale femminile. *Endocr. pat. cost.*, Bologna, 1933, n. ser. 8: 238-50.—**Giusti, L., & Houssay, B. A.** Alteraciones cutáneas y genitales en el sapo por lesiones de la hipófisis y del cerebro. *Rev. As. méd. argent.*, 1923, 36: sect. soc. biol., 77-81. Also *C. rend. Soc. biol.*, 1924, 91: 313-7.—**Goldhammer, H., & Loewy, P.** Follikelreifungshormon im Harn von vegetativ-stigmatisierten jungen Männern mit Potenzstörungen. *Klin. Wschr.*, 1935,

- 14: 704.—**Gostimirović, D.** Geschlechtsphysiologische Studien; das Verhalten und die klinische Bedeutung der Prolanabscheidung nach temporärer Strahlenanovulie. Münch. med. Wschr., 1932, 79: 1103-6.—**Harris, M. M., Brand, E.** [et al.] Excretion of follicle-stimulating hormone in urine of mental patients in and past menopause. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1576.—**Heim, K.** Umwertung der quantitativen Hormonanalyse bei Hyperprolanurie. Klin. Wschr., 1935, 14: 166.—Hyperprolanurie und Schwangerschaftspathologie. Med. Welt, 1936, 10: 1868. Also Mschr. Geburtsh. Gyn., 1937, 105: 233.—**Henderson, W. R., & Robson, J. M.** Decreased gonadotropic hormone production during pregnancy; associated with increased intracranial pressure. Lancet, Lond., 1936, 2: 308-10.—**Henderson, W. R., & Rowlands, I. W.** The gonadotropic activity of the anterior pituitary gland in relation to increased intracranial pressure. Brit. M. J., 1938, 1: 1094-7.—**Herold, L., & Effkemann, G.** Die Bedeutung des vegetativen Nervensystems für die innersekretorische Funktion des Hypophysenvorderlappens (Blockierung der gonadotropen Wirkung des H. V. L. nach Indufindulmurchtrennung). Arch. Gyn., Berl., 1938, 167: 389-96.—**Hill, M., & Parkes, A. S.** Studies on the hypophysectomized ferret; effect of post-coitus hypophysectomy on ovulation and the development of the corpus luteum. Proc. R. Soc., Lond., ser. B, 1932, 112: 153-8.—**Karp, L.** [Experimental research on acute and chronic prolanin]. Polska gaz. lek., 1934, 13: 714; 733.—**Kaufmann, C., Mühthock, O.** Ueber Ausscheidung des gonadotropen Hormons des Hypophysenvorderlappens bei Funktionsstörungen der weiblichen Keimdrüse. Klin. Wschr., 1933, 12: 1480-3.—**Kjellin, T., & Kylin, E.** Der Gehalt an Prolan in Liquor cerebrospinalis, besonders bei essentieller Hypertonie. Deut. Arch. klin. Med., 1933-34, 176: 683-9.—**Klöpffer, K.** Die Störungen der weiblichen Sexualfunktion bei Erkrankungen des Vorderlappen-Zwischenhirnsystems (Akromegalie, Dystrophia adiposogenitalis, hypophysärer Zwergwuchs, Cushing'sche Krankheit). Arch. Gyn., Berl., 1939, 169: 254-96.—**Kuschinsky, G.** Ueber die Bedingungen der Hypophysenvorderlappensekretion und ihre Folgen für den Ablauf des Zyklus. Arch. exp. Path., Berl., 1931, 162: 183-96.—**Lipschütz, A.** Changement expérimental de l'équilibre préhypophysaire gonadotrope. C. rend. Soc. biol., 1934, 116: 89-92.—**Main, R. J., & Leonard, S. L.** The nature of the gonadotropic hormone found in the urine of a case of teratoma testis. Endocrinology, 1934, 18: 629-32.—**Maurizio, E.** Ricerca dell'ormone antepifisario nelle urine di donne trattate con iniezioni di sangue di gravida e preparati di lobo anteriore dell'ipofisi, e nelle urine di donne affette da gravidanza mclare. Boll. Soc. ital. biol. sper., 1931, 6: 876-80. Also Rass. ostet., 1931, 40: 551-4.—**Møller-Christensen, E.** Untersuchungen über die Ausscheidung von Oestrin und gonadotropem Hypophysenvorderlappenhormon bei einem Fall von Aplasia uteri et vaginae. Acta obst. gyn. scand., 1937, 17: 63-8.—**Morhardt, P. E.** La préhypophyse, la gestation et le cancer. Progr. méd., Par., 1931, 709-17.—**Novak, E.** The bearing of recent work on the anterior pituitary hormones upon gynecological problems, with especial reference to disorders of menstruation. Endocrinology, 1931, 15: 273-80.—**Oesterreicher, W.** Quantitative Bestimmungen von Sexualhormonen (Hypophysenvorderlappen- und Follikelhormone) bei Gesunden, Geistes- und Nervenkranken; Fragestellung und Methodik des Nachweises der vermehrten Prolanabscheidung im Harn. Klin. Wschr., 1933, 12: 538-40.—**Offergeld, H.** Hypophysenvorderlappen und kindliche Dysmenorrhoe. Aerztl. Rdsch., 1934, 44: 257-62.—**Owen, S. E., & Cutler, M.** Comparison of prolan bioassays in teratoma and other conditions. Am. J. M. A., 1936, 192: 61-7.—**Pillai, M. J. S.** Hyper-pituitary syndrome (gonadotropism) Madras M. J., 1936, 16: 194.—**Randall, L. M., & Drips, D. G.** Pituitary failure associated with low basal metabolic rate and secondary ovarian dysfunction: report of a case. Proc. Mayo Clin., 1937, 12: 340-4.—**Rey, P.** Action de l'ablation du lobe principal de l'hypophyse sur le cycle annuel des cellules sexuelles mâles de Bufo vulgaris. C. rend. Acad. sc., 1939, 208: 1116-9.—**Rosenblatt, J., Halber, W., & Pruszczyński, A.** Die pathologisch-anatomischen Veränderungen im Eierstock nach protrahierten Vorderlappenhormoneinverleibungen und ihre eventuellen Folgen. Mschr. Geburtsh. Gyn., 1932, 92: 284-91.—**Sas.** Distrofia hipofisogenital. Prensa méd. argent., 1940, 27: 112-5.—**Ucko, H.** Les relations entre l'hypophyse, les glandes surrénales et génitales du point de vue diagnostique. Paris méd., 1934, 93: 113-8.—**Van Bogaert, A., & Van Baarle, F.** Réactions hypophysaires au cours de l'hypertension artérielle centrale expérimentale; hormones gonadotropes. C. rend. Soc. biol., 1939, 132: 335-40.—**Ware, H. H., jr., Main, R. J., & Taliaferro, I.** The duration of excretion of gonadotropic substance after delivery of near term abdominal pregnancy with retained placenta. J. Am. M. Ass., 1938, 111: 524.—**Winge, M.** Quantitative Bestimmung des Gehalts des Harns an gonadotropem Hormon nach cinem Fall von Mola hydatidosa. Acta obst. gyn. scand., 1939, 19: 186-94.—**Zondek, B.** Ueber die Hormone des Hypophysenvorderlappens; Follikelreifungshormon (Prolan A) und Tumoren. Klin. Wschr., 1930, 9: 679-82.
- mark, E. E., & Singerman, L. S.** Gonadotropic activity of pituitary at various stages of sexual cycle and pregnancy. Bull. biol. méd. exp. URSS, 1938, 6: 89-92.—**Friedman, M. H., & Friedman, G. S.** Seasonal variations in the gonadotropic hormone content of the rabbit pituitary. Endocrinology, 1939, 24: 626-30. — The relation of diet to the restitution of the gonadotropic hormone content of the discharged rabbit pituitary. Am. J. Physiol., 1939-40, 128: 493-9.—**Friedgood, H. B., & Pincus, G.** Studies on conditions of activity in endocrine organs; the nervous control of the anterior hypophysis as indicated by maturation of ova and ovulation after stimulation of cervical sympathetics. Endocrinology, 1935, 19: 710-8.—**Lauson, H. D., Golden, J. B., & Sevringhaus, E. L.** The gonadotropic content of the hypophysis throughout the life cycle of the normal female rat. Am. J. Physiol., 1939, 125: 396-404.—**Leonard, S. L.** Changes in the relative amounts of the follicle stimulating and luteinizing hormones in the hypophysis of the female rat under varying experimental conditions. Endocrinology, 1937, 21: 330-4.—**Martinoli, A.** Sulle correlazioni esistenti fra l'ipofisi irradiata e gli organi genitali femminili. Riv. ital. gin., 1929-30, 10: 113-37.—**Miklós, J.** [New method of stimulating the pituitary gonadotropic function] Orvostud. közl., 1940, 1: 10-3, pl.—**Oesterreicher, W.** Quantitative Bestimmungen von Sexualhormonen (Hypophysenvorderlappen- und Follikelhormone) bei Gesunden, Geistes- und Nervenkranken; gonadotrope Hormone des Hypophysenvorderlappens und menstrueller Cycles. Klin. Wschr., 1934, 14: 1570-4.—**Spoto, P.** Contributo alla conoscenza del comportamento delle sostanze gonadotrope urinarie in gravida dopo nefrectomia. Ginecologia, Tor., 1938, 4: 795-804.—**Wolfe, J. M.** Observations on a cyclic variation in the capacity of the anterior hypophysis to induce ovulation in the rabbit. Am. J. Anat., 1931, 48: 391-419.
- **Formation: Variations: Age.**
- Clark, H. M.** A prepubertal reversal of the sex difference in the gonadotropic hormone content of the pituitary gland of the rat. Anat. Rec., 1934-35, 61: 175-92.—**Daineko, L. N.** [The gonadotropic activity of the anterior pituitary of cow embryos] Bull. biol. méd. exp. URSS, 1939, 7: 422-5. Also Biull. eksp. biol. méd., 1939, 7: 544-7. — Dynamics of increase in the gonadotropic activity of the anterior pituitary in the pig embryos. Bull. biol. méd. exp. URSS, 1939, 8: 301-4. Also Biull. eksp. biol. méd., 1939, 8: 285-8.—**Engelhart, E., & Tschernie, E.** Ueber die gonadotrope Funktion des Hypophysenvorderlappens im Klimakterium und deren Beeinflussung durch Follikelhormon. Zbl. Gyn., 1936, 60: 790-5.—**Lipschütz, A., & Reyes, G.** Sur la capacité lutéinisante de l'hypophyse de la rate infantile et adulte. C. rend. Soc. biol., 1932, 111: 608-10.—**McQueen-Williams, M.** Sex comparison of gonadotropic content of anterior hypophyses from rats before and after puberty. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1051.—**Nürnberg, G.** Ueber gonadotropes Hormon in Greisenhypophysen. Arch. Gyn., Berl., 1938, 166: 184 [Discussion] 242-52.—**Schulze-Rhönhof, F., & Niedenthal, R.** Untersuchungen über die hormonale Wirksamkeit des Hypophysenvorderlappens des Fötus im Tierversuch. Zbl. Gyn., 1929, 53: 902-7.—**Sidorov, N. E.** [Time of appearance of the gonadotropic hormone of the anterior lobe of the pituitary during the embryonal period] Tr. Kazan. gosud. med. inst., 1939, 9: 197-211.—**Wolfe, J. M., & Cleveland, R.** Comparison of the capacity of anterior-hypophyseal tissue of mature and immature female rabbits to induce ovulation. Anat. Rec., 1931, 51: 213-8.
- **Formation—in castrates, and climacterics.**
- Adams, A. E., & Mayo, V.** The gonad-stimulating potency of the pars anterior in normal and castrated newts. Proc. Soc. Exp. Biol., N. Y., 1936-37, 35: 227-31.—**Anselmino, K. J., & Hoffmann, F.** Ueber die Ausscheidung des sogenannten synergistischen, gonadotropen Faktors des Hypophysenvorderlappens im Kastratenharn. Klin. Wschr., 1934, 13: 1471.—**Chamorro, A.** Sur la présence d'une substance gonadotrope antagoniste dans l'urine des femmes castrées. C. rend. Soc. biol., 1939, 131: 1099. — Essai de fractionnement de l'extrait d'urine de femmes castrées. Ibid., 1100-2.—**Emery, F. E., Bash, P. W., & Lewis, W. R.** The anterior pituitary sex hormone of normal and semicastrated rats. Proc. Soc. Exp. Biol., N. Y., 1931, 39: 42-4.—**Evans, H. M., & Simpson, M. E.** A comparison of anterior hypophyseal implants from normal and gonadectomized animals with reference to their capacity to stimulate the immature ovary. Am. J. Physiol., 1929, 89: 371-4.—**Pencharz, R. I.** Gonadotropic effects in hypophysectomized female rats of implants of pituitaries from castrated males. Proc. Soc. Exp. Biol., N. Y., 1934-35, 32: 1048.—**Hamburger, C.** [The hormone of anterior hypophyseal lobe in urine of male castrates] Ugeskr. læger, 1931, 93: 27-30. — Ueber die Ausscheidung von Prolan im Harn alter Frauen. Klin. Wschr., 1933, 12: 934.—**Levin, L., & Tyndale, H. H.** The concentration and purification of the gonadotropic substance of the urine of human female castrates. J. Biol. Chem., 1935, 109: Proc., p. liv. — Concentration and purification of the gonadotropic substance in urine of ovariectomized and postmenopausal women. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 516-8.—**Lipschütz, A.** Ueber die gonadotropen Faktoren des klimakterischen Harnes. Klin. Wschr., 1935, 14: 532.—**Nelson, W. O.** Changes in the hypophyses of castrate
- **Formation: Variations.**
- Custo, E. L.** Modificazione degli effetti da elettrizzazione dell'ipofisi sull'apparato sessuale di coniglie impuberi per opera di simpaticolitici—piperidinometilbenzodioxano (933 F) e atropina. Arch. Ist. biochim. ital., 1938, 10: 109-28.—**Fa-**

and cryptorehid guinea pigs. *Proc. Soc. Exp. Biol., N. Y.*, 1934-35, 32: 1605-7.—**Oesterreicher, W.** Vermehrte Ausscheidung von Hypophysenvorderlappenhormon (Prolan) im Harn in der Involutionperiode beziehungsweise im Senium. *Klin. Wschr.*, 1932, 11: 813.—**Saethre, H.** Ueber die Ausscheidung von Prolan im Harn in der Involutionperiode beziehungsweise im Senium. *Ibid.*, 1933, 12: 1727-9.—**Severinghaus, A. E.** The effect of castration in the guinea pig upon the sex-maturing potency of the anterior pituitary. *Am. J. Physiol.*, 1932, 101: 309-15.—**Smith, P. E., Severinghaus, A. E., & Leonard, S. L.** The effect of castration upon the sex-stimulating potency and the structure of the anterior pituitary in rabbits. *Anat. Rec.*, 1933, 57: 177-95.—**Stein, K. F.** A sex difference in gonad-stimulating potency of young gonadectomized rats. *Proc. Soc. Exp. Biol., N. Y.*, 1935-36, 33: 95-7.—**Wolfe, J. M.** Morphologic and quantitative reaction of anterior pituitaries of castrated female rats to oestrin injections. *Ibid.*, 1934-35 32: 1189-91.—**Zeckwer, I. S.** The effect of the pituitary secretion of castrated rats on the gonads of male rats joined in parabiosis. *Am. J. Physiol.*, 1939-40, 128: 169-74.—**Zondek, B.** Ueber die Ausscheidung von Prolan im Harn alter Frauen. *Klin. Wschr.*, 1932, 11: 1839.

— Formation—in pregnancy.

See also Gonadotropin, chorionic.

Aronovich, G. D., & Derankov, E. B. [Hormone of the anterior lobe of the pituitary gland in pregnancy] *Vrach. gaz.*, 1930, 34: 363-8.—**Bacon, A. R.** A comparative study of the anterior hypophyses in the pregnant and nonpregnant states. *Am. J. Obst.*, 1930, 19: 352-5.—**Bokslag, J. G. H.** Die gonadotrope Funktion der Rattenhypophyse während der Schwangerschaft. *Acta brev. neerl.*, 1937, 7: 52-5.—**Boycott, M., & Rowlands, I. W.** The biological nature and quantitative variation of the gonadotropic activity of pregnant women's serum. *Brit. M. J.*, 1938, 1: 1097-100.—**Brindeau, A., Hinglais, H., & Hinglais, M.** Contribution à l'étude quantitative de l'hormone pré-hypophysaire dans les humeurs de la femme enceinte (grossesse normale et grossesses pathologiques) *C. rend. Soc. biol.*, 1932, 111: 988-92. Also *Gynécologie*, 1935, 34: 526-8. Also *Gyn. obst.*, Par., 1935, 31: 851-5.—**Consoli, V.** Il Prolan nel sudore delle gravidate. *Clin. ostet.*, 1934, 36: 80-2.—**Evans, H. M., Kohls, C. L., & Wonder, D. H.** Gonadotropic hormone in the blood and urine of early pregnancy. *J. Am. M. Ass.*, 1937, 108: 287-9. Also repr.—**Evans, H. M., & Simpson, M. E.** The effect of pregnancy on the anterior hypophysis of the rat and cow as judged by the capacity of implants to produce precocious maturity. *Am. J. Physiol.*, 1929, 89: 379.—**Garofalo, A.** Sulla presenza di ormoni ipofisari nel sudore della gestante. *Clin. ostet.*, 1934, 36: 69-79.—**Gernez, L.** Sur les limites extrêmes du taux de l'hormone gonadotrope dans le sérum au cours de la grossesse normale et pathologique. *C. rend. Soc. biol.*, 1939, 132: 111.—**Gonzalez Collazo, A., & Colombo, E. O.** El prolán durante la gestación (dosificación cuantitativa) *Prensa méd. argent.*, 1938, 25: 301-3.—**Gutman, M.** Untersuchungen über das Hypophysenvorderlappenhormon bei trächtigen Säugetieren. *Arch. Gyn.*, Berl., 1930, 141: 22-6.—**Hamburger, C.** Weitere Untersuchungen über die gonadotropen Hormone bei der trächtigen Stute. *Endokrinologie*, 1936, 17: 8-21.—**Kaneko, T.** Beitrag zum sogenannten Hypophysenvorderlappenhormon in der Schwangerschaft. *Tohoku J. Exp. M.*, 1933-34, 22: 449-62.—**Kennedy, W. P.** Quantitative variation of the anterior pituitary hormone, APH-B, in the blood during pregnancy. *Q. J. Exp. Physiol.*, Lond., 1933, 23: 366-72. Also repr.—**Murphy, D. P.** The excretion of ovary stimulating hormone in the urine during pregnancy, its relation to urinary output. *Surg. Gyn. Obst.*, 1933, 56: 914-7.—**Nalbandov, A., & Casida, L. E.** Gonadotropic action of pituitaries from pregnant cows. *Endocrinology*, 1940, 27: 559-66.—**Soule, S. D., & Brown, T. K.** Anterior pituitary hormone in the cerebrospinal fluid during pregnancy. *Am. J. Obst.*, 1932, 23: 44-7.—**Tenney, B., jr., & Parker, F., jr.** Some observations of the gonadotropic hormones of pregnancy. *Endocrinology*, 1937, 21: 687.—**Voza, F.** Sulla provenienza in gravidanza degli ormoni delli preipofisari. *Ann. ostet. gin.*, 1931, 53: 781-98.—**Wunder, P. A., & Wibe, K. G.** [Analysis of the gonadotropic function of the pituitary gland of the pregnant woman, does the pituitary of a pregnant woman contain the lutein-forming factor?] *Biull. eksp. biol. med.*, 1939, 7: 548-51. Also *Bull. biol. méd. exp. URSS*, 1939, 7: 540-3.—**Zondek, B.** Hypophysenvorderlappen und Schwangerschaft. *Endokrinologie*, 1929, 5: 425-34, 2 pl.

— mare serum.

Adamson, G. N. Observations on the use of mare gonadotropic hormone. *J. Nat. M. Ass., N. Y.*, 1939, 31: 237-43.—**Bischoff, F.** Chemical studies on the gonadotropic hormone of pregnant mare serum. *J. Biol. Chem.*, 1938, 125: 697-702.—**Carliland, G. F., & Nelson, J. W.** The preparation and purification of extracts containing the gonad-stimulating hormone of pregnant mare serum. *Ibid.*, 1937, 119: 59-67. Also repr.—The bioassay of mare serum hormone a comparison of ovarian and uterine weight methods. *Am. J. Physiol.*, 1938, 122: 201-6.—**Catchpole, H. R.** The gonad-stimulating hormone of pregnant mares. *Am. J. Anat.*, 1934, 55: 167-227. Also repr.—**Choh Hao Li, Evans, H. M., & Wonder, D. H.** Electrophoretic homogeneity of pregnant mare serum gonadotropin. *J. Gen. Physiol.*, 1939-40, 23: 733-9.—**Cole, H. H.**

On the biological properties of mare gonadotropic hormone. *Am. J. Anat.*, 1936, 59, 2: 299-331. — High gonadotropic hormone concentration in pregnant ponies. *Proc. Soc. Exp. Biol., N. Y.*, 1938, 38: 193. — & **Goss, H.** Gonadotropic hormone in the non-pregnant mare. *Am. J. Physiol.*, 1939, 127: 702-9. — & **Guilbert, H. R.** Further considerations of the properties of the gonad-stimulating principle of mare serum. *Ibid.*, 1932, 102: 227-30.—**Cole, H. H., & Hart, G. H.** Sex hormones in the blood serum of mares; the sera of mares from the 222nd day of pregnancy to the first heat period post-partum. *Ibid.*, 1930, 94: 597-603. — Concerning gonadotropic substances in mare serum. *Proc. Soc. Exp. Biol., N. Y.*, 1934, 32: 370-3.—**Cole, H. H., & Saunders, F. J.** The concentration of gonad-stimulating hormone in blood serum and of oestrin in the urine throughout pregnancy in the mare. *Endocrinology*, 1935, 19: 199-208.—**Cole, H. H., Pencharz, R. I., & Goss, H.** On the biological properties of highly purified gonadotropin from pregnant mare serum. *Ibid.*, 1940, 27: 548-53.—**Emmens, C. W.** Analysis of the assays carried out in various laboratories on the separate contributions offered towards the international standard preparation for the gonadotropic substance of pregnant mares; serum. *Bull. Health Org. League of Nat.*, 1939, 8: 887-97.—**Engle, E. T., & Hamburger, C.** Action of gonadotropic hormone from pregnant mare's serum on ovaries of Rhesus monkeys. *Proc. Soc. Exp. Biol., N. Y.*, 1934-35, 32: 1531-3.—**Evans, H. M., Gustus, E. L., & Simpson, M. E.** Concentration of the gonadotropic hormone in pregnant mare's serum. *J. Exp. M.*, 1933, 58: 569-74. Also repr.—**Evans, H. M., Korpi, K.** [et al.] Fractionation of the gonadotropic hormones in pregnant mare serum by means of ammonium sulfate. *Univ. California Pub.*, 1936, 1: Anat., 275-8., pl. Also repr.—**Fuhmann, C. F.** Gonadotropic hormones; influence of length of period of administration of equine hormone. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 41: 313. — The biologic characteristics of equine gonadotropic hormone. *Tr. Pacific Coast Soc. Obst.* (1939) 1940, 9: 47-58. Also *West. J. Surg.*, 1940, 48: 63-74.—**Goss, H., & Cole, H. H.** Sex hormones in the blood serum of mares; some chemical properties of the ovary-stimulating principle. *Endocrinology*, 1931, 15: 214-24. — Further studies on the purification of mare gonadotropic hormone. *Ibid.*, 1940, 26: 244-9.—**Gustus, E. L., Meyer, R. K., & Woods, O. R.** Preparation of the gonadotropic hormone of pregnant mare blood. *J. Biol. Chem.*, 1936, 114: 59-63. — Rapid method of preparing solutions of gonadotropic substance of pregnant mares' blood. *Proc. Soc. Exp. Biol., N. Y.*, 1936, 34: 54.—**Hamburger, C.** Untersuchungen über die gonadotropen Hormone bei der graviden Stute (hypophysärer oder placentärer Ursprung) *Endokrinologie*, 1933-34, 13: 305-11.—**Leathem, J. H.** Responses of hypophysectomized immature female rats to mare serum hormone. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 42: 590-2.—**Lein, A.** Augmentation of the gonadotropic hormone from the pregnant mare. *Ibid.*, 1937, 36: 609-11.—**Martins, T.** Développement précoce des caractères sexuels, chez des gallinacés traités par des substances gonadostimulantes du sérum gravidique équin. *C. rend. Soc. biol.*, 1934, 117: 1255-7.—**Memorandum** on the international standard for the gonadotropic substance of pregnant mares' serum. *Bull. Health Org. League of Nat.*, 1939, 8: 898-900.—**Meyer, A. E.** A method of purification of gonad stimulating principle from pregnant mare serum. *Proc. Soc. Exp. Biol., N. Y.*, 1935-36, 33: 433-6.—**Pencharz, R. I.** Factors influencing ovarian response of normal and hypophysectomized rat to pregnant mare serum. *Ibid.*, 1939, 42: 525-9.—**Rinderknecht, H., Noble, R. L., & Williams, P. C.** Preliminary extraction of gonadotropic principle from pregnant mare serum. *Biochem. J.*, Lond., 1939, 33: 381-4.—**Saunders, F. J., & Cole, H. H.** Two gonadotropic substances in mare serum. *Proc. Soc. Exp. Biol., N. Y.*, 1934-35, 32: 1476-8. — Age and the qualitative ovarian response of the immature rat to mare gonadotropic hormone. *Ibid.*, 1935-36, 33: 504.—**Siegler, S. L.** Further experiences with the hormone of pregnant mare serum. *Endocrinology*, 1940, 27: 387-91.—**Siegmund, H.** Ein Vergleich der Wirkung des gonadotropen Faktors aus dem Serum trächtiger Stuten mit der Wirkung des Prolans auf die Ovarien der Frau. *Wien. klin. Wschr.*, 1938, 51: 1014-7.—**Standards** for prolactin and for the gonadotropic substance of pregnant mares' serum. *Brit. M. J.*, 1939, 2: 1106.—**Zavadovsky, B. M., Nezmeianova-Zavadovskaia, E. G.** [et al.] [The effect of prolonged injections of blood serum of pregnant mares upon the development of endocrine and reproductive functions of the sexual glands of young cocks] *Bull. biol. méd. exp. URSS*, 1937, 4: 19-22. — [Comparative effect of prolactin of the urine and blood serum of mares on the reproductive system of chickens] *J. Physiol. USSR*, 1937, 22: 347-55.

— Metabolism.

See also Gonadotropin, urinary.

MILLARD, A. *Die Ausscheidung gonadotropen Wirkstoffes nach Zufuhr von Prolan. 28p. 20½cm. Bonn, 1938.

Büttner, W., & Millard, A. Die Ausscheidung von Prolan nach oraler und parenteraler Verabreichung. *Zschr. Geburtsh. Gyn.*, 1939, 119: 148-58.—**Catchpole, H. R., Cole, H. H., & Pearson, P. B.** Studies of the rate of disappearance and fate of mare gonadotropic hormone following intravenous injection. *Am. J. Physiol.*, 1935, 112: 21-6.—**Friedman, M. H., & Wein-**

stein, G. The excretion of gonadotropic substance by the normal man after administration of extracts of pregnancy urine. *Ibid.*, 1936, 116: 54. Also *Endocrinology*, 1937, 21: 489-94.—**Lipschütz, A.** [Secretion and desintegration of gonadotropic hormones] *J. Physiol. USSR*, 1937, 22: 386-9.—**& Vivaldi, T.** Sur le sort du prolân injecté à la lapine par voie intraveineuse. *C. rend. Soc. biol.*, 1934, 116: 87-9.—**& A. Fuente-Alba, A.** Nouvelles recherches sur le sort du prolân injecté à la lapine. *Ibid.*, 1935, 118: 226-9.—**Parkes, A. S., & White, W. E.** The excretion of prolân after intravenous injection into the rabbit. *J. Physiol., Lond.*, 1933, 79: 226-9.—**Robson, J. M., & MacPherson, A. I. S.** Rate of disappearance of pituitary gonadotropin from the blood of rabbits. *J. Pharm. Exp. Ther.*, 1940, 70: 433-9.—**Seidlin, S. M.** The metabolism of the thyrotropic and gonadotropic hormones. *Endocrinology*, 1940, 26: 696-702.

— Occurrence—in blood and body fluids.

See also **Amniotic fluid; Gonadotropin, urinary; Perspiration; Pregnancy, Urine; Saliva; Urine, Hormones.**

Cozzi, L. Sul contenuto in ormone ipofisario nel liquido amniotico e nell'urina fetale. *Arch. ostet. gin.*, 1932, 2, ser. 19: 61-77.—**Dumont, C., D'Amour, F. E., & Gustavson, R. G.** Effects of the introduction of blood from bred rabbits upon immature rabbits. *Proc. Soc. Exp. Biol., N. Y.*, 1932, 30: 68.—**Ehrhardt, K.** Ueber das sogenannte Hypophysenvorderlappenhormon in der Zerebrospinalflüssigkeit. *Zbl. Gyn.*, 1932, 56: 2618.—**Emery, F. E.** The anterior pituitary sex hormone in the blood and urine of rats. *Am. J. Physiol.*, 1932, 101: 246-50.—**Engle, E. T.** Gonadotrope Stoffe im Blut, Harn und in anderen Körperflüssigkeiten. *Arch. Gyn., Berl.*, 1938, 166: 131-67.—**Fluhmann, C. F.** The significance of anterior pituitary hormone in the blood of gynecologic patients. *Am. J. Obst.*, 1930, 20: 1-15.—**Anterior pituitary hormone in the blood of women; a preliminary clinical classification of results in non-pregnant individuals.** *Endocrinology*, 1931, 15: 177-83.—**Freed, S. C.** Gonadotropic substance in the blood of normal humans. *Proc. Soc. Exp. Biol., N. Y.*, 1935-36, 33: 309.—**Gutman, C., & Dalsace, J.** Recherches sur la fixation de l'hormone gonadotrope dans le sérum sanguin. *C. rend. Soc. biol.*, 1935, 118: 973.—**Siebert, F.** Der Gehalt des Liquor lumbalis an hypophysenwirksamer Substanz bei schwangeren und nichtschwangeren Frauen. *Klin. Wschr.*, 1927, 6: 1558-60.—**Trancu-Rainer, M.** Ueber den Gehalt des Speichels an Hypophysenvorderlappenhormonen. *Zbl. Gyn.*, 1931, 55: 1971-7.

— Occurrence—in pituitary.

Barnes, B. O., & Bueno, G. J. Sex stimulating principle in extracts of beef hypophyses effective in female dogs. *Proc. Soc. Exp. Biol., N. Y.*, 1933, 30: 1369.—**Benazzi, M.** Ricerche comparative sul potere gonadotropo della preipofisi. *Monit. zool. ital.*, 1937, 47: suppl., 79-82. Also *Verh. Anat. Ges.*, 1937, 44: 35. Può essere ammessa una specificità zoologica degli ormoni gonadotropi? *Atti Accad. fisicor. Siena*, 1938, 11, ser. 2: 21. Also *Boll. Soc. ital. biol. sper.*, 1938, 13: 720.—**Del Castillo, E. B., & Novelli, A.** Actions gonadotropiques synergique ou antagoniste de l'hypophyse des poissons, des batraciens et des oiseaux. *C. rend. Soc. biol.*, 1938, 127: 1043. Also *Rev. Soc. argent. biol.*, 1937, 13: 448-54.—**Eggleton, P., & Robson, J. M.** Gonadotropin from horse pituitaries. *J. Physiol., Lond.*, 1939, 96: suppl., 4.—**Evans, H. M., Simpson, M. E. [et al.]** Biological studies of the gonadotropic principles in sheep pituitary substance. *Endocrinology*, 1939, 25: 529-46.—**Helibaum, A. A.** Gonadotropic activity of the pituitaries of horses. *Proc. Soc. Exp. Biol., N. Y.*, 1933, 30: 641.—**The gonad-stimulating activity of pituitary glands from horses of different ages and sex types.** *Anat. Rec.*, 1935-36, 63: 147-57.—**& Greep, R. O.** Gonad-stimulating abilities of male and female rat pituitary glands. *Proc. Soc. Exp. Biol., N. Y.*, 1938, 38: 902-4.—**Hill, R. T.** Species variation in the gonadotropic activity of the hypophysis. *J. Physiol., Lond.*, 1934-35, 83: 137-44.—**Jensen, H., Geiling, E. M. K., & Tolksdorf, S.** Gonadotropic activity of anterior pituitary of the finback whale. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 42: 470-2.—**Lipschütz, A., & Oviedo, C.** Sur le pouvoir gonadotrope de la préhypophyse de *Myocastor* (*Myopotamus*) *Coyu*. *C. rend. Soc. biol.*, 1935, 118: 333-5.—**Lipschütz, A., & Paez, R.** Les hormones hypophysaires chez le cobaye. *Ibid.*, 1928, 99: 453.—**Lipschütz, A., & Vinals, E.** Sur la substance gonadotrope oestrogène de la préhypophyse du cobaye. *Ibid.*, 1935, 118: 229.—**Magistris, H.** Quantitative Untersuchungen über den Gehalt des Hypophysenvorderlappens an Follikelreifungs- und Luteinisierungshormon bei verschiedenen Tieren. *Arch. ges. Physiol.*, 1932, 230: 835-40.—**Meyer, R. K., Mellish, C. H., & Kupperman, H. S.** The gonadotropic and adrenotropic hormones of the chicken hypophysis. *J. Pharm. Exp. Ther.*, 1939, 65: 104-14.—**Novak, J.** Ueber das gonadotrope Hormon in der Hypophyse des Weibes. *Mitt. Ges. inn. Med. Wien*, 1936, 35: 29-31. Also *Wien. klin. Wschr.*, 1936, 49: 1217-22. Also *Aerzt. Prax.*, 1937, 11: 65-70.—**Schockaert, J. A., & Siebke, H.** Gehalt des menschlichen Hypophysenvorderlappens an gonadotropen Hormonen. *Zbl. Gyn.*, 1933, 57: 2774-82.—**Unterberger, F.** Vergleichende biologische Untersuchungen über das Hypophysenvorderlappenhormon

der Cerviden. *Ibid.*, 1932, 56: 2112-8.—**Wells, L. J.** Gonadotropic potency of the hypophysis in a wild male rodent with annual rut. *Endocrinology*, 1938, 22: 588-94.—**Witschi, E., Stanley, A. J., & Riley, G. M.** Gonadotropic hormones of the hypophysis of the turkey. *Proc. Soc. Exp. Biol., N. Y.*, 1937, 36: 647-51.—**Zondek, B.** Hypophysenvorderlappen. *Arch. Gyn., Berl.*, 1930, 144: 133-64.—**Prolân in der Hypophyse.** *Klin. Wschr.*, 1933, 12: 22-5.

— Occurrence—in plants.

Friedman, M. H. Gonadotropic extracts from the leaves of young oat plants. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, 37: 645.—**& Friedman, G. S.** Gonadotropic extracts from green leaves. *Am. J. Physiol.*, 1939, 125: 486-90.

— Pharmacology.

Biedl, A. Ueber das Hormon des Hypophysenvorderlappens. *Endokrinologie*, 1928, 2: 241-8.—**Fellner, O. O.** Ueber das Hypophysenvorderlappenhormon und die Spezifität des Feminin. *Zbl. Gyn.*, 1927, 51: 3230-5.—**Goodman, L., & Wislocki, G. B.** Note on the failure of anterior lobe extract to pass from mother to fetus in rabbits and cats. *Am. J. Physiol.*, 1933, 106: 323-8.—**Greep, R. O.** Effects of a digested pituitary extract on reproductive tract of hypophysectomized adult male rats. *Proc. Soc. Exp. Biol., N. Y.*, 1939, 42: 454-7.—**Hayward, S. J., Pollock, J. H., & Loeb, L.** The effects of formalin on the thyroid stimulating and gonadotropic hormones of cattle anterior pituitary glands. *Am. J. Physiol.*, 1939, 125: 113-8.—**Heim.** Quantitative Untersuchungen zum Prolânproblem. *Zbl. Gyn.*, 1936, 60: 90.—**Main, R. J.** Mineral salts as toxic factors in urinary prolân concentrates. *Endocrinology*, 1939, 24: 523-5.—**Sasaki, T.** Ueber die Wirkung der Pharmaka auf den isolierten Uterus der infantilen, mit Harn von Schwängern injizierten Ratte. *Mitt. Med. Akad. Kioto*, 1938, 23: 712.

— Pharmacology: Preparations.

Chidester, F. E. Anterior pituitary hormone and other preparations influencing gonadal activity. *Med. Rec., N. Y.*, 1934, 139: 591; 641. Also repr.—**Hertz, R., Hellbaum, A., & Hisaw, F. L.** Gonadotropic action of phytone on juvenile female rabbit. *Proc. Soc. Exp. Biol., N. Y.*, 1932, 30: 41.—**Jorges, E.** [Selling of prolân preparations] *Sven. läk. tidn.*, 1934, 31: 2-5.—**Koch, W.** Prolân in öliger Aufschwemmung; eine neue Applikationsform des gonadotropen Hormons. *Klin. Wschr.*, 1939, 18: 280.—**Merzdorf, G.** Versuche mit Prolân in öliger Aufschwemmung. *Deut. tierärztl. Wschr.*, 1939, 47: 343-7.—**Wehner, A.** Wirkung des Hypophysenvorderlappenhormonpräparates Prolân. *Ibid.*, 1933, 41: 24.—**Westman, A.** Untersuchungen über die Wirkung des gonadotropen Hypophysenvorderlappenhormons, Antex (Leo) auf die Ovarien der Frau. *Acta obst. gyn. scand.* 1937, 17: 492-515.—**Zondek, B.** Zur gonadotroper Stimulationstherapie; Prolân, Synprolân, Prosylin. *Ibid.*, 1935, 15: 1-11.

— Pharmacology: Preparations: Comparative effectiveness.

HAMBURGER, C. Studies on gonadotropic hormones from the hypophysis and chorionic tissue, with special reference to their differences. 184p. 8°. Kbh., 1933.

Benazzi, M. L'azione gonadotropica di estratti preipofisari studiata comparativamente sulla femmina di tritone e di ratto. *Monit. zool. ital.*, 1940, 51: 87-99.—**Chou, S. K., & Liu, S. H.** Comparison of pituitary gonadotropic extract and prolân on ovarian and uterine response in immature rats. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, 37: 228-34.—**Collip, J. B.** Interrelationships among urinary, pituitary and placental gonadotropic factors. *J. Am. M. Ass.*, 1935, 104: 556-8.—**De Fremerly, P.** The reaction of female monkeys to various types of gonadotropic extracts. *Q. J. Exp. Physiol., Lond.*, 1939-40, 29: 203-15.—**Engle, E. T.** Differences in response of female macacus monkey to extracts of anterior pituitary and of human pregnancy urine. *Proc. Soc. Exp. Biol., N. Y.*, 1933, 30: 530-2.—**Evans, H. M., & Simpson, M. E.** A comparison of the ovarian changes produced in immature animals by implants of hypophyseal tissue and hormone from the urine of pregnant women. *Am. J. Physiol.*, 1929, 89: 381-7.—**The response of the gonads of immature pigeons to various gonadotropic hormones.** *Anat. Rec.*, 1934, 60: 405-21. Also repr.—**& Meyer, K.** Relation of prolân to the anterior hypophyseal hormones. *Proc. Soc. Exp. Biol., N. Y.*, 1931, 28: 845-7. Also repr.—**Am. J. Physiol., 1932, 100: 141-56.—**Evans, L. T.** The effects of aututrin S and sheep pituitary extract on the female lizard, *Anolis carolinensis*. *Biological Bull., Lancaster*, 1935, 68: 355-9.—**Fevold, H. L., Hisaw, F. L., & Greep, R. O.** Comparative action of gonad-stimulating hormones on the organ of the rat. *Endocrinology*, 1937, 21: 343-5.—**Fluhmann, C. F.** Comparative studies of gonad-stimulating hormones. *Ibid.*, 1933, 17: 550-62.—**Biologic differences between anterior pituitary sex hormones and gonadotropic substances from pregnant women.** *Proc. Ass. Res. Nerv. Ment. Dis.* (1936) 1938, 17: 350-60.—**Comparative studies of gonadotropic hormones; some effects of long-continued daily injections.** *Endocrinology*, 1939, 25: 193-8.—**Freud, J.** Die Beziehung der gonadotropen Extrakte**

- aus dem Harn Frühschwangerer zum Hypophysenvorderlappenhormon und zu Wirksamkeit des weiblichen und männlichen Sexualhormons. *Sunti Congr. internaz. fisiol.*, 1932, 14. Congr., 86.
- , **Wirkung des Hypophysenextraktes bei Kastraten** (Unterschied gegenüber gonadotropen Harnextrakten). *Acta brev. neerl.*, 1933, 3: 84-6.
- , **Unterschiede zwischen der Wirkung gonadotroper (Frühschwangeren) Harn- und Hypophysenvorderlappenextrakte.** *Ibid.*, 101.
- , **Jongh, S. E. de.** Unterschied zwischen gonadotropen Stoffen aus Harn und aus der Hypophyse. *Ibid.*, 57-9.
- , **Gander, G.** Die Histogenese des Uteruswachstums von Ratte und Maus unter der Wirkung von Ovarial- und Hypophysenvorderlappenhormon im Vergleich mit derjenigen während der Schwangerschaft. *Zschr. ges. exp. Med.*, 1930, 72: 44-64.
- , **Hamblen, E. C.** Response of the human gonads to anterior pituitary and to anterior pituitary-like principles. In *Cyclop. M. (Piersol-Bortz)* Phila., 1939, 5: 754-70, pl.—**Hamburger, C.** Sur la différence entre le Prolan A, provenant de femmes enceintes et de castrats. *C. rend. Soc. biol.*, 1933, 112: 99-102.
- , **Also Hospitalstidende.** 1933, 76. [For. Gyn. Obst. Forh.] 3.
- , **Also Ugeskr. laeger.** 1933, 95: 287-9.
- , **Itakawa, I.** Ueber das Vorderlappenhormon aus Hypophyse und Harn. *Jap. J. M. Sc.*, 1939-40, 12: Proc., Pharm., 48.
- , **Kolpakov, E. V.** [Effect of prolactin and implantation of pituitary tissue in hypophysectomized birds]. *J. méd., Kiev*, 1935, 5: 207-12.
- , **Laurent, G.** Réactions des vésicules séminales et du testicule (souris blanche) après injections d'urine de femme gravide et d'urine d'homme. *C. rend. Soc. biol.*, 1930, 104: 115-7.
- , **Leonard, S. L.** Quantitative difference in a rabbit-ovulating dose of prolactin and anterior pituitary extract. *Proc. Soc. Exp. Biol.*, N. Y., 1932, 29: 812.
- , **1933, 30: 1251.** —, **Lintvareva, N.** [Analogy and difference of biological reactions of prolactin and hormone of the anterior lobe of the pituitary gland]. *Vrach. delo*, 1935, 18: 405-10.
- , **Liu, S. H., & Noble, R. L.** The effects of extracts of pregnant mare serum and human pregnancy urine on the reproductive system of hypophysectomized male rats. *J. Endocr.*, Oxt., 1939, 1: 7-13.
- , **Loeb, L.** The specificity in the action of the anterior pituitary of different mammals as well as of urine of pregnant women on the sex organs and thyroid glands of immature female guinea pigs. *Endocrinology*, 1932, 16: 129-45.
- , **Effects of different anterior pituitaries and human pregnancy urine on rat sex organs.** *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 1330-4.
- , **McGee, W. B.** The effect of gonadokinet principle of the pituitary gland and pregnancy urine on conception in the immature albino rat. *N. Orleans M. & S. J.*, 1934-35, 87: 620-2.
- , **Mahnert, A.** Untersuchungen über die Gleichwertigkeit der als Hypophysenvorderlappenhormon bezeichneten Stoffe im Harn mit den ähnlich wirkenden Stoffen aus der Hypophyse. *Zbl. Gyn.*, 1933, 57: 1572-5.
- , **Melish, C. H., & Meyer, R. K.** The effects of various gonadotropic substances and thyroxine on the ovaries of horned lizards (*Phrynosoma cornutum*). *Anat. Rec.*, 1937, 69: 179-89.
- , **Moore, C. R., & Price, D.** Some effects of fresh pituitary homo-implants and of the gonad-stimulating substance from human pregnancy urine on the reproductive tract of the male rat. *Am. J. Physiol.*, 1931, 99: 197-208.
- , **Novák, J., & Kun, H.** Ueber tierexperimentelle Untersuchungen mit Hypophysenvorderlappenhormon aus Schwangerenharn und mit Hypophysenvorderlappensubstanz. *Wien. Arch. inn. Med.*, 1931, 21: 359-68.
- , **Otte, W.** Ueber Hypophysen- und Harnprolan; vergleichende Untersuchungen. *Berl. tierärztl. Wschr.*, 1939, 55: 124-7.
- , **Robson, J. M.** Pregnancy changes in the rabbit's uterus and their relation to endocrine activity; the action of gonadotropic preparations of the pituitary and of pregnancy urine. *Q. J. Exp. Physiol.*, Lond., 1932, 22: 7-23.
- , **Rubinstein, H. S., & Kadman, H. M.** A comparative study of the gross and microscopic effects of follicle stimulating hormone and anterior pituitary sex hormone on the rat testis. *Am. J. Physiol.*, 1938, 122: 319-24.
- , **Schockaert, J.** Sur la non-identité du prolactin et de l'hormone gonadotrope préhypophysaire. *C. rend. Soc. biol.*, 1933, 112: 733-6.
- , **Schockaert, J. A.** Differences between anterior pituitary sex-stimulating hormones and pregnancy-urine substances as tested in the male mammal and bird. *Am. J. Physiol.*, 1933, 105: 497-507.
- , **Differences between prolactin and the gonadotropic hormone of the anterior pituitary as tested in the young bird.** *Acta brev. neerl.*, 1932, 2: 167.
- , **Schockaert, S. A.** Sulla non identità del prolactin e dell'hormone gonadotrope dell'ipofisi anteriore. *Monit. endocr.*, 1934, 2: 807.
- , **Severinghaus, A. E.** Cytological studies on the rat pituitary after injections of pregnancy urine extract and pregnancy blood serum. *Anat. Rec.*, 1934, 60: 43-67.
- , **Shapiro, H. A.** The biological basis of sexual behaviour in Amphibia; in *Xenopus laevis* (the South African clawed toad) by means of pregnancy urine and of anterior pituitary extracts, with the production of fertilised ova. *J. Exp. Biol.*, Lond., 1936, 13: 48-56, pl.—**Smith, P. E., & Engle, E. T.** Gonad-stimulating hormones from the pituitary and from human urine. *J. Pediat.*, S. Louis, 1934, 5: 163-76.
- , **Szarka, S.** [Gonadotrope hormones of various origin]. *Orv. Hetil.*, 1934, 78: 1009-12.
- , **Vander, P. A., & Lizina, S. K.** Are the prolans of the urine and of the blood of pregnant women identical in their action? *Bull. biol. méd. exp. URSS*, 1940, 9: 27-9.
- , **Wallen-Lawrence, Z., & Van Dyke, H. B.** The gonad-stimulating substances of the anterior lobe of the pituitary body and of pregnancy-urine. *J. Pharm. Exp. Ther.*, 1931, 43: 93-124.
- , **Difference between gonad-stimulation by extracts of pregnancy-urine and pituitary body.** *Proc. Soc. Exp. Biol.*, N. Y., 1931, 28: 956.
- , **Wells, L. J., & Overholser, M. D.** Sperm formation and growth of accessory reproductive organs in hypophysectomized ground squirrels in response to substances from blood and human urine. *Anat. Rec.*, 1938, 72: 231-47, 2 pl.—**Windle, W. F.** Induction of mating and ovulation in the cat with pregnancy urine and serum extracts. *Endocrinology*, 1939, 25: 365-71.
- , **Witschi, E., & Keck, W. N.** Differential effect of some gonadotropic substances on development of cyclical sex characters in the English sparrow. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 598-603.
- , **Wunder, P. A., & Lisina, S. K.** [Are the effects of prolactin from the urine and from the blood of pregnant women identical?] *Bull. eksp. biol. med.*, 1939, 8: 530.
- , **Zondek, B.** Hypophysenvorderlappen, HVH, und Placenta; vergleichende quantitative Untersuchungen bei Mensch und Tier. *Zbl. Gyn.*, 1931, 55: 1-12.
- , **Berblinger, W.** Der Einfluss des weiblichen Sexualhormons und der Hypophysenvorderlappenhormone auf die Struktur der Ratten- und Mäusehypophyse. *Klin. Wschr.*, 1931, 10: 1061-4.

Pharmacology: Synergists.

- , **Aberle, S. B. D.** The interrelation of a gonotropic hormone and vitamin A. *Am. J. Physiol.*, 1933, 106: 267-72.
- , **Aff, H. M., & Loeb, L.** Effect of combination of 2 antagonistic anterior pituitary hormones on sex organs of guinea pig. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 31: 957-61.
- , **Bischoff, F.** Factors influencing the augmentation effects produced by zinc or copper when mixed with gonadotropic extracts. *Am. J. Physiol.*, 1938, 121: 765-70.
- , **Bourg, R.** Etude des variations cycliques des cellules interstitielles testiculaires du rat par la méthode des injections combinées de gravidine et de bleu trypan. *C. rend. Soc. biol.*, 1931, 108: 420-2.
- , **Breneman, W. R.** Augmentation of pituitary gonadotropic hormone by chlorophyll, plant growth hormones and hemin. *Endocrinology*, 1939, 24: 488-93.
- , **Casida, L. E.** Relative gonadotropic augmentative action of plasma and formed elements from blood of cattle. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 570-2.
- , **Chamorro, A.** Le pouvoir synergique ou empêchant de certains extraits préhypophysaires sur le prolactin. *C. rend. Soc. biol.*, 1939, 130: 1109.
- , **L'action paradoxale des mélanges de prolactin et d'extrait synergique de lobe antérieur d'hypophyse.** *Ibid.*, 1110-2.
- , **Sur un extrait hypophysaire, dépourvu d'hormones gonadotropes, qui donne une action synergique avec le prolactin.** *Ibid.*, 1195-7.
- , **Chen, G., & Van Dyke, H. B.** Action of methylolactate on gonadotropic effect of anterior pituitary extract. *Proc. Soc. Exp. Biol.*, N. Y., 1936-37, 35: 491.
- , **Dreyfus, A., & Pires Ferraz, L. P.** Gonades de la souris blanche, injection de bleu trypan et injection d'urine de femme enceinte. *C. rend. Soc. biol.*, 1933, 112: 1511.
- , **Also Rev. biol., S. Paulo, 1933, 4: 16-22, pl.—**Emery, F. E.** Augmentation of gonad stimulating hormone of the hypophysis by copper. *Proc. Soc. Exp. Biol.*, N. Y., 1937, 36: 731-3.**
- , **Evans, J. S., Hines, L. R.** [et al.] Comparative study on the augmentation of the action of gonadotropins from various sources in the rat, mouse and chick. *Endocrinology*, 1940, 26: 1012-21.
- , **Evans, H., Pencharz, R. L., & Simpson, M. E.** The repair of the reproductive system of hypophysectomized female rats by combinations of an hypophysal extract (synergist) with pregnancy-prolactin. *Ibid.*, 1934, 18: 601-6.
- , **Maintenance and repair of the reproductive system of hypophysectomized male rats by hypophysal synergist, pregnancy-prolactin and combinations thereof.** *Ibid.*, 607-18.
- , **Also repr.—Evans, H. M., Simpson, M. E., & Austin, P. R.** The hypophysal substance giving increased gonadotropic effects when combined with prolactin. *J. Exp. M.*, 1933, 57: 897; 58: 545.
- , **Also repr.—Fevold, H. L., Hisaw, F. L., & Greep, R.** Augmentation of the gonad stimulation action of pituitary extracts by inorganic substances, particularly copper salts. *Am. J. Physiol.*, 1936, 117: 68-74.
- , **Giedosz, B.** Sensibilisation de l'action de l'hormone gonadotrope par la vitamine C. *C. rend. Soc. biol.*, 1938, 129: 339-41.
- , **Also Polska gaz. lek., 1938, 17: 850.**
- , **Hellbaum, A.** Augmentation of ovary-stimulating action of gonadotropic preparations. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 568-70.
- , **Jongh, S. E. de, & Kober, S.** Der kombinierte Einfluss von Präparaten mit gonadotropem Hormon aus Harn und Hypophyse bei unkastrierten infantilen weiblichen Ratten. *Acta brev. neerl.*, 1933, 3: 130-2.
- , **Leonard, S. L.** Increased stimulation of immature rat ovaries by combined injections of prolactin and hypophysal sex hormone. *Proc. Soc. Exp. Biol.*, N. Y., 1932, 30: 403.
- , **A study of the pituitary factor increasing the ovarian weights of immature rats when injected in combination with pregnancy urine.** *Am. J. Physiol.*, 1934, 108: 331-40.
- , **Lipschütz, A.** Action combinée de la préhypophyse du cobaye et du rat. *C. rend. Soc. biol.*, 1932, 111: 260-71.
- , **McShan, W. H., & Meyer, R. K.** Heme containing fractions of blood as related to the augmentation of pituitary gonadotropic extracts. *Am. J. Physiol.*, 1937, 119: 574-9.
- , **Saunders, F. J., & Cole, H. H.** Means of augmenting the ovarian response to gonadotropic substances. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 505-8.
- , **Vinals, E.** Renforcement de l'action gonadotrope de l'urine de la femme gravide, par association avec la glande épihypophysaire. *C. rend. Soc. biol.*, 1935, 119: 259-61.
- , **Zhordania, I. F.** [Effect of pituitary-ovarian hormones on the contractile activity of the uterus; effect of prolactin (effect of prolactin only and in combination with pituitrin)] *Ark. biol. nauk*, 1938, 52: No. 2, 39-44.
- , **[Contractile action of the uterus and effect of pituitary-ovarian hormones; effect of the hormone of the corpus luteum, individually and in combination with other gonadotropic hormones]** *Farin. & toks.*, Moskva, 1939, 2: 63-7.

— Physiological aspect.

See also Menstruation; Ovulation; Puberty; Sex, &c.

Aron, M. Signification physiologique du principe stimulant de l'ovaire renfermé dans les extraits préhypophysaires. *C. rend. Soc. biol.*, 1931, **106**: 1046-8.—**Aschheim, S.** Vorderlappen der Hypophyse in der Geburtshilfe und Gynäkologie. *Arch. Gyn., Berl.*, 1930, **144**: 165-84. — Die Beziehungen zwischen Hypophysenvorderlappenhormonen und weiblichem Genitale. *Med. Welt*, 1930, **4**: 459-64, 2 pl.—**Béclère, A., Le Lorient [et al.]** Les rapports entre l'hypophyse et l'appareil génital de la femme. *Gyn. obst., Par.*, 1929, **20**: 487-97.—**Brouha, L., & Simonnet, H.** Recherches expérimentales sur les rapports entre le lobe glandulaire de l'hypophyse et le tractus génital femelle. *Ann. physiol., Par.*, 1928, **4**: 766-71.—**Brouha, L., & Wodon, J. L.** Les rapports entre l'hypophyse et l'appareil génital de la femme. *Gyn. obst., Par.*, 1929, **20**: 487-97.—**Bunster, M. E.** La cuestión neuro-hormonal en ginecología; la hipófisis y el complejo hormonal pre-hipofisiario. *Rev. med. aliment., Santiago*, 1933-35, **1**: 439-69.—**Evans, H. M.** The female sex hormones; the present status of our knowledge of anterior pituitary function. *Tr. Congr. Am. Physicians*, 1933, **15**: 25-46.—**Gallien, L.** Rôle de l'hypophyse dans l'établissement de la puberté chez la grenouille rousse, *Rana temporaria* L. *C. rend. Soc. biol.*, 1939, **130**: 833-5.—**Guitarte, A.** El lobulo anterior de la hipófisis; su rol en ginecología. *Bol. Soc. obst. gin. B. Aires*, 1930, **9**: 294-304.—**Guyenot, E., Moskowska, & Ponce, K.** Action directe de l'hypophyse sur les excoissances nuptiales de Bombarinor pachypus. *C. rend. Acad. sc.*, 1932, **194**: 206-8.—**Hartman, C. G., Firor, W. M., & Geiling, E. M. K.** The anterior lobe and menstruation. *Am. J. Physiol.*, 1930, **95**: 662-9.—**Jongh, S. E. de** [Hormone of anterior lobe of pituitary gland and male sexual organs]. *Ned. tscr. geneesk.*, 1930, **74**: 2186.—**Lipschütz, A.** Loi de la constance folliculaire, loi de la puberté et lobe antérieur de l'hypophyse. *Rev. fr. endocr.*, 1930, **8**: 97-114. — & **Kallas, H.** Hormones hypophysaires et loi de la puberté. *C. rend. Soc. biol.*, 1928, **99**: 454-6. — Nouvelles observations sur les hormones hypophysaires et la loi de la puberté. *Ibid.*, 1929, **100**: 30.—**Matteace, F.** Se esiste una correlazione diretta funzionale tra preipofisi ed utero. *Ann. ostet. gin.*, 1938, **60**: 1617-33.—**Neumann, H. O.** Das Hypophysenvorderlappenhormon Prolan und seine Beziehungen zur männlichen Keimdrüse. *Zbl. Gyn.*, 1931, **54**: 1954-65.—**Novak, J.** Die Bedeutung des Hypophysenvorderlappens in der Gynäkologie. *Wien. med. Wschr.*, 1936, **86**: 593-6.—**Patané, L.** Ormoni gonadotropi e sesso. *Boll. Soc. ital. biol. sper.*, 1938, **13**: 1103.—**Peralta Ramos, A., & Colombo, E. O.** Relaciones hormonales hipofisario-ováricas. *Prensa méd. argent.*, 1938, **25**: 377.—**Philipp, E.** Hypophysenvorderlappen und Placenta. *Zbl. Gyn.*, 1930, **54**: 450-3.—**Robson, J. M.** The rôle of gonadotropic hormone in the maintenance of luteal function. *Q. J. Exp. Physiol.*, Lond., 1938, **28**: 49-59.—**Roulland, H.** Le lobe antérieur de l'hypophyse; son rôle en gynécologie. *Gynécologie*, 1929, **28**: 395-410.—**Stricker, P., & Grueter, F.** Lobe antérieur de l'hypophyse et rupture folliculaire chez la lapine. *C. rend. Soc. biol.*, 1930, **104**: 394.—**Vivien, J. H.** Rôle de l'hypophyse dans le mécanisme du cycle génital femelle d'un téléostéen, *Gobius pagannellus* L. *C. rend. Acad. sc.*, 1939, **208**: 948.

— Relation to other pituitary hormones.

Aron, M. Distinction entre l'hormone préhypophysaire excito-sécrétrice de lathyroïde et le principe stimulant de l'ovaire renfermé dans les extraits préhypophysaires. *C. rend. Soc. biol.*, 1931, **106**: 1044-6.—**Evans, H. M., & Simpson, M. E.** Antagonism of growth and sex hormones of the anterior hypophysis. *J. Am. M. Ass.*, 1928, **91**: 1337. Also repr.—**Lépine, P.** Action comparée des extraits du lobe antérieur d'hypophyse sur la maturation sexuelle et sur la croissance du rat et de la souris. *C. rend. Soc. biol.*, 1931, **106**: 1136-8.—**Loeb, L., Anderson, W. C. [et al.]** The relation between the anterior pituitary hormones acting on thyroid gland and on ovary. *California West. M.*, 1935, **43**: 199.—**Nielsen, H.** [Difference between the thyrotropic and gonadotropic hormones in the anterior lobe of the pituitary gland]. *Hospitaltidende*, 1933, **76**: [Fören. Gynaek. Obst. Forh.] 5-7.—**Teel, H. M., & Cushing, H.** The separate growth-promoting and gonad-stimulating hormones of the anterior hypophysis: an historical review. *Endokrinologie*, 1930, **6**: 401-20.

— Therapeutic use.

See also under names of diseases as Beriberi; Dwarfism; Sterility; Testis, undescended, &c.

BARESEL, G. [W. K.] *Gelingt bei Hypophysenstörungen der cyclusgerechte Aufbau der Uterusschleimhaut durch Zufuhr von Keimdrüsenhormonen? 14p. 23cm. Berl., 1936.

GAUTIER, P. M. L. *Thérapeutique des insuffisances génitales par le lobe antérieur de l'hypophyse. 108p. 8°. Par., 1934.

GRAHL [geb. SCHEIBE] E. [G.] *Zur Klinik des Prolans. 32p. 23cm. Lpz., 1936.

VOGT, V. *Beitrag zur Prolanthérapie in Anlehnung an die Theorie vom Wirkungsmechanismus der Sexualhormone. 62p. 8°. Giessen, 1935.

Anterior pituitary hormones. *Ther. Notes, Detr.*, 1937, **44**: 247-60.—**Antuitrin-S** a therapeutic review of the anterior pituitary-like sex hormone. *Ibid.*, 1936, **43**: 256-65.—**Bansi, H., & Freytag, A.** Gonadotrope Hormone und ihre Verwendung in der Therapie. *Med. Klin., Berl.*, 1938, **34**: 1197-201.—**Bauer, A. W., & Lehfeldt, H.** Beitrag zur klinischen Anwendung des Präparates Prolan. *Zbl. Gyn.*, 1929, **53**: 3404-9.—**Bronstein, I. P.** Intradermal antuitrin-S in children. *J. Lab. Clin. M.*, 1937-38, **23**: 756-61.—**Clinical use of antuitrin-S**; anterior pituitary-like gonadotropic hormone therapy is of proved clinical value in menstrual disturbances, cryptorchidism and sterility, Fröhlich's syndrome, and delayed puberty. *Ther. Notes, Detr.*, 1938, **45**: 97-102.—**Contamin, R., & Lerailliez, F.** Utilisation clinique et résultats thérapeutiques de l'hormone gonadotrope. *Presse méd.*, 1939, **47**: 1660-2.—**Dahl-Iversen, E., & Hjoerdis-Joergensen.** Traitement de l'hyperplasie glandulaire kystique par l'hormone gonadotrope. *Lyon chir.*, 1937, **34**: 659-72.—**Engle, E. T., & Levin, L.** Glandular physiology and therapy; gonadotropins of the anterior lobe of the pituitary and of chorionic tissue. *J. Am. M. Ass.*, 1941, **116**: 47-52.—**Estado actual de la terapeutica pelos extractos de urina gravídica, gonadotropina chorionica.** *Rev. clin. S. Paulo*, 1940, **7**: 128-30.—**Fellner, O. O.** Vorderlappen- oder Feminintherapie. *Klin. Wschr.*, 1930, **9**: 494.—**Gonads (the)** a brief discussion of sex hormone physiology and the gonadotropic hormones. *Ther. Notes, Detr.*, 1935, **42**: 122-35, 4 pl.—**Gonad-stimulating hormone**; actions of the anterior-pituitary-like sex hormone and its use in endocrine therapy. *Ibid.*, 1934, **41**: 191-4.—**Guitarte, A.** Ginecología; hormonoterapia antehipofisaria. *Sem. méd., B. Air.*, 1932, **39**: 851-60.—**Guttmann, D.** Einige Erfahrungen über Hypophysenvorderlappen- und Ovarialhormon. *Med. Welt*, 1931, **5**: 1609.—**Hamblen, E. C.** The clinical evaluation of ovarian responses to gonadotrophic therapy. *Endocrinology*, 1939, **24**: 845-66.—**Heimann, F.** Die Beeinflussung strahlengeschädigter Ovarien durch das Hormon des Hypophysenvorderlappens. *Zbl. Gyn.*, 1935, **59**: 83-90.—**Hirsch-Hoffmann, H. U., & Wulk, H.** Weiterer Beitrag zur klinischen Verwendbarkeit des Hypophysenvorderlappenhormons (Homhormon). *Ibid.*, 1930, **54**: 457-64.—**Hofbauer, J.** Vorsicht im therapeutischen Gebrauch von Hypophysenvorderlappenpräparaten. *Ibid.*, 1932, **56**: 1032.—**Johnstone, R. W., Wiesner, B. P., & Marshall, P. G.** The therapeutic application of gonadotrophic hormones (rh factors). *Lancet, Lond.*, 1932, **2**: 509-12.—**Kocher, G.** Klinische Erfahrungen mit den Hypophysenvorderlappenhormon Prolan. *Klin. Wschr.*, 1930, **9**: 110-3.—**Kopf, H.** Ueber eine neue Indikation des Hypophysenvorderlappenhormons. *Med. Klin., Berl.*, 1934, **30**: 613.—**Laroche, G., & Simonnet, H.** Données récentes sur les hormones hypophysogénitales; les applications thérapeutiques. *Progr. méd., Par.*, 1932, 2137-45.—**Lindemann, W.** Ueber Hypophysenvorderlappentherapie. *Zbl. Gyn.*, 1938, **62**: 635-9.—**Louros, N.** Eindrücke und Beobachtungen bei der Therapie der unregelmässigen Funktion der Ovarien und des Hypophysenvorderlappens. *Arch. Gyn., Berl.*, 1933, **153**: 296-304.—**Martin.** Klinische Erfolge mit Prolan. *Deut. med. Wschr.*, 1935, **61**: 1401.—**Martinoli, A.** L'influenza della somministrazione di estratti ipofisari e della irradiazione dell'ipofisi sull'attaccamento degli innesti ovarici. *Riv. ital. gin.*, 1928, **8**: 307-32.—**Mazer, C., & Katz, B. R.** Clinical evaluation of combined prolan and anterior pituitary therapy. *Endocrinology*, 1933, **17**: 709-22.—**Micale, G.** A proposito di rapporti tra ormoni e vitamine; comportamento delle lesioni genitali da beriberi in seguito a trattamento con ormoni gonadotropi. *Riv. ital. gin.*, 1938, **21**: 77-96.—**Miklós, L., & Bäder, A.** [Experimental therapy with luteinizing gonadotrope hormone]. *Orvosképzés*, 1936, **26**: sept. kilétf. (Tóth Festschr.) 98-101.—**Morató Manaro, J.** Dosificación de las hormonas gonadotróficas en clínica. *Arch. urug. med.*, 1940, **16**: 219-39.—**Novak, E.** Anterior pituitary and anterior pituitary-like substances; therapeutic applications. *J. Am. M. Ass.*, 1935, **104**: 998-1002.—**Present (The)** status of therapy with chorionic gonadotropin. *Ibid.*, 1940, **114**: 487-9.—**Roasenda, G.** Neuro-ipofisi ed erezione. *Riv. pat. nerv.*, 1931, **37**: 75-88.—**Ross, R. A.** Observations pertinent to gonadotropic therapy in gynecology. *Tr. Am. Gyn. Soc.*, 1938, **62**: 38-56. Also *Am. J. Obst.*, 1937, **34**: 780-98.—**Rydborg, E.** [Gonadotrope hormones in gynecological therapy]. *Ugeskr. laeger*, 1939, **101**: 375-82.—**Schaefer, R. L., & Kitchen, D. K.** Observation from 1½ to 5 years following anterior pituitary-like sex hormone (antuitrin-S) therapy. *Nebraska M. J.*, 1940, **25**: 81-5.—**Schaefer, R. L., Sharp, E. A., & Lammy, J. V.** Clinical indications for anterior pituitary-like sex hormone. *Endocrinology*, 1938, **22**: 643-62.—**Szegő, P.** [Preparations from anterior lobe of the pituitary gland in azoospermia and some cases of pregnancy]. *Orv. hetil.*, 1931, **75**: 310-2.—**Tagliamento, P.** Cura prolanica delle affezioni genitali maschili e della sterilità. *Monit. endocr.*, 1934, **2**: 588-90.—**Werner, A. A.** Anterior pituitary-gonad relationship in the female with clinical application. *Nebraska M. J.*, 1938, **23**: 401-4. Also repr.—**Wirtz, P.** Hypophysenvorderlappenhormone und Amenorrhoe. *Zschr. Geburtsh. Gyn.*, 1932-33, **104**: 293-322.—**Zukker, B. V.** [Use of prolan in psychiatric practice]. *Sovet. nevropat.*, 1935, **4**: 143-9.

urinary.

See also subheadings chorionic; Metabolism.

Aron, M. Le titrage des hormones préhypophysaires dans l'urine humaine; son intérêt dans l'exploration fonctionnelle des diverses glandes endocrines. *Bull. Acad. méd., Par.*, 1934, 3, ser., 111: 273-5.—**Bagby, B. B., jr.** Urinary prolan excretion during a menstrual cycle. *J. Lab. Clin. M.*, 1939-40, 25: 687-9. — & **Main, R. J.** The determination of prolan excretion during the menstrual cycle. *Virginia M. Month.*, 1938, 65: 756-8.—**Borras, P. E.** El prolan urinario; su unidad. *Bol. Soc. obst. gin. B. Aires*, 1940, 19: 352-6.—**Browne, J. S. L., & Venning, E. M.** The assay of gonadotropic substances and of oestrin in the urine of women. *Proc. Internat. Physiol. Congr.* (1935) 1938, 15, Congr., 210.—**Brühl, R.** Weitere Untersuchungen über die Ausscheidung von Hypophysenvorderlappenhormon im Urin. *Zschr. Geburtsh. Gyn.*, 1931-32, 101: 403-12.—**D'Amour, M. C., & D'Amour, F. E.** Studies on urinary hebin. *Am. J. Physiol.*, 1935, 113: 33.—**Davy, L., & Sevringhaus, E. L.** Complete recovery of gonadotropic substances from urine of women. *Proc. Soc. Exp. Biol., N. Y.*, 1933, 30: 1422-4.—**Eberson, F., & Silverberg, M. H.** Anterior pituitary hormone in urine. *J. Am. M. Ass.*, 1931, 96: 2176-82. Also repr.—**Ehrhardt, C.** Quantitative Untersuchungen über die Ausscheidung von Hypophysen-Vorderlappen-Hormon im Harn. *Klin. Wschr.*, 1936, 15: 514-6.—**Freed, S. C.** Gonadotropic substance in urine of normal children. *Proc. Soc. Exp. Biol., N. Y.*, 1935-36, 33: 35.—**Gostimirovic, D.** Geschlechtsphysiologische Studien; über die Konservierung des Prolan im Harn. *Munch. med. Wschr.*, 1932, 79: 1392.—**Heller, C. G., & Heller, E. J.** Gonadotropic hormone: urine assays of normally cycling, menopausal, castrated, and estrin treated human females. *J. Clin. Invest.*, 1939, 18: 171-8.—**Hennequin.** Présence de principe gonadotrope dans l'urine en dehors de la grossesse. *Rev. méd. est*, 1934, 62: 750-61.—**Jeffcoate, T. N. A.** The occurrence of pituitary hormones in the urine in conditions unassociated with pregnancy. *Lancet, Lond.*, 1932, 1: 662-5.—**Kraus, E. J.** Zur Frage der positiven Samenblasenreaktion (SBR) mit dem Harn nicht gravidier Frauen. *Med. Klin., Berl.*, 1931, 27: 1215-7.—**Leonard, S. L., & Smith, P. E.** The hypophyseal-like qualities of the gonadotropic principle found in the urine of certain individuals. *Am. J. Physiol.*, 1934, 108: 22-32.—**Palmer, A.** Hormones in urine of a normal non-pregnant woman. *Proc. Soc. Exp. Biol., N. Y.*, 1937-38, 37: 275-7.—**Sæthre, H.** Prolanausscheidung in höherem Alter beziehungsweise im Senium. *Acta. med. scand.*, 1934, Suppl. 59, 440-3.—**Schörcher, F.** Zur Physiologie und Pathologie der Prolanausscheidung im Harn bei Kindern und Jugendlichen. *Klin. Wschr.*, 1931, 10: 2221.—**Smith, P. E., Engle, E. T., & Tyndale, H. H.** Gametokinetic action of extracts of follicle-stimulating urine. *Proc. Soc. Exp. Biol., N. Y.*, 1934, 31: 745.—**Stöckl, E.** Nachweis von Vorderlappenhormon A im Harn nach Hypophysenbestrahlung. *Zbl. Gyn.*, 1932, 56: 2776-81.—**Thomsen, O.** [Observation on the small quantity of gonadotropic hormones in normal urine etc.] *Hospitalstidende*, 1936, 79: [Fören. gynæk. obst. forh.] 1-8.—**Wilkinson, J. F., & de Fremery, P.** Gonadotropic hormones in the urine of the giraffe. *Nature, Lond.*, 1940, 146: 491.

urinary—in males.

Blümel, P. Die Prolanausscheidung beim Mann. *Zbl. Chir.*, 1935, 62: 3019; 1936, 63: 268.—**Goldhammer, H., & Loewy, P.** [Hormone Prolan A in the urine of young, sympathetized men] *Polska gaz. lek.*, 1935, 14: 780.—**Gostimirovic, D.** Geschlechtsphysiologische Studien; Schwangerschaftsreaktion bei der juvenilen männlichen Maus durch Nachweis des Hypophysenvorderlappengeschlechtshormons im Harn. *Munch. med. Wschr.*, 1931, 78: 431.—**Heller, E. J., Heller, C. G., & Sevringhaus, E. L.** Gonadotropic hormone; assays of human male urine. *Proc. Am. Soc. Biol. Chem.*, 1939, 9: p. xli.—**Kukos, A.** Ueber das Verhalten des Geschlechtshormons des Hypophysenvorderlappens im Harn alter Männer. *Klin. Wschr.*, 1934, 13: 943.—**Leatham, J. H., & Morrell, J. A.** Gonadotropic action of normal male urine extract on the dog. *Endocrinology*, 1938, 23: 164-70.—**Ritzke, J.** Kasuistischer Beitrag zur Frage der Prolanausscheidung beim Mann. *Med. Welt*, 1938, 12: 1457.—**Sæthre, H.** Quantitative Bestimmungen der Ausscheidung von Prolan bei Geschlechtsreifen und bei greisen Männern. *Klin. Wschr.*, 1935, 14: 376-8.—**Starkey, W. F., & Leatham, J. H.** Effect of a normal male urine extract on immature female cats. *Endocrinology*, 1940, 26: 499-502.

urinary—in pregnancy.

See Gonadotropin, chorionic.

GONATOBOTRYTIDEAE.

See Thomiella.

GONÇALVES, Georgides. *Contribuição ao estudo das syndromes de medulla sacra (cône e epicône) e des hipupopathias. 280p. 19 pl. 8°. S. Paulo [n. pub.] 1928.

GONÇALVES Neves, Aristão. 1891-1934.

De Lemos, M. *Neurologio.* *Rev. med. cir. Brasil*, 1934, 42: 182-4.

GONÇALVES Pires, Joaquim. *Considerações sobre os derramamentos pleuríticos. 39p. 12°. Lisb., 1864.

GONÇALVES Ribas, Jeronymo. *Anatomia pathologica e tratamento do carcinoma. 105p. 8°. Lisb., T. Q. Antunes, 1875.

GONÇALVES Vallejo Espada, A. *Das indicações e contra-indicações da thoracentese. 57p. 12°. Lisb., 1876.

GONDA, Ladislav. 1901— *Ueber Eklampsia gravidarum et parturientium unter Verwendung der an der Giessener Universitäts-Frauenklinik in den Jahren 1915-25 zur Beobachtung gelangten Fälle. 23p. 8°. Giessen, 1926.

GONDERIA.

See Babesia.

GONDET, Robert. 1905— *Le signe de Babinski intermittent lié aux troubles cardio-respiratoires. 43p. 8°. Par., N. Maloine, 1932.

GONDIC acid.

See Tragacanth.

GONDINET, Pardoux, —1679. **Vernadeau, P.** Pardoux Gondinet, médecin de la reine. *Aesculape, Par.*, 1933, n. ser., 23: 73, 183.

GONDRAND, Alain. 1915— *Les tumeurs de l'ouraqué. 69p. 25½cm. Lyon, Bose frères, 1939.

GONELLA, Giuseppe. 1858-1935. **Gallenga, C.** *Neurologio.* *Boll. ocul.*, 1935, 14: 1, portr.—**Guglianetti, L.** *Neurologio.* *Rass. ital. ottalm.*, 1934, 4: 133, portr.

GONET, Henriette. 1892— *Etude technique de quelques traitements physiothérapiques dans les annexites puerpérales. 39p. 8°. Par., Ed. Véga, 1933.

GONGYLONEMINAE.

See also Nematoda; Spiruridae.

RANSOM, B. H. A new nematode (Gongylonema ingluvicola) parasite in the crop of chickens. 3p. 8°. Wash., 1904.

Alessandrini, G. Il Gongylonema seutatum (Müller) nella prov. di Roma. *Boll. Soc. zool. ital.*, 1909, 2, ser., 9: 163-6.—**Allemandi, A.** Ricerche sulla presenza dei gongilomeni nel tubo digestivo degli animali macellati in Modena. *Arch. ital. sc. med. col.*, 1933, 14: 593-8.—**Baylis, H. A.** On the species of Gongylonema (Nematoda) parasite in ruminants. *J. Comp. Path.*, *Edinb.*, 1925, 38: 46-55.—**Pan, T. C., & Sambon, J. E. B.** Some observations and experiments in Gongylonema in Northern Italy: a preliminary note. *J. Trop. M. Hyg.*, *Lond.*, 1925, 28: 413-9.—**Baylis, H. A., Sheathen, A. L., & Andrews, W. H.** Further experiments with the Gongylonema of cattle. *Ibid.*, 1926, 29: 194-6.—**Dickenson, C. G.** A case of splenic abscess secondary to invasion of the stomach wall of a horse by Spiroptera megastoma. *Vet. J. Lond.*, 1917, 73: Austral. Suppl., 14.—**Lucker, J. T.** Some cross transmission experiments with Gongylonema of ruminant origin. *J. Parasit., Urbana*, 1932, 19: 134-41.—**Raffaelli, S.** Presenza di gongylonema nell'apparecchio digerente degli animali da macello di Ravenna e dintorni. *Clin. vet., Milano*, 1926, 49: 296-301.—**Seurat, L. G.** Sur les gongylomenes du Nord-Africain (contribution à l'étude de la variation chez les nématodes). *C. rend. Soc. biol.*, 1916, 79: 717-41.—**Teixeira de Freitas J., F., & Lent, H.** Notas sobre Gongyloneminae Hall, 1916 (Nematoda: Spiruroidea). *Mem. Inst. Oswaldo Cruz*, 1937, 32: 299-304, 2 pl.

Gongylonema neoplasticum.

See also Cancer, Parasitology: Worms; Stomach, Cancer.

Beatti, M., & Bacigalupo, J. Existencia del Gongylonema neoplasticum (Fibiger-Ditlevsen) en nuestro país. *Rev. Soc. argent. biol.*, 1927, 3: 604-9.—**Brumpt, E.** Nématelminthes parasites des rats sauvages (Epimys norvegicus) de Caracas; Gongylonema neoplasticum; infections spontanées et expérimentales. *Ann. parasit., Par.*, 1932, 10: 414-24, 2 pl.—**Contribution à l'étude de l'action cancérogène de helminthes; rôle du Gongylonema neoplasticum. *Rev. méd. Suisse rom.*, 1935, 55: 66-75, 2 pl.—**Fibiger, J.** Untersuchungen über eine Nematode (Spiroptera sp. n.) und deren Fähigkeit, papillomatöse und carcinomatöse Geschwulstbildungen im Magen**

der Ratte hervorgerufen. Zschr. Krebsforsch., 1913, 13: 217-80, 14 pl. Also Hospitalstidende, 1913, 5. R., 6: 417-449, 6 pl., 473 [Discussion] 441-8.—**Ghetti, G.** A proposito del Gongylonema neoplasticum; ricerche nello stomaco umano. Patologia, Genova, 1923, 17: 520-3.—**Koch, M.** Ueber die Spiropteren als Parasiten und Geschwulststärker. Berl. klin. Wschr., 1914, 51: 1290.—**Yokogawa, S.** On the canceroid growths caused by Gongylonema orientale n. sp. in the rat. Taiwan igakkai zasshi, 1925, No. 240, 1-20.

Gongylonema pulchrum.

Johnston, T. H. A note on the occurrence of the nematode Gongylonema pulchrum in man in New Zealand. N. Zealand M. J., 1936, 35: 172-6.—**Lewis, H. W.** Gongylonema; with case report in a woman. South. M. & S., 1929, 91: 330-2.—**Schultz, R. E. S.** & **Ivantsky, S. V.** [Gongylonematosis in man with a description of the authors' case] Med. parazit., Moskva, 1934, 3: 516-27.—**Stiles, C. W.** A probable (third) case of Gongylonema hominis infection in man. Pub. Health Rep., Wash., 1921, 36: 1177. — & **Baker, C. E.** A fifth case of Gongylonema hominis in man in the United States. J. Am. M. Ass., 1928, 91: 1891.—**White, C. H.** & **Gorrie, R.** A gongylonema infestation in man. Ibid., 1935, 105: 23.

Gongylonema verrucosum.

Baylis, H. A. On the male of Gongylonema verrucosum (Giles) (Nematoda) and on a new species of Gongylonema from the sheep. J. Comp. Path., Edinb., 1926, 39: 134-7.—**Cunha, A. M. da.** Spirothynchus verrucosus n. g. n. sp. Brasil med., 1915, 29: 145.—**Porter, D. A.** On the occurrence of Gongylonema verrucosum in sheep and cattle in the United States. Proc. Helminth. Soc. Washington, 1938, 5: 41.

GONIDIAFORMANS bacillus.

See Bacteroides.

GOÑI Moreno, Ivan. Apuntes de técnica operatoria; temas de práctica diaria. 83p. illust. 24½cm. B. Air., El Ateneo, 1938.

GONIN, André, 1911— *Le syndrome de Morgagni-Adams-Stokes, vertiges et syncopes dans la dissociation auriculo-ventriculaire. 431p. 25cm. Lyon, Bosc frères, 1938.

GONIN, Jules, 1870-1935. Le décollement de la rétine; pathogénie, traitement. 279p. illust. 38 pl. roy. 8°. Lausanne, Libr. Payot & cie, 1934.

For biography see Ann. ocul., Par., 1935, 172: 721 (P. Baillart) Also Boll. ocul., 1935, 14: 897-9, portr. (O. Oblath) Also Klin. Mbl. Augenh., 1935, 95: 381-6 (M. Amsler) Also Orv. hetil., 1935, 79: 739 (E. Grösz) Also Rev. méd. Suisse rom., 1935, 55: 951-61 (O. Dufour) Also Schweiz. med. Wschr., 1940, 70: 377-9 (M. Amsler) Also Wien. klin. Wschr., 1935, 48: 905 (K. Lindner) Also Zschr. Augenh., 1935, 87: 236-8 (A. Brückner)

GONIOCOTES.

See Mallophaga.

GONIONDSKIS, Girsas, 1903— *Die diffuse Hirnsklerose im Kindesalter [Zürich] 39p. 24cm. Kaunas, S. Fondas, 1939.

GONIONEMUS.

Thomas, L. J. Morphology and orientation of the otocysts of Gonionemus. Biol. Bull., 1921, 40: 287-98, pl.

GONIOSCOPY.

See Eye, Anterior chamber: Examination.

GONNERMANN, Heinrich, 1908— *Klinische Beobachtungen an 160 Fällen von Comotio cerebri der Würzburger chirurgischen Universitätsklinik aus den Jahren 1921-33. 16p. 8°. Würzb., R. Mayr, 1934.

GONNERMANN, Wilhelm, 1909— *Ueber Notwendigkeit und Wert einer Eklampsie-phyllaxe [Halle] 30p. 8°. Würzb., K. Tritsch, 1934.

GONNET, Claude, 1904— *Réactions psychomotrices et fatigue (étude expérimentale) 56p. pl. 8°. Par., Mouysset, 1929.

GONNET, Jacques, 1741-1829.

Saint-Aubin. Jacques Gonnet, maître en chirurgie à Belley, 1741-1829. Progr. méd., Par., 1929, 44: 156-63.

GONOBLAST.

See Gamete.

GONOCHORISM.

See Sex, Development.

GONOCOCCEMIA.

See Gonorrhea, Sepsis.

GONOCOCCUS.

See also Gonorrhea; Neisseria.

SOHRAB, H. *Contribution à l'étude du gonocoque. 61p. 8°. Par., 1937.

THOMAS, R. B. The gonococcus and gonococcal infections. 78p. 8°. Wash., 1939.

Aitoff, M. Contribution à l'étude du gonocoque. C. rend. Soc. biol., 1928, 99: 461.—**Asch, P.** Qu'est-ce que le gonocoque? Ann. mal. vénér., 1935, 30: 721-6.—**Barbellion, P.** Qu'est-ce que le gonocoque? Ibid., 1937, 32: 21; 1936, 31: 161. — Connaissons mieux le gonocoque. Rev. gén. clin. théor., 1936, 50: 193-5.—**Bertrand, A.** Le problème du gonocoque. Union méd. Canada, 1933, 62: 226-31.—**Boland, B. F.** & **Cochran, W.** Laboratory study of a special group of cases. N. England J. M., 1931, 205: 680.—**Borrien, H.** & **Katchoura-Gaudureau, W.** Les querelles sur le gonocoque. Rev. prat. biol., Par., 1936, 29: 225-31.—**Bumm, E.** The micro-organism of gonorrheal mucous membrane diseases. Med. Life, 1932, 39: 553-68.—**Carle & Lebeuf.** Propos sur le gonocoque. Gaz. méd. France, 1935, 42: 1021-3.—**Demeriac.** Recherche du gonocoque. Monde méd., 1929, 39: 633-9.—**Franck, G.** Que est-ce que le gonocoque? Ann. mal. vénér., 1935, 33: 848.—**Lavrionovich, A. V.** & **Sirotnin, N. N.** [Observations on gonococcus] Vest. mikrob., 1922, 1: 21-4.—**Lentz, O.** & **Schafer, W.** Untersuchungen über Gonokokken. Arb. Staatsinst. exp. Ther., 1936, H. 33, 39-72, pl. — Beiträge zur Gonokokkenfrage. Deut. med. Wschr., 1937, 63: 388-92.—**Neisser, A.** The micrococi of gonorrhea. Med. Life, 1932, 39: 514-24.—**Research on the Gonococcus and gonococci infections.** J. Am. M. Ass., 1936, 106: 1313.

Antigens.

See also subheadings Serology; Toxin; also Gonoreaction; Gonorrhea, Allergy.

GLINEWSKI, W. *Karbolsäure als Extraktionsmittel für die Herstellung eines Gonokokkenantigens. 21p. 20cm. Königsb., 1937.

SCHMIDT, W. A. *Witebsky's Gonokokkenantigen (ein Beitrag zur Serologie der Gonorrhoe) 15p. 8°. Freib. i. B., 1934.

Barbellion, P. & **Girard, L.** La gonoréaction pratiquée avec l'antigène de Debains. J. urol. méd., Par., 1938, 45: 261-3.—**Carle & Lebeuf.** Quelques considérations cliniques et bactériologiques sur le gonocoque. Ann. mal. vénér., 1935, 30: 881-96.—**Emanuel, L.** [Use of cutivaccine according to Samberger-Feierabend as antigen in gonoreaction] Cesk. dermat., 1938, 18: 89-94.—**Fiorio, C.** & **Re, C.** Il comportamento dell'antigeno gonococcico nel trasporto passivo alla Prausnitz-Küstner. Gior. batt. immun., 1938, 21: 529-44.—**Hedén, K.** Ueber das Vorkommen von heterogenetischen Antikörpern (F-Antikörpern) bei der Gonorrhoe, über F-Antigen bei Gonokokken und über die aktivierende Einwirkung der Gonokokken auf F-Hapten. Acta dermat. vener., Stockh., 1938, 19: 263-315.—**Herráiz, L.** & **Crespo, L.** Relaciones antigénicas entre gonococos y estreptococos. Arch. med., Madr., 1934, 37: 1349-52.—**McNeil, A.** A purified protein antigen for the complement fixation test in gonorrheal infection. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 983-7.—**Musso, E.** Potere antigeno del batterio emofilo polimorfo isolato da Negro nella sperma di blenorragici. Gior. batt. immun., 1937, 19: 856-60.—**Olbrich, S.** Ueber die Verwendung von Gonokokkensuspensionen und -extrakten als Antigen zur Gonorrhoe-Komplementbindungsreaktion. Zschr. Hyg., 1937-38, 120: 258-66.—**Ruff, G.** & **Fischer, I.** Antígenos para la reacción de Mueller-Oppenheim. Prensa méd. argent., 1934, 21: 2468-70.—**Sheunman, N.** & **Ashavskaja, D.** [New method in preparation of gonococcal antigen for Bordet-Gengou's reaction] Urologia, Moskva, 1940, 17: No. 3, 46-9.—**Szép, J.** [Antigens for complement fixation test in gonorrhea, with a new gonococcus antigen] Orv. hetil., 1936, 80: 752-4. Also Derm. Wschr., 1936, 103: 1691-4.—**Witebsky, E.** Ein neues Gonokokkenantigen. Klin. Wschr., 1933, 12: 1455.

Bacteriophage, and antagonists.

Khatavner, A. I. [Antagonism between Gram diplococcus and gonococcus in vitro] Urologia, Moskva, 1940, 17: No. 2, 89-93.—**Pelouze, P. S.** & **Schofield, F. S.** The gonophage; a laboratory and clinical study of the bacteriophage principle

elaborated by the gonococcus. J. Urol., Balt., 1927, 17: 407-38.—**Scaltritti, A.** Sur la bactériolyse du gonocoque. Ann. Inst. Pasteur, Par., 1925, 39: 865-73.—**Schmidt-Labaume, & Fonrobert, H.** Ueber Versuche zur Erzeugung von Bakteriophagen gegen Gonokokken. Zbl. Bakt., 1. Abt., 1929, 112: 379-81.

Biochemistry.

Barron, E. S. G., & Hastings, A. B. The effect of inhibitors and catalysts on the oxidation of lactate and pyruvate by gonococci. Sunti Congr. internaz. fisiol., 1932, 14, Congr., 24.—The mechanism of lactic acid oxidation by the α -hydroxyoxidase of gonococci. J. Biol. Chem., 1932, 97: Proc. lxxiii.—**Barron, E. S. G., & Miller, C. P., jr.** Studies on gonococcal oxidations; oxidations produced by gonococci. Ibid., 691-715. Also repr.—**Boor, A. K., & Miller, C. P., jr.** Nucleoprotein and non-protein substance isolated from the gonococcus; preparation. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 1046-8.—**Casper, W. A.** The preparation of the type-specific carbohydrates of gonococci. J. Immun., Balt., 1937, 32: 421-39.—**Hendry, C. B.** The effect of serum maltase on fermentation tests with gonococci. J. Path. Bact., Lond., 1938, 46: 383-7.—**Mutermilch, S., & Grimberg, A.** Recherches sur les polysaccharides gonococciques. C. rend. Soc. biol., 1935, 120: 387.

Biology, and morphology.

See also subheadings Strains; Variation.

BLASEIO, H. *Beiträge zur Biologie der Gonokokken. 29p. 20 $\frac{1}{2}$ cm. Königsb., 1936.

BRAAM VAN VLOTEN, P. VAN. *Over het kweeken van den Gonococcus neisseri. 126p. 8°. Amst., 1928.

GÖHRING, G. *Beiträge zur Morphologie und Biologie des Gonokokkus. p.309-27. 8°. Würzb., 1933.

STOPPANI, E. R. DE. *Considérations sur la biologie du gonocoque dans ses rapports avec la clinique. 105p. 8°. Par., 1936.

Boor, A. K., & Miller, C. P. Cellular constituents of the gonococcus. Tr. Am. Neisser. M. Soc., 1939, 5: 12-5.—**Cohn, A.** Zur Biologie des Gonococcus. Arch. Derm. Syph., Berl., 1932, 165: 790-6.—**Dossot, R.** A propos de la communication de MM. Palazzoli et Sohrab sur la morphologie du gonocoque. J. urol. méd., Par., 1938, 45: 326.—**Göhring, G.** Rückauswertung zur vorstehender Arbeit des Dr. Miloshevitch. Arch. Hyg., Münch., 1933, 111: 113-7.—**Kaganov, L. S.** [Biology of gonococcus] Vener. dermat., Moskva, 1929, 6: 67-72.—**Lawrynowicz, A.** Observations sur la morphologie et la biologie des gonococcus. C. rend. Soc. biol., 1925, 93: 789.—**Miloshevitch, S.** Bemerkung zur Arbeit, Beiträge zur Morphologie und Biologie des Gonokokkus, des Gerhard Göhring. Arch. Hyg., Münch., 1933, 111: 113-7.—**Nagell, H., & Danielson, E.** Zur Biologie des Gonokokkus. Derm. Zschr., 1929, 56: 16-26.—**Orłowski, P.** Die Biologie des Gonococcus, seine fragliche Specificität und die daraus sich ergebenden therapeutischen Gesichtspunkte. Deut. Aerzte Ztg., 1932, 7: No. 318.—**Saini, U.** Ricerche sulle proprietà morfologiche, culturali e biologiche del gonococco. Gior. batt. immun., 1927, 2: 726-52.—**Siebert, C.** Morphologie und Biologie des Gonokokkus. In Haut & Geschl. (Arzt & Zieler) Berl., 1933, 5: 3-40, illust.—**Spanir, F. L.** [Biology of gonococcus] Vrach. gaz., 1927, 31: 43-5.—**Szilvási, J.** Neue Daten über die Biologie und Morphologie der Gonokokken. Derm. Wschr., 1933, 96: 296-305.—**Trelles, E. E.** Concepto moderno de la biología del gonococo, y su diagnóstico por el laboratorio. Rev. méd. cubana, 1934, 45: 18-32.—**Volk, B.** Zur Biologie des Gonokokkus. Derm. Zschr., 1935, 71: 181-8.—**Wolff, F.** Beitrag zur Biologie des Gonokokkus. Med. Klin., Berl., 1926, 22: 1610-4.

Carriers.

See Gonorrhea, Carriers.

Cultivation.

See also subheading Identification; also Gonorrhea, Diagnosis.

MÖHLMANN, H. *Zur Frage der Gewinnung von Gonokokken-Dauerkulturen. 24p. 8°. Rost., 1931.

Assis, A. de. Observações sobre o cultivo dos gonococcus. Arch. Inst. Vital Brasil, 1925, 3: 133-42.—**Brown, C. P.** Gonococcus culture. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 877 9.—**Cohn, A.** Dauerkulturen von Gonokokken. Zschr. Hyg., 1927-28, 108: 395-7.—**Crabtree, E. G.** Observations on the growth of the Gonococcus and the Staphylococcus albus from the urethra in plate culture (a critical study of Warden's publications) Tr. Am. Ass. Genitourin. Surgeons, 1914, 9: 109-24.—**Dmitriev, A. I.** [Culture of the gonococcus] Mikrob. J., Leningr., 1928, 7: 143-9.—**Fiorio, C.** Ricerche sulla coltivazione della Neisseria gonorrhoeae. Gior. batt. immun., 1933, 11: 708-24.—**Gieszczykiewicz, M.** [Biology

of gonococcus; culture and preservation] Med. dośw., 1927, 8: 43; 189.—**Göhring, G.** Untersuchungen zur Kultur des Gonokokkus. Zbl. Bakt., 1. Abt., 1939, 144: 480-94.—**Gradwohl, R. B. H.** Cultural characteristics of Neisseria gonorrhoeae. J. Bact., Balt., 1931, 21: 48.—**Hac, L. R.** Preservation of cultures of N. gonorrhoeae. Proc. Soc. Exp. Biol., N. Y., 1940, 45: 381-3.—**Hutcheson, J. M.** The cultivation of the gonococcus. Canad. J. M. Techn., 1938-39, 1: 13.—**Kadisch, E., & Ruan, S. W.** Zur Züchtung und Lebensdauer des Gonokokkus. Arch. Derm. Syph., Berl., 1928, 154: 434-43.—**Leahy, A. D., & Carpenter, C. M.** The isolation of Neisseria gonorrhoeae. J. Bact., Balt., 1935, 29: 36.—**McLeod, J. W., Wheatley, B., & Phelon, H. V.** On some of the unexplained difficulties met with in cultivating the gonococcus; the part played by the amino-acids. Brit. J. Exp. Path., 1926-27, 8: 25-37.—**Malcolm, M. M., & Dolman, C. E.** Gonococcus culturing in public health laboratory practice. Canad. Pub. Health J., 1939, 30: 252-9.—**Marshall, A.** The cultivation of the gonococcus. J. Path. Bact., Lond., 1928, 31: 437. Also repr.—**Neumann, H.** Berichtigung zu meiner Arbeit: die Kultur der Gonokokken. Arch. Derm. Syph., Berl., 1935-36, 173: 624.—**Stout, B. F., & Todd, D. A.** Observations and notes on the culture of gonococcus. Texas J. M., 1938-39, 34: 211-4.—**Thompson, L.** Other oxydase positive bacteria found in cultures made for Neisseria gonorrhoeae. J. Bact., Balt., 1936, 31: 82.

Cultivation: Diagnostic and therapeutic aspect.

See also Gonorrhea, Diagnosis; Gonorrhea, Immunization.

Albrecht, E. Die Gonokokkenkultur in ihrer Bedeutung für die Diagnose, insbesondere der chronischen Gonorrhöe und für die Feststellung der Heilung. Veröff. Heer. San., 1938, H. 105, 550-62.—**Barbellion, P.** Diagnosis of the gonococcus by culture. Urol. Cut. Rev., 1930, 34: 721-3.—**Diagnostic bactériologique du gonocoque en pratique courante.** Ann. mal. vénér., 1939, 34: 287-90.—**Deux cas typiques d'erreur de diagnostic bactériologique du gonocoque.** Bull. Soc. fr. urol., 1939, 160. Also J. urol. méd., Par., 1939, 48: 74.—**Berge.** Etude sur le gonocoque et le diagnostic bactériologique de l'infection gonococcique. Arch. méd. pharm. nav., 1938, 128: 21; 313.—**Bertrand, A.** Considérations sur le diagnostic bactériologique de l'infection gonococcique. Union méd. Canada, 1940, 69: 377-81.—**Biró, S., & Földes, E.** [Diagnostic importance of culture of gonococci] Gyógyászat, 1937, 77: 308-10.—**Carpenter, C. M.** Cultural method for the detection of gonococcal infection; a reliable diagnostic procedure and test of cure. Health Bur., Rochester, 1939, No. 12, 2.

—The cultural method for the diagnosis of gonococcal infection. Tr. Am. Neisser. M. Soc., 1939, 5: 72-8. Also Puerto Rico Health Bull., 1940, 4: 33-42.—**Leahy, A. D., & Wilson, K. M.** A comparison of the results of the smear and cultural methods for the diagnosis of gonococcal infection in adult females. Tr. Am. Neisser. M. Soc., 1937, 3: 5-9. Also Am. J. Syph., 1938, 22: 55-8.—**Christiansen, W., & Becker, H.** Die grundsätzliche Anwendung des Kulturverfahrens für den Nachweis der Gonokokken. Münch. med. Wschr., 1938, 85: 990-3.—**Cohn, A.** The importance of bacteriologic cultures for the diagnosis of gonococcal vulvovaginitis and proctitis in children. Am. J. Syph., 1936, 20: 623-9.—**Crosi, A.** La diagnosi batteriologica del gonococo nella pratica clinica. Athena, Roma, 1938, 7: 29-31.—**Diagnosis of gonorrhea by culture.** J. Am. M. Ass., 1939, 112: 1158.—**Engleson, H., & Engleson, G.** Ueber Kulturverfahren zur Diagnose der Gonorrhoe. Acta dermat. vener., Stockh., 1940, 21: 123-32.—**Eiler, C., & Schmitz, J.** Die Bedeutung des Kulturverfahrens neben einmaliger mikroskopischer Untersuchung für die Feststellung des Trippers beim Weibe. Arch. Derm. Syph., Berl., 1937-38, 176: 570-4.—**Felke.** Das Kulturverfahren zur Diagnose der Zervixgonorrhoe, eine Verbesserung der Infektionsquellen-erfassung. Münch. med. Wschr., 1935, 82: 699.—**Fischer, M., & Jordan, P.** Zur Diagnose der männlichen Gonorrhöe mit Hilfe des Kulturverfahrens. Klin. Wschr., 1931, 10: 259-63.—**Fröhlich, H., & Jordan, P.** Die Überlegenheit des kulturellen über den mikroskopischen Nachweis der Gonokokken. Med. Klin., Berl., 1932, 28: 1163.—**Gradwohl, R. B. H.** The diagnosis of gonorrhea by culture. J. Am. M. Ass., 1926, 87: 242.—**Hämel, J.** Die Bedeutung des Kulturverfahrens für die Erkennung des Trippers. Klin. Wschr., 1932, 11: 1342-5.—**Hauptmann, W., & Philadelphia, A.** Ueber das Kulturverfahren bei der weiblichen Gonorrhoe. Derm. Wschr., 1931, 92: 495-500.—**Heine, P. E.** Kulturdiagnose der latenten weiblichen Gonorrhöe. Zbl. Gyn., 1928, 52: 1050-5.—**Kaplan, M., & Wolfram, S.** Untersuchungen über die Bedeutung des Kulturverfahrens bei gonorrhoeischen Erkrankungen. Wien. klin. Wschr., 1935, 48: 711-4.—**Kisel, J.** [Experiences with the culture of gonococci] Bratisl. lek. listy, 1939, 19: 217-26.—**Konrad, E.** Zur Diagnose der weiblichen Gonorrhöe mit Hilfe des Kulturverfahrens. Klin. Wschr., 1928, 7: 594-8.—**Krückeberg, B.** Die praktische Bedeutung des kulturellen Gonokokkennachweises. Derm. Wschr., 1937, 105: 1525-31.—**Leahy, A. D., & Carpenter, C. M.** The diagnosis of gonococcal infections by the cultural method. Am. J. Syph., 1936, 20, 4: 347-63.—**Negro, G.** Vérification bactériologique culturale de l'infection gonococcique latente. Boll. Sez. ital. Soc. internaz. microb., 1936, 8: 34.—**Neumann, H.** Die Bedeutung kultureller Gonokokkenuntersuchungen für die Gonorrhoe. Derm.

Wschr., 1937, 105: 1398.—**Paz, F.** La investigación bacterioscópica del gonococo en los escurrimientos uretro-vaginales. Salubridad, Méx., 1931, 2: 87.—**Pitts, A. C.** The culture method in the diagnosis of gonorrhea. Vener. Dis. Inform., 1940, 21: 67-74.—**Raszkos, B., & Epsteinówna, T.** [Culture of gonococci in relation to the clinical aspect] Przegl. dermat., Warsz., 1938, 33: 86-99.—**Reymann, F. E.** Cultivation of the gonococcus as a method in the diagnosis of gonorrhoea, especially in females. Acta dermat. vener., Stockh., 1939, 20: 599-606. Also Ugeskr. læger, 1940, 102: 307-9.—**Ruys, A. C.** [Value of culture in the diagnosis of gonorrhea in the rectum in women] Ned. tsehr. geneesk., 1934, 78: 5533-7. Also J. Am. M. Ass., 1935, 104: 1844. [Culture tests in diagnosis of gonorrhea in women] Geneesk. tsehr. Ned. Indië, 1936, 76: 1283-7.—**Scartozzi, C.** Diagnosi culturale di gonococchi e ricerche biologiche sulla Neisseria gonorrhoeae. Gior. batt. immun., 1934, 13: 566-99.—**Schlirf, K.** Ueber die Bedeutung bakteriologisch-serologischer Untersuchungen für die Erkennung und Bekämpfung des Trippers, das Kulturverfahren. Münch. med. Wschr., 1934, 81: 364-6.—**Scudder, S. A.** A comparative study of the value of stained smears and cultures in the diagnosis of gonorrheal vulvo-vaginitis. J. Urol. Balt., 1925, 14: 429-40.—**Sherishorin, S.** [Cultivation of gonococcus in bacteriologic diagnosis of gonorrhea] Vest. mikrob., 1929, 8: 424-32.—**Singh, N.** Cultivation of the gonococcus for vaccine. Ind. J. M. Res., 1934, 21: 769-73.—**Sommer, K., & Rüther, H.** Die klinische Bedeutung der Go-Kultur bei der chronischen Gonorrhoe der Frau (zur Vermeidung von Scheinheilungen nach Uliron) Deut. med. Wschr., 1939, 65: 90-2.—**Tauber, O. M.** Ueber die praktische Bedeutung der kulturellen Diagnose der weiblichen Gonorrhoe. Wien. klin. Wschr., 1937, 50: 902-5.—**Wendberger, J., & Dolega, E.** Zum Erregernachweis bei weiblicher Gonorrhoe (unter besonderer Berücksichtigung des Kulturverfahrens) Derm. Zschr., 1937, 75: 8-15.—**Winer, L. H., & Leibovitz, A.** Gonococcus cultures as an aid to diagnosis. J. Lancet, 1939, 59: 267.—**Zieler, K.** Der Nachweis der Trippererreger durch die Kultur und dessen Bedeutung (mit Berücksichtigung der Fehlerquellen) Derm. Wschr., 1939, 108: 349-57.

Cultivation: Methods.

See also Prostate, Secretion: Examination; Sperma, Examination; Urine, Examination, &c.

SCHUBERT, W. [B. K.] *Der Wert der Kultur-methode bei der Diagnose der Gonorrhoe. 28p. 8°. Bresl., 1935.

WOELKE, H. *Beiträge zur Züchtung der Gonococcen [München] 19p. 21cm. Bottrop, 1936.

Ballet & Delaunay. Revue pratique du diagnostic bactériologique des affections à gonocoques. J. méd. Paris, 1936, 56: 228-30.—**Barbellion, P.** Gonocoeque latent et spermoculture. J. urol. méd., Par., 1927, 24: 36-49.—**Brandino Corrêa.** Considerações sobre a espermocultura. Fol. med., Rio, 1927, 8: 54.—**Chiaudano, C.** Ricerche sulla coltivazione del gonococco. Gior. batt. immun., 1926, 1: 305-11.—**Ch'in, T. L.** Cultivation of gonococcus from urinary sediment of patients with acute and chronic gonorrhea. Chin. M. J., 1938, 53: 227-32.—**Cultural methods for the diagnosis of gonococci infections.** J. Am. M. Ass., 1936, 107: 1564.—**Egiazarov, M. K., & Mitukovich, N. A.** [Diagnostic value of spermaculture in gonorrhea] Kuban. nauch. med. J., 1928, 7: 322-7.—**Fiorio, C.** La spermocultura come mezzo di diagnosi nel gonococcismo latente. Gior. batt. immun., 1931, 7: 488-94.—**Gieszczykiewicz, M.** [Method and importance of bacteriological examination of gonorrhea] Polska gaz. lek., 1927, 6: 660-3. Also Zbl. Bakt., 1. Abt., 1928, 108: 356-69.—**Giscard, J. B.** Technique de la spermoculture. Clinique, Par., 1925, 20: 89-91.—**Goligorsky, S.** L'uroculture à base des urines recueillies après un massage de la prostate et des vésicules séminales dans le dépistage de gonococcies chroniques et comme test de guérison, modification du procédé initial. J. urol. méd., Par., 1939, 48: 118.—**Gory, M., & Jaubert, A.** Sperma culture technic and diagnostic value. Vener. Dis. Inform., 1928, 9: 363-79. Also J. urol. méd., Par., 1928, 25: 324-48.—**Harrison, L. W.** The use of Mislowitz's portable incubator Monotherm in culture of the gonococcus. Brit. J. Vener. Dis., 1937, 13: 116-8.—**Jordan, P.** Die Gonokokkenkultur aus eingesandtem Sekret. Deut. med. Wschr., 1932, 58: 1128.—**King, A. J., & Mascall, W. N.** Gonococcal vaginitis in the adult; a method of isolating the gonococcus from the vaginal secretion. Lancet, Lond., 1935, 1: 1492-4.—**Krantz, W.** Ein Verfahren zur Gewinnung von Gonokokken-Dauerkulturen. Derm. Wschr., 1927, 85: 1252-5.—**Lebreton, P.** Nécessité et valeur de la culture du sperme dans les uréthrites chroniques. Clinique, Par., 1925, 20: 87.—**McLeod, J. W., Coates, J. C.** [et al.] Cultivation of the gonococcus as a method in the diagnosis of gonorrhoea with special reference to the oxydase reaction and to the value of air reinforced in its carbon dioxide content. J. Path. Bact., Camb., 1934, 39: 221-31, pl.—**Maino, M.** Su di un metodo di coltivazione e di conservazione del gonococco. Boll. Soc. ital. biol. sper., 1933, 8: 1209-12.—**Marsellos, V.** Importanza della spermocultura per la diagnosi dell'infezione gonococcica. Riforma med., 1927, 43: 104.—**Menge, K.** A contribution on the culture of the gonococcus. Med. Life, 1932, 39: 584-95.—**Mislowitz, E., & Burian, H.** Der kulturelle Gonokokkennachweis mittels des neuen trans-

portablen Mikrobrutschranks. Schweiz. med. Wschr., 1937, 67: 97.—**Mikrychiantz, A. L., & Czaguev, S. A.** [Methods and clinical importance of spermaculture] Vener. dermat., Moskva, 1929, 6: 61-70.—**Negro, G.** La spermocultura nella diagnosi del gonococcismo latente. Gior. bat. immun., 1936, 16: 705-25.—**Neumann, H.** Neue Züchtungsmethoden für Gonokokken und Meningokokken. Klin. Wschr., 1936, 15: 58.—**Nicoletti, V.** Prove di cultura del gonococco in presenza di gonococchi morti o di estratti dei medesimi. Boll. Ist. sicroter. milan., 1928, 7: 443-50.—**Noguès & Durupt.** Quelques remarques sur les cultures de sperme chez les sujets atteints d'uréthrite chronique. Bull. Soc. fr. urol., 1923, 2: 39-43. Also J. urol. méd., Par., 1923, 15: 133-6.—**Peniche Cantón, R.** Investigación bacteriológica por siembras (espermocultivos, urinocultivos) en los casos dudosos de uretritis gonococcica. Rev. méd. Yucatán, 1936-37, 19: 161-6.—**Persico, L.** Contribución al estudio cultural del gonococo, Neisseria gonorrhoeae (Neisser) 1879, un nuevo método de cultivo. Rev. sudamer. endocr., B. Air., 1940, 23: 607-17.—**Popescu Buzcu, M.** La spermoculture, ses indications, sa technique, ses résultats; étude résumative de quatre cents cas. C. rend. Congr. internat. méd. trop., 1928, 1. Congr., 3: 223-30.—**Rispoli, J. A.** Consideraciones prácticas sobre la investigación del gonococo. Rev. med., B. Air., 1940, 2: 814-20.—**Sacccone, A.** La spermocultura nelle infezioni croniche ureterali da gonococco. Rinasc. med., 1936, 13: 587.—**Saehhof, C. C.** Chronic urethritis; isolation of the gonococcus and pleomorphism of secondary invaders simulating the gonococcus. Illinois M. J., 1926, 49: 512-4. Isolation of the gonococcus from chronic urethritis. J. Iowa M. Soc., 1926, 16: 411.—**Scartozzi, C.** Contributo allo studio della spermocultura. Atti Congr. naz. microb., Milano, 1937, 6: 516.—**Shaw, L. O., & McAlister, H. M.** Details of a proved technique for the culture of the gonococcus and its clinical value. Urol. Cut. Rev., 1940, 44: 429.—**Sosa, H.** Recurso de técnica para o isolamento do gonococo nas uretrites agudas. Arch. brasil. med., 1931, 21: 269-71. Also C. rend. Soc. biol., 1931, 106: 384.—**Szilvási, J.** Untersuchungen über das primäre Erscheinungsbild der Gonokokken, Herstellung des richtigen Bildes und ein einfaches Züchtungsverfahren. Derm. Wschr., 1933, 97: 1181-7.—**Tuchshnid, D. I.** [Significance of cultures of the ejaculation in diagnosis of latent gonorrhea] Vest. vener., 1939, No. 5, 46-8.

Culture media.

DEHNE, A. [K. A.] *Ueber die Beeinflussung des Wachstums von Gonokokken auf Kultur-nährböden durch Zusatz von Vitaminen. 21p. 8°. Rost., 1933.

Balsamelli, P. Milieux de culture vaccinés pour l'isolement et la culture du gonocoeque. Ann. Inst. Pasteur, Par., 1935, 55: 249-54.—**Beck, C. H. E.** A new chocolate agar for culture of the gonococcus. J. Lab. Clin. M., 1937-38, 23: 415.—**Boari, D.** Su di un nuovo terreno di cultura per Neisseria gonorrhoeae. Arch. ital. dermat., 1939, 15: 133-7.—**Casper, W.** Gonokokkenzüchtung auf Blutwasseragar. Klin. Wschr., 1929, 8: 1576.—**Ch'in, T. L., & Pang, K. H.** Cultivation of gonococcus in tyrode-serum mixture. Proc. Soc. Exp. Biol., N. Y., 1939, 41: 150.—**Cohn, A., & Kruger, R. G.** Hemolyzed beef- or sheep-blood media for isolation of the gonococcus. Am. J. Syph., 1940, 24: 295-300.—**Coppolino, A.** La cultura del gonococco dal sangue mestruale sulle piastre A C D di Neumann. Gior. ital. dermat. sif., 1939, 80: 785-98.—**D'Antona, D., & Valensin, M.** Primi risultati con un nuovo terreno di isolamento e di coltura del gonococco, meningococco ed altri germi fragili. Gior. batt. immun., 1938, 21: 664-7.—**Del Castillo, H., & Herraiz, L.** Un nuevo medio para aislamiento del gonococo. Arch. med., Madr., 1934, 37: 710.—**Flessa, W.** Die Diagnose der chronischen weiblichen Gonorrhoe durch das Seidenfaden-Plattenkulturverfahren. Zbl. Gyn., 1928, 52: 1198-201.—**Gajzagó, D.** [The cultivation of the gonococcus in culture-media containing lipids] Magy. orv. arch., 1927, 28: 568-71.—**Gardner, L. W.** Nile blue a medium for the culture of the gonococcus. Am. J. Syph., 1940, 24: 737-42.—**Greene, R. A., & Breazeale, E. L.** The use of swabs impregnated with acetic fluid in the laboratory diagnosis of gonorrhea. J. Lab. Clin. M., 1937-38, 23: 1211-3.—**Guevara, F.** Medio de cultivo especial para gonococo. Bol. Inst. hig., Méx., 1937, 3: 88.—**Herrold, R. D.** The successful cultivation of the gonococcus on blood agar plates. J. Infect. Dis., 1928, 42: 79-83. Whole human blood agar for the growth of the gonococcus. Vener. Dis. Inform., 1932, 13: 101.—**Hill, J. H., & Pitts, A. C.** The growth of Neisseria gonorrhoeae on the chorio-allantoic membrane of the chick embryo. J. Urol. Balt., 1939, 41: 81-3.—**Jędrzejewski, S.** [Observations on nutrient media for culture of gonococci] Przegl. dermat., Warsz., 1938, 33: 355-74.—**Karro, K.** [Cultivation of gonococci by the Torahiko-Ikoma and the Sachs-Mücke methods] Vest. mikrob., 1926, 5: 21-3.—**Karyszkowski, L.** [Growth of gonococcus bacteria in albuminoid culture-medium] Lek. wojsk., 1926, 8: 343-9.—**Kryzhanovskaia, S. V.** [Isolation of the gonococcus by a perfected method] Akush. gin., 1940, No. 5, 23-5.—**Lai, N.** Notes on selective media for gonococcus and pneumococcus. Ind. J. M. Res., 1925-26, 13: 183-5.—**Li, C. P.** Observations on gonococcus grown in tissue medium. Chin. M. J., 1940, 3: Suppl., 329-33, 2 pl.—**McLeod, J. W., Coates, J. C.** [et al.] Cultivation of the gonococcus. Canad. M. Ass. J., 1934, 31: 661.—**Manca Pastorino, V.** Ricerche

sulle modificazioni culturali del gonococco dopo l'azione di preparati sulfamidici; terreni e metodi per la cultura del gonococco. Boll. Ist. sieroter. milan., 1940, 19: 115-40.—**Mak, K. C.** A comparison of various media for the isolation of gonococcus. Chin. M. J., 1936, suppl. 1, 153-8.—**Miller, C. P., jr.** & **Castles, R.** An egg white digest medium for the gonococcus. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 123-5.—**Miller, C. P., jr.** & **Hastings, A. B.** A synthetic substitute for ascitic fluid in a medium for cultivation of gonococcus. Ibid., 1929-30, 27: 748-50.—**Negro, G.** Terreno semi-solido per la cultura della Neisseria gonorrhoeae. Gior. batt. immun., 1937, 19: 160-3.—**Neumann, H.** Eine neue Gonokokken-Kultur-methode. Derm. Wschr., 1935, 101: 883-90. Grund-lagen für die Beurteilungen des Gonokokkenwachstums auf den A-, C- und D-Platten. Ibid., 1937, 105: 1497-504.—**Peizer, L. R.** A method of employing plasma and hemoglobin as enrichments in primary gonococcus isolations. J. Lab. Clin. M., 1939-40, 25: 299-303.—**Pelouze, P. S.** & **Viteri, L. E.** A new medium for gonococcus culture. J. Am. M. Ass., 1926, 86: 684. Also repr.—**Philadelphia, A.** Zur Gonokokkenkultur auf Blutwasseragar. Wien. klin. Wschr., 1933, 46: 1052-4.—**Pietkiewicz, L.** [Gonococcus cultures on Karwacki's agar] Med. dōsw., 1929, 10: 421-5.—**Pollák, O. J.** Neuer Nährboden für Gonokokken. Zbl. Bakt., 1. Abt., 1935, 134: 459-61.—**Porcelli, R.** Modificazioni culturali, morfologiche e di colorazione del gonococco coltivato in terreni cosiddetti vaccinati. Gior. ital. derm. sif., 1929, 70: 1255-7.—**Price, I. N. O.** A simple and efficient egg-albumen medium for the cultivation of the gonococcus. J. Path. Bact., Camb., 1935, 40: 345-9.—**Riggio, T.** Primi risultati di esperienze per la ricerca di un terreno per l'isolamento biologico del gonococco. Gior. ital. derm. sif., 1937, 78: Suppl., 57-9. Sulla ricerca di un terreno elettivo per l'attecchimento del gonococco. Ibid., Suppl., 169.—**Rigobello, G.** I terreni al fegato per l'isolamento e cultura del gonococco. Boll. Soc. ital. biol. sper., 1928, 3: 426; 565.—**Sartory, A., Sartory, R.** [et al.] L'influence des facteurs activants spécifiques contenus dans les filtrats de champignons inférieurs, sur la croissance du Micrococcus gonorrhoeae. Bull. Acad. méd., Par., 1935, 3. ser., 114: 134-8.—**Scartozzi, C.** Azione del pa del terreno culturale sullo sviluppo della Neisseria gonorrhoeae. Gior. batt. immun., 1935, 15: 934-45.—**Schreus, H. T.** Bemerkungen zur Gonokokkenkultur nach dem Verfahren Felkes. Derm. Wschr., 1938, 107: 1421.—**Schubert, M.** Ueber Gonokokkennährböden. Ibid., 1932, 94: 386-90.—**Shevchenko, F. I.** & **Karpova, L. P.** [Medium for culture of gonococci in the manufacture of vaccines] J. mikrob., Moskva, 1939, No. 11, 162-4.—**Siestrop, J. G.** [New culture medium, especially suitable for cultivating gonococci] Ned. tschr. geneesk., 1930, 74: 19-22, pl.—**Sordelli, A., Miravent, J. M.** & **Negroni, P.** Culture du gonococque; quelques détails sur certain milieux d'élection. C. rend. Soc. biol., 1926, 95: 1164-6. Also An. Dep. nac. hig., B. Air., 1927, 33: 188-90.—**Spanier, F. L.** Mucinagar als Nährboden für Gonokokkenzüchtung (eine neue Züchtungsmethode) Schweiz. med. Wschr., 1928, 58: 1034-6.—**Spohr, C. L.** & **Landy, M.** A cultural method for the diagnosis of gonorrhea employing the direct oxydase reaction. J. Lab. Clin. M., 1935-36, 21: 650-4.—**Spray, R. S.** A useful medium for cultivation of the gonococcus and allied organisms. Ibid., 1929-30, 15: 179.—**Sulkin, S. E.** & **Gottlieb, E.** The use of an improved culture medium in the diagnosis of gonococcal infection in the adult female. Am. J. Syph., 1941, 25: 22-7.—**Szilvási, J.** Der Nährboden des Gonokokkus. Derm. Wschr., 1932, 94: 243.—**Die Züchtung der Gonokokken. Ibid., 245.—Taffet, J.** Importance of the source of the serous liquids used in the cultivation of gonococci] Med. dōsw., 1935, 20: 238-51.—**Thompson, L.** Observations on McLeod's method for culturing the gonococcus. J. Infect. Dis., 1937, 61: 129-33.—**Timokhina, M. J.** [Choice of nutritive medium for the gonococcus] Sovet. vest. vener., 1932, 26.—**Toumanova, E.** [Growth of gonococci on ascitic agar, with determination of hydrogen ion concentration] J. akush., 1927, 38: 696-701.—**Tsuda, H.** Neuer spezifischer Gonokokkennährboden ohne rohes Eiweiss (Anhang: Vergleich mit verschiedenen Organfleischwassern) Zbl. Bakt., 1. Abt., 1931, 121: 506-12.—**Weszel, H.** Wachstum von Gonokokken auf Neumann-Nährböden und ihre Beeinflussung durch Verwendung disepthalhaltigen Menschenblutwassers. Münch. med. Wschr., 1938, 85: 1897-9.—**Winkler, E.** Vergleichende Untersuchungen über das Wachstum von Gonokokkenkulturen auf den Neumannschen A-, C-, D-Platten und auf der Aszitesagarplatte. Derm. Wschr., 1937, 105: 845-52.—**Wyss-Chodat, F.** Les conditions biologiques de la culture du gonococque; rôle de la vitamine B. Schweiz. med. Wschr., 1934, 64: 854.

Dissociation.

See also subheading Variation.

Almaden, P. J. The mucoid phase in dissociation of the gonococcus. J. Infect. Dis., 1938, 62: 36-9.—**Derkach, V. S.** & **Golovina, Z. S.** [Dissociation of gonococcus] Ann. Mechnikov. Inst., Kharkov, 1936, 5: 89-108.—**Gleiberman, E. I.** & **Krakovshchinskaja, I. D.** S. [Dissociation of the gonococcus] In Minilvst mikrob. (Kiev Inst. mikrob.) 1929, 229-40.—**Raven, C.** Dissociation of the gonococcus. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 899-901. Also J. Infect. Dis., 1934, 55: 328-39.

Identification.

See also Gonococcus, pseudo.

Basnuevo, J. G. Pruebas para el diagnóstico del diplococo de Neisser. Crón. méd. quir. Habana, 1933, 59: 457-62.—**Cohn, A.** Notes on the microscopic diagnosis and cultural differentiation of the gonococcus. J. Lab. Clin. M., 1938-39, 24: 986-8.—**Debiasi, E.** Sulla ricerca culturale del gonococco nei secreti; diagnosi differenziale dai gonococcosimili. Clin. ostet., 1930, 32: 665-82.—**Gieszczykiewicz, M.** [Biology of gonococcus; position of gonococcus among bacteria and its differentiation] Med. dōsw., 1928, 8: 299-314.—**Raven, C.** Factors in the growth and identification of the gonococcus. J. Am. M. Ass., 1937, 108: 746.—**Reitzel, R. J.** & **Kohl, C.** The identification of gonococci in complications of gonorrhea. Ibid., 1938, 110: 1095-8.—**Skomorovskaia, A. G.** Sur l'importance des formes involutives du staphylocoque pour le diagnostic du gonococque. Ann. mal. vénér., 1937, 32: 188-95.—**Timokhina, M. J.** [Gram-positive diplococci in cultures of Neisser's gonococcus] Vest. vener., 1937, 733-40.

Infection.

See also Gonorrhea.

THOMAS, R. B. & **BAYNE-JONES, S.** The gonococcus and gonococcal infections. p. 1-179. 8°. S. Louis, 1936.

In Am. J. Syph., 1936, 20: Suppl.

Alissov, P. A. & **Faibich, M. M.** [Experimental gonorrhea in rabbits] Vrach. delo, 1928, 11: 1060-3.—**Asch, P.** L'importance des gonocoques atypiques pour le diagnostic de la blennorrhagie et leur rôle dans la transmission de la blennorrhagie. Rev. fr. gyn. obst., 1938, 33: 644-9.—**Bradford, W. L.** & **Titsler, R.** Experimental gonococcal infection in the chick embryo. Proc. Soc. Exp. Biol., N. Y., 1936, 34: 241.—**Burt-scher, J.** & **Lauter, R.** Zur Frage der experimentellen Kanin-chengonorrhoe. Zbl. Bakt., 1. Abt., 1928, 108: 245-7.—**Cohn, A.** Verimpfung von Gonokokken auf Kaninchen. Derm. Zschr., 1390-31, 60: 35-41.—**Grimberg, A.** & **Muter-mich, S.** L'infection gonococcique expérimentale chez le cobaye. Bull. Soc. méd. Paris, 1936, 337-40. Also C. rend. Soc. biol., 1936, 122: 160-2.—**Jost, J.** Welche Bakterien kommen bei der Präputialblennorrhöe des Hundes vor und wie verhalten sich der Hund und andere Versuchstiere bei Uebertragungs-versuchen mit dem Neisserischen Gonokokkus? Arch. wiss. prakt. Tierh., 1926-27, 55: 473-99. — Gonorrhöeüber-tragungsversuche auf Hund und andere Versuchstiere. Ibid., 503-22.—**Kalinin, A. M.** & **Fahlberg, O. F.** Die experimentelle Blennorrhöe der Kaninchen. Zbl. Bakt., 1. Abt., 1927, 102: 359-63.—**Levaditi, Girard, A.** & **Vaisman, A.** La toxi-infection gonococcique expérimentale et son traitement chimiothérapique. Bull. Soc. fr. derm. syph., 1937, 44: 1887-91. Also Presse méd., 1937, 45: 1371-3.—**Lévine, E. M.** & **Lévine, J. M.** Contribution à l'étude de la blennorrhée expérimentale chez les lapins. Ann. mal. vénér., 1934, 29: 331; 412.—**Miller, C. P.** Experimental gonococcal infection. Tr. Am. Neisser. M. Soc., 1939, 5: 20-2. — **Hawk, W. D.** Experimental infection of mice with gonococcus. Arch. Path., Chic., 1939, 28: 764. Also Tr. Ass. Am. Physicians, 1940, 55: 216-8.—**Nedoumov, G.** & **Judenich, B.** [Experimental gonorrhea in rabbits] Vrach. delo, 1927, 10: 1636-8.—**Nevot, A.** & **Dreyfus, M. R.** Infection gonococcique expérimentale chez le cobaye. Bull. Soc. fr. urol., 1938, 167-9. Also J. urol. méd., Par., 1938, 46: 157-9.—**Ossipov, Z. A.** & **Ukhin, A. F.** [Experimental gonorrhea] Vest. mikrob., 1927, 6: 86-9.—**Ovchinnikov, N. M.** & **Bron-stein, V. G.** [Our failures in experimental infection of animals with gonococci] Urologia, Moskva, 1935, 12: 56-61.—**Partsch & Nagell.** Gonorrhöische Infektion bei Versuchstieren unter besonderer Berücksichtigung der Gelenkinfektion. Deut. med. Wschr., 1927, 53: 835.—**Retzlaff, K.** Zur Frage der gonorrhöischen Infektion bei Versuchstieren. Zbl. Bakt., 1. Abt., 1929, 113: 130-2.—**Rigobello, G.** Osservazioni su un metodo di trasmissione sperimentale della gonorrhea al coniglio. Boll. Soc. ital. biol. sper., 1928, 3: 428-30. Also Boll. Soc. med. chir., Pavia, 1928, 42: 569-71.—**Schäfer, W.** & **Walther, E.** Untersuchungen über Gonokokken; weitere Infektionsversuche an Kaninchen, Ratten und Mäusen. Zschr. Hyg., 1938-39, 121: 517-28.—**Sechi, E.** Influenza reciproca degli estratti (tossine ed endotossine) dei comuni germi della flora uretrale sullo sviluppo proprio e sul gonococco. Gior. ital. derm. sif., 1930, 71: 2072-9. — Sulle reciproche influenze dei comuni germi della flora uretrale e del gonococco. Ibid., 1931, 72: 483-91.—**Sternberg, A.** & **Schedrovitsky, S.** & **Rabinovich, E.** [Experimental gonorrhea in animals with changes in constitution] Vrach. delo, 1928, 11: 44-8. Also Zbl. Gyn., 1928, 52: 1833-8.—**Stockmayer, W.** & **Schmitz, J.** Versuche zur Uebertragung der Gonorrhöe auf Kälber. Zschr. Immunforsch., 1934-35, 84: 371-80.

pseudo.

See also Gonorrhea, Diagnosis.

BARBELLION, P. *Gonocoque et pseudo-gonocoque; recherches cliniques et bactériologiques. 121p. 8°. Par., 1926.

Also Arch. urol. Necker, 1925-26, 5: 181-254, pl.

Barbellion, P. Gonocoeque et pseudo-gonocoeque. Rev. prat. mal. pays chauds, 1927, 7: 93-6. — Spermoeculture et pseudo-gonocoeque. J. méd. Paris, 1929, 48: 459-61. — Importance des pseudo-gonococques en urologie. Ibid., 1933, 53: 629; 665. — Beck, A. Kulturelle Untersuchungen über die gramfrei erscheinenden, gonokokkenähnlichen Bakterien in Abstrichen aus dem Urogenitaltrakt. Zbl. Bakt., 1. Abt., 1933, 130: 281-7. — Bolend, R. Report of clinical findings on a pathogenic pseudogonococcus. J. Oklahoma M. Ass., 1924, 17: 57-9. — Koga, I. Studien über die den Neisser'schen Gonokokken ähnlichen Diplokokken. Tr. Jap. Path. Soc., 1926, 16: 118. — Manzi, L. I diplococchi Gram-negativi somiglianti al gonococco nella flora batterica vaginale in ginecologia. Riforma med., 1928, 44: 916-21. — I diplococchi gram-negativi somiglianti al gonococco nella flora batterica vaginale in gravidanza. Ibid., 1929, 45: 10-2. — Nicoletti, V. I germi gonococcosimili (rivista sintetica). Boll. Ist. sieroter. milan., 1928, 7: 417-27. — Saelhof, C. C. Pleomorphism of secondary invaders in urethral infection simulating the gonococcus. Wisconsin M. J., 1926, 25: 334. — Schubert, M., & Beck, A. Zur Frage der gramnegativen, gonokokkenähnlichen Bakterien im Genitaltrakt. Derm. Wschr., 1933, 97: 1598-603. — Schubert, M., & Toenges, T. Mikroskopische und kulturelle Untersuchungen über gramnegative, den Gonokokken ähnliche Diplokokken im weiblichen Urogenitaltrakt. Derm. Zschr., 1931, 32: 362-7.

— Serology.

See also subheadings Antigens; Toxin; also **Gonoreaction; Gonorrhea, Serology.**

Boor, A. K., & Miller, C. P., jr. Nucleoprotein and non-protein substance isolated from the gonococcus; immunological reactions with antineurogonococcus and antipneumococcus sera. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 1050. — Bucura, C., & Schwarz, J. Ein Beitrag zur Serologie der Gonorrhoe. Wien. klin. Wschr., 1930, 43: 1405-7. — Buschke, A., & Casper, W. Zur Biologie und Serologie des Gonokokkus. Fortsch. Med., 1929, 47: 829-31. — Kasakov, A., & Chugueva, S. Die Beziehung zwischen den Blutgruppen und den antigenen Eigenschaften der Gonokokken. Derm. Zschr., 1933-34, 68: 320-5. — Kuroda, Y. Die Beeinflussung der Gonokokkenagglutination durch Antiformin. Zschr. Immunforsch., 1936, 89: 244-8. — Mascall, W. N. Apparent gonococcal cross-fixation. Brit. M. J., 1931, 2: 607.

— Staining.

See also **Gram stain.**

Ciani, M. Contributo allo studio della proprietà tintoriale e culturali del gonococco. Gior. ital. derm. sif., 1931, 72: Suppl., 285. — Dieterich, O. Ist die Gonokokkenfärbung nach Gram zuverlässig? Mschr. Harnkr. sex. Hyg., 1928-29, 2: 17-9. — Drobinsky, R. [Staining of gonococci with eosin-methylene blue] Vrach. delo, 1928, 11: 143. — Gauss, C. J. Der mikroskopische Nachweis der Trippererreger und dessen Fehlerquellen. Münch. med. Wschr., 1939, 86: 609. — Kartanishv, A. Eine neue Methode für die Färbung von Gonokokken und Durey-Unna-Streptobazillen. Derm. Wschr., 1927, 85: 995-7. — Lewin, E. M. Ueber das Verhalten der Reduktionsformen der Gonokokken zur Gramfärbung. Arch. Derm. Syph., Berl., 1932-33, 167: 222-4. — Mihailoff, S. Recherches comparatives sur les différentes méthodes de coloration du gonococque. Rev. méd., Par., 1937, 18: 699-716. — Ovchinnikov, N. M. [Morphology and staining properties of the gonococcus in a smear in the first stage of acute urethritis] Sovet. vest. vener., 1934, 3: 624-9. — Palazzoli, A. Propos des variations tintoriales en morphologiques du gonococque. Ann. mal. vénér., 1936, 31: 671. — Sandiford, B. R. A new contrast stain for gonococci and meningococci in smears. Brit. M. J., 1938, 1: 1155. — Seudder, S. A. A differential stain favorable to the diagnosis of Neisserian infection. Stain Techn., 1931, 6: 99-105, pl. — Spicca, G. Sulla pretesa gram-positiva del gonococco. Riforma med., 1930, 46: 1582-96. — Suzuki, S. Zur Färbung der Gonokokken; über den Einfluss der Wasserstoffionenkonzentration. Jap. J. Derm. Urol., 1933, 34: 105. — Szilvási, J. Das vitale Bild der Gonokokken und die Vorteile der vitalen Untersuchungsmethoden. Wien. med. Wschr., 1933, 83: 1429-31. — Walton, S. T. A quick and reliable method for staining smears for gonococci in a public health laboratory. J. Bact., Balt., 1936, 31: 61. Also J. Lab. Clin. M., 1938-39, 24: 1308.

— Strains.

See also subheading **Variation.**

VOLLMOND, E. *[Investigations on gonococcus types and gonococcus immune sera] 187p. 8° Kbh., 1923.

Atkin, E. E. The significance of serological types of gonococcus. Brit. J. Exp. Path., 1925-26, 6: 235-46, pl. — Casper, W. A. The serological classification of gonococci by comparative agglutination. J. Bact., Balt., 1937, 34: 353-79. — Dienes, L. L type of growth in gonococcus cultures. Proc. Soc. Exp. Biol., N. Y., 1940, 44: 470. — Kasakov, A., & Chugueva, S. [Types of gonococci] J. epidem. mikrob., Moskva, 1933, 2: 69-73. — Miravet, J. M., Quiroga, R., & Negroni, P. Classification sérologique des gonococques. C. rend. Soc. biol., 1926, 95: 1166-8. Also An. Dep. nac. hig., B. Air., 1927, 33: 237-

9. — Neumann, H. Die Kultur der Gonokokken; Methodik: A-, C- und D-Platte; Biologie; Einteilung der Gonokokken nach ihrem Wachstumsvermögen in atmosphärischer Luft, bei reduzierter Sauerstoffsättigung und in CO₂-haltiger Atmosphäre in A-, C- und D-Stämme; Beeinflussung des Wachstums durch den atmosphärischen Luftdruck. Arch. Derm. Syph., Berl., 1935-36, 173: 393-433. — Die kulturelle Diagnose der Gonorrhoe unter Berücksichtigung der A-, C- und D-Gonokokkenstämme. Derm. Zschr., 1937, 75: 125-38. — Segawa, N. Ueber die immunisatorische Einteilung der Gonokokken. Zbl. Bakt., 1. Abt., 1932, 124: 264. — Stern, M. Versuch einer serologischen Differenzierung von Gonokokken und Nicht-gonokokken. Arch. Derm. Syph., Berl., 1931, 163: 601-9.

— Toxin and antitoxin.

See also **Gonococcus, Antigens; Gonorrhea, Immunization.**

Abdoosh, Y. B. Natural and immune bactericidins for the gonococcus. J. Hyg., Camb., 1936, 36: 355-62. — Casper, W. Ueber das Aggressin der Gonokokken. Arch. Derm. Syph., Berl., 1932-33, 167: 141-53. — Ferry, N. S. Biological medicament. U. S. Patent Off., 1935, No. 1,990,982. — Gonococcal toxin. Tr. Am. Neisser. M. Soc., 1939, 5: 16-9. — Kisel, J. Ueber den Einfluss von Antikörpern gegen Gonokokken auf das Wachstum von Gonokokkenkolonien. Derm. Wschr., 1939, 109: 1023-7. — Miller, C. P., jr., & Boor, A. K. The immunological characteristics of some substances obtained from the gonococcus. Tr. Ass. Am. Physicians, 1931, 46: 223-6. — Oez, T. Y. Gonokokkentoxin und -antitoxin. Zbl. Bakt., 1. Abt., 1938-39, 143: 205-7. — Schönfeld, W. Ueber den Nachweis von Antikörpern beim Tripper im Zervixschleim und Vorsteherdrüsensekret. Derm. Wschr., 1934, 99: 1101-5. — Stern, M. Versuche über die Mäuse-Toxizität von Gonokokkenkulturen aus verschiedenen Gonorrhöefällen. Arch. Derm. Syph., Berl., 1932, 166: 113-6. — Wolfenstein, W., & Pieper, E. Spezifische Gonorrhöebehandlung mit löslichem Gonotoxin. Klin. Wschr., 1931, 10: 354-6. — Yato, M. Refining toxin of the absorption method of Al(OH)₃ on the toxin of gonococcus. J. Orient. M., Dairen, 1934, 21: 8.

— Variation.

See also **Gonococcus, Strains.**

Asch, P. Die Diagnose der Gonorrhoe und die atypischen Gonokokken. Schweiz. med. Wschr., 1938, 68: 934-7. — Barrellion, P. Gonocoeque et polymorphisme microbien. Bull. Soc. fr. urol., 1935, 205-10. Also J. méd. Paris, 1935, 55: 566; 571. — Casper, W. A. Degeneration and variation of gonococci. J. Bact., Balt., 1938, 36: 111-31. — Dietel, F. Degenerationsformen der Gonokokken. Derm. Zschr., 1927, 50: 336-41. — Fiorio, C. Variabilità della Neisseria gonorrhoeae. Gior. batt. imm., 1933, 11: 1238; 1934, 12: 833. — Gins, H. A. Bemerkungen zu der Schrift: Beobachtung der Gonokokken-Cyklogenese von M. von Niessen Opus 330, im Selbstverlag, Dresden 1934. Deut. med. Wschr., 1934, 60: 1685. — Göhring, G. Zur Frage der Degenerationsformen der Gonokokken. Arch. Hyg., Münch., 1935, 114: 313. — Herrold, R. D. Altered environmental gonococcal forms and the probable mechanism of cure in gonorrhea. Am. J. Syph., 1936, 20: 614-22. — Kashkin, P. N. [Data on the variability of the gonococcus] Urologia, Moskva, 1939, 16: 69-79. — Lawryniewicz, A. Sulla involuzione e variabilità del gonococco. Rinasc. med., 1939, 16: 79, pl. — Lévine, E. M., & Fink, M. Des formes involutives du gonococque. Ann. mal. vénér., 1933, 28: 890-901. — Milochkevitch, S. Sur les transformations du gonococque in vivo. C. rend. Soc. biol., 1929, 100: 70-2. — Palazzoli, & Shorab, H. Contribution à l'étude des variations morphologiques du gonococque. Bull. Soc. fr. urol., 1937, 285-97. Also J. urol. méd., Par., 1938, 45: 250-61. — Ramsine, S., & Milochkevitch, S. Formes évolutives du gonococque. C. rend. Soc. biol., 1928, 99: 1261-3. — Ruys, A. C. Variabilität der Gonokokken und Diagnosestellung der Vulvovaginitis gonorrhoeica infantum. Zbl. Bakt., 1. Abt., 1932-33, 127: 280-9. — Semmlow, L. Ricerche sistematiche sulla variabilità del gonococco nel decorso delle sue più comuni localizzazioni. Dermosiflografo, 1938, 13: 691-722. — Szilvási, J. Neuere Feststellungen über die verschiedenen Gonokokkenformen. Derm. Wschr., 1932, 95: 1228-33. — Varga, F. [Mutation of gonococci] Orv. hetil., 1936, 80: 87.

— Viability.

See also **Gonorrhea, Pharmacology; Gonorrhea, Treatment.**

LEHMKUHL, A. *Versuche zur Prüfung gonokokkenabtörender Mittel in eiweißhaltiger Umgebung [Münster] 23p. 8° Quakenbrück, 1934. — ZACCARIA, A. *Ueber physikalische und chemische Einwirkung auf den Erreger der Gonorrhoe mit besonderer Berücksichtigung der Gasbehandlung. 31p. 8° Münch., 1927.

Barbour, G. M., & Carpenter, C. M. Effect of sulfanilamide and related compounds on the gonococcus and its toxin. Tr. Am. Neisser. M. Soc., 1939, 5: 114-7. — Carpenter, C. M., & Boak, R. A. The thermal death time of the gonococcus at fever temperatures. Fever Ther., N. Y., 1937, 161. — &

Warren, S. L. The thermal death time of the gonococcus at fever temperatures. *Am. J. Syph.*, 1938, 22: 279-85.—Ch'in, T. L. Influence of color filters on photodynamic action of fluorescent dyes on Gonococcus. *Proc. Soc. Exp. Biol., N. Y.*, 1938, 38: 697-700.—Cohn, A. The effect of sulfanilamide and its derivatives, sulfanilyl-sulfanilamide, the soluble sodium salt of this compound and sulfapyridine, on the gonococcus and gonococcal infections. *J. Bact., Balt.*, 1940, 39: 14.
 Gonokokken im Tierorganismus. *Derm. Zschr.*, 1928, 52: 95-9.—Dembskaia, V. E., & Semenov, P. P. [Effect of streptocoid on the virulence of the gonococcus] *Urologia, Moskva*, 1939, 16: No. 3, 59-61.—Felke, Das Schicksal phagozytierter Gonokokken. *Derm. Wschr.*, 1932, 94: 617-9.—Gazzolo, J. J. Sobre la resistencia del gonococo en las siembras. *Rev. espec., B. Air.*, 1929, 4: 1363-5.—Goldberg, S. N., Nikolaevskaya, M. A., & Schvirind, S. L. [Effect of high temperature on the biological properties of the gonococcus] *Sovet. vrach. gaz.*, 1934, 38: 1338-42.—Hauptmann, W., & Philadelphy, A. Zur Schädigung des Gonokokkus durch Kälte; kulturelle Untersuchungen an gonokokkenhaltigen Sekreten zur Feststellung der Versandfähigkeit. *Zbl. Bakt., 1. Abt.*, 1929-30, 115: 186-95.—Herrold, R. D., & Palmer, E. The influence of sulfanilamide on gonococci and gonococcal infections. *Am. J. Syph.*, 1938, 22: 705-11.—Jusatz, H. J. Zur Prüfung gonokokkenabtötender Mittel in eiweißhaltiger Umgebung. *Arch. Hyg., Münch.*, 1934, 112: 181-7.—Kefer, C. S., & Rantz, L. A. Sulfanilamide; a study of its effect on the bactericidal power of whole blood for the gonococcus. *Am. J. Syph.*, 1938, 22: 679-90.—Le Soudier & Verge, J. La vitalité du gonocoque. *Rev. path. comp., Par.*, 1925, 25: 532-5.—Lindner, Phagozytose von Gonokokken durch Epithelzellen der Bindehaut. *Wien. klin. Wschr.*, 1926, 39: 1124.—Also Wien. med. Wschr., 1926, 76: 1049.—Lionetti, G. E possibile conservare il gonococco allo stato di vita latente col metodo del disseccamento? *Gazz. internaz. med. chir.*, 1937, 47: 223.—Maino, M. Azione litica di alcuni sali biliari sul gonococco. *Boll. Soc. ital. biol. sper.*, 1933, 8: 1289-91.—Miller, C. P., jr., & Castles, R. The effect of sodium ricinoleate on the gonococcus. *J. Bact., Balt.*, 1931, 22: 339-48.—& Hastings, A. B. The influence of inorganic salts on the multiplication of gonococcus. *Ibid.*, 1932, 24: 439-55.—Nitta, Y. Ueber die Wirkung einiger ätherischer Öle auf Gonokokken im Reagensglase und im Peritoneum der weissen Maus. *Derm. Zschr.*, 1930, 59: 12-6.—Die Wirkung von Farbstoffen auf Gonokokken in vitro und in vivo. *Zschr. Hyg.*, 1930, 111: 68-78.—Pieper, E., & Retzlaff, E. Lebensdauer und Formerhaltung der Gonokokken in Flüssigkeiten. *Zbl. Bakt., 1. Abt.*, 1930, 118: 47-50.—Price, I. N. O. Some observations on the action of certain sodium bile salts on the gonococcus. *Brit. J. Vener. Dis.*, 1933, 9: 50-4.—Putte, P. J. van [The resistance of gonococci in vitro to temperatures of 50° C., 45° C. and about 41.5° C.] *Ned. tschr. geneesk.*, 1939, 83: 5934-8.—Schofield, F. S. The effects of temperature on the viability of the gonococcus. *J. Urol., Balt.*, 1927, 17: 581-91.—Secchi, E. Sulla resistenza in vitro del gonococco e dei comuni germi dell'uretra allo stato normale di fronte ai preparati acridinici (tripaflavina) *Gior. ital. derm. sif.*, 1930, 71: 1708-32.—Sulla resistenza in vitro del gonococco isolato dall'individuo trattato con iniezioni di urotropina; ricerche sperimentali. *Ibid.*, 1931, 72: 735-47.—Spink, W. W., & Kefer, C. S. Studies of gonococcal infection; a study of the mode of destruction of the gonococcus in vitro. *J. Clin. Invest.*, 1937, 16: 169-76.—Sillvassi, J. Die morphologischen und biologischen Veränderungen der Gonokokken im Sekrete der Gonorrhoeiker. *Wien. med. Wschr.*, 1934, 84: 682-7.—Weimann, W. Ueber eine seltene Form der gonorrhoeischen Infektion (ein Beitrag zur Frage der Lebensfähigkeit der Gonococci) *Zschr. Med-beamte*, 1925, 38: 877.—Wengatz, H. F., Boak, R. A., & Carpenter, C. M. The bactericidal effect of sulfanilamide on the gonococcus in vitro. *J. Bact., Balt.*, 1938, 35: 36.—Westpahl, L., Charles, R. L., & Carpenter, C. M. The development of sulfapyridine-fast strains of the gonococcus. *Ibid.*, 1940, 39: 47.—Also *Vener. Dis. Inform.*, 1940, 21: 183-6.—Wirkberg, R. Bakterizidversuche mit Gonokokken. *Acta derm. vener.*, Stockholm, 1939, 20: 607-12.—Wittenberg, J., Lederer, M., & Mollov, M. Studies in phagocytosis; effect of endotoxin on phagocytosis of gonococci. *J. Immun., Balt.*, 1933, 24: 135-40.—Wolff, F. Zur Biologie des Gonokokkus und zur Spezifität des Gonovitans. *Deut. med. Wschr.*, 1929, 55: 747.—Yoshii, T. Eksperimenta aldono al la eco de influo de diversaj bakteriespecoj sur la febrigon pro influenzaj baciloj, pertusaj baciloj kaj gonokokoj. *Tokyo igakkwai zassi*, 1939, 53: 365.

GONOCYTE.

See Gametocyte.

GONOFILAVIN.

See Acridine dyes.

GONOPHORE.

Teissier, G. Sur le développement et la valeur morphologique du gonophore de *Dynamena pumila* L. *Bull. Soc. zool. France*, 1922, 47: 259-63.—Notes critiques sur la morphologie des gonophores chez les Hydres. *Arch. zool. exp., Par.*, 1926, 65: Notes et Rev., 75-86.

GONOREACTION [Complement fixation]

See also Gonococcus, Serology; Gonorrhea, Diagnosis, serological; Gonorrhea, Immunology.

BETZNER, J. *Die Komplementbindungsreaktion bei gonorrhoeischen Erkrankungen [Münster] 17p. 8° Lippstadt [1931]

RÈME, B. La séroréaction blennorragique. 179p. 8° Par., 1934.

SCHMERLING, W. *Ueber die Komplementbindungsreaktion bei Gonorrhoe [Berlin] 18p. 8° Jena, 1932.

SCHULZE, H. H. *Ein Beitrag zur Serologie der Gonorrhoe. 22p. 8° Rost., 1933.

ZELLWEGER, H. *Ueber die Komplementbindungsreaktion bei Gonorrhoe [Zürich] 36p. 24½cm. Tor., 1936.

Also *Gior. batt. immun.*, 1936, 17: 753-87.

Assis, A. de. Contribuição ao soro-diagnóstico das gonococcias. *Arch. Inst. Vital Brasil*, 1926-27, 4: 3-71.—Babics, A., & Vargha, F. [A gonoreaction] *Orv. hetil.*, 1935, 79: 66-8.—Balbi, E., & Balduzzo, G. Deviazione del complemento nella blenorragia. *Gior. ital. derm. sif.*, 1927, 68: 573.—Bischoff, A. Ueber die Komplementbindungsreaktion bei Gonorrhoe. *Derm. Wschr.*, 1931, 93: 1997-2007.—Blix, A. S. The complement-fixation reaction in gonorrhea. *Acta med. scand.*, 1932, 79: suppl. 50, 332-5.—Bruck, C. Serodiagnose der Gonorrhoe. In *Handb. Haut Geschlkr. (A. & G. Alexander)* Berl., 1934, 20: pt 1, 172-93.—Bucichio, A. La deviazione del complemento nella blenorragia. *Gior. ital. derm. sif.*, 1927, 68: 553 7.—Cohn, A. Die Serodiagnose der Gonorrhoe. *Derm. Zschr.*, 1928-29, 55: 115-24. Also *Deut. med. Wschr.*, 1926, 52: 1717.—The gonococcus complement fixation test. *J. Lab. Clin. M.*, 1936-37, 22: 627-37.—Complement-fixation test for gonorrhoea. *Lancet, Lond.*, 1938, 1: 563.—Crampon, P., & Lafrance, L. La gono-réaction. *J. urol. méd., Par.*, 1936, 41: 431-6.—Di Gioia, A. M. Gonococcus complement fixation test. *J. Lab. Clin. M.*, 1940-41, 26: 391-3.—Dombray, P. La fixation de l'alexine dans les affections à gonocoque. *C. rend. Soc. biol.*, 1926, 95: 12. Also *Progr. méd., Par.*, 1926, 41: 1445.—Farati, M. La gonodeviation in ostetricia e ginecologia. *Riv. ital. gin.*, 1935-36, 18: 65-104.—Finucci, V. Diagnosi sierologica dell'infezione blenorragica. *Gior. batt. immun.*, 1931, 7: 471-6.—Fiorio, C. Ricerche sulla gonoreazione. *Ibid.*, 1934, 12: 289-307.

La ricerca dell'antigono gonococcico in materiali umani con la reazione di deviazione del complemento. *Ibid.*, 1938, 21: 177 97.—Gheorghiu, I. Reaction de fixation dans les gonococcies. *C. rend. Soc. biol.*, 1926, 95: 1577.—Guardali, G. Considerazioni sulla deviazione del complemento nella blenorragia. *Gior. ital. derm. sif.*, 1936, 77: suppl. 89.—Heiner, L. [Complement fixation in gonorrhea] *Orv. hetil.*, 1926, 70: 666-70.—[Complement deviation test in gonorrhea] *Ibid.*, 1934, 78: mell., 129.—Hirshland, H., & Hirshland, H. C. The complement fixation test in gonorrhea infection. *Pennsylvania M. J.*, 1935-36, 39: 416-21.—Hombourger, Sur la gono-réaction. Prophyl. antivénér., *Par.*, 1938, 10: 493.—Iosif, G. [Serodiagnosis in gonorrhea] *Cluj. med.*, 1936, 17: 84-9.—Izquierdo Laguna, S. El serodiagnóstico de la gonococia. *Med. iber.*, 1932, 26: pt 2, 73; 114; 145; 177.—Jarkovskaya, A. S. Sur la réaction de Bordet-Gengou en gynecologie. *Gyn. obst., Par.*, 1934, 29: 542 8.—Jausion, H., Meersseman, F., & Pecker, A. La gono-réaction chez les blennorragiens. *Paris méd.*, 1927, 63: 531-6.—Kristensen, M. Die Komplementbindungsreaktion bei Gonorrhoe. *Acta path. microb. scand.*, 1930, 7: 87-106.—Kristiansen, A. Die Komplementbindungsreaktion bei Gonorrhoe. *Arch. Derm. Syph., Berl.*, 1931, 164: 239; 472.—& Kristensen, M. Die Komplementbindungsreaktion bei Gonorrhoe. *Forh. Nord. dem. foren.*, 1929, 7: 165-74.—Kurochikina, N. A., & Korneev, V. V. [Use of Bordet-Gengou's fixation of the complement reaction in gonorrhea] *Vener. derm., Moskva*, 1928, 5: 1414-21.—Kutka, V. [Seroreaction in gonorrhea] *Cesk. derm.*, 1932, 13: 12-20.—Kwiatkowski, S. L., & Legeżyński, S. Die Komplementbindungsreaktion bei Gonorrhoe. *Arch. Derm. Syph., Berl.*, 1929, 157: 527-48.—Meersseman, F., Zeude, V., & Masson, H. La réaction de fixation dans les infections gonococciques (gono-réaction) *J. méd. Lyon*, 1934, 15: 641-52.—Müller, F. [Complement fixation test in gonorrhea] *Budapesti orv. ujs.*, 1934, 32: 170-4.—Nevier, A. I., Ryss, V. A., & Ershov, S. A. [Gonorrhea and Bordet-Gengou reaction] *Vener. derm., Moskva*, 1930, 7: 50-4.—Obitel, J. [Tests with gono-reaction] *Cesk. derm.*, 1931, 12: 317-21.—Packalen, T. [Gonorrhea reactions] *Fin. läk. säll. hand.*, 1935, 77: 499-506.—Ponzi, E. La fixation du complément pour le diagnostic des affections gonococciques. *Boll. Sez. ital. Soc. internaz. microb.*, 1933, 5: 332-4.—Price, I. N. O. The gonococcal complement-fixation test. *Brit. M. J.*, 1931, 1: 578-80.—The clinical application of the complement fixation test for gonorrhoea. *Brit. J. Vener. Dis.*, 1934, 10: 249-67.—Rice, C. E. The complement-fixation test with gonococcal antigens. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 64-71. Also repr.—Rosner, J. [Serodiagnosis of gonorrhea] *Przegl. derm., Warsz.*, 1937, 32: 28-49.—Rubinstein, M. Séro-

diagnostic des affections à gonocoques (réaction de fixation) Bull. Soc. fr. derm. syph., 1925, 32: 407-12. Also Clinique, Par., 1926, 21: 324. Also Sem. hôp. Paris, 1927, 3: 581-4. — **Säuerlin, H.** Ein Beitrag zur Komplementbindungsreaktion bei der Gonorrhoe. Deut. med. Wschr., 1934, 60: 285-7. — **Sonea, O., & Vintici, V.** [Complement fixation in gonorrhoeal diseases] Rev. st. med., Bucur., 1926, 15: 766-71. — La deviazione del complemento nelle affezioni gonococciche. Gior. ital. derm. sif., 1927, 68: 557-69. Also Pensiero med., 1927, 16: 454-63. — La deviazione del complemento nella blenorragia. Gior. ital. derm. sif., 1926, 67: 408-11. Also Riforma med., 1935, 51: 667-79. — **Ström, A.** [Complement fixation reaction in gonorrhoea] Norsk. mag. laegevid., 1935, 96: 225-45. — **Szép, J.** [Complement test for gonorrhoea] Magy. orv. nagyét. jegyzőköv., 1931, 217. — **Szodoray, L., Kovács, Z., & Egervári, T.** [Complement fixation test for gonorrhoea] Orv. hetil., 1934, 78: 54-7. — **Thjøtta, T., & Waaler, E.** [Complement fixation test in gonorrhoea and its complications] Norsk. mag. laegevid., 1933, 94: 286-300. — **Volavsek, W., & Hrad, O.** Zur Serodiagnostik der Gonorrhoe. Arch. Derm. Syph., Berl., 1938-39, 178: 406-13. — **Wezel, H.** Ueber Untersuchungen mit der Komplementbindungsreaktion bei Gonorrhoe. Zschr. Immunforsch., 1938, 92: 496-509.

Antigens [and antibodies]

See also *Gonococcus*, Antigens.

Brühl, N. *Die Komplementbindungsreaktion bei Gonorrhoe mit besonderer Berücksichtigung der Extrakte. 27p. 8°. Marb., 1932.

RUEMLER, A. [A.] *Beitrag zur Serodiagnose der Gonorrhoe mittels Campliggen. 18p. 8°. Kiel, 1934.

SARTORIUS, M. *Ein Beitrag zur Komplementbindungsreaktion für Gonorrhoe mit Campliggen und Labopharma-Antigen. 27p. 8°. Erlangen, 1937.

Barbellion, P., & Girard, L. La gonoréaction pratiquée avec l'antigène de Debains. Bull. Soc. fr. urol., 1937, 297-9. — **Cozzutti, G.** La gonosieroreazione col campliggen. Gazz. osp., 1934, 55: 35-40. — **Haxthausen, H.** On gonococcal substances in the serum. Acta derm. vener., Stockh., 1936, 17: 417-24. — **Hollander, A.** A comparative study of the McNeil and Witebsky antigens used in the serodiagnosis of gonorrhoea. Am. J. Syph., 1937, 21: 140-7. — **Jacobsohn, I., & Schwarz, J.** Ein neues Antigen für die Komplementablenkung bei Gonorrhoe. Wien. klin. Wschr., 1932, 45: 306. — **Jausion, H., Meersseman, F., & Pecker, A.** Sur l'utilisation d'un antigène alcool-potassique dans la gonoréaction de Rubenstein et Gauran. C. rend. Soc. biol., 1927, 96: 1128-30. — **Kasakov, A., & Chugueva, S.** Anwendung der lipoiden Antigene in der Serodiagnostik der Gonorrhoe. Derm. Zschr., 1932, 64: 162-7. — **Lin Fei-Ching.** The sensitivity of different antigens in complement fixation test for gonococcus infections. Tr. Far East. Ass. Trop. M., 1934, 9. Congr., 1: 207-12.

Further observations on complement fixation test with gonococcus nucleoprotein. Chin. M. J., 1936, suppl. 1, 288-92. — **Reitzlaff, E.** Die Komplementbindungsreaktion bei Gonorrhoe mit Campliggen. Klin. Wschr., 1932, 11: 2078. — **Thjøtta, T., & Waaler, E.** [Production and storing of bacterial antigens, especially the gonococcus antigen for the use in the complement fixation test in gonococcal infections] Norsk. mag. laegevid., 1932, 93: 275-9. — **Torrey, J. C.** A comparative study of antigens for the gonococcal complement fixation test. J. Immun., Balt., 1940, 38: 413-30. — **Trautmann, R., Roubé, L., & Principe, L.** Deuxième note sur une gonoréaction à la gonacrine. Arch. Inst. prophyl., Par., 1937, 9: 307. — **Wezel, H.** Ueber die Komplementbindungsreaktion bei der Gonorrhoe mit einem selbsthergestellten Antigen. Derm. Wschr., 1939, 109: 1145-8.

Antigens—in various body fluids.

Gadrat, J. Sur la séro-réaction blennorrhagique dans le liquide céphalo-rachidien. Bull. Soc. fr. derm. syph., 1933, 40: 466; 1431. Also Ann. derm. syph., Par., 1934, 7. ser., 5: 576-96. — **Jausion, H.** Sur la séro-réaction blennorrhagique dans le liquide céphalo-rachidien. Bull. Soc. fr. derm. syph., 1933, 40: 1653-5. — **Kling, D. H., & Pinkus, J.** The gonococcus complement-fixation test in synovial fluid. J. Lab. Clin. M., 1931, 17: 39-43. — **Leites, L. R., & Israelson, M. M.** Ueber die Gonokokkenantigen-Bestimmung im Harn. Zschr. Urol., 1931, 25: 245-50. — **Lissovskaya, S. N.** [Gonorrhoea: research work on determination of the gonococcal antigen in the urine] Vener. derm., Moskva, 1928, 5: 1403-14. Also J. urol. méd., Par., 1928, 25: 232-42. — **Lominago, A. F.** [Determination of gonococcal antigen in the sperm] Urologia, Moskva, 1937, 14: 49-56. — **Myers, W. K., & Keefer, C. S.** The gonococcal complement fixation test in the blood and synovial fluid of patients with arthritis. N. England J. M., 1934, 211: 101-3. — **Obtrel, J.** [Gonoreaction in blood plasma] Cesk. derm., 1934, 15: 75-9. — **Olin, T. E.** Ueber den Komplementgehalt des Serums bei weiblicher Gonorrhoe. Acta derm. vener., Stockh., 1938, 19: 32-7. — **Ovchinnikov, M., & Séméniaiko, E. M.** Contribution à l'étude de la réaction de la présence de l'antigène gonococcique dans l'urine. Ann. mal. vénér., 1930, 25:

577-86. — **Schapiro, A.** Zur Methodik der Bestimmung des Gonokokkenantigens im Harn und in den Ausscheidungen der Harn- und Geschlechtsorgane. Zschr. Immunforsch., 1930, 68: 1-6. — **Schwarz, J.** Ueber Antikörpernachweis im Cervixsekret. Zbl. Gyn., 1933, 57: 1205-9. — **Sienkiewicz, E. M.** Zur diagnostischen Bedeutung der Bestimmung des Gonokokkenantigens im Harn und in den Exkreten. Zschr. Urol., 1930, 24: 647-58.

Effect of various factors.

John, F. Bedeutung der Gonokokken-Komplement-Bindungsreaktion bei Frauen mit häufig wechselndem Geschlechtsverkehr. Derm. Zschr., 1933, 67: 156-60. — **Packalén, T.** Hat eine positive Wassermannreaktion Einfluss auf die Komplementbindungsreaktion bei Gonorrhoe? Acta Soc. med. Duodecim, 1931-32, ser. A, 15: No. 18, 1-8. — [Blood groups and gonoreaction] Fin. läk. säll. hand., 1936, 79: 808-15. — **Schwarz, J.** Unterschiede im Ausfall der Serodiagnose auf Gonorrhoe je nach dem Orte der Blutentnahme. Zbl. Gyn., 1931, 55: 592-5. — **Thomson, A. E., Hamann, A. C., & Park, W. H.** The gonococcus complement fixation test; the causes and solution of the irregularities. J. Immun., Balt., 1935, 29: 249-54. — **Tornabuoni, G.** Vaccinazione e deviazione del complemento nelle affezioni gonococciche. Gior. ital. derm. sif., 1927, 68: 593-605.

Mechanism.

Baj, L. Indagini cliniche ed immunologiche sulla gonoreazione. Atti Congr. naz. microb., Milano, 1931, 3. Congr., 408. Also Boll. Sez. ital. Soc. internaz. microb., 1931, 3: 458. — **Brünauer, S. R., Müller, R., & Oppenheim, M.** Zur Frage der Komplementbindungsreaktion bei Gonorrhoe. Arch. Derm. Syph., Berl., 1926, 151: 463-8. — **Caruso, G., & Mannino, A.** Etudes sur la gonoréaction. Boll. Sez. ital. Soc. internaz. microb., 1937, 9: 213-26. — **Dembskaia, V. E., & Peibo, M. B.** [Bordet-Gengou reaction in gonorrhoea from the view-point of allergy] Urologia, Moskva, 1939, 16: No. 2, 85-8. — **Fiorio, C.** Ricerche sulla gonoreazione. Gior. batt. immun., 1933, 11: 793-815. — **Iaskolko, S.** La réaction de fixation du complément dans la blennorrhagie chez l'homme; sa nature et sa technique. J. urol. méd., Par., 1926, 22: 177-88. — **Khatavner, A. I.** [Serum of gonorrhoeal patients as antibody in the reaction for gonococcal antigen] Urologia, Moskva, 1939, 16: No. 3, 44-6. — **Mannino, A., & Caruso, G.** Studi sulla gonoreazione. Atti Congr. naz. microb., 1937, 6. Congr., 503-16. — **Muroo, S.** Ueber die Agglutination und Komplementbindungsreaktion der Gonokokken und die Serodiagnostik der Gonorrhoe. Mitt. Med. Akad. Kioto, 1935, 13: 549; 14: 667. — **Neuberg, H.** Ein Beitrag zu der Lehre von der Komplementbindungsreaktion bei Gonorrhoe. Derm. Zschr., 1930, 59: 297-302.

Methods.

LONDON, COUNTY COUNCIL. PUBLIC HEALTH DEPARTMENT. The complement fixation test for gonorrhoea; a new technique and its clinical application by I. N. Orpwood Price. 30p. 8°. [Lond., 1933]

Balbi, E. Ricerche intorno ad alcuni metodi recenti per l'esecuzione della gonodeviazione. Gior. batt. immun., 1939, 22: 131-43. — **Bilbao, R.** La reacción de fijación del complemento con antígeno gonocócico (técnica y contribución a su estudio) Ars medica, Barcel., 1930, 6: 133-6. — **Brandt, R.** Ricinusöl als Verstärkungsmittel serologischer Reaktionen, besonders der Komplementbindung bei Gonorrhoe (Mor.). Klin. Wschr., 1935, 14: 1212. — **Crampon, P., & Lafrance, L.** La gonoréaction; technique au sérum frais. C. rend. Soc. biol., 1935, 118: 1533. — **Freudenthal, W., Fischer, M., & Stern, M.** Zur Komplementbindung bei Gonorrhoe; Bemerkungen über die Technik der Komplementbindung. Klin. Wschr., 1929, 8: 303-6. — **Gelman, G.** La gonoréaction et sa valeur clinique (technique de Rubinstein) Bull. Soc. fr. derm. syph., 1928, 35: 456-8. — **Gören, S.** [Gono-reaction in gonorrhoea; new technique with fresh serum] Askeri sihiye mecmuasi, 1938, 67: 44-50. — **Grafenberg, D.** Methode der Komplementfixation bei der weiblichen Gonorrhoe. Arch. Gyn., Berl., 1925, 125: 442-66. — **Hoeden, J. van der.** Bemerkungen über die Technik der Komplementbindung bei Gonorrhoe. Klin. Wschr., 1929, 8: 1028. — **Kollar, K.** [Clinical and serological value of the Bruck-Behrmann-Rosenberg gonoreaction] Bratisl. lek. listy, 1936, 16: 395-407. — **Koopman, J., & Falker, I. D.** A more sensitive complement fixation test for gonorrhoea. J. Lab. Clin. M., 1935-36, 21: 308-12. — **Krumeich, R.** Spezifische Sensibilisierung bei der Gonorrhoe-Komplement-Bindung. Derm. Zschr., 1935, 71: 189-96. — **Lewin, E. M.** Zur Technik der Komplementbindungsreaktion nach Bordet-Gengou bei der Gonorrhoe. Arch. Derm. Syph., Berl., 1931, 163: 177-80. — **Lombard, M., & Maubert, A. G.** Le séro-diagnostic des affections à gonocoque (emploi du complexe hémostatique antihumain) Bull. Soc. fr. derm. syph., 1934, 41: 1787-9. — **Lominago, A. F.** [Active method of serodiagnosis of gonorrhoea] Urologia, Moskva, 1939, 16: 80-8. — **Meersseman, F. A. B.** La gonoréaction; sa technique; sa valeur; son intérêt pratique. Arch. méd. pharm. mil., 1934, 101: 577-601. — **Menck, F.** Die Serodiagnose der Gonorrhoe mit Hilfe der Komplement-

bindungsmethode nach Schütz-Schubert. *Klin. Wschr.*, 1931, 10: 1359.—Nagy, J. [Clinical value of complement-fixation test sensitized with ricinus oil in gonorrheal patients] *Orv. hetil.*, 1940, 84: 179–81.—Pernet, J., & Schaaf, F. Eine verbesserte Methode zur Komplementbindungsreaktion bei Gonorrhoe (Müller-Oppenheim'sche Reaktion) *Arch. Derm. Syph.*, Berl., 1936, 174: 599–624.—Price, I. N. O. The gonococcal complement fixation test; improvement in technique. *J. Path. Bact.*, Edinb., 1930, 33: 493–5.—Schmiemann, R. Zur Methodik der Serodiagnostik der Gonorrhoe. *Klin. Wschr.*, 1936, 15: 1171.—Weiss, E., & Arnold, L. Complement fixation test for gonorrhea with increased antibody content. *Am. J. Syph.*, 1938, 22: 310–26.

— Methods, quantitative.

Blanchi, G. La gonoreazione quantitativa. *Gior. batt. immun.*, 1935, 15: 553–70.—Dörffel, J. Ueber den Wert serologischer Untersuchungsmethoden bei Gonorrhoe, insbesondere zur Feststellung der Heilung; Komplementbindungsreaktion mit Auswertung des Antikörper titers mittels fallenden Serumengen. *Arch. Derm. Syph.*, Berl., 1933, 169: 421–30.—Huhs, E. Die Bedeutung der auswerteten Komplementbindungsreaktion bei Gonorrhoe. *Derm. Wschr.*, 1934, 98: 781–3.—Zelischcheva, D. Vergleichende Schätzung der Antigene in der Reaktion Bordet-Gengou bei der Gonorrhoe. *Derm. Zschr.*, 1931, 61: 248–54.

— Relation to cure.

WALTER, F. K. *Weitere Beiträge zur Frage der serologischen Gonorrhoe-Diagnose, insbesondere ihrer Verwertbarkeit für Prognose und Therapie der gonorrhoeischen Erkrankung [Göttingen] 27p. 8°. Waldenb., 1934.

Benech, J., & Dombray, P. La prophylaxie sociale de la gonococcie à l'aide de la réaction de fixation de l'alexine (Méthode de Bordet-Gengou-Müller-Oppenheim) *Ann. mal. vénér.*, 1928, 23: 890–8.—Chiarotti, C. La gonodéviacion chez les femmes par rapport à la contagiosité. *Boll. Sez. ital. Soc. internaz. microb.*, 1937, 9: 108–12.—Gonodeviacione e contagiosità della donna. *Gior. batt. immun.*, 1938, 21: 419–30.—Dmitriev, A. I. [Serodiagnosis and immunotherapy of gonorrhea] *Vest. vener.*, 1937, 506–15.—Fessler, A. Zur Diagnose und Therapie der Vulvovaginitis gonorrhoeica infantum (Komplementablenkungsreaktion nach Müller-Oppenheim und Vakzintherapie) *Wien. klin. Wschr.*, 1932, 45: 1064–7.—Fröhlich, H., & Jordan, P. Persistierende Komplementbindung und Heilung der Gonorrhoe. *Arch. Derm. Syph.*, Berl., 1932, 165: 542–51.—Leven, L. Gonorrhoeheilung und Gonorrhoe-Wassermann. *Med. Welt*, 1930, 4: 635.—Meersseman, F., & Masson, H. Nouvelles recherches sur la gonoreaction envisagée comme test de guérison de l'infection gonococcique. *Lyon méd.*, 1934, 153: 266–9.—Milinska-Szwojnica, Z., & Raszkes, B. [Effect of duration of the deviation of the complement on the gonoreaction] *Med. dośw.*, 1937, 22: 72–82.—Rummo, R. Sulla persistenza di anticorpi gonococcici nei blenorragici clinicamente guariti. *Riforma med.*, 1938, 54: 1531–4.—Scholtz, W., & Doerffel, J. Der Wert der Komplement-Bindungsreaktion für die Diagnose der Gonorrhoe und zur Feststellung der Heilung. *Med. Welt*, 1930, 4: 1275–8.—Timofeev, P. La réaction de Bordet-Gengou et l'immunothérapie dans la blennorragie. *J. urol. méd., Par.*, 1926, 22: 189–211.

— Specificity.

PACKALÉN, T. *Studies on the gonoreaction; its specificity and its behaviour in prostitutes. 244p. 8°. Helsin., 1934.

Also *Acta Soc. med. Duodecim*, 1934–35, ser. A, 17: fasc. 1, No. 2, 1–250.

Birnbaum, G. Zur Frage der Spezifität der Komplementbindungsreaktion bei Tripper. *Derm. Wschr.*, 1935, 101: 1503–6.—Fraiman, S. A. [Specificity of Bordet-Gengou's reaction] *Akush. gin.*, 1937, No. 2, 90–3.—Heiner, L. [Specificity of complement fixation in gonorrhea] *Gyógyászat*, 1938, 78: 601–3.—Khatavner, A. I. [Specificity of gonococcal antigen reaction] *Urologia, Moskva*, 1936, 13: 179–85.—Oliver, J. O. The complement fixation test in relation to the gonococcus and allied organisms. *J. Hyg., Camb.*, 1929–30, 29: 259–72.—Orlova, R. S., & Rabinovich, B. S. [Specificity of reaction to gonococcal antigen] *Akush. gin.*, 1940, No. 5, 22.

— Value.

BOSCH, H. *Ueber den prognostischen Wert der Komplementbindungsreaktion bei Gonorrhoe. 37p. 8°. Königsb., 1934.

EHRRICH, C. *Komplementsbindungsversuche bei Gonorrhoe; unter Berücksichtigung der in den letzten Jahren gesammelten Erfahrungen an der Universitäts-Hautklinik zu Rostock. 30p. 8°. Rostock, 1933.

HAJDA, H. *Valeur et résultats pratiques de la gono-réaction. 48p. 8°. Genève, 1932.

JENTSCH, M. *Zur Serodiagnostik der Gonorrhoe und ihrer klinischen Bedeutung [Berlin] 31p. 23cm. Charlottenb., 1937.

LUPU, S. *La valeur de la gono-réaction et de la spermoculture dans les uréthrites chroniques. 47p. 8°. Par., 1936.

MERSCHMANN, W. *Der Wert der Komplementbindungsreaktion zum Nachweis der Gonorrhoe [Bonn] 23p. 8°. Hövel, 1934.

OLIVEIRA CASTRO, J. DE. *Sobre a gonofixação e seu valor diagnostico e prophylatico. 68p. 8°. S. Paulo, 1932.

OSTERMANN, W. [J. J.] *Die Bedeutung der Komplementbindungs-Reaktion für die Diagnose der weiblichen Gonorrhoe [Kiel] 20p. 8°. Berl., 1932.

REICKE [K.] H. *Ergebnisse der Komplementbindungsreaktion bei Gonorrhoe mit dem Gonokokken-Antigen Behring. 22p. 8°. Kiel, 1936.

SCHULZE [G. H.] K. *Erfahrungen über die Komplement-Bindungsreaktion bei der Gonorrhoe. 20p. 8°. [Tüb.] 1930.

SUMMENT, P. *Was leistet die Serodiagnose der Gonorrhoe für die Klinik? 33p. 8°. Giessen, 1930.

Albanese, A. La gonodeviacione in ostetricia e ginecologia. *Atti Accad. fisiocr.* Siena, 1930, 10, ser., 5: 186–97.—Baldi, E., Bruhns, C. [et al.] Zu welchen Folgerungen berechtigt der Ausfall der Komplementbindungsreaktion bei Gonorrhoe in bezug auf Erkennung, Verlauf und Heilung des gonorrhoeischen Krankheitsprozesses? *Derm. Wschr.*, 1932, 95: 984–92.—Barbellion, P., & Lebert, P. Valeur actuelle de la gonoreaction. *J. urol. méd., Par.*, 1933, 35: 97–107.—Barringer, E. D. The complement fixation test; a diagnostic aid in the control of gonorrhea. *N. York State J. M.*, 1938, 38: 699–704.—Béclère, C. Importance et valeur clinique de la gono-réaction. *Rev. fr. gyn. obst.*, 1938, 33: 650–3.—Binet, Canel & Dombray. La réaction de Müller-Oppenheim dans les affections gynécologiques. *Ibid.*, 649.—Boncinelli, U. Osservazioni sulla reazione di deviazione del complemento nella blenorragia. *Dermosifilograf.*, 1934, 9: 473–93.—Brühl, R. Der Wert der Komplementbindungsreaktion mit aktivem Serum bei der Diagnose der Gonorrhoe. *Zbl. Gyn.*, 1928, 52: 539–41.—Bruhns, C. Was ist von der modernen Gonorrhoe-Komplementbindungsreaktion in theoretischer und praktischer Beziehung zu halten? *Zschr. ärztl. Fortbild.*, 1933, 30: 438.—Brunet, W. M., & Levine, B. S. A survey of 1,000 gonococcus complement-fixation tests performed with the serums of male patients in an outpatient clinic. *Am. J. Clin. Path.*, 1933, 3: 429–37. Also *Am. J. Obst.*, 1934, 28: 501–10.—Budlovsky, G., & Sagher, F. Die klinische Verwertbarkeit der Komplementbindungsreaktion für Gonorrhoe. *Med. Klin., Berl.*, 1933, 29: 1716–8.—Buhmann [Gonorrheal abscess with negative complement fixation] *Dansk. dermat. selsk. forh.*, 1931–32, 64: 37.—Canoz, M. Valeur pratique de la gonoreaction; son interprétation. *Bull. méd., Par.*, 1933, 47: 8.—Chimentì, A. Valore biologico e clinico della gonoreazione in ostetricia ed in ginecologia. *Riv. ital. gin.*, 1937, 20: 201–13.—Chwalla, R. Ueber den praktischen Wert der Komplementbindungsreaktion in der Klinik der Gonorrhoe des Mannes. *Wien. klin. Wschr.*, 1933, 46: 169; 206.—Cohn, A. Der gegenwärtige Stand der Serodiagnose der Gonorrhoe. *Derm. Wschr.*, 1929, 89: 1370–5.—& Rosowsky, F. Zur Serodiagnose der Kindergonorrhoe. *Deut. med. Wschr.*, 1931, 57: 1540.—Colombo, F., & Roversi, A. S. La gonosieroreazione nella pratica clinica. *Riforma med.*, 1932, 48: 746–50.—Cuizza, T., & Florio, C. Sul valore diagnostico della gonodeviacione nelle flogosi genitali femminili. *Gior. batt. immun.*, 1938, 20: 1027–41.—Dubois-Poulsen, A., & Offret, G. La gono-réaction en ophtalmologie. *Bull. Soc. opht. Paris*, 1937, 157–63.—Engelhardt, W., & Summent, P. Unsere Erfahrungen mit der Komplementbindungsreaktion bei gonorrhoeischen Erkrankungen. *Arch. Derm. Syph.*, Berl., 1930, 162: 240–52.—Farati, M. La gonodeviacione in ostetricia e ginecologia. *Arch. ostet. gin.*, 1934, 2, ser., 21: 681–3.—Förster, R. Zur Serodiagnose der Gonorrhoe und ihrer Verwendbarkeit in der Praxis. *Münch. med. Wschr.*, 1930, 77: 1877–9.—Frankman, W. The significance of a complement fixation test in the diagnosis of gonorrhea. *N. England J. M.*, 1932, 206: 11.—Funk, C. F. Klinische Erfahrungen über die Serodiagnose der Gonorrhoe. *Derm. Zschr.*, 1928–29, 55: 125–30.—Garfunkel, A., & Storage, A. B. Valor diagnóstico de la gono-reacción en las afecciones gonococcicas. *Prensa méd. argent.*, 1935, 22: 1804–7.—Gelman, G. [Diagnostic value of complement fixation with gonococcal antigen] *Med. dośw.*, 1930, 12: 24–38.—Genner, V., Antons, K., & Boas, H. [Complement reaction in gonorrhea in men] *Hospitalstidende*, 1932, 75: 299–318. — [Complement fixation in gonorrheal

- diseases in children] Ibid., 597; 633.—Göhring, G. Die Bedeutung der Komplementbindungsreaktion für die Diagnose und Prognose der Gonorrhoe. Deut. med. Wschr., 1939, 65: 1467-9.—Golschmidt, K. L. Der Wert der Bordet-Gengou-Reaktion für die Gonorrhöediagnostik. Arch. Derm. Syph., Berl., 1930, 162: 1-8.—Gonococcus complement fixation tests discontinued. Q. Bull. N. York Dep. Health, 1938, 6: 33.—Green, F. Complement fixation in gonorrhoeal arthritis. Canad. M. Ass. J. 1933, 28: 289-92.—Heiner, L. [Complement fixation test in diagnosis and treatment of gonorrhea in women] Gyógyászat, 1935, 75: 99-101.—Hoder, F. Komplementbindungsversuche bei Gonorrhoe. Münch. med. Wschr., 1930, 77: 1093.—Holböll, S. A. Ueber die Gonokokken-Komplementbindungs-Reaktion bei medizinischen Gelenkleiden. Acta path. microb. scand., 1930, 7: 317-26.—Hotta, J. & Schwarz, J. Die Serodiagnose der Gonorrhoe des Weibes. Zbl. Gyn., 1928, 52: 1829-32.—Hull, T. G., & Hall, N. Reliability of the gonococcus fixation test. J. Lab. Clin. M. 1929-30, 15: 66-71.—Izwojnicka, L., & Zawodzinski, T. Réaction de la déviation du complément pour le diagnostic de la blennorrhagie chez la femme. Gyn. obst. Par., 1931, 23: 496-510.—Jacoby, A., Wisnograd, M., & Koopman, J. An evaluation of the complement fixation test for gonorrhea. Tr. Am. Neisser. M. Soc., 1937, 3: 10-20. Also Am. J. Syph., 1938, 22: 32-8.—Jaja, G. Contributo alla conoscenza del valore diagnostico della deviazione del complemento nella blenorragia. Gior. ital. derm. sif., 1927, 68: 579-93.—Jame, L., Jude, A., & Aujaleu, E. La gono-réaction; élément de diagnostic; test de grésion de la gonococcie. Paris méd., 1934, 490-4.—Jentsch, M., & Zündel, W. Zur Beurteilung der Sero-Reaktionen der Gonorrhoe. Münch. med. Wschr., 1938, 85: 584-6.—Jona, A. Sulla gonodeviazione; ricerche ed esperienze. Gior. batt. immun., 1934, 12: 963-74. — Gonodeviazione e gonococchi infantili. Pediat. med. prat., Tor., 1938, 13: 243.—John, F. Erfahrungen mit der Komplementbindungsreaktion bei Gonorrhoe. Derm. Zschr., 1934, 70: 19-30.—Karischewa, K. Der diagnostische Wert der Reaktion von Bordet bei der Gonorrhoe der Frauen und Kinder. Arch. Derm. Syph., Berl., 1930, 161: 82-5.—Klamartsk, A. [Complement fixation test for diagnosis of gonorrhea in women] Orv. hetil., 1936, 80: 1088-90.—Kristjansen, A. [Complement fixation in gonorrheal infection of infants] Hospitalstidende, 1930, 73: [Dansk derm. selsk. forh.] 8. — Die ersten 25 Jahre der Komplementbindungsreaktion bei Gonorrhoe. Zbl. Haut. Geschlkr., 1932, 41: 161-90.—Kunewälder, E. Die Serodiagnose der Gonorrhoe in ihren Beziehungen zur Klinik. Wien. klin. Wschr., 1928, 41: 55-8. — & Oppenheim, M. Komplikationen der männlichen Gonorrhoe und ihre serologische Diagnostik. Derm. Zschr., 1938, 78: 185-98.—Lamoot, J., & Lafrance, L. La valeur clinique de la gono-réaction. Liège méd., 1936, 29: 900-10.—László, G. [Complement fixation test of gonorrhea in ophthalmology] Orv. hetil., 1935, 79: 14.—Léri, A., Urban, A. [et al.] La gono-réaction; son application au diagnostic des rhumatismes subaigus et chroniques. Rev. internat. méd. chir., 1930, 41: 144-9.—Lombardo, S. Sul valore della deviazione del complemento nelle affezioni gonococciche. Rass. internaz. clin. ter., 1925, 6: 505-10.—Lwow, N. A. Ueber die diagnostische Bedeutung der Reaktion Bordet-Gengou in der Klinik der weiblichen Gonorrhoe. Mschr. Geburtsh. Gyn., 1929, 82: 305-11.—Marcel, J. E., & Laurent-Gérard. Impressions sur la gono-réaction. Rev. fr. gyn. obst., 1938, 33: 653-8.—Maurizio, E. Sul valore della gono-réazione in ginecologia. Monit. ostet. gin., 1930, 2: 81-131.—Minder, G. [Results of gonoreaction] Budapesti orv. ujs., 1938, 36: 49-53.—Mocquot, Demanche [et al.] Importance et signification de la gono-réaction dans les métrites, paramétrites et annexites subaiguës et chroniques. Bull. Soc. gyn. obst. Paris, 1938, 27: 198-201.—Morillo Uña, L. Importancia diagnóstica de la desviación de complemento en las enfermedades gonocóccicas. Progr. clín., Madr., 1930, 38: 768-86.—Osmond, T. E. The relationship of the gonococcal complement fixation test to the diagnosis and treatment of gonorrhoea. Brit. J. Vener. Dis., 1938, 14: 169-86. — & Oliver, J. O. The value of the complement fixation test in gonorrhoea; a study of 5,000 tests. Ibid., 1929, 5: 281-301.—Pechnikov, J. D., & Zelishcheva, A. D. Die Bedeutung der Bordet-Gengou-Reaktion in der Klinik der Gonorrhoe. Derm. Zschr., 1930, 59: 303-13.—Petersen, E. [Diagnostic value of gonococcal complement fixation reaction] Hospitalstidende, 1930, 73: 268-75.—Ponzi, E. La fissazione del complemento per la diagnosi sierologica della blenorragia femminile. Riv. ital. gin., 1934, 16: 689-720.—Price, I. N. O. The relationship of the gonococcal complement fixation test to the diagnosis and treatment of gonorrhoea. Brit. J. Vener. Dis., 1938, 14: 153-68.—Procházka, K. [Neue Beweise für die diagnostische Bedeutung der Gono-reaktion] Cesk. derm., 1932, 13: 197-203.—Rosenhaus, A. E., & Krivosova, I. I. [Diagnosis of latent gonorrhea in women by means of antigen reaction] Akush. gin., 1939, No. 1, 42.—Rubinstein. Valeur clinique de la gono-réaction. Clinique, Par., 1930, 25: 335.—Rüz, V. La reacción de Müller-Oppenheim in ginecologia. Dfa méd., B. Air., 1938, 10: 435-7.—Rullens, P. The Müller-Oppenheim reaction: its clinical and diagnostic importance. Urol. Cut. Rev., 1932, 36: 23-9.—Schaaf, F., & Burckhardt, W. Die praktische Bedeutung der Serodiagnose (Komplementablenkung) bei Gonorrhoe. Schweiz. med. Wschr., 1936, 66: 1011-4.—Schönfeld, W. Zur Serologie des Trippers und ihrer praktischen Brauchbarkeit. Med. Welt, 1930, 4: 1747-50.—Senkevich, E. M. [Diagnostic value of reactions in determination of gonococcal antigen in urine and excretions] Vener. derm., Moskva, 1930, 7: 53-9.—Siegert, F., & Schultze, K. W. Die Komplementbindungsreaktion bei der weiblichen Genital-gonorrhoe. Zschr. Geburtsh. Gyn., 1933, 105: 114-30.—Sommer, S. Zur Frage der Serodiagnose der weiblichen Gonorrhoe. Ibid., 106: 185-97.—Szwajnicka, Z., & Zawodzinski, T. [Deviation of the complement in women with gonorrhea] Med. dów., 1930, 12: 232-49.—Thorn, E. Die diagnostische Verwertbarkeit der Komplementablenkungsreaktion der Gonorrhoe (Müller-Oppenheim-Reaktion) Med. Klin., Berl., 1930, 26: 318.—Tréger, J. [Clinical value of seroreaction in gonorrhea] Bratisl. lek. listy, 1936, 16: 482-92.—Vermelin, Benech & Dombray. Réaction de Müller-Oppenheim en obstétrique et en gynécologie. Bull. Soc. gyn. obst. Paris, 1938, 27: 399-401.—Voinov, I. I. [Bordet-Gengou reaction in diagnosis of gonorrheal diseases] Kuban. nauch. med. J., 1928, 7: 328-33.—Vojta, M., & Stoizova-Sutorisova, M. [Diagnostic significance of gonoreaction by complement deviation in adnexitis] Cas. lek. česk., 1937, 76: 390-9.—Waldeyer, L. Zur Diagnostik der weiblichen Gonorrhoe, insbesondere über die Komplementbindungsreaktion. Deut. med. Wschr., 1935, 61: 301; 342.—Walter. Weitere Beiträge zur Frage der serologischen Gonorrhoe-diagnose, insbesondere ihrer Verwertbarkeit für Prognose und Therapie der gonorrhoeischen Erkrankung. Derm. Wschr., 1934, 99: 1428-37.—Wendberger, J., & Volavsek, W. Ueber vergleichende Komplementuntersuchungen bei gonorrhoeischen und rheumatischen Affektionen. Wien. klin. Wschr., 1934, 47: 967-70.—Wreszynski, E. Beitrag zur Frage der Verwertbarkeit der Komplementbindungsreaktion bei Gonorrhoe. Med. Klin., Berl., 1927, 23: 1653-5.—Zoon, J. J. The value of the complement-fixation test in gonococcal infections. Acta derm. vener., Stockh., 1928-29, 9: 318-34. — [Diagnostic value of complement fixation in gonorrheal conditions] Ned. tsehr. geneesk., 1928, 72: pt 2, 5893-900.
- Value, comparative.
- See also Gonorrhea, Diagnosis.
- KUNZE, A. *Blutkörperchensenkungsgeschwindigkeit und Komplementbindungsreaktion bei Gonorrhoe und den verschiedenen Komplikationen [Leipzig] 31p. 8°. Zeulenroda, 1932. Also Derm. Wschr., 1933, 96: 402-12.
- LUDWIG, E. *Ueber das Verhalten der Blutkörperchensenkungsgeschwindigkeit zur Komplementbindungsreaktion beim Tripper. 29p. 8°. Bresl., 1936.
- Bendixen, K. A comparison of the Meinicke clarification reaction and the Müller conglobation reaction for gonorrhoea with the complement fixation test for gonorrhoea. Acta derm. vener., Stockh., 1940, 21: 524-9.—Franek. Etude comparative de la réaction Wasserman et de la séro-réaction blennorrhagique. Ann. mal. vénér., 1934, 29: 830-8.—Krehnke. Ergebnisse der vergleichenden serologischen Untersuchungen bei Gonokokken-Komplementbindungsreaktionen. Zbl. Bakt., 1. Abt., 1939, 144: Beil., 263-6. [Discussion] 266.—Kuschelewsky, A. P. Der Wert der Konfrontation und der Bordet-Gengou'schen Methode für die Erkennung der latenten Gonorrhoeerkrankung der Frau. Mschr. Geburtsh. Gyn., 1935, 99: 73-81.—Marquardt, F. Ueber Komplementbindungs- und Flockungsreaktionen beim Tripper. Derm. Wschr., 1932, 95: 1797-801.—Schlesmann, C. Die serologische Diagnose der Gonorrhoe mittels der Komplementbindungsreaktion und der Immunoreaktion, speziell der Ausflockung im Zentrifugierverfahren mit Meinicke's Klärungsextrakt als Indikator. Ibid., 1933, 96: 791-9.—Schröpl, E. Vergleichende Untersuchungen über Komplementbindungs- und Flockungsreaktionen bei Gonorrhoe. Arch. Derm. Syph., Berl., 1934, 170: 162-72.—Soscia, E. Studio comparativo fra alcune sierodiagnosi della blenorragia (gonodeviazione del complemento col complogon, gonodeviazione del complemento con l'antigene di Witelsky, gono-Müller e gono-Meinicke-M. K. R. II) Dermosiflografo, 1936, 11: 132-42.—Sun Wei-ting. Vergleichende Studien über die Gono-Komplementbindungsreaktion nach Witelsky und Müller-Ballungsreaktion auf Go. Derm. Wschr., 1935, 100: 539-41.
- in pregnancy, and puerperium.
- PARIENTE, M. *Contribution à l'étude de la blennorrhagie dans ses rapports avec la gestation et la puerpéralité; étude de la réaction de fixation du complément. 161p. 8°. Par., 1929.
- Brandstrup, E. Gonorrhoea; complement fixation; puerperium. Acta obst. gyn. scand., 1932, 12: 125-49.—Fraymann, S. A., & Pirogowa, N. W. Die Komplementbindungsreaktion (Reaktion Bordet-Gengou) in den ersten Tagen des Wochenbettes. Arch. Gyn., Berl., 1936, 162: 403-6.—Kuschelewsky, A. P. [Diagnosis of gonorrhea in pregnancy, and Bordet-Gengou's reaction] Akush. gin., 1937, No. 5, 66-71.—Lévy-Solal, E., Paraf, J., & Pariente, M. La réaction de fixation gonococcique au cours de la gestation et de la puerpéralité. C. rend. Soc. biol., 1929, 102: 496.—Taveila, A. Sul valore della gono-réazione nel puerperio normale e patologico. Clin. ostet., 1940, 42: 149-56.

GONORRHEA [and gonococcosis]

See also **Gonococcus**; **Venereal diseases**; also names of genito-urinary organs as **Bladder**; **Cervix**; **Fallopian tube**, &c.

Barbellion, P. La blennorrhagie. Paris méd., 1935, 97: 192-6.—**Björling, E.** More about the gonorrhoea. Acta dermat. vener., Stockh., 1925, 6: 389-94.—**Bosellini, P. L.** Orientamenti pratici per la diagnosi, prognosi e cura della infezione blenorragica. Athena, Roma, 1938, 7: 195-8.—**Clarke, W.** What do you know about gonococcus infections? Pacific Coast J. Nurs., 1940, 36: 281.—**Hagman, A. N.** [Present prevalent outlook on pathology and therapy of gonorrhea] Klin. med., Moskva, 1927, 5: 12-8.—**Harrison, L. W.** Gonococcal infection. Tr. R. Med. Chir. Soc. Glasgow, 1927, 21: 51-8.—**Gonorrhea.** Glasgow M. J., 1927, 107: 201-8. Also In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 6: 1-36. Also Ibid., 1939, Surveys, 155.—**Jones, W. R.** Gonorrhea debunked. Urol. Cut. Rev., 1932, 36: 29-32.—**Joseph, M.** Kursus der venerologischen Technik; gonorrhoea. Deut. med. Wschr., 1922, 48: 529.—**Keller, D. H.** Gonorrhoeal errors. Sexology, 1933-34, 1: 769-71.—**Klose, B.** Die Stellung der Gonorrhöe in der Urologie. Zschr. Urol., 1932, 26: 45-7.—**McCormack, A. T.** Gonorrhea and gullibility. Bull. Dep. Health Kentucky, 1937-38, 10: 449.—**Mapes, C. G.** Commentaries on gonorrhoea. Illinois M. J., 1926, 50: 106-9.—**Melicow, M. M.** The new attitude toward gonorrhea. Med. Times, N. Y., 1936, 64: 180; 182. Also repr.—**Nelson, N. A.** Gonorrhea. Q. Bull. Milbank Mem. Fund, 1936, 14: 328-44, 9 tab.—**Niclot, V.** Blennorrhagie, blennorrhée. Presse méd., 1925, 33: 1581.—**Orsós, J. I.** [New data on etiology and therapy of gonorrhea] Orvosképzés, 1939, 29: 30-7.—**Pelouze, P. S.** Cardinal principles underlying gonococcal infection. J. Urol., Balt., 1937, 37: 840-9.—**Potter, M. C.** Venereal diseases; gonorrhea. Med. Woman J., 1930, 37: 187-90.—**Rubi, R. A.** Blennorrhagia. Dia méd., B. Air., 1939, 11: 577-80.—**Squires, C. B.** Discussion of several phases of gonorrhea. South. M. S., 1927, 89: 99-105.—**Telang, Y. A.** Gonorrhoea. Ind. M. Rec., 1930, 50: 237.—**Venegas, R.** [La gonorrhea no es una enfermedad vergonzosa! Congr. med. cir. nav. mil. Chile, 1929, 1. Congr., 408-11.

— Allergy [and anaphylaxis]

See also **Gonorrhea**, **Diagnosis**; **Gonorrhea**, **Immunology**.

Benoit, F. *L'allergie gonococcique. 102p. 8° Par., 1930.

Also Ann. méd., Par., 1930, 28: 174-98.

Bertoloty, R., & Herraiz, L. Paralelismo entre las variaciones de la sensibilidad cutánea, tasa de anticuerpos e inmunidad en el curso de la blenorragia. Med. ibera, 1936, 30: 634-41.—**Ciarocchi, L.** Sull'allergia cutanea nell'infezione gonococcica. Gior. ital. clin. trop., 1938, 2: 289-95.—**Cohn, A.** Experimenteller Beitrag zur lokalen Hautreaktivität mit Gonokokken-Kulturfiltraten. Klin. Wschr., 1931, 10: 453.—**Demonchy, A., & Benoit, F.** Recherches sur la cuti-réaction à la toxine gonococcique dans la blenorragie. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 1608-10.—**Engel, C., & Grundmann, H.** Lokale Immunisationserscheinungen bei der Gonorrhöe-Cutireaktion. Klin. Wschr., 1933, 12: 503.—**Fiorio, C., & Re, C.** L'allergia gonococcica; ricerche sperimentali. Gior. batt. immun., 1938, 21: 724-40.—**Germanov, N. I.** [Schwartzman's phenomenon and gonococcus] Vest. vener., 1939, No. 4, 43-6.—**Ichikawa, T.** Ueber die Analogie der Gono- und Meningokokken in bezug auf die Hautreaktion. Derm. Zschr., 1936, 74: 20.—**Jessner, S.** Die Allergie als Leitmotiv der Gonorrhoe-therapie. Med. Klin., Berl., 1925, 21: 1344-7.—**Kobak, A. J., & Greengard, J.** Skin reactivity of mothers and infants to gonococcus vaccines. Proc. Soc. Exp. Biol., N. Y., 1932, 30: 117-9.—**Lévine, E. M., Lévine, J. M.** [et al.] Sur l'allergie spécifique de la peau dans la gonorrhée. Ann. mal. vénér., 1934, 29: 658-64. — Observations ultérieures de l'allergie spécifique de la peau dans la gonorrhée. Ibid., 1935, 30: 503-10. — Sur l'allergie spécifique de la peau chez les femmes atteintes de gonorrhée. Ibid., 1936, 31: 167-72.—**Miller, C. P., & Casties, R.** Some observations on the specificity of bacterial allergy to certain of the Neisseriae. J. Exp. M., 1933, 58: 435-50.—**Montag, C.** Pathergometrische Untersuchungen an der Haut nach von Groer bei Gonorrhoe. Arch. Derm. Syph., Berl., 1937-38, 176: 455-66.—**Pinetti, P.** Ricerche sulla reattività cutanea dei blenorragici di fronte a derivati batterici specifici, polisaccaridi gonococcici. Gior. ital. derm. sif., 1937, 78: 1203-22.—**Rajka, E.** Ueber allergische Hautreaktionen bei der Gonorrhoe und ihre Beeinflussung durch Serum. Derm. Wschr., 1927, 85: 1138-45.—**Selkov, E. A.** [Schwartzman's phenomenon after gonovaccine and gono-emulsion injections] Urologia, Moskva, 1940, 17: No. 3, 50.

— Allergy: Skin tests.

See also **Gonorrhea**, **Immunization**; **Vaccines**.

Bruck, C. Hautreaktionen bei Gonorrhöe. p. 194-200. 8° Berl., 1934.

In Handb. Haut Geschlkr. (A & G. Alexander) Berl., 1934, 20: pt 1.

Feld Lejb, M. *L'intradermo-réaction de S. Mutermilch et A. Grimberg avec les polysaccharides gonococciques. 23p. 8° Par., 1936.

Also J. méd. Paris, 1936, 56: 207-11.

Heintze-Meyer, E. *Die Cutanreaktion bei der Gonorrhoe der Frau [Breslau] 23p. 22½cm. Liebau i. R., 1936.

Kirsch, H. *Hat die Intradermoreaktion auf Gonorrhoe eine diagnostische Bedeutung? 19p. 22cm. Köln, 1936.

Thomas, M. *Der diagnostische Wert der Intradermoreaktion auf Gonorrhoe [Berlin] 24p. 8° Charlottenb., 1936.

Wernsdörfer, R. *Ueber Hautreaktionen mit Compligon als diagnostisches Hilfsmittel bei der Gonorrhoe. 35p. 22½cm. Erlangen, 1936.

Alessandrini, A., & Matarese, V. Il valore della intradermoreazione nella infezione gonococcica. Policlinico, 1928, 35: Sez. prat., 1109-201.—**Barbellion, P., & Feld, L.** Intradermo-réaction de Mutermilch et Grimberg avec les polysaccharides gonococciques. Bull. Soc. méd. Paris, 1936, 267-72. Also C. rend. Soc. biol., 1936, 121: 1578.—**Casper, W.** Spezifische Cutireaktionen an Gonorrhöikern mit spezifischen, erweisfreien Substanzen aus Gonokokken. Klin. Wschr., 1930, 9: 2154-8.—**Conrad, C. K.** Gonococcus filtrate (Corbus-Ferry) as a skin sensitization test for gonorrhea. N. York State J. M., 1936, 36: 1767.—**Corbus, B. C.** A skin test for diagnosis of gonococcus infections. Illinois M. J., 1935, 67: 521-4. Also J. Urol., Balt., 1936, 35: 112-25.

Corbus, B. C., jr. The cutaneous diagnosis of gonococci infections; a further report. J. Am. M. Ass., 1941, 116: 113-5.—**Demonchy, A., & Benoit, F.** Recherches sur la cuti-réaction à la toxine gonococcique dans la blenorragie. Rev. internat. méd. chir., 1928, 39: 148.—**Dmitriev, A. J.** Réaction cutanée chez les malades atteints de blenorragie. Ann. mal. vénér., 1937, 32: 604-21, 2 ch.—**Domanski, M. A.** Valeur diagnostique des intradermo-réactions aux vaccins antigonococciques. Ibid., 1934, 29: 1-17.—**Engel, C., & Grundmann, H.** Hautreaktionsprüfungen bei Gonorrhoe. Derm. Wschr., 1933, 96: 194-201. — **Vigliani, M. R.** Besitzt die Intradermoreaktion auf Gonorrhöe eine diagnostische Bedeutung? Klin. Wschr., 1935, 14: 95.—**Fiorio, C., & Re, C.** L'emploi des animaux de laboratoire pour le diagnostic de la gonococcose; l'intra-dermo-réaction chez les animaux préalablement préparés. Boll. Sez. ital. Soc. internaz. microb., 1937, 9: 303-8.

Rapport entre allergie cutanée et anticorps circulants. Ibid., 308-11.—Grimaldi, F. E. El filtrado gonococcico como reactivo de la gonococia latente. Dia méd., B. Air., 1937, 9: 88.—**Heidenreich, H.** Die Intrakutanreaktion bei Gonorrhoe und ihre Bedeutung für die Diagnose. Derm. Wschr., 1934, 99: 1525-32.—**Herraiz, L.** Datos nuevos para la valoración de la intradermoreacción con antígeno gonococcico. Arch. med., Madr., 1935, 38: 50-2.—**Herrold, R. D.** Skin reactions with gonococcus toxin. Tr. Chicago Path. Soc., 1923-26, 12: 287.—**Jobst, P.** [Diagnostic value of intracutaneous gonococcus vaccine] Orvosi hetil., 1927, 71: 1299-301.—**Karyschewa, K. A., & Velentei, N. N.** Die Bedeutung der intracutanen (Gonotoxinreaktion nach Herrold bei weiblicher Gonorrhöe. Arch. Derm. Syph., Berl., 1929, 157: 72-80.—**Köhler, H.** Zur Frage der Gonorrhöediagnose durch intracutane Vaccineinjektionen. Zschr. urol. Chir., 1926, 19: 54-62.—**Lévine, E. M., & Fink, M. J.** De l'importance diagnostique des injections intradermiques de cultures vivantes et mortes de gonococcus. Ann. mal. vénér., 1932, 27: 645-56. Also Soviet. vest. vener., 1932, 1: 55-65. — De l'importance diagnostique de l'intradermoreaction à la gonotoxine. Ann. mal. vénér., 1933, 28: 730-9.—**Lévine, E. M., Fink, M. J.** [et al.] De l'importance immunologique de la réaction de Herrold. Ibid., 1932, 27: 657-61.—**Lévine, J. M.** Essai d'application de la réaction cutanée avec le gono-bouillon-filtrat dans la gonorrhée infantile. Ibid., 1934, 29: 737-45.—**Liebinann, G.** Ueber die Compligon-Cutireaktion bei Gonorrhoe. Derm. Wschr., 1935, 100: 594-9.—**Lissowskaia, S. N.** [Repeated gonococcal antigen test in the diagnosis of gonorrhea] Soviet. vest. vener., 1934, 3: 906-11.—**Magara, M., & Hosoya, S.** Die Hautreaktion mit wasserlöslicher Substanz aus Gonokokken bei der Gonorrhoe der Frau. Zbl. Gyn., 1939, 63: 2022-4.—**Mannino, A., & Caruso, G.** Valeur de la cuti-réaction dans le diagnostic de l'infection gonococcique. Rev. fr. derm. vénér., 1938, 14: 155.—**Maraini, B., & Diner, M.** Del valore de la intradermo-iniezione de vacuina antigonococcica como medio de diagnóstico de la blenorragia. Acción méd., B. Air., 1940, 10: 407-12.—**Mauelshagen, W.** Intradermo-Reaktionen bei Gonorrhöe mit A- und D-Gonokokkenstämmen. Arch. Derm. Syph., Berl., 1937, 175: 732-43.—**Mucci, A.** Saggio sul valore diagnostico della intradermoreazione nelle affezioni blenorragiche. Gior. ital. derm. sif., 1925, 66: 1418-24. — La intradermoreazione nei processi blenorragici. Ibid., 1927, 68: 569.—**Neuer, J.** Eine Hautreaktion zum Nachweis gonorrhöischer Tiefenerkrankungen. Wien. klin. Wschr., 1932, 45: 398.—**Ornstein, F.** Beitrag zur Diagnose

der Gonorrhoe mittels kutaner Impfung (Blennotestreaktion) Ibid., 1936. — **Ossipova, Z. A.** Intradermalreaktion bei Gonorrhoe. *Derm. Wschr.*, 1927, 85: 1059-62. — **Proppe, A. & Thurn, H.** Ueber die Compliglon-Hautreaktion bei Tripperkranken. *Derm. Zschr.*, 1935, 71: 11-6. — **Rossett, N. E.** Skin reactions to an extract prepared from a gonococcus bouillon filtrate. *Yale J. Biol.*, 1938-39, 11: 345-54. — **Scaglione, G.** Sull'allergia cutanea nei blenorragici; ricerche sulla intradermorreazione con un lisato di gonococchi. *Dermosifilograf.*, 1935, 10: 599-605. — **Scarpa, A.** Sul valore diagnostico del vaccino gonococcico nella blenorragia. *Gior. med. mil.*, 1932, 80: 669-81. — La cutireazione e l'intradermorreazione nelle affezioni gonococciche. *Gior. ital. derm. sif.*, 1934, 75: 1543-54. — **Sidorenko, P. I., & Shirvindt, S. L.** [Intracutaneous reaction in gonorrhea] *Vener. derm.*, Moskva, 1930, 7: 47-54. — **Thomas, M., & Waldeyer, L.** Besitzt die Intradermoreaktion auf Gonorrhoe eine diagnostische Bedeutung? *Klin. Wschr.*, 1934, 13: 1572. — **Venrill, J., & Rusca, J.** El vacuna diagnóstico de la blenorragia femenina, mediante las toxinas solubles del gonococo. *Ars medica, Barcel.*, 1935, 11: 253-60. — **Vohwinkel, K. H.** Zur Frage der Go-Cuti-reaktion. *Arch. Derm. Syph.*, Berl., 1933, 169: 216-9. — **Wishengrad, M.** Gonococcus filtrate test for gonorrhea. *Urol. Cut. Rev.*, 1939, 43: 386-9.

Arthritis.

See also subheadings Bone; Rheumatism.

BERTSCHINGER, H. *Beitrag zur Klinik der Arthritis gonorrhoeica. 37p. 22½cm. Zür., 1938.

DASCHEVICI, B. VON. *Ueber das Krankheitsbild der gonorrhoeischen Arthritis. 28p. 8° Münch., 1929.

HEINZEL, H. *Ueber das Krankheitsbild der Arthritis gonorrhoeica [München] 19p. 21cm. Günstburg, 1938.

LINDL, C. *Ueber einen Fall von gonorrhoeischer Spätarthritis. 23p. 21cm. Münch., 1936.

MÖLLER, H. O. *Beiträge zur Statistik und Klinik der gonorrhoeischen Gelenkerkrankungen [Kiel] p.597-614. 8° Berl., 1929.

Also *Arch. Derm. Syph.*, Berl., 1929, 158:

ROSE [R. W.] B. *Beitrag zur Klinik der gonorrhoeischen Gelenkerkrankungen [Halle] 24p. 8° Gütersloh, 1935.

Álvarez García, R. Las artritis gonococcicas. *Rev. cir. Hosp. Juárez, Méx.*, 1935, 6: 59-81. — **Armstrong, J. T.** Gonococcal arthritis. *Med. Press & Circ.*, Lond., 1936, 193: 9-10. — **Arroyo S., A.** Las artritis gonococcicas. *Rev. cir. Hosp. Juárez, Méx.*, 1935, 6: 83-91. — **Bahr, W.** Abnorme Lokalisation von Arthritis gonorrhoeica (zweimal früher Beginn und rasch, schwer destruktive Veränderungen; einmal später auftretende, aber auch rasch, schwer destruktive Missbildungen) Röntgenpraxis, 1929, 1: 140-2. — **Bosellini, P. L.** Artrite blenorragica cronica. *Athena, Roma*, 1940, 9: 65-9. Also *Resenha clin. cient.*, S. Paulo, 1940, 9: 219-23. — **Burbacher, C. R., & Weiland, A. H.** Gonorrhoeal arthritis. *J. Florida M. Ass.*, 1937-38, 24: 433-6. — **Castilla, C. M.** Las artritis blenorragicas. *Sem. méd.*, B. Air., 1940, 47: 565-74. — **Castro, A. de.** Acerca de 2 casos de artritis gonococcicas. *Med. contemp.*, Lisb., 1933, 51: 339-42. — **Cholewicz, K.** [Arthritis deformans et arthritis gonorrhoeica] *Pzegl. derm. Warsz.*, 1937, 32: 320. — **Chwalla, R.** Ueber gonorrhoeische Polyarthritiden. *Zschr. Urol.*, 1931, 25: 171-95. — **Comroe, B. I.** Gonorrhoeal arthritis. In *his Arthritis*, Phila., 1940, 419-45. — **Cottini, G.** Alcuni non comuni esiti di artriti gonococciche. *Arch. radiol.*, Nap., 1935, 11: pt 2, 165-84. — **Couvert, C.** Poliartrite e polimiosite blenorragica. *Gior. ital. derm. sif.*, 1936, 77: Suppl., 32. — **Delbet.** Artrite blenorragique. *Rev. gén. clin. thé.*, 1915, 29: 71. — Artrite gonococcique. *Ibid.*, 1931, 45: 339. — **Dhruv, J. D.** Gonococcal joint affections in women. *Sind. M. J.*, 1933, 6: 55-7. — **Donovan, R. E.** Las complicaciones osteoarticulares de la gonococcia. *Rev. san. mil.*, B. Air., 1934, 33: 499-518. — & **Otaño Etcheverbe, A.** Osteoarthritis gonococcica de la cadera. *Bol. Soc. cir. B. Aires*, 1934, 18: 822-32. — Factores importantes en el mecanismo y evolución de las artritis; complicación de la blenorragia en el hombre adulto. *Med. ibera*, 1933, 27: pt 2, 834. — **Frei.** Partnerfälle von Arthritis gonorrhoeica. *Zbl. Haut Geschlkr.*, 1926, 20: 743. — **Gabe, J.** Gonococcal arthritis; an analysis of 100 male cases. *Annual Rep. London Co. Council*, 1936, 4: pt 3, 102-6. — **Gantenberg, R., & Sandmann, A.** Zur Klinik der gonorrhoeischen Gelenkerkrankungen. *Deut. Arch. klin. Med.*, 1932, 174: 238-49. — **García Faure, M.** Coxitis gonococcica. *Prensa méd. argent.*, 1930-31, 17: 1565-84. — **Goldstein, E.** Gonorrhoeal arthritis. *Med. Clin. N. America*, 1931, 14: 1441-51. — **Guillemin, Guibal [et al.]** Un cas d'arthrite gonococcique. *Rev. méd. Nancy*, 1938, 66: 397; 710. — **Herchold, B.** [Gonococic arthritis of the joints] *Lek. vojisk.*, 1934, 23: 194-207. — **Hurd, B. B.** Gonorrhoeal arthritis. *Urol. Cut. Rev.*, 1926, 30: 196. — **Jay, H. J. D.** Gonococcal arthritis. *Med. J., Lond.*, Can., 1939, 9: 69-74. — **Jones, J. G.** Gonococcal arthritis. *J. Missouri M. Ass.*, 1931, 28: 314-8. — **Keefer, C. S.** Gonococcal

arthritis. *Med. Clin. N. America*, 1938, 22: 839-52. — & **Myers, W. K.** Gonococcal arthritis: a clinical study of 69 cases. *Ann. Int. M.*, 1934, 8: 581-94. — **Keefer, C. S., & Spink, W. W.** Gonococcal arthritis: pathogenesis, mechanism of recovery and treatment. *J. Am. M. Ass.*, 1937, 109: 1448-53. Also *Dia méd.*, B. Air., 1938, 10: 276. — **Key, J. A.** Gonococcal arthritis. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 37-42. — **Kinsella, R. A.** Recent studies of rheumatism, with special reference to gonorrhoeal arthritis. *J. Lab. Clin. M.*, 1929-30, 15: 1062-5. — **Langeron, L., & Delcours, J.** Coxite gonococcique. *J. sc. méd. Lille*, 1928, 46: pt 2, 126-32. — **Larget, M.** Arthrites blenorragiques. *Bull. méd.*, Par., 1937, 51: No. 10, suppl. — **McCahey, J. F.** Important factors in the onset and course of arthritis complicating gonorrhea in the adult male. *Urol. Cut. Rev.*, 1933, 37: 217-22. — & **Solis-Cohen, L.** The arthritic complications of gonorrhea in the adult male. *Am. J. M. Sc.*, 1930, 179: 782-94, 4 pl. — **Malhotra, S. N.** Gonorrhoeal joints. *Ind. J. Vener. Dis.*, 1935, 1: 130-3. — **Märtini, A.** Sulle poliartriti croniche gonococciche. *Riv. clin. med.*, 1934, 35: 751-66. — **Mondor, H.** Arthrites gonococciques (diagnostic et anatomie pathologique) *Bruxelles méd.*, 1925-26, 6: 1510-4. — **Mondor, Michel [et al.]** Les arthrites gonococciques en évolution. *Presse méd.*, 1926, 34: 1303-6. — **Mouls, J.** Quatre observations d'arthrite gonococcique. *Bull. Soc. nat. chir.*, Par., 1926, 52: 768-73. — **Myers, W. K., & Gwynn, H. B.** The clinical features of gonococcal arthritis; observations in 85 cases. *Med. Ann. District of Columbia*, 1935, 4: 194-7. — **Pasini, A.** L'artrite gonococcica. *Gior. med. mil.*, 1934, 82: 881-6. — **Paterson Toledo, R., & Muscolo, D. T.** Comentarios a 6 casos de artritis gonococcica de la cadera. *Rev. ortop. traumat.*, B. Air., 1939-40, 9: 49-64. — **Pauschardt, M.** Beitrag zur Arthritis gonorrhoeica. *Zschr. ärztl. Fortbild.*, 1927, 24: 517-9. — **Petcu, I., & Schmitzer, I.** [Late polyarthritiden gonococcica] *Spitalul*, 1931, 51: 464-6. — **Piqué, J. A.** Coxitis blenorragica. *Sem. méd.*, B. Air., 1940, 47: 264-78. — **Postma, C.** [Gonorrhoeal arthritis] *Ned. tscr. geneesk.*, 1929, 73: 3326. — **Puky, P.** Gonorrhoeische Gelenkentzündungen. *Arch. klin. Chir.*, 1938, 192: 729-40. — **Raharijaona.** Artrite gonococcique du poignet droit chez une jeune femme malgache de 21 ans (radiographie faite 13 mois après la disparition de tout phénomène inflammatoire) *Bull. Soc. path. exot.*, Par., 1928, 21: 486. — **Rathnavelu, M.** Gonorrhoeal arthritis. *Ind. J. Vener. Dis.*, 1935, 1: 222-5. — **Risak, E.** Zur Klinik der Polyarthritiden gonorrhoeica. *Deut. Arch. klin. Med.*, 1930, 168: 257-74. — **Roelof, R. J.** Arthritis gonorrhoeica. *Geneesk. tscr. Ned. Indië*, 1932, 72: 1770. — **Salberg, J. B., & Brunet, W. M.** Gonococcal arthritis in women; a study of 30 cases. *Med. Rec.*, N. Y., 1940, 152: 294-6. — **Stephen, G. A.** Gonorrhoeal arthritis. *Med. Press & Circ.*, Lond., 1937, 195: 168. — **Stern, A.** A case of gonococcal arthritis. *Brit. M. J.*, 1940, 2: 117. — **Svoboda** [Acute arthritis as a complication of conjunctival gonorrhea] *Cas. lék. česk.*, 1929, 68: 1085. — **Thomas, B. A.** Gonorrhoeal arthritis. *J. Am. M. Ass.*, 1927, 89: 2174-7. — **Tommasi, L.** Artrite gonococcica d'emblio (infezione gonococcica decapitata) *Arch. ital. derm.*, 1937, 13: 660. Also *Gior. ital. derm. sif.*, 1937, 78: Suppl., 34. — **Upfon, J. R.** Acute gonorrhoeal arthritis complicating pregnancy. *California West. M.*, 1938, 48: 326-32. — **Van Tine, J. L.** Gonorrhoeal arthritis in the female. *Hahneman. Month.*, 1926, 61: 78-85. — **Venkatasubramania, V.** Gonorrhoeal arthritis. *Ind. J. Vener. Dis.*, 1937, 3: 91-5. — **Wehrbein, H. L.** Gonococcus arthritis; a study of 610 cases. *Surg. Gyn. Obst.*, 1929, 49: 105-13. — **Witz, F.** Arthritis gonorrhoeica tarda; ein Beitrag zur Kenntnis der schlechend verlaufenden arthritischen und periartiritischen Krankheiten. *Münch. med. Wschr.*, 1933, 80: 335.

Arthritis: Complication.

BARISH, A. *Contribution à l'étude des complications articulaires de la blenorragie. 32p. 8° Lausanne, 1935.

COUDRAY, C. *Les luxations pathologiques dans les arthrites blenorragiques. 54p. 8° Par., 1926.

Chevalier G. Abcès du médiastin antérieur au cours d'une polyarthrite blenorragique. *Marseille méd.*, 1926, 63: 1041-4. — **Cooperman, M. B.** End results of gonorrhoeal arthritis; a review of 70 cases. *Am. J. Surg.*, n. ser., 5: 241-51. — **Dalla Vedova, R.** Anchilosi ossea da artrite gonococcica. *Arch. ital. chir.*, 1938, 51: 501-7. — **Heidemann, H.** [Case of hypertrichosis originating from gonorrhoeal affection of the joints] *Ugeskr. laeger*, 1934, 96: 553. — **Lamas-Pouey, E.** Arthritis gonococcica de ambas rodillas; anquilosis en flexión. *Arch. urug. med.*, 1936, 9: 734. — **Laurie, T. F.** Gonorrhoeal abscess of the wrist. *Tr. Am. Ass. Genitourin. Surgeons*, 1926, 19: 391-400. — **Mead, C. H., & Stewart, R. I.** Peripheral arterial thrombosis, secondary to gonorrhoeal arthritis and intramuscular injection of milk. *Arch. Surg.*, 1934, 29: 49-53. — **Mirsagatov, M. U., & Fedotov, V. V.** [Determination of remote sequelae of the treatment of acute gonorrhoeal arthritis from material of Dr Brunners urological clinic for men in the Institute of Moskv] *Vener. derm.*, Moskva, 1931, 8: 50-4. — **Schwab, E. H.** A case of gonococcal arthritis, with pathological dislocation of the hip-joint. *Lancet*, Lond., 1927, 1: 544. — **Vigne, P., & Chopin.** Kératodermie et polyarthrite blenorragique. *Marseille méd.*, 1937, 74: pt 2, 217-21. — **Weber, L. A.** Anquilosis de caderas y rodillas de origen gonococcico. *Rev. ortop. traumat.*, B. Air., 1937-38, 7: 248-54.

Arthritis: Diagnosis.

See also Gonoreaction.

Bertrand-Pibrac, de. Gadrat & Jacotot. Le radiodiagnostic des arthrites gonococciques aiguës. Bull. Soc. radiol. méd. France, 1934, 22: 409-15.—Brizio, G. V., & Torrieri, T. Considerazioni clinico-radiologiche su alcuni casi di osteoartriti blenorragiche. Policlinico, 1931, 38: sez. med., 194-212.—Cattaneo, L. L'indagine radiologica nelle artriti gonococciche. Gior. ital. derm. sif., 1929, 70: 1238-41.—Coureaud, L. H. Arthrite gonococcique aiguë grave de la hanche; diagnostic précoce. Mém. Acad. chir., Par., 1935, 61: 1347-52.—Holbøll, S. A. [Gonorrheal joint affections with special regard to gonococcus complement fixation] Hospitaltidende, 1930, 73: 18-25.—Jausion, H., Pecker, A., & Meerssemen, F. Données récentes sur le diagnostic et le traitement des arthrites gonococciques. Rev. fr. derm. vénér., 3: 522-31.—Kapo, P. J. An evaluation of the roentgen findings in gonorrheal arthritis. Am. J. Roentg., 1935, 33: 359-80.—Kowarschik, J. Ueber die Arthritis gonorrhoica und ihre Differentialdiagnose. Münch. med. Wschr., 1934, 81: 443-7.—Mondor, H. Remarques sur le diagnostic des arthrites gonococciques. Prat. méd. fr., 1926, 5: 321-6.— & Urbain, A. La réaction de fixation dans les complications articulaires de la gonococcie. C. rend. Soc. biol., 1927, 96: 513-5.—Pepper, O. H. P. The diagnosis of gonococcal arthritis with report of 3 cases in patients with chronic rheumatic endocarditis. Ann. Int. M., 1929-30, 328-34.—Petrovych, A. I. [Diagnosis and treatment of gonorrheal arthritis] Vrach. delo, 1935, 18: 476-8.—Rossi, G. La diagnosi batteriologica dell'artrite gonococcica. Gazz. osp., 1935, 56: 1080.—Schrader, E., & Faber, A. Arthritis gonorrhoica tarda? (zugleich ein Beitrag zur Sero-Diagnostik der Gonorrhoe) Münch. med. Wschr., 1933, 80: 1043-5.—Schultze, P. [Gonococcus complement fixation reaction in joint affections] Ugeskr. læger, 1930, 92: 231-9.—Sicard, R. Du diagnostic des rhumatismes chroniques blenorragiques. Bull. méd., Par., 1932, 46: 397-400.—Strauch, A. Der Wert der Serum-Diagnose der Gonorrhoe bei der Beurteilung von Gelenkaffektionen. Aerzt. Sachverst. Ztg., 1931, 37: 353-6.—Warren, S. L. Differential diagnosis of gonococcal arthritis. J. Lab. Clin. M., 1936-37, 22: 44-7. Also J. Am. M. Ass., 1936, 107: 532.—Wirz, F. Zur Diagnose der Arthritis gonorrhoica tarda. Münch. med. Wschr., 1933, 80: 1045.

Arthritis: Pathology.

CONGY-AUDIBERT, G. L. *Contribution à l'étude de la coxite gonococcique à forme grave de l'adulte. 49p. 8° Par., 1937.

DELTEIL, G. *Les arthrites gonococciques de la hanche. 54p. 8° Par., 1926.

GIBRAT, A. P. *Contribution à l'étude clinique des arthrites gonococciques pendant la grossesse et les suites de couches et en particulier de la coxite. 29p. 23½cm. Par., 1939.

HALBACH, M. *Ueber Arthritis gonorrhoica der Kiefer- und Kehlkopfgelenke. 36p. 8° Bonn., 1931.

HANNE, H. *Ueber primär- und sekundär-chronische gonorrhoische Spätharthritis. 21p. 8° Lpz., 1934.

Also Zschr. orthop. Chir., 1934, 62:

Bärfstedt, B. Gonorrhoische Arthritis von ausgesprochenem destruktivem Charakter. Acta derm. vener., Stockh., 1937, 18: 332.—Bottoli, A. Contributo allo studio dei rapporti tra spondilosi rizomelica ed infezione gonococcica. Riforma clin., 1934, 50: 133-9.—Chutro, P. De variedad de pie blenorragico. In his Lecc. clin. quir., B. Air., 1938, 1: 379-93.—Cowen, L. B. Gonorrheal infections of the bones and joints. Urol. Cut. Rev., 1927, 31: 444-6.—Dragonetti, A. R. Arthritis blenorragica y eritrosedimentación. Rev. méd. Rosario, 1937, 11: No. 104, 1-14.—Fontes, M. Um caso de artrite gonococcica metacarpophalangeana esquerda. Fol. med., Rio, 1937, 18: 555-7.—Funston, R. V. Gonorrheal arthritis of the knee. Ann. Clin. M., 1926-27, 5: 295.—Gaté, J., & Chaniel, G. Hémarthrose due à une dyscrasie sanguine chez une femme atteinte de leucorrhée et présentant une intradermo-réaction positive au vaccin antigonococcique. Bull. Soc. fr. derm. syph., 1936, 43: 939-41.—Gaucher, M. Les formes tardives à échéance éloignée du rhumatisme blenorragique. Bull. méd., Par., 1927, 41: 813-5.—Genkin, S., & Ljachowsky, W. Die Klinik der gonorrhoischen Polyarthritiden; Allergisches und Infektiöses in ihrer Pathogenese. Deut. Arch. klin. Med., 1934-35, 177: 420-31.—Lagomarsino, E. H., & Dal Lago, H. Espondilitis gonococcica. Rev. san. mil. B. Air., 1938, 37: 488-99.—Lewith, R., & Jaros, M. Ueber einen Fall von Spondylarthritis atlanto-occipitalis gonorrhoica acuta. Derm. Zschr., 1935-36, 72: 82-5.—Liakhovitsky, N. S. [Gonorrheal ankylosing vertebral arthritis] Khirurgiya, Moskva, 1939, No. 7, 123-7.—Mayr, J. K., & Bremner, B. Die Lokalisation der gonorrhoischen Arthritis. Münch. med. Wschr., 1928, 75: 1024-7.—Mondor, H. A propos de la coxite gonococcique. Médecine, Par., 1926, 8: 19-23. — Remarques sur

l'étiologie des arthrites gonococciques. Prat. méd. fr., 1927, 6: 391-404. & Gauthier-Villars. Sur les lésions histologiques des arthrites gonococciques. Presse méd., 1938, 46: 1015-7.—Myers, W. K., Keefer, C. S., & Holmes, W. F., jr. The characteristics of synovial fluid in gonococcal arthritis. J. Clin. Invest., 1934, 13: 767-76.—Santi, M. Artrite gonococcica dell'alluce. Gazz. internaz. med. chir., 1935, 43: 52.—Silvie & Gavazzini, L. Un caso di osteoartrite coxo-femorale in soggetto blenorragico. Atti Congr. ital. radiol. med., 1922, 4: 175-8.—Spink, W. W., & Keefer, C. S. A comparison of the bactericidal properties of the synovial fluid and blood in gonococcal arthritis. J. Clin. Invest., 1938, 17: 17-22.

Arthritis: Surgery.

See also Joint, Surgery.

SCHAAPS, E. *Die gonorrhoischen Gelenkentzündungen und ihre orthopädische Behandlung. 34p. 23cm. Berl., 1936.

Brocq, C. Ankyloses vicieuses du coude et du médius; résection avec interposition fibreuse; résultats éloignés. Bull. Soc. nat. chir., Par., 1926, 52: 1048-50.—Charbonnel, M., & Jonchères. Résultats de 2 arthrotomies pour arthrites suppurées blenorragiques du genou. Gaz. sc. méd. Bordeaux, 1926, 47: 227-30. Also Bull. Soc. méd. chir. Bordeaux (1926) 1927, 108-16.—Descarpentries. Traitement des arthrites gonococciques en évolution, en particulier des arthrites du genou. P. verb. Congr. fr. chir., 1926, 35: 657-61.—Dos Santos, R. Arthrites blenorragiques. Ibid., 673-6.—Essbach, H. Ergebnisse der Gelenkplastik bei Ankylosen nach Arthritis gonorrhoica. Deut. Zschr. Chir., 1935-36, 246: 255-89.—Fruchaud, H., Lecuit & Roy. Coxite gonococcique grave de la hanche; résection de la tête fémorale et fermeture sans drainage. Bull. Soc. nat. chir., Par., 1931, 57: 1076-83.—Greenberg, G. Treatment of gonorrheal arthritis by vasotomy with special reference to the study of vesiculograms. Med. J. & Rec., 1926, 124: 76-9.—Hedrick, D. W. Management of gonorrheal arthritis. Am. J. Surg., 1933, 22: 255-61. Also repr.—Hochberg, S. B. [Treatment of gonorrheal arthritis] Vest. khir., 1932, 26: 66.—Kochs, J. Sollen nach Gonorrhoe versteifte Kniegelenke blutig mobilisiert werden? Chirurg, 1933, 5: 124-8.—Lissovskaja, S. N. [Problem of treatment of gonococcal arthritis] Vest. khir., 1930, 19: 69-72.—Mallet-Guy. Arthrodèse du poignet pour séquelle d'arthrite gonococcique. Lyon méd., 1933, 151: 741-4.—Michel, G. Traitement des arthrites gonococciques en évolution. P. verb. Congr. fr. chir., 1926, 35: 512-51.—Mondor, H. Arthrites gonococciques. Ibid., 552-646.—Neely, J. W. Arthrotomy for Neisserian arthritis. Dallas M. J., 1930, 16: 153-5. Also Tristate M. J., 1932, 4: 940-3.—Neugarten, K. Zur Arthritis gonorrhoica tarda. Zschr. orthop. Chir., 1934, 61: 22-6.—Oltremare, J. H. Traitement des arthrites gonococciques en évolution. P. verb. Congr. fr. chir., 1926, 35: 650-4.—Payr, E. Ueber Gelenkplastiken bei postgonorrhoischen Ankylosen. Deut. Zschr. Chir., 1935-36, 246: 249-54.—Perrignon de Troyes & Bourguet. Réaction articulaire gonococcique guérie par ponction associée à la méthode de Basset et Poincloux. Bull. Soc. méd. mil. fr., 1936, 30: 123-5.—Serrallach Mauri, N. Nuevo tratamiento de la artritis gonococcica. Rev. cir. Barcelona, 1935, 10: 246-50.—Willems. Traitement des arthrites gonococciques en évolution. P. verb. Congr. fr. chir., 1926, 35: 646-50.

Arthritis: Treatment.

ENGEL, C. *Neue Behandlungsmethoden der gonorrhoischen Arthritis. 18p. 8° Berl., 1932.

LÉGER, M. *Contribution au traitement des arthrites purulentes aiguës à gonococque. 51p. 8° Par., 1933.

SCHOTTDORF, O. *Ueber die Erfolge bei ruhigstellender Behandlung der Arthritis gonorrhoica des Handgelenkes [Berlin] 24p. 8° Münch., 1937.

Adler, S. [Auto-urine treatment of gonorrhoic arthritis] Gyógyászat, 1933, 73: 274.—Audebert & Planques. Arthrites gonococciques guéries par l'auto-vaccin et la diathermie. Bull. Soc. obst. gyn. Paris, 1929, 18: 176-8.—Baetznner, W. Die Behandlung der gonorrhoischen Gelenkentzündung. Med. Welt, 1930, 4: 250-2.—Bassov, B. F. [Clinical aspect and treatment of gonorrheal arthritis] Klin. med., Moskva, 1932, 10: 727-31.—Bernardi, R., & Castilla, C. M. Poliartiritis blenorragica; su tratamiento. Dia méd., B. Air., 1934-35, 7: 615-7.—Bressot, E. Traitement des arthrites blenorragiques aiguës. Paris méd., 1926, 61: 233-7.—Carleton, S., & Greenberg, G. Gonorrheal arthritis; variously treated at the Metropolitan Hospital. J. Am. Inst. Homeop., 1929, 22: 154-9.—Culp, O. S. Treatment of gonorrheal arthritis; an analysis of 200 cases. J. Urol., Balt., 1940, 43: 737-65.—Fauvert, R. Sur le traitement des arthrites aiguës gonococciques. Gaz. méd. France, 1936, 43: 225-9.—Frising, G. [Treatment of gonorrheal arthritis] Lunds läk. säll. förh., 1936-37, 57-69.—Gutman, J. The treatment of gonorrheal arthritis. Tr. Am. Ther. Soc. (1927) 1928, 28: 87-91. Also Long Island M. J., 1927, 21: 568-73.—Hermann, H. Sobre el tratamiento de la

- arthritis gonococcica. Crón. méd. mex., 1931, 30: 149-55. Also Rev. méd. lat. amer., B. Air., 1930-31, 16: 223-34.—Hubmann, P. Die Erfolge der funktionellen Behandlung der Gelenkgonorrhoe. Deut. med. Wschr., 1929, 55: 532.—Karrenberg, C. L., & Möller, O. Zur Behandlung der serofibrinösen gonorrhoeischen Arthritiden. Ther. Gegenwart, 1928, 69: 310-3.—Key, J. A. Management of gonorrheal arthritis. South. M. J., 1929, 22: 469-72.—Kingreen, O. Zur Diagnose und Therapie der gonorrhoeischen Arthritis. Deut. med. Wschr., 1930, 56: 872; 913.—Kissmeyer, A. Sur les arthrites blennorrhagiques et leur traitement. Acta derm. vener., Stockh., 1937, 18: 505-10.—Klapp, R. Ueber Fortschritte in der Behandlung des Empyems und der Gonorrhoe der Gelenke. Fortsch. Med., 1922, 40: 1.—Layani, F. Le traitement médical des arthrites gonococciques subaiguës et prolongées. Rev. rhumat., Par., 1938, 5: 780-806 [Discussion] 959-62.—Lemierre, A. Sur le traitement des arthrites blennorrhagiques. Médecine, Par., 1925-26, 7: 716-21.—Liubin, M. A. [Treatment of gonarthritides by Poinchi's method] Vest. vener., 1938, No. 2, 61.—Marsan, F. Le traitement de l'arthrite blennorrhagique. Bull. méd., Par., 1932, 46: 147-52. Also Marseille méd., 1933, 70: 201-3.—Michel, G. Traitement des arthrites gonococciques en évolution. Bruxelles méd., 1925-26, 6: 1507-10.—Mondor, H. Sur le traitement chirurgical des arthrites gonococciques. Prat. méd. fr., 1928, 7: 249-61. — Quelques traitements récents des arthrites gonococciques aiguës. Paris méd., 1931, 81: 37-51.—Muether, R. O., & Andrews, K. R. Combined use of typhoid vaccine and neoprontol in treatment of gonococcal arthritis. J. Missouri M. Ass., 1939, 36: 383-7.—Partsch, F. Diagnostische und therapeutische Bemerkungen zur gonorrhoeischen Gelenkentzündung. Zschr. ärztl. Fortbild., 1927, 24: 314-8.—Plission, L. Formes cliniques et traitement des arthrites gonococciques. Progr. méd., Par., 1927, 42: 1543-51.—Rinaldo, C. La cura Rinaldi nelle arthriti gonococciche come nuova applicazione. Med. nuova, 1938, 29: 67-71.—Rodríguez, M. Nouveau traitement des arthrites gonococciques et autres complications blennorrhagiques. Paris méd., 1927, 65: 434.—Rudnick, D. F., & Burstein, H. J. The treatment of acute gonorrheal arthritis. Illinois M. J., 1931, 59: 430-32.—Serrallach Mauri, N. Nuevo tratamiento de la artritis gonococcica. Med. iber., 1935, 29: 752-4.—Siedlicki, F. [Clinical aspect and treatment of gonorrheal arthritis] Polska gaz. lek., 1936, 15: 601-6.—Smirnov, N. A. [Diagnosis and therapy of gonorrheal arthritis] Urologia, Moskva, 1935, 12: 113-20.—Spink, W. W., & Keefer, C. S. The diagnosis, treatment, and end results in gonococcal arthritis; a study of 70 cases. N. England J. M., 1938, 218: 453-6.—Stecher, R. M., & Solomon, W. M. Treatment of gonorrheal arthritis. Ohio M. J., 1940, 36: 24-6.—Stellwagen, T. C. Gonorrheal arthritis; preliminary report of a new treatment. J. Urol., Balt., 1925, 14: 661-9. — & McCahey, J. F. Gonorrheal arthritis in the adult male; correlation of clinical and urological findings; treatment by injection of the seminal vesicles. Ibid., 1927, 18: 1-32. Also Atlantic M. J., 1927-28, 31: 793.—Sylvestro, L. Traitement moderne de l'arthrite gonococcique. Union méd. Canada, 1939, 68: 861-4.—Tarchanov, V. A. [Treatment of gonorrheal arthritis] Vrach. delo, 1925, 8: 828-30.—Timofeev, P. Zur Frage der Therapie der gonorrhoeischen Arthritiden. Derm. Wschr., 1927, 84: 298-302.—Trèves, A. Le traitement de l'arthrite gonococcique. J. se. méd. Lille, 1927, 45: 159-61.—Wanderer, E. Beitrag zur Klinik und Therapie der Arthritis gonorrhoea. Wien. klin. Wschr., 1937, 50: 1300-3.—Wetterer, J. Zur Behandlung des Arthritis gonorrhoea. Derm. Wschr., 1921, 72: 221-5.—Wiedmann, A. Die Arthritis gonorrhoea im Lichte der modernen Tripperbehandlung. Wien. klin. Wschr., 1935, 48: 189-92.
- **Arthritis: Treatment: Drugs.**
- ALLARY, M. *Quelques cas de traitement des arthrites gonococciques par les sulfamides. 32p. 24cm. Par., 1939.
- BENCHAYA, L. P. *Contribution à l'étude du traitement de l'arthrite blennorrhagique par les sulfamides. 85p. 24½cm. Par., 1939.
- Caldwell, G. A. Sulfanilamide in gonorrheal arthritis. Tristate M. J., 1939-40, 12: 2358-60. Also repr.—Cattaneo, D. Contribución a la cura de las artritis gonococcicas, por los sulfapiridínicos. Prensa méd. argent., 1940, 27: pt 2, 2644-7.—Chaux, F. E. El cloruro de calcio en las artritis gonococcicas. Rev. méd. Colombia, 1930-31, 1: 514-6.—Chevallier, P., & Ornstein. Traitement de l'arthrite gonococcique aiguë et subaiguë par les injections intra-veineuses de l'Institut Pasteur. Rev. rhumat., Par., 1938, 5: 990-5.—Correa F., O., & Vargas Salazar, R. Tratamiento de las artritis gonococcicas de los miembros por medio de inyecciones intraarteriales. Bol. Soc. cir. Chile, 1934, 12: 310-20.—Culp, O. S., & Cobey, M. C. Gonorrheal arthritis; a proposed plan of sulfanilamide therapy. J. Bone Surg., 1940, 22: 185-99.—Dmitriev, A., Porodiminski, I., & Sdobnow, I. Flavakridin bei gonorrhoeischer Arthritis. Zschr. Urol., 1933, 27: 831-4.—Hamilton, J. F. Diagnosis and management of gonococcal arthritis with emphasis on the use of ammonium o-iodoxybenzoate. South. M. J., 1936, 29: 791-800.—Kantardjian, H. Arthrite blennorrhagique monoarticulaire rebelle guérie par le propidon. Marseille méd., 1927, 64: 404-7.—Keefer, C. S., & Rantz, L. A. Sulphanilamide in the treatment of gonococcal arthritis. Am. J. M. Sc., 1939, 197: 168-81.—Lutembacher, R. Guérison d'une polyarthrite gonococcique rebelle, par les injections intraveineuses d'antipyrine. Bull. méd., Par., 1940, 54: 204.—Michel, P. J., & Danic, P. Arthrite gonococcique du coude à allure de pyarthrose; guérison extraordinairement rapide par le 1162F. Bull. Soc. fr. dermat. syph., 1938, 45: 1396-400.—Parrish, P. P., Console, W. A., & Battaglia, J. Gonococcal arthritis of the newborn treated with sulfanilamide. J. Am. M. Ass., 1940, 114: 241.—Pochy-Riano, R. L'urotropina endovenosa nella cura dell'artrite blennorrhagica. Riv. med., 1932, 40: 147; 161.—Pulido Martín, A. Nuevas consideraciones sobre el amarillo de acridina en las artritis gonococcicas. Siglo méd., 1927, 74: 296-8.—Rouchet, P., & Bérard, M. Traitement des arthrites gonococciques par la gonaécine. Lyon chir., 1934, 31: 592-5.—Simmons, E. E., & Dunn, F. L. Sulfanilamide therapy in gonorrheal arthritis. Nebraska M. J., 1938, 23: 451.—Sorley, E. R. Three cases of gonorrheal arthritis treated by intravenous animal charcoal. J. R. Nav. M. Serv., 1935, 21: 52-4.—Spurr, R., & Montanardo, H. Tratamiento de las artritis gonococcicas por el mercurio cromo 220. Rev. espec., B. Air., 1931, 6: 468-82. Also Sem. méd., B. Air., 1931, 38: pt 2, 1198-204.—Taylor, R. L. Gonorrheal arthritis; treatment with Pregl's solution. Northwest M., 1934, 33: 371.—Valverde, B., & Barbosa de Magalhães. Tratamento das orchi-epididimites blennorrhagicas pelo cianato de mercurio. Fol. med., Rio, 1929, 10: 427-30.—Williams, H., & Passanante, D. A. Resultados del tratamiento de las artritis gonococcicas por las sales de oro. An. Inst. clín. méd., B. Air., 1935, 16: 179-91.
- **Arthritis: Treatment: Fever.**
- DASS, M. M. *Gonococcal arthritis with special reference to malarial treatment. 20p. 8°. Lausanne, 1935.
- Atsatt, R. F., & Patterson, L. E. Gonorrheal arthritis; its treatment by electropyraxia. California West. M., 1935, 42: 94-8.—Bierman, W., & Levenson, C. L. The treatment of gonorrheal arthritis by physically induced fever. Med. Clin. N. America, 1937, 21: 1709-21.—Dumiresco, T. La pyréthérapie des arthrites gonococciques. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 1489-93. — & Petrea, C. [Pyretotherapy in gonococcal arthritis] Spitalul 1934, 54: 166-8.—Fetter, F. Fever therapy of gonococcal arthritis. Week. Roster, Phila., 1937-38, 33: 1583.—Gulbinas, A. [Treatment of gonorrheal arthritis with pyrexia] Medicina, Kaunas, 1939, 20: 35-41.—Gwynn, H. B. Artificial fever therapy of gonorrheal arthritis. Med. Ann. District of Columbia, 1937, 6: 288-92.—Hench, P. S., & Stocumb, C. H. Results of fever therapy for gonorrheal arthritis, chronic infectious (atrophic) arthritis, and other forms of rheumatism. Proc. Mayo Clin., 1935, 10: 202-7.—Kendell, H. W., & Webb, W. W. Artificial fever therapy of gonorrheal arthritis; report of 31 cases. Abstr. Papers Annual Fever Conf., Dayton, 1935, 5: 108-10. — & Simpson, W. M. Artificial fever therapy of gonorrheal arthritis; report of 31 cases. Am. J. Surg., 1935, 29: 428-35.—Schnabel, T. G., & Fetter, F. Fever therapy in gonorrheal arthritis and chorea. Ann. Int. M., 1935-36, 9: 398-405. Also Abstr. Papers Annual Fever Conf., Dayton, 1935, 5: 36-8. — Fever therapy in gonococcal infections with especial reference to gonococcal arthritis. Fever Ther., N. Y., 1937, 181-3. Also Am. J. Syph., 1938, 22: 39-47.—Schouwen, M. van. Zur Behandlung der Arthritis gonorrhoea mit Pyrexia. Derm. Wschr., 1937, 105: 892.—Solomon, W. M., & Stecher, R. M. Treatment of gonococcal arthritis with artificial fever. Arch. Phys. Ther., 1938, 19: 389-92.—Starkey, R. Artificial fever therapy in gonococcal arthritis. Nurs. Times, Lond., 1939, 35: 821-4.—Stecher, R. M., & Solomon, W. M. The treatment of gonorrheal arthritis with artificial fever. Am. J. M. Sc., 1936, 192: 497-510.—Thomas, W. H. Gonorrheal arthritis with special reference to fever therapy. Pennsylvania M. J., 1936-37, 40: 930-4.—Trautman, J. A. Fever therapy in gonococcal arthritis and epididymitis. Arch. Phys. Ther., 1936, 17: 277-81.
- **Arthritis: Treatment: Immunization.**
- BONNET, R. *Contribution à l'étude du traitement des arthrites gonococciques en évolution; quelques cas traités par la vaccination régionale par la porte d'entrée. 59p. 8°. Par., 1929.
- MARTIN, Y. M. *Contribution à l'étude du traitement des arthrites gonococciques par la sérothérapie. 61p. 8°. Par., 1936.
- MAYER, I. *Contribution à l'étude du traitement des arthrites gonococciques par vaccination régionale par la porte d'entrée. 66p. 8°. Par., 1931.
- MONEDHIKOVA, V. *La vacinothérapie des arthrites blennorrhagiques. 32p. 8°. Genève, 1927.
- NÉTY, J. *Le traitement des arthrites gonococciques aiguës par la vacinothérapie spécifique

intraveineuse associée à la gonacrine. 51p. 8° Lyon, 1934.

PLIQUE, R. *Contribution à l'étude du traitement des arthrites gonococciques par le sérum antimeningococcique. 72p. 8° Par., 1935.

SANDLER, M. *Traitement de l'arthrite gonococcique par les injections intraveineuses de vaccin antigonococcique de l'Institut Pasteur. 36p. 8° Par., 1937.

SIMON, L. G. M. *Contribution à l'étude du traitement des arthrites blennorragiques; les injections intraveineuses de sérum antigonococcique de Nicolle. 141p. 8° Par., 1927.

Alexandrescu, G. [Treatment of gonococcal arthritis with Gono-Yatren] Cluj. med., 1936, 17: 567-70.—Arène, S. P. Traitement du rhumatisme blennorragique par les injections intraveineuses de sérum antigonococcique. Arch. méd. pharm. mil., 1932, 96: 629-38.—Basset, A., & Poincloux, P. La vaccination régionale par la porte d'entrée; son application au traitement des complications articulaires de la blennorragie. Bull. Soc. nat. chir., Par., 1930, 56: 354-63.—Beron. Beitrag zur Behandlung der gonorrhoeischen Gelenkerkrankungen mit menschlichem Immunsrum. Derm. Zschr., 1928, 53: 33-7.

Champion, W. L. The value of gonococcal vaccines in the treatment of gonorrheal arthritis. Tr. M. Ass. Georgia, 1910, 266 8.—Costa, S. Sur le traitement des arthrites blennorragiques aiguës par le vaccin antigonococcique formolé. Rev. prat. mal. pays chauds, 1925-24, 3: 610-27.—Dikansky. Vaccination intra-articulaire dans l'arthrite gonococcique. P. verb. Congr. fr. chir., 1926, 35: 654-6.—Dutta, N. C. Notes on a case of gonorrheal arthritis treated by injection of milk. Ind. M. Gaz., 1932, 67: 142.—Dzsinich. Immuntherapie der gonorrhoeischen Gelenkentzündungen. Münch. med. Wschr., 1938, 85: 1815.—Fabry, P. Deux cas d'arthropathies gonococciques traités par autovaccins. Liège méd., 1928, 21: 439-48.—Flandin, C., Duchon, L., & Barreau. Essais de traitement des manifestations articulaires de la blennorragie par le lysat-vaccin à gonocoques. Bull. Soc. méd. hôp. Paris, 1927, 3. ser., 51: 1071-82.—Gaté, J., Thiers, H., & Cuilleret, P. La vaccinotherapie intraveineuse dans le traitement de début des arthrites gonococciques. Bull. Soc. fr. derm. syph., 1934, 41: 370-2.—Gheorghiu, I. [On autovaccination in the treatment of gonorrheal arthritis] Rev. st. med. Bucur., 1925, 14: 155-9.—Girardi, V. C. La seroterapia específica local en las arthritides gonococcicas. Rev. ortop. traumat., B. Air., 1939, 8: 300-12. Also Sem. méd. B. Air., 1939, 46: pt 2, 794-801.—Gómez, O. L., & Basch, F. Tratamiento de la artritis blennorrágica por la vacunación regional. Prensa méd. argent., 1936, 23: 1900-5.—Keefer, C. S. Bacteriolysis in gonococcal arthritis. J. Bact., Balt., 1938, 35: 31.—Landucci, A. I trattamento locale delle artriti gonococciche con la seroterapia specifica. Morgagni, 1935, 77: 156.—Lapkovsky, Z. B. [Treatment of gonorrheal arthritis with antimeningococcal serum] Sovet. vrach., J., 1937, 2: 38-43.—Lupesco, T. [Two cases of gonorrheal arthritis treated successfully with Cantacuzén's vaccine] România med., 1928, 6: 253.—Marotta, R. A. Contribución al tratamiento de la artritis gonococcica por la seroterapia intra y periartricular. Rev. sudamer. endocr., B. Air., 1940, 23: 75-86.—Masturzo, A. Variations du pu. articulaire dans les arthrites gonococciques traitées par la vaccinotherapie. Rev. rhumat. Par., 1938, 5: 1016-9.—Mateos, L. La seroterapia endovenosa en las artritis gonococcicas. Rev. méd. Barcelona, 1934, 21: 272; 483.—Mateos Tiuli, L. La seroterapia endovenosa en las artritis gonococcicas. Med. iber., 1934, 28: 349.—Mirallié, C. Sur un cas d'arthrite gonococcique des 2 genoux guéri par 2 injections locales de bactériophage antistaphylococcique. Bull. Soc. locales de bactériophage antistaphylococcique. Bull. Treat. nat. chir., Par., 1931, 57: 871.—Noica, S., & Roibas, P. [Treatment of gonorrheal arthritis with intravenous injections of antigonorrheal vaccine] Spitalul, 1932, 52: 20-4.—Olinescu, R. [Specific serotherapy in cases of gonorrheal arthritis] Rev. st. med., Bucur., 1926, 15: 31-46.—Peisachovich, I. M. [Gonorrheal arthritis treated by local vaccination] Vrach. delo, 1926, 9: 1528.—Peyri, A., & Campos, R. Tratamiento de la artritis gonococcica; seroterapia específica intravenosa. Rev. méd. Barcelona, 1930, 14: 323-35.—Pierangeli, W. Sulla cura delle artriti gonococciche con l'autoseroterapia. Rinasc. med., 1925, 2: 56-8.—Poincloux, P. Vaccination régionale par la porte d'entrée; traitement des arthrites gonococciques (76 observations personnelles) (31 observations de contrôle) Hôpital, 1933, 21: 372-7.—Rizzo, J., & Pierini, E. A. El tratamiento focal de las artritis gonococcicas por la seroterapia específica. Prensa méd. argent., 1934, 21: 2132-6.—Rochet, P., & Thiers. Traitement des arthrites blennorragiques aiguës par les injections intraveineuses de vaccin antigonococcique et de gonacrine. Lyon chir., 1935, 32: 229-33.—Rochet, P., & Violet. Arthrite gonococcique tibio-tarsienne guérie par le vaccin intraveineux. Ibid., 1936, 33: 90-3.—Scudero, C. Artrite cronica atipica da gonococcismo latente; reazione di focoloia c cura con vaccino nella regione focale di partenza. Gior. ital. derm. sif., 1936, 77: suppl., 82-4.—Wiedmann, A. Neue Wege in der Vakzinotherapie der Arthritis gonorrhoea. Wien. klin. Wschr., 1932, 45: 111-3.—Zanne, D. D., & Streja, M. O. Die regionale Impfung an der Eintrittspforte und deren Anwendung in der Behandlung der Arthritis und Epididymitis gonorrhoea. Zschr. Urol., 1934, 28: 411-8.

— Arthritis: Treatment: Physiotherapy.

DODERO, J. *La d'Arsonvalisation diathermique dans le traitement des arthrites gonococciques. 40p. 8° Par., 1929.

GUYOT, J. J. M. *La physiothérapie des arthrites gonococciques. 138p. 8° Par., 1935.

KÜSTER, V. *Die Diathermiebehandlung bei gonorrhoeischen Arthritiden unter Berücksichtigung der Ergebnisse der hiesigen chirurgischen Klinik. 23p. 22½cm. Freib. i. B., 1937.

Attij, S. La radioterapia delle artriti gonococciche. Arch. radiol., Nap., 1926, 2: 995-1002.—Bierman, W., & Levenson, C. The treatment of gonorrheal arthritis by means of systemic and additional focal heating. Am. J. M. Sc., 1936, 191: 55-65.—Comel, M. Contributo alla terapia fisica dell'artrite gonococcica. Gior. ital. derm. sif., 1933, 74: 1389-410.—Dausset & Chambet. Arthrites gonococciques et physiothérapie; un exemple typique. Presse therm. clim., 1932, 73: 398.—Delacroix. Traitement des arthrites chroniques blennorragiques à la période fibreuse. Bull. Soc. méd. Paris, 1937, 588-91. ———. Traitement des arthrites blennorragiques par l'émanation de thorium. Rev. rhumat., Par., 1937, 4: 952-4.—Fernández, O. C. Artritis blennorrágica: su tratamiento kinesitérapico. Sem. méd., B. Air., 1927, 34: 415-25.—Graf, H. Kurzwellentherapie bei Arthritis gonorrhoea. Derm. Wschr., 1933, 96: 470-6.—Grauer, S. Röntgentherapeutische Erfahrungen mit der Arthritis gonorrhoea. Strahlentherapie, 1928, 29: 303-10.—Grynkrant, B. De la radiothérapie des arthrites blennorragiques. J. radiol. électr., 1926, 10: 319.—Guhrauer, H. Die Röntgenbehandlung der Arthritis gonorrhoea. Strahlentherapie, 1927, 26: 275-8.—Guillamet, L. Quelques nouveaux cas d'arthrite gonococcique traités par les rayons X. Bull. Soc. radiol. méd. France, 1937, 25: 652-6.—Heitz-Boyer, Marsan, F., & Tissot, J. Traitement de l'arthrite blennorragique chronique par le thorium X. Bull. Soc. fr. urol., 1930, 157-65.—Jame, L., Tourniaire, A., & Passa, J. A propos du traitement radiothérapique des arthrites gonococciques. Bull. Soc. méd. mil. fr., 1934, 28: 17-22.—Jedrzejewski [Roentgen treatment of gonorrheal polyarthritides] Przegl. derm., Warsz., 1938, 33: 518.—Kaplan, I. I. X-ray therapy in the treatment of acute gonorrheal arthritis. Radiology, 1930, 15: 691.—Kistiakovsky, E. V. [Gonorrheal arthritis; treatment with dry-air baths] Vrach. delo, 1927, 10: 603.—Laqueur, A. The physical therapy of gonorrheal arthritis. Med. J. & Rec., 1931, 133: 453-5.—Loewenstein, L. Diagnostik und Therapie der gonorrhoeischen Gelenkerkrankungen unter Berücksichtigung der Röntgen- und Radiumstrahlen. Ther. Gegenwart, 1928, 69: 112-5.—Nguyen-Dinh-Hoang. Roentgentherapie de l'arthrite blennorragique. Presse méd., 1937, 45: 895-7.—Pattinieri, M. Il trattamento precoce fisioterapico ortopedico dell'artrite acuta Neisseriana all'Istituto Rizzoli. Rass. internaz. clin. ter., 1936, 17: 393-401.—Sesto, A. Diatermia e termocauteroterapia alla Bier nelle artriti gonococciche. Gior. ital. derm. sif., 1929, 70: 1259-63. Also Pensiero med., 1929, 18: 415-27.

— Arthritis—in infants and children.

FICHMAN, E. A. *Les arthrites à gonocoques chez les enfants. 71p. 8° Par., 1934.

MASSON, M. *Les arthrites aiguës à gonocoques chez l'enfant. 36p. 24cm. Par., 1940.

RIEGER, P. *Ueber die gonorrhoeischen Gelenkerkrankungen Neugeborener. 25p. 2cm. Berl., 1936.

Bell, A. D. C., & Clements, P. A. Gonococcal polyarthritides in a new-born child. Lancet, Lond., 1931, 1: 1349.—Butti, I. V., & Cucullú, A. C. Artritis gonococcica aguda del recién nacido. Arch. argent. pediat., 1933, 4: 203-12.—Canino, R. Un caso di artrite gonococcica apparentemente primitiva in un neonato. Pediatria (Riv.), 1931, 39: 264-70.—Cooperman, M. B. Gonococcus arthritis in infancy; a clinical study of 44 cases. Am. J. Dis. Child., 1927, 33: 932-48.—Crooks, J., & Signy, A. G. Suppurative gonococcal arthritis in a child. Lancet, Lond., 1932, 1: 238.—Galdi, F., & Gambiassi, A. Poliartritis gonococcica en un lactante de 20 días, débil congénito. Rev. As. méd. argent., 1932, 45: 1592-7.—Günsberg, M. Ueber Arthritis gonorrhoea bei Säuglingen. Mschr. Kinderh., 1927, 35: 486-94.—Haybroek, N. J. [Case of gonorrheal polyarthritides in an infant of 11 days] Ned. tsehr. geneesk., 1928, 72: 1170.—Hellmann, B. Ueber Gelenksgonorrhoe (Arthritis gonorrhoea) im Säuglingsalter. Zschr. Kinderh., 1925, 40: 92-5.—Kostitch-Ioksch, S. A. Sur l'arthrite blennorragique des nouveau-nés; a propos d'un cas chez un nouveau-né de 12 jours. Rev. fr. pédiat., 1929, 5: 221-31.—MacLennan, J. M. Gonococcal arthritis in the mother and newborn infant. Brit. M. J., 1936, 2: 121.—Matsuda, S. A case of an infant suffering from arthritis gonorrhoea simulating Parrot's pseudoparalysis. Orient. J. Dis. Inf., Kyoto, 1928, 4: No. 2, 10.—Patoir, A., Decouix, P., & Patoir, G. Evolution prolongée d'une ostéo-arthrite gonococcique infantile. Rev. chir., Par., 1935, 73: 575-85.—Popovici-Lupa, M., & Steinberg, T. Sur un cas de polyarthrite gonococcique chez une fillette de 8 mois. Rev. fr.

pédiat., 1933, 9: 384.—**Raspi, M.** Contributo allo studio delle artriti e osteoperiostiti gonococciche del lattante. Riv. clin. pediat., 1926, 24: 793-805.—**Ross, S. G.** Gonococcal arthritis in a new-born male infant. Canad. M. Ass. J., 1923, 13: 437-9.—**Stephani, H.** Arthritis gonorrhoea bei kleinen Mädchen. Münch. med. Wschr., 1932, 79: 869-71.—**Su, T. F., & Hu, H. T.** Gonococcus arthritis in childhood; report of a case. Chin. M. J., 1936, 50: 583-5.—**Sztolcman-Lapínska** [Case of gonorrheal arthritis in a new-born] Przegl. dermat., Warsz., 1938, 33: 506.—**Tagliaferri, P., & Vittorelli, D.** Sulle artriti gonococciche nei neonati consecutive ad oftalmoblenorrea. Riv. ostet. gin., 1932, 14: 113-6.—**Valino, M. T., & Macera, J. M.** Arthritis gonococcica en una niña de 3 años. Arch. lat. amer. pediat., B. Air., 1928, 22: 779-85. Also Rev. espec., B. Air., 1928, 3: 894-900.

Associated diseases.

Bertoloty, R. Secondary infection in gonorrhea. Urol. Cut. Rev., 1931, 35: 369-70.—**Castano, C. A.** La syphilis comme complication des processus gonococciques. Gyn. obst., Par., 1928, 18: 119-26.—**Cawston, F. G.** The treatment of gonorrhea in Bilharzia patients. Urol. Cut. Rev., 1934, 38: 481-3.—**Del Vivo, G.** Infezione gonococcica in donna con genitali anomali. Riforma med., 1926, 42: 295-7.—**Glouchenky, T. T.** Sur la question de l'influence des maladies infectieuses sur le cours de la gonorrhée. Ann. mal. vénér., 1937, 32: 341-9.—**Holmes, R. E.** Herniorrhaphy as complicated by latent gonorrhea infection. Colorado M., 1937, 34: 573-7.—**Janet, J.** La blennorrhagie diverticulaire. Clinique. Par., 1929, 24: 341-4.—**Lacassagne, J., & Lebeuf, F.** Association de blennorrhagie et de poradénite inguinale. Ann. mal. vénér., 1934, 29: 201-4, pl.—**Nicoletti, V.** Associazione di blennorrhagie e di linfogranulomatosi inguinale. Riforma med., 1934, 50: 148.—**Posatti, F.** Uleus vulvae acutum plus Gonorrhoe. Wien. klin. Wschr., 1939, 52: 617.—**Sebastiani, F.** Infezione gonococcica in soggetto epispadico. Prat. chir., Arezzo, 1937-38, 5: 41-3.

atypical.

See Gonorrhea, Course.

Bartholin's gland.

See also subheading Vulva.

Gurvich, C. A., Rozenhaus, A. E., & Lifschitz, M. B. [Treatment of Bartholinitis in gonorrheal patients by short waves] Vest. vener., 1938, No. 6, 82.—**Matolesy, K.** [Therapeutic value of autoserotherapy in Bartholinitis gonorrhoea] Orv. hetil., 1926, 70: 1301.—**Schmidt-La Baume, F.** Die Infiltrationstherapie der Gonorrhoe-Bartholinitis mit Akridinderivaten. Münch. med. Wschr., 1928, 75: 2209.—**Weissalt** [Gonorrheal Bartholinitis treated with autohemotherapy] Polska gaz. lek., 1928, 7: 246.—**Zoeltzsch-Lass, E.** Untersuchungen über Häufigkeit und Behandlung der Bartholinitis gonorrhoea. Münch. med. Wschr., 1937, 84: 210-3.

Bibliography.

Fessler, A. Die Gonorrhoe (neue Ergebnisse aus dem Schrifttum vom Juli 1937 bis Juni 1938) Derm. Zschr., 1938, 78: 347-68.—**Hämel, J., & Ceyer, H.** Der Tripper (Bericht über das Schrifttum vom Januar 1932 bis Juni 1933) Ibid., 1933, 68: 46-86.—**Der Tripper** (neue Ergebnisse aus dem Schrifttum vom Juli 1933 bis Juni 1934) Ibid., 1934, 70: 151-70.—**Lemonnier, L.** New treatise on the venereal disease and on all the accidents which precede and accompany it; with the most certain easiest method of cure. Med. Life, 1932, 39: 475-83.—**Peugniez** La blennorrhagie, de M. Pierre Barbellion. Bull. Soc. méd. Paris, 1937, 84: 1-4.—**Schirner, G.** Der Tripper (neue Ergebnisse aus dem Schrifttum von Juli 1934 bis Juni 1935) Derm. Zschr., 1935-36, 72: 227-44.—**Der Tripper** (neue Ergebnisse aus dem Schrifttum von Juli 1935 bis Juni 1936) Ibid., 1936, 74: 212-25.—**Der Tripper** (neue Ergebnisse aus dem Schrifttum von Juli 1936 bis Juni 1937) Ibid., 1937, 76: 210-25.

Bladder, ureter, and kidney.

See also Gonorrhea, Sepsis.

SAUVAGET, M. T. *A propos d'un cas de pyélonéphrite à gonocoques chez un enfant. 50p. 8°. Par., 1926.

Alvárez Sainz de Aja, E. La cistitis gonococcica: falso concepto de su frecuencia. Clin. mod., Zaragoza, 1918, 17: 530-2.—**Cecil, H. L.** Gonorrheal infections of the kidney. Dallas M. J., 1927, 13: 57-60.—**Cutler, I. H.** Pyelitis complicating Neisserian infection (gonorrhea) report of 2 cases. Internat. J. M. & S., 1932, 45: 359-66.—**Dax, L.** Pyélonéphrite bilatérale grave à gonocoques; échec de l'auto-vaccin; guérison par les lavages du bassin. J. méd. Bordeaux, 1927, 57: 62.—**Friedmann, L.** Einseitige Uretergonorrhoe bei kongenitaler Ostiumstenose. Schweiz. med. Wschr., 1937, 67: 625.—**Giuliani.** Pyonéphrose bilatérale à gonocoques; néphrotomie bilatérale. Lyon méd., 1936, 158: 124.—**Kalaja, L.** Ueber renale durch Gonorrhoe hervorgerufene Komplikationen. Acta Soc. med. Duodecim, 1939, ser. B, 27: No. 29, 1-9.—**[Pararenal abscesses from ascending gonorrheal infection]** Duodecim, Helsin., 1939, 55: 66-71.—**Kemble, A.** Gonorrheal

infection of the kidney; with report of a case. J. Urol., Balt., 1926, 15: 289-92.—**Kessler, E. E.** Gonorrheal infection of the kidney pelvis; report of 4 cases. Am. J. Surg., 1932, n. ser., 17: 189-93.—**Kopp R.** Wiederholter Befund von Gonokokken und Influenza-Bazillen bei einer Pyelitis. Deut. med. Wschr., 1926, 52: 1822.—**Marchionini, A.** Die Neosalvarsanbehandlung der akuten und chronischen Cystitis und Pyelitis und der sogenannten terminalen Hämaturie bei Gonorrhoe. Zschr. Urol., 1926, 20: 838-46.—**Marcolongo, F.** Sindrome di ipocloremia grave in corso di glomerulonefrite acuta diffusa da setticemia gonococcica. Minerva med., Tor., 1935, 26: 45-53.—**Mayers, M. M.** Gonococcal infections of the kidney. Urol. Cut. Rev., 1939, 43: 377-82.—**Mihalovici, I.** Considérations sur la formation des calculs dans la pyélite blennorrhagique, avec un cas personnel. J. urol. méd., Par., 1931, 32: 305-13.—**Okada, K.** Gonococcal infection of the kidney; report of 2 cases. J. Orient. M., Dairen, 1934, 20: 1-12, 4 pl. Also Polyclin. Dairen, 1934-36, 6: No. 9, 1-12, 4 pl.—**Peli, G.** I composti arseno-benzolici nella cura della cistite blennorrhagica. Gazz. osp., 1931, 52: 291-5.—**Pugh, W. S.** Gonorrheal infections of the bladder and kidneys. Am. J. Surg., 1930, n. ser., 9: 492. Also Clin. M. & S., 1937, 44: 119.—**Schmidt, E.** Gonorrhoe der Blase und der Niere. In Handb. Haut Geschlkr. (A. G. Alexander) 1930, Berl., 20: Teil 2, 14-39.—**Schultz, W. G., & Vivian, C. S.** Gonococcal infection of the kidney. J. Urol., Balt., 1929, 21: 593-600.—**Simonini, V.** Su di un caso di pielite gonococcica. Med. prat., Nap., 1927, 12: 30-2.—**Sisk, I., & Wear, J. B.** Gonococcal pyelonephritis. Urol. Cut. Rev., 1936, 40: 390-2.—**Tissot, J.** Traitement de la cystite blennorrhagique par injections intra-veineuses de trypanflavine. J. méd. Paris, 1926, 45: 316-8.—**Topchan, A. B.** [Cases of gonorrheal pyelitis] Mosk. med. J., 1928, 8: 35-43.—**Uhle, C. A. W.** Gonococcal pyonephrosis; report of a case with a review of the literature. J. Urol., Balt., 1934, 32: 335-45.—**Zinner, A.** Zur Kenntnis der gonorrhoeischen Niereninfektionen. Wien. klin. Wschr., 1926, 39: 1179.

Bone.

Bardenwerper, H. E. Gonorrheal infection of bone. J. Am. M. Ass., 1930, 94: 1230.—**Barthélemy, R.** Epine sous-calcaneenne et blennorrhagie. Ann. mal. vénér., 1927, 22: 889-91, pl.—**Baudet.** Pied épineux blennorrhagique. Bull. Soc. méd. mil. fr., 1928, 22: 185-7.—**Breitländer, K.** Periostitis gonorrhoea. Röntgenpraxis, 1929, 1: 375.—**Fain, A. E.** [Spurs of the heel bone as remote complication of gonorrhea] Soviet. vrach. J., 1939, 43: 277-80.—**Ferguson, C.** Gonorrheal periostitis of the os calcis; a palliative treatment. Hosp. News, Wash., 1937, 4: No. 22.—**Karysheva, K. A.** [Case of gonorrheal periostitis in girls] Soviet. vest. vener., 1933, 2: 637.—**Lackum, W. H. von, & Palomaeque, E. J.** Gonorrheal spur as a misnomer. J. Am. M. Ass., 1930, 95: 472.—**Lagonarsino, E. H., & Dal Lago, H.** Espondilitis gonococcica. Rev. ortop. traumat., B. Air., 1937-38, 7: 377-92.—**Lloyd, V. E.** Sub-calcanean spurs in gonorrhoea. Brit. J. Vener. Dis., 1927, 3: 122-40.—**Machin, R.** Exostosis plantar de origen blennorrhagica. Rev. med. cir. Habana, 1930, 35: 421-7.—**Mapes, C. C.** A note on the so-called gonorrheal heel; a semi-critical commentary. Urol. Cut. Rev., 1930, 34: 605-9.—**Neideck, J.** Allgemeine Bemerkungen über Erkrankungen am Kalkaneus und Mitteilung von 4 Fällen gonorrhoeischer Fersenbeinerkrankung, nebst Behandlung. Zschr. orthop. Chir., 1933, 59: 557-63.—**Wade, H. K.** Exostoses occurring on the os calcis as the result of gonococcal infection. J. Urol., Balt., 1928 20: 259-65.

Cardiovascular system.

See also Endocarditis, Bacteriology: Gonococcus; Gonorrhea, Sepsis.

Bang, O. [Gonorrheal myocarditis] Ugeskr. laeger, 1939, 101: 1285-8. Also Brit. M. J., 1940, 1: 117-20.—**Freund, H. A.** Gonorrheal endocarditis. J. Am. M. Ass., 1938, 111: 79.—**Anderson, W. L.** Recovery in a case of gonococcal endocarditis treated by artificial hyperpyrexia. Fever Ther., N. Y., 1937, 178-80.—**Futcher, P. H.** The double quotidian temperature curve of gonococcal endocarditis; a diagnostic aid. Am. J. M. Sc., 1940, 199: 23-7.—**Kitchevatz.** Phlébite gonococcique de la veine saphène traitée et guérie par injections du vaccin dans la veine malade. Bull. Soc. fr. dermat. syph., 1927, 34: 423-6.—**Kopp** [Gonorrheal pericarditis] Geneesk. tschr. Ned. Indië, 1936, 76: 174.—**Kramer, S. E., & Smith, J. V.** Gonorrheal septicemia and endocarditis. J. M. Soc. N. Jersey, 1930, 27: 311-5.—**Riecker, H. H.** Gonococcal bacteremia with gonococcal endocarditis and aortitis. Am. Heart J., 1925-26, 1: 191-5.—**Ruiz, F. R., & Ocaña, T.** Localizaciones cardiacas de la gonococcia; 2 casos de abceso del miocardio a gonococos. Rev. méd. Rosario, 1926, 16: 237-50.—**Scolari, E.** Endocardite parietale e miocardite purulenta gonococcica. Boll. sez. reg. Soc. ital. dermat., 1936, 14: 134. Also Gior. ital. dermat. sif., 1936, 77: 211-42, 4 pl.—**Spangenberg, J. J., & Rossi Belgrano, C.** Flebitis gonococcica. Prensa méd. argent., 1937, 24: 229-31.—**Waite, K. V.** Toxic myocardial reaction to a generalized gonococcal infection, with report of case. Hosp. News, Wash., 1938, 5: No. 17, 15-23.

Carrier state.

See also other subheadings chronic; latent.

Asch, P. L'importance des porteurs de gonocoques dégénérés dans la transmission de la blennorrhagie. Ann. mal. vénér.,

1934, 29: 279-83.—**Burger, W.** Ueber Gonokokkenträger. Arch. Derm. Syph., Berl., 1938-39, 187: 552-9.—**Carpenter, C. M., & Westphal, R. S.** The problem of the gonococcus carrier. Am. J. Pub. Health, 1940, 30: 537-41.—**Croft, A.** Portatori di gonococco ed immuni da blenorragia a proposito di un caso clinico. Gior. ital. derm. sif., 1937, 78: Suppl., 331.—**Portatori di gonococchi malati ed immuni da malattia gonococcica.** Riforma med., 1938, 54: 295-8.—**Franck, G.** La gonoréaction et les porteurs de gonocoques. Ann. mal. vénér., 1933, 28: 359-61.—**Nouvelles recherches concernant les porteurs de germes gonococciques et autres, et les formes dites involutives du gonocoque.** Ibid., 1934, 29: 506-111.—**La transmission de la blenorragie se fait régulièrement par les porteurs de gonocoques sans symptômes cliniques et non par les femmes cliniquement malades.** Ibid., 1935, 30: 440-4.—**Janet, J.** Morphologie du gonocoque; les porteurs de germes. Ibid., 1936, 31: 100-12.—**Westphal, R. S., Barnes, M. S., & Carpenter, C. M.** Gonococcus carriers among male prison inmates. Tr. Am. Neisser. M. Soc., 1939, 5: 32-6.—**Wirz, Gonokokkenträger.** Münch. med. Wschr., 1932, 79: 3-6.—**Wolbarst, A. L.** Symptomless gonorrhea and the gonococcus carrier. Med. Rec., N. Y., 1936, 144: 161-4. Also repr.

Cervix uteri.

See also Cervicitis.

BAUMÜLLER, A. *Zur Behandlung der Cervix-Gonorrhoe mit Flavadin. 16p. 8°. Frankf., 1934.

Also Deut. med. Wschr., 1935, 61: 1161-3.

HELDT, H. *Der Einfluss der Intracervikalbehandlung der Gonorrhoe beim Weibe auf klinischen Verlauf und Heilungsdauer. 30p. 8°. Münch. [1933]

JENSEN, C. A. T. W. *Die Anatomie der chronischen Cervix-Gonorrhoe. 66p. 8°. Kiel, 1932.

LOTH, B. *Ueber Behandlung der Cervikal-Gonorrhoe mit Patentex [Frankfurt] 19p. 20½cm. Gelnhausen, 1937.

POPP, L. *Ueber die Patentexbehandlung der weiblichen Gonorrhoe [Würzburg] 21p. 8°. Frankf. [1935]

Audry, C., & Vieu, M. Injection interstitielle du vaccin gonococcique dans le col utérin au cours du traitement de la blenorragie. Bull. Soc. fr. derm. syph., 1930, 37: 398-400.—**Birnbaum, G.** Zur Behandlung des Trippers des Gebärmutterhalskanals mit Flavadin. Med. Klin., Berl., 1934, 30: 60-2.—**Blatt, M. L., Herrold, R. D.** [et al.] Lysed gonococci in the treatment of gonococcus cervicovaginitis. J. Pediat., S. Louis, 1934, 5: 511.—**Brady, L.** Gonorrheal endocervicitis treated with strong solutions of mercuriochrome. Johns Hopkins Hosp. Bull., 1925, 37: 400-7.—**Cantanzaro, L.** Sul trattamento della cervicite blenorragica con la vaccinazione locale alla Bucura. Gior. ital. derm. sif., 1936, 77: suppl., 84-6.—**Corbus, B. C., & O'Connor, V. J.** Diathermy in the treatment of gonorrheal endocervicitis. J. Am. M. Ass., 1926, 87: 1816-21.—**Dashkovskaia, E. N.** [Histopathology of gonorrheal endocervicitis treated by electrocoagulation] Akush. gin., 1939, 48-53.—**De Meritt, C. L.** Chronic gonorrhea of the cervix uteri. J. M. Soc. N. Jersey, 1915, 12: 18-21.—**Donahue, C. D.** Diathermic treatment of gonorrheal endocervicitis: report of 18 cases. Northwest M., 1931, 30: 282-5.—**Dutheil, L.** Blenorragie cervicale et grossesse. Ann. mal. vénér., 1937, 32: 36-41.—**Falke, L. A.** [Diagnosis and treatment of chronic gonorrhea of the cervix] Ned. tschr. geneesk., 1939, 83: 390-5, pl.—**Fleischhauer, B. M.** Die Behandlung der Cervix-Gonorrhoe mit Gynichthol mit Silber und Globichthol mit Silber. Derm. Wschr., 1936, 103: 1158-63.—**Fleischman, A. G.** Diathermy as an aid in the treatment of gonorrheal endocervicitis. Arch. Phys. Ther., 1932, 13: 207-13.—**Fritze, G.** Die chemotherapeutische Behandlung der Zervixgonorrhoe in der Schwangerschaft. Deut. med. Wschr., 1940, 66: 213.—**Geyer, H.** Ueber die mangelnde Brauchbarkeit der Heissluftbehandlung für die Heilung des Trippers des Gebärmutterhalskanals. Münch. med. Wschr., 1928, 75: 1034.—**Goldblatt, S.** Gonorrhea in the female: a study of 3,838 cases with special reference to electrosurgical treatment of gonorrheal endocervicitis. Vener. Dis. Inform., 1939, 20: 157-63.—**Grassi, A.** Primi risultati di terapia locale della cervite e bartolinite gonococcica con la flavadin. Arch. ital. derm., 1935, 11: 502. Also Gior. ital. derm. sif., 1935, 76: suppl., 118-24.—**Harrison, L. W.** Discussion on gonorrhoea and other cervical discharges. Proc. R. Soc. M., Lond., 1932, 25: 819-32.—**Hofstätter, R.** Energische Behandlung der veralteten Cervixgonorrhoe. Zbl. Gyn., 1938, 62: 1855-7. Also Zschr. Geburtsh. Gyn., 1938, 117: 351-60.—**Immel, E. F.** Zur Behandlung der Zervikalgonorrhoe mit Heissluft. Münch. med. Wschr., 1927, 74: 243.—**Irresberger.** Therapeutische Anwendung der Canabatabletten bei gonokokkenpositivem Zervikalsekret. Wien. med. Wschr., 1927, 77: 1298.—**Jacob.** Granulations spécifiques au col utérin (blenorragie virulente granuleuse) Presse méd. belge, 1866-67, 19: 173-6.—**Kagano-**

vich, I. I. [Efficacy of active methods of diagnosis and therapy of chronic cervical gonorrhea] Akush. gin., 1938, No. 2, 84-9.—**Kahn, A. G., & Jasskolko, F. M.** [Endoscopic and bacterioscopic diagnosis of gonorrheal infections of the cervix uteri in children] Vener. derm., Moskva, 1931, 8: 53-6.—**Kanta, R.** Ueber die Behandlung der Zervixgonorrhoe mit Jontophorese. Wien. med. Wschr., 1936, 86: 727.—**Kishnevskaia, R. I.** [Treatment of gonorrheal cervicitis by intracervical injections of potassium permanganate] Akush. gin., 1937, No. 5, 76-80.—**Kushelevsky, A. P.** [Treatment of gonorrheal cervicitis by vaginal irrigation] Vest. vener., 1937, 1156-60.—**Lindner, E.** Ist die Gonotestreaktion für die Diagnose der weiblichen Cervixgonorrhoe verwertbar? Med. Klin., Berl., 1926, 22: 1300.—**Litvak, L. I.** [Treatment of cervical gonorrhea by vaginal mud tampons] Vest. vener., 1939, No. 6, 32-42.—**Loeser, A.** Die rationelle Therapie der weiblichen chronischen Zervix- und Adnexgonorrhoe mittels Lebendvaccine. Med. Klin., Berl., 1931, 27: 796-8.—**Active immunization by intra-cutaneous injection of live gonococcus cultures as a therapeutic measure in chronic gonorrhea of the cervix and adnexa in women.** Brit. J. Vener. Dis., 1938, 14: 42-62.—**Maisel, E. P., & Rudnev, I. I.** [Treatment of gonorrheal endocervicitis with ammoniacal solutions of silver salts] Akush. gin., 1939, 58-60.—**Monti, G.** Le sostanze radioattive nella cura delle cervicitis blenorragiche. Pensiero med., 1927, 16: 167-76.—**Ortiz T., O.** La necesidad de tratar a fondo las cervicitis gonococcicas para evitar males ulteriores. Salubridad, Méx., 1932, 3: 256-60.—**Pastorini, R., & Prat, S.** Contribución al estudio de las cervicitis gonococcicas. Sem. méd., B. Air., 1939, 46: 43.—**Périn, L., Skwirsky, E., & Leclercq, J.** Traitement des cervicitis gonococciques chroniques par l'électro-coagulation. Paris méd., 1938, 107: 202-8.—**Petchenko, A. I.** [Use of operative treatment of gonorrheal endocervicitis] Akush. gin., 1938, No. 2, 94-8.—**Reins.** Cervix-Gonorrhoe und deren Behandlung mit Flavadin. Med. Welt, 1934, 8: 839.—**Rosner, J., & Kiedaczówna, M.** [Therapeutic results with flavadin in gonorrhea of the uterine cervix] Nowiny lek., 1936, 48: 208-11.—**Schaefer, F.** Wirkung und Nebenwirkung von Ultron und Albucid bei Tripperentzündung des Gebärmutterhalskanals in der Schwangerschaft sowie bei Anhängsentründungen. Deut. med. Wschr., 1939, 65: 373-5.—**Schröder, R.** Grundsätzliches zur Behandlung der Zervixgonorrhoe. Derm. Wschr., 1931, 92: 757-64.—**Die Anatomie der chronischen Cervixgonorrhoe.** Zbl. Gyn., 1931, 55: 3429-38.—**Siemens, H. H.** Flavadin- oder Tampon-Behandlung bei Zervikalgonorrhoe? Derm. Zschr., 1936, 74: 201-11.—**Silva, C.** Considerazioni sulla terapia locale della cervicometrite-blenorragica. Arte ostet., 1939, 53: 348-52.—**Simpson, A. M.** The treatment of gonococcal cervicitis. Urol. Cut. Rev., 1929, 33: 451-4.—**Steffen, W.** Behandlung der Zervix-Gonorrhoe mit Flavadin. Derm. Zschr., 1934, 70: 194-7.—**Taylor, K. P. A.** A practical treatment of gonorrheal endocervicitis. Am. J. Obst., 1939, 38: 712-4.—**Thalmann, H.** Die Granugolbehandlung der gonorrhoischen Erosionen der Portio. Derm. Wschr., 1927, 84: 337.—**Walker, F. C.** Gonorrhea in women: below the internal os uteri. Med. Arts, 1931, 34: 571.—**Walther, H. W. E., & Peacock, C. L.** Gonococcal endocervicitis. South. M. J., 1926, 19: 202-6.—**Wassermann, E.** Ueber Saugbehandlung bei Cervixgonorrhoe. Arch. Derm. Syph., Berl., 1926, 151: 490-2.—**Waugh, J. R.** Treatment of chronic endocervicitis of gonorrheal origin by surgical diathermy. Vener. Dis. Inform., 1933, 14: 277-82.—**Weinkann, M.** Eine neue Behandlungsmethode der Cervixgonorrhoe; vorläufige Mitteilung. Zbl. Gyn., 1937, 61: 2117.—**Wharton, L. R.** Chronic gonorrhea of the external genitalia and cervix. Urol. Cut. Rev., 1936, 40: 861-6.—**Williams, T. J.** Diathermy in the treatment of gonococcus cervicitis and urethritis. Am. J. Obst., 1932, 23: 575-8.—**Zieler, K.** Erfahrungen über die Behandlung des Trippers des Gebärmutterhalskanals beziehungsweise der Gebärmutter. Deut. med. Wschr., 1928, 54: 3-5.

chronic.

See also Gonorrhoea, latent.

Baltasar, M. Chronic gonorrhoea. J. Philippine Islands M. Ass., 1927, 7: 286-92.—**Barbellion, P.** Blenorragie chronique chez la femme. Rev. gén. clin. théor., 1936, 50: 501-3; 663. Also Bull. Soc. méd. Paris, 1937, 117-21. Also J. méd. Paris, 1937, 57: 257.—**Blenorrhagies chroniques sans repaires microbiens décelables.** J. méd. Paris, 1938, 58: 135.—**Bennardi, A. M.** The successful treatment of chronic gonorrhea. Clin. M. & S., 1927, 34: 415-8, pl.—**Cox, A. B.** Some points in the treatment of chronic gonorrhea. J. R. Nav. M. Serv., 1929, 15: 85-7.—**Foerster, R.** Unsere Erfahrungen mit der Fieberbehandlung bei chronischer Gonorrhoe. Münch. med. Wschr., 1931, 78: 945-7.—**Gaume, P.** A propos du traitement de la blenorragie chronique; nouvelle instrumentation et premiers résultats. Gaz. méd. France, 1933, 271-4.—**Gorash, V. A.** [Chronic gonorrhea] Vrach. gaz., 1929, 33: 2361-7.—**Green-slade, C. M.** A commentary on the causes of chronic gonorrhea in the male. N. Zealand M. J., 1931, 30: 56-64.—**Howe, J. H.** Chronic gonorrhea. J. Oklahoma M. Ass., 1938, 31: 306-9.—**Janet, G.** Aleuni concetti sulla blenorragia cronica. Rinasc. med., 1930, 7: 413.—**Janson.** Der Allgemeinarzt und die chronische Gonorrhoe der Frau. Prakt. Arzt, 1930-31, n. F., 16: 647-50.—**Kochetov, B. P.** [One of frequent causes of protracted gonorrhea] Vest. vener., 1938, No. 5, 68-71.—**Kvater, E. I.** [Methods used in Soviet Russia in diagnosis and therapy of chronic gonorrhea in women]

Vrach. delo, 1936, 19: 141-6.—**Luys, G.** Des échecs de la médication intraveineuse dans la blennorrhagie chronique. *Clinique, Par.*, 1930, 25: 173.—**Maisler, H.** Traitement de la blennorrhagie chronique par dilatation gazeuse. *J. urol. méd., Par.*, 1938, 45: 407-18.—**Mertz, H. O.** The treatment of chronic gonorrhea in the male. *J. Indiana M. Ass.*, 1937, 30: 135.—**Mocquot, P., & Palmer, R.** Le dépistage de l'infection gonococcique chronique chez la femme. *Gyn. obst., Par.*, 1939, 40: 104-22.—**Moore, E.** The diagnosis and treatment of chronic gonorrhea and some complications in the male. *J. Oklahoma M. Ass.*, 1927, 20: 298-302.—**Parbellion, P.** Blennorrhagie chronique; diagnostic et traitement. *Rev. gén. clin. théor.*, 1936, 50: 305-10.—**Patterson, R. S.** A study of the laboratory aids to the diagnosis of chronic gonorrhea in women. *J. Immun., Balt.*, 1926, 12: 293-308.—**Pelouze, P. S.** Why chronic gonorrhea in the male? *Atlantic M. J.*, 1925-26, 29: 461-7.—**Ronke, M.** Chronic gonorrhoea in women. *Lancet, Lond.*, 1927, 1: 1198.—**Rubi, R. A.** Blennorrhagie crónica; tratamiento. *Dia méd., B. Air.*, 1940, 12: 216-8.—**Schwarz, O.** Die Therapie der chronischen Gonorrhoe des Mannes. *Wien. med. Wschr.*, 1928, 78: 1013-5.—**Sinha, K.** Chronic gonorrhoea and its treatment. *Calcutta M. J.*, 1927-28, 22: 84 9.—**Urethroscopy in the treatment of chronic gonorrhoea.** *Ind. M. Rec.*, 1927, 47: 225.—**Smith, R. L.** Chronic gonorrhea. *J. Indiana M. Ass.*, 1940, 33: 346 8.—**Stoian, E.** Application pratique de la diathermie dans le traitement de la blennorrhagie chronique. *J. urol. méd., Par.*, 1936, 41: 561 4.—**Strachstein, A.** The etiology and management of chronic gonorrhea in the male. *Med. Rec., N. Y.*, 1938, 147: 541-3.—**Telang, Y. A.** Chronic gonorrhoea in men. *Ind. M. Rec.*, 1931, 51: 67-72.—**Trachtenberg, S. V.** [Open form of chronic gonorrheal process in women] *Vener. dermat., Moskva*, 1931, 8: 74.—**Trinca, F., & Foreman, G.** A treatment of chronic gonorrhoea. *Med. J. Australia*, 1926, 2: 81.—**Urdapilleta, V.** La blenorragia crónica; su tratamiento por el éter. *Sem. méd., B. Air.*, 1931, 38: 1717-9.—**Vassiliev, A. I.** [Diagnosis of chronic gonorrhea] *Sovet. vrach. gaz.*, 1933, 37: 469-78.—**Villette, J.** Blennorrhagie chronique rebelle; orchite et prostatite; étapes d'une guérison. *J. se. méd. Lille*, 1913, 36: 622-4.—**Wildman, S. F.** Chronic gonorrhea in the male. *J. Oklahoma M. Ass.*, 1934, 27: 165.

Complication.

See also various subheadings.

BÜHLMANN, K. M. *Die Häufigkeit der Komplikationen bei der Gonorrhoe des Mannes [München] 23p. 8°. Burghausen, 1931.

DITTRICH, O. Fernkomplikationen bei Gonorrhoe. p.257-331. 8°. Berl., 1930.
In *Handb. Haut Geschlkr.* (A. G. Alexander) Berl., 1930, 20: Teil 2.

FOERSTER, H. *Statistische Untersuchungen über die Häufigkeit von Komplikationen bei ambulant behandelter Gonorrhoe des Mannes [München] 28p. 8°. Dortmund, 1933.

GERSTER, S. *Statistische Mitteilungen über Komplikationen der männlichen Gonorrhoe an der Universitätshautklinik in Erlangen während der Jahre 1925 bis 1930. 20p. 8°. Erlangen, 1931.

KREIS, R. *Ueber Gonorrhoe, deren Komplikationen und Therapie. 23p. 8°. Marb., 1926.

LIENING, M. *Epididymitis und Arthritis als Komplikationen bei der Gonorrhoe des Mannes und ihre Behandlung (nach den Erfahrungen der letzten drei Jahre an der Universitätshautklinik Köln) 27p. 22cm. Köln, 1936.

PERUTZ, A. Die Harnröhrongonorrhoe des Mannes und ihre Komplikationen. 104p. 8°. Wien, 1931.

Campbell, M. F. Complications of gonorrhea: periurethral abscess, stricture, arthritis. *Am. J. Surg.*, 1931, n. ser., 12: 277-81. Also repr.—**Damblé, K.** Ueber seltene Fernkomplikationen bei Gonorrhoe. *Zschr. klin. Med.*, 1933, 124: 388-97.—**Dorsey, T. M.** Gonorrhea and its complications in the female. *Urol. Cut. Rev.*, 1927, 31: 216-22.—**Faludi, F.** [Gonorrheal diseases of internal organs] *Budapesti orv. ujs.*, 1932, 30: 217-23.—**Fekete, S.** [Gonorrhea: complications in women] *Ibid.*, 1929, 27: 481-93.—**Ferguson, B.** Complications of gonorrhea. *Med. World*, 1936, 54: 44.—**Geiger, R.** Ueber seltene gonorrhoeische Komplikationen. *Derm. Zschr.*, 1930, 59: 223-9.—**Gibson, A. G.** Some of the more remote complications of gonorrhea. *Brit. J. Vener. Dis.*, 1927-28, 4: 249-71.—**Godwieski, E.** Sur les complications de la blennorrhagie génitale dues aux adhérences plastiques chez la femme ménopausée. *Rev. fr. gyn. obst.*, 1938, 33: 669-71.—**Hand, J. R.** Diagnosis of medical and surgical complications of gonorrhea. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 286-91.—**Hibbs, D. K., & Shrop-shear, G.** Genito-infectious lesions in the male, complicated

by gonorrhea. *Proc. Inst. M. Chicago*, 1940-41, 13: 179.—**Kiene, E.** Ueber die Pathogenese gonorrhoeischer Komplikationen. *Arch. Derm. Syph., Berl.*, 1928, 156: 663-76.—**Klingmüller.** Die komplizierte Gonorrhoe des Mannes. *Zbl. Haut. Geschlkr.*, 1936, 53: 523.—**Levant, D., & Mkrtichiantz, A.** [Causes of gonorrheal complications] *Mosk. med. J.*, 1927, 7: 7, 62-5.—**Mollá, V. M.** Sobre algunas complicaciones indirectas de la blenorragia. *Siglo méd.*, 1927, 74: pt 2, 29-33.—**Nieuwenhuys, J.** Einige Bemerkungen über Komplikationen bei der Gonorrhoe. *Arch. Derm. Syph., Berl.*, 1936, 174: 166-70.—**Pratsicas, A.** Contribution à l'étude des manifestations viscérales de la gonococcie (endocardite, pneumonie) *Paris méd.*, 1928, 67: 521-8.—**Pugh, W. S.** Gonorrhea: its complications in children. *J. Med. Pract.*, 1936, 1: 22-4.—**Rubi, R. A.** Las complicaciones de la blenorragia. *Dia méd., B. Air.*, 1939, 11: 810-3.—**Russell, A. R.** The complications of gonorrhea. *J. Oklahoma M. Ass.*, 1939, 32: 84-7.—**Salleras, J., Álvarez Colodrero, W., & Di Lella, P.** Complicaciones agudas de la blenorragia; nuestra estadística. *Rev. espec., B. Air.*, 1928, 3: 457-60.—**Saxl, O.** Seltene Komplikationen der Gonorrhoe im Säuglingsalter. *Med. Klin., Berl.*, 1936, 32: 1534-7.—**Spink, W. W., & Keefer, C. S.** The renal and dermatologic complications of gonococcal infections. *N. England J. M.*, 1937, 217: 241-6.—**Strohm, J. G.** Incidence of complications of gonorrhea. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 283-5.—**Woods, R. S.** Certain metastatic complications of gonorrhea. *Brit. J. Vener. Dis.*, 1935, 11: 157-67 [Discussion] 168-76.

Complication: Prevention and treatment.

See also other more specific subheadings.

Bernstein, B. Gonorrhoea in the male; some complications and their treatment. *Med. J. S. Africa*, 1925-26, 21: 301-5.—**Caporale, L.** Su alcune complicazioni della blenorragia; nuove direttive e moderni mezzi terapeutici. *Ann. med. nav., Roma*, 1939, 45: 536-43.—**Dracianu, B.** [Vaccino-pyretotherapy in gonococcal complications] *România med.*, 1934, 12: 271.—**Dumas, R.** Résultats très favorables du traitement par la gonacrine dans 3 cas de complications blennorrhagiques. *Bull. Soc. path. exot., Par.*, 1928, 21: 487-9.—**Goldstein, A. E.** Surgical complications in the treatment of gonorrhea; indications and methods. *J. Am. M. Ass.*, 1935, 104: 800-5.—**Guldberg, G.** Versuche mit intramuskulärer Schwefelbehandlung bei gonorrhoeischen Komplikationen. *Derm. Wschr.*, 1935, 101: 1619-24.—**Hecht, H.** Die Verhütung gonorrhoeischer Komplikationen beim Manne. *Wien. med. Wschr.*, 1936, 86: 613.—**Herrold, R. D.** The treatment of acute complications of gonococcus and postgonococcus infections with calcium gluconate. *Vener. Dis. Inform.*, 1930, 11: 55-62.—**Hogarth, W. P.** The treatment of the complications of gonorrhea met with in private practice. *Urol. Cut. Rev.*, 1933, 37: 331-5.—**Kabatschnik, S.** Die Elektrotherapie bei Komplikationen der Gonorrhoe. *Zschr. Urol.*, 1926, 20: 808-17.—**Mendlowicz, L.** Terpentiniol-Injektionen, insbesondere bei Komplikationen männlicher Gonorrhoe. *Aerzil. Rdsch.*, 1928, 38: 9.—**Oláh, D.** [Intravenous injections of copper sulphate in treatment of gonorrheal complications] *Orv. hetil.*, 1929, 73: 497.—**Palminiello, P.** La piretoterapia nella complice gonococciche. *Riforma med.*, 1936, 52: 695-8.—**Pelouze, P. S.** The treatment of the complications of gonorrhea in the male. *Med. Clin. N. America*, 1936-37, 20: 147-59.—**Philipsen, K.** [Chemotherapeutic diathermy, a new method of treating gonorrheal complications] *Hospitalstidende*, 1930, 73: [Med. Selsk. Fyens Stifts Forh.] 1-4.—**Porudominsky, I. M.** [Basic principles in the treatment of gonorrheal complications at the State Venerological Institute] *Sovet. vest. vener.*, 1934, 3: 542-55.—**Radó, B.** [Parental sulphur therapy in gonorrheal complications] *Orv. hetil.*, 1927, 71: 842-4.—**Rajka, O., & Halász, G.** [Sulphur injections in the treatment of gonorrheal complications in men] *Gyógyászat*, 1926, 66: 1041-4.—**Rubritius, H.** Behandlung gonorrhoeischer Komplikationen. *Wien. klin. Wschr.*, 1928, 41: 700-2.—**Saigrajeff, M. A., & Porudominsky, I. M.** Lokale Harnröhrenbehandlung bei Komplikationen der Gonorrhoe. *Derm. Wschr.*, 1927, 84: 63-6.—**Sandes, G. M.** The treatment of acute gonorrhoea with special reference to the prevention of complications in the female. *Clin. J., Lond.*, 1933, 62: 431.—**Scheffelaar Klotz, T.** [Diathermy in some complications of gonorrhea] *Geneesk. gids*, 1928, 6: 36; 51.—**Szentkirályi, S. von.** Die Behandlung der gonorrhoeischen Komplikationen mit Paraamidobenzolsulfamid-Präparaten. *Derm. Wschr.*, 1938, 107: 1371-6.—**Szira, Z.** [Ichthyol for complications of gonorrhea] *Orv. hetil.*, 1934, 78: 196.—**Wolbarst, A. L.** The prevention of complications in male gonorrhea. *Urol. Cut. Rev.*, 1935, 39: 628-31.

Control.

See Gonorrhea, Public health aspect.

Course.

Baker, B. M., jr., & Carter, E. P. Three instances of unusual gonococcal infection. *Bull. Johns Hopkins Hosp.*, 1932, 50: 57-75.—**Bertoloty, R.** Blennorrhagie atypiques. *Med. Ibera*, 1933, 27: pt 2, 145-8.—**Also Urol. Cut. Rev., 1933, 37: 612-5.—**Claudian, J., & Petresco, V.** Angine prémonitoire dans certaines gonococcies à déterminations articulaires. *Ann. méd., Par.*, 1935, 37: 374-81.—**Course** (The) of gonorrhea in the**

male. Clin. J., Lond., 1939, 68: 169.—**Doğru Soy, R.** Two cases of gonococcal infection] Askeri silihiye mecmuasi, 1936, 65: 51.—**Heiner, L. von.** Zur Frage: Schwankungen im Verlauf der Gonorrhoe. Derm. Wschr., 1930, 91: 1253-6.—**Jost, J.** Ein Fall von akuter Gonorrhoe des Mannes mit ungewöhnlichem Verlaufe. Ibid., 1932, 95: 1294.—**Juškys, V.** [Rare case of gonorrhoeal infection] Medieina, Kaunas, 1930, 11: 846.—**Kalindéro, N.** Les manifestations spinales de la blennorrhagie. Roumanie méd., 1899, 7: 20-30.—**Madsen, A.** Du cours de la blennorrhagie chez l'homme; expériences provenant de la clientèle privée. Acta dermat. vener., Stockh., 1939, 20: 117-34.—**Nicoletti, G.** Rara localizzazione gonococcica. Clin. ostet., 1938, 40: 287-92.—**Pugh, W. S.** Systemic manifestations of gonorrhoea. Urol. Cut. Rev., 1930, 31: 529-32.—**Sheppard, T. T.** Gonorrhoeal infection with rare manifestations. Atlantic M. J., 1926-27, 30: 165.—**Stefanini, F.** L'œux syndrome appendiculaire ayant précédé l'écllosion d'une blennorrhagie aiguë. Arch. mal. reins, 1934, 8: 587-94. Also J. urol. méd., Par., 1934, 38: 266.—**Stimpke, G.** Schwankungen im Verlauf der Gonorrhoe. Derm. Wschr., 1930, 90: 583-6.—**Valerio, A.** Certos pruridos ano-rectales e a blenorragia chronica. Arch. brasil. med., 1931, 21: 405-7. **Zhitov, G. K.** [A clinical case of formes frustes gonorrhoea in woman] Odess. med. J., 1928, 3: 626-8.

Cowper's gland.

Drummond, A. C. Vaccine as an aid to surgery in cases of cowperitis complicating gonorrhoea. Urol. Cut. Rev., 1938, 42: 888.—**Giusburg, A. S.** [Chronic cowperitis in gonorrhoea] Vener. dermat., Moskva, 1931, 8: 54-7.—**Riem, H.** Cowperitis chronica gonorrhoea. Zschr. Urol., 1929, 23: 111-4.—**Schischow, L. F., & Smirnov, N. A.** Chronische gonorrhoeische Entzündungen der Cowperschen Drüsen. Ibid., 1926, 20: 241-6.—**Sklarz, E.** Ueber die chronische Cowperitis gonorrhoea. Derm. Wschr., 1928, 87: 1380-2.

Cure.

Abraham, J. J. Marriage and gonorrhoea. Brit. J. Vener. Dis., 1926, 2: 338-54. [Discussion] 355-61.—**Aja, S. de.** El factor sexual en la cura de gonococia. Siglo méd., 1929, 84: 349.—**Almkvist, J.** Thesis on the healing of gonorrhoea. Acta dermat. vener., Stockh., 1925, 6: 355-88.—**Beach, E. W.** The cure of gonorrhoea; an immunologic problem. California West M., 1939, 51: 100-5.—**Bucher, C. J.** When is gonorrhoea cured? Pennsylvania M. J., 1932, 35: 690.—**Gaudig, H.** Wann ist eine Gonorrhoe als endgültig geheilt anzusehen? Aerzt. Rdsch., 1933, 43: 185-7.—**Heiner, L.** [Various stages of gonorrhoeal virulence] Gyógyászat, 1930, 70: 573.—**Henry, R.** De la guérison de la blennorrhagie. J. méd. fr., 1926, 15: 121-4.—**Herráiz Ballester, L.** Sobre el límite del poder infectante de la blenorragia. Arch. med., Madr., 1934, 37: 172-82.—**Klima, F.** [Is a woman with gonorrhoea a noli me tangere?] Cluj. med., 1937, 18: 526-34.—**Kochetov, B. P.** [Duration of presence of gonococcus in the human body] Vest. vener., 1937, No. 8, 849.—**La Peña, E. de, & La Peña, A. de.** Sobre la curación espontánea y el tratamiento de la blenorragia. Arch. med., Madr., 1935, 38: 690-5.—**Ledegack, S.** Sur un cas de guérison spontanée de blennorrhagie chronique. Presse méd. belge, 1870-71, 23: 245.—**Mariassin, S. L.** [Standard of cure of gonorrhoea in men] Voenn. med. J., Moskva, 1933, 4: 110-7.—**Myar, J. K.** Bestehen Korrelationen zwischen Körperzustand und Heilungsdauer bei der Gonorrhoe? Münch. med. Wschr., 1929, 76: 2005.—**Micheli, C.** Guarise la blenorragia? Umbria med., 1940, 20: 3663-5.—**Papitov, M.** [Cure of female gonorrhoea] J. akush., 1928, 39: 50-60.—**Pelouze, P. S.** Gonorrhoea is curable. Weck. Roster, Phila., 1937, 32: 1503-5.—**Picker, R.** Die Heilung des Trippers im Lichte der Adnexpathologie. Zschr. Urol., 1939, 33: 58.—**Proppe, A.** Therapeutische Untersuchungen und Selbstheilungsvorgänge bei der Gonorrhoe. Derm. Wschr., 1933, 68: 179-86.—**Spontanheilung der Gonorrhoe im Kindesalter.** Ibid., 1934, 69: 185-91.—**Richter, W.** Gonorrhoe and Ehe. Zbl. Gyn., 1937, 61: 721. Also Zschr. Urol., 1937, 31: 1-6.—**Scholtz, W.** Ueber Gonorrhoebehandlung und Gonorrhoeheilung. Deut. med. Wschr., 1929, 55: 1287-9.—**Sinha, K.** Some hints on the standard of cure of chronic gonorrhoea in the male. Ind. M. Rec., 1929, 49: 354-7.—**Whitney, C. M.** The persistent urethral discharge and its relationship to marriage. Boston M. & S. J., 1927, 196: 136-41.—**Zieler, K.** Zur Frage der Heilung des Trippers. Wien. med. Wschr., 1926, 76: 949-51.

Cure: Criteria and provocative tests.

BARSOFF, W. K. *Ueber Provokations-Methoden bei weiblicher Gonorrhoe mit Ueber-sicht der Ergebnisse in den letzten 5 Jahren an der Münchener Universitäts-Klinik für Haut- und Geschlechtskrankheiten. 17p. 8°. Münch., 1927.

BERTHOUD, P. *De l'utilisation, au cours du traitement de la blennorrhagie féminine, de quelques épreuves de réactivation et plus particulièrement du test au gynergène. 46p. 24cm. Lausanne, 1939.

Also Ann. mal. vénér., 1939, 34: 449-502.

CHAMPRENAUD, F. *De la guérison de la blennorrhagie masculine contrôlée par le test à la pilocarpine [Lausanne] 30p. 24½cm. Troyes, 1937.

Also Ann. mal. vénér., 1936, 31: 801-29.

DICKHOFF, F. F. *Zur Diagnose der weiblichen Gonorrhoe und ihrer Heilung. 23p. 8°. Freib. [1926]

LUX, G. *Ueber Ergebnisse der Provokationsmethoden bei der Gonorrhoe der Frau. 16p. 23cm. Bresl., 1937.

RUNCK, K. H. *Ueber die Zuverlässigkeit der Provokationen mit Wasserstoffsuperoxyd und Lugol'scher Lösung zur Feststellung der Heilung der männlichen Gonorrhoe [Münster] 18p. 8°. Ludwigshafen a. Rh., 1930.

SCHNEIDER, E. *Ueber die Zuverlässigkeit der Lugol-Reizung gegenüber den anderen Provokationsmethoden bei Feststellung der männlichen Gonorrhoe. 20p. 8°. Münch., 1927.

Abramowski, H. Gedanken über das Problem der Gonorrhoeheilung. Fortsch. Med., 1927, 45: 247.—**Adler, E.** Wasserstoffsuperoxyd als Provokationsmittel in der Therapie der Gonorrhoe und zur Feststellung der Heilung. Derm. Zschr., 1932, 64: 178-80.—**Alvarez Sáinz de Aja, E., & Ontañón, J.** Serpiginismo gonocócico (caso clínico) Progr. clín., Madr., 1928, 36: 129.—**Barbellion, P.** Diagnostic bactériologique de guérison de la blennorrhagie chez la femme. Rev. fr. gyn. obst., 1932, 27: suppl., 534-7.—**Diagnostic bactériologique de guérison de la blennorrhagie masculine.** J. urol. méd., Par., 1937, 44: 69.—**Bertoloty, R.** Prueba de la curación de la blenorragia en el hombre. Med. ibera, 1927, 21: 177-80.—**Bleier, A., & Kaplan, M.** Beitrag zur Methodik der Provokation bei der weiblichen Gonorrhoe (nebst Bemerkung zur Biologie des Gonokokkus) Derm. Wschr., 1938, 106: 471-6.—**Boss, A.** Ueber die (pharmakologische) Provokationsprobe mit Pilocarpin bei der gonorrhoeischen Urethritis. Ibid., 1930, 91: 1055.—**Brodie, E. L.** Criteria of diagnosis and cure of gonorrhoea. Med. Rec., N. Y., 1936, 143: 488.—**Burger, W.** Zur Erfassung der Ansteckungsquellen und zur Frage der Feststellung der Heilung beim Tripper des Weibes. Derm. Wschr., 1938, 107: 1005-16.—**Caspary, H.** Beitrag zur Feststellung der Heilung der Genitalgonorrhoe. Med. Klin., Berl., 1932, 28: 188.—**Condry, R. J.** When is gonorrhoea cured? West Virginia M. J., 1929, 25: 91.—**Cox, O. F., McDermott, M., & Hinton, W. A.** Evaluation of smear and cultural methods for detecting the gonococcus in males treated with sulfanilamide. Tr. Am. Neisser. M. Soc., 1939, 5: 79-82.—**Cube, F. von.** Weibliche Gonorrhoe und ärztliches Gesundheitsattest. Med. Korb. Württemberg, 1929, 99: 100.—**Dombrovsky, B. R.** [Grigor'ev-Rapport reaction in gonorrhoeal] Vest. vener., 1936, No. 8, 842.—**Gans, O.** Harnröhrensekret- und Floekenuntersuchung im Anschluss an intravenöse Arthigoninjektion zur Feststellung der Gonorrhoeheilung. Deut. med. Wschr., 1916, 42: 479-81.—**Geyer, H.** Ueber die Notwendigkeit der Reizuntersuchung und den Wert der verschiedenen Reizverfahren zur Feststellung der Heilung beim Tripper des Mannes. Derm. Wschr., 1934, 99: 1324-30.—**Glingar, A.** Wann kann die männliche Gonorrhoe als geheilt betrachtet werden? Wien. klin. Wschr., 1926, 39: 1267.—**Goligorsky, S.** Sur un procédé personnel pour juger de la guérison d'une uréthrite gonococcique. J. urol. méd., Par., 1937, 44: 71.—**Hammer.** Wann ist eine Gonorrhoe bei beiden Geschlechtern als geheilt zu betrachten? Aerzt. Rdsch., 1927, 37: 162.—**Jacoby, A.** Criteria for cure in gonococcal infection. Tr. Am. Neisser. M. Soc., 1939, 5: 161-3.—**Jadassohn, J.** Feststellung der Heilung der Gonorrhoe. Med. Klin., Berl., 1931, 27: 609-11.—**Jausion & Diet.** La gono-réaction de Rubinstein et Gauran; contrôle de la thérapeutique antigonococcique et de la guérison des blennorrhagies. Bull. Soc. fr. dermat. syph., 1926, 33: 509-15.—**Kanter, S. I., Popova, A. V., & Posselskaia, T. I.** [Gonococcal culture in treatment of gonorrhoea in women] Akush. gin., 1937, No. 5, 81-4.—**Khrapkovskaia, N. S., & Jacobi, E. A.** [Vaginal fangothérapie as a provocative method in diagnosis of cure of gonorrhoea] Vest. vener., 1937, No. 9-10, 958-60.—**King, A. J.** The criteria of cure of gonorrhoea in the male. J. Am. M. Ass., 1935, 104: 178-81.—**Kjellberg, G.** Wann ist eine weibliche Gonorrhoe als geheilt anzusehen? Acta dermat. vener., Stockh., 1937, 18: 335-7.—**Klein, O.** Die pharmakologische Provokationsprobe bei der Urethritis anterior. Derm. Wschr., 1929, 89: 1094-7.—**Ueber die Wasserstoffionenkonzentration der männlichen Harnröhre; eine physikalisch-chemische Reizprobe für die Urethritis gonorrhoea.** Ibid., 1931, 92: 771-5.—**Kochetov, B. P.** Gusev, A. E. [et al.] [Criteria of the cure of gonorrhoea] Sovet. vrach. J., 1937, 41: 1071-9.—**Lambkin, E. C., Dimond, L., & Robertson, W. J.** A preliminary report on the employment of certain constituents of the gonococcus in the treatment of gonorrhoea and of other constituents in tests of cure. J. R. Army M. Corps, 1927, 48: 161-74.—**Levin, E.** Die Provokationsmethoden beim Tripper; ihre Bedeutung für die Diagnose und die Feststellung der Heilung. Med. Welt, 1931, 5: 1167-70.—**Lewin, J. M., Lewin, M. M., & Fink, M. I.**

- Zur Diagnostik der Heilung der Gonorrhoe. *Derm. Zschr.*, 1936, 73: 201-3.—**Lux**. Die Provokationsmethoden bei der Gonorrhoe der Frau. *Zbl. Gyn.*, 1938, 62: 265.—**Mansour, M.** Diagnostic de la guérison de la blennorrhagie. *Paris méd.*, 1935, 95: 190-200.—**Marcel, J. E.** Suite de la discussion de la communication de M. Bender: à propos du critérium de la guérison de la blennorrhagie chronique chez la femme. *Rev. fr. gyn. obst.*, 1932, 27: suppl., 153; 538.—**Marselos, V.** Nouveau traitement d'épreuve de la blennorrhagie. *J. urol. méd.*, Par., 1927, 23: 237-40.—**Maus, M.** Die Bedeutung der Untersuchung während der Monatsblutung für die Erkennung und für die Feststellung der Heilung beim Tripper des Weibes. *Derm. Wschr.*, 1939, 108: 437-44.—**Mayr, J. K.** Wann ist die Gonorrhoe beim Manne geheilt? *Msch. Harnkr. sex. Hyg.*, 1927, 1: 104-10. — Zur Frage der gonorrhoeischen Provokation. *Derm. Wschr.*, 1930, 91: 1445-7.—**Milhaud**. Tests de guérison des infections gonococciques. *J. méd. Paris*, 1936, 56: 316.—**Mulzer, P.** Die Feststellung der endgültigen Heilung der Gonorrhoe und neue Gesichtspunkte für ihre Behandlung. *Med. Welt*, 1932, 6: 771; 947.—**Nemser, M. M.** Gonorrhea in the male: a standard of cure. *Urol. Cut. Rev.*, 1935, 39: 631-3.—**Ohya, Z., & Morimoto, S.** Méthode de provocation pharmacutique de l'urétrite dans la blennorrhagie chronique. *Acta derm.*, Kyoto, 1931, 18: 14-6.—**Pankratov, M. A.** [Diagnostic value of 3 methods of provocation] *Vener. derm.*, Moskva, 1931, 8: 72-6.—**Pelouze, P. S.** The treatment and criteria of cure of gonococcal infections in the male. *J. Lancet*, 1936, 56: 307-11.—**Pineau, M.** Des méthodes actuelles qui servent à prouver la guérison de la blennorrhagie. *Rev. path. comp.*, Par., 1920, 20: 131; 161; 186; 1922, 22: 330.—**Pruzhansky, A. I.** [Criterion of complete cure of gonorrhea in men] *Vener. derm.*, Moskva, 1931, 8: 56-60.—**Rambo, W. H.** Evidences of cure of gonorrhea in the male. *California West. M.*, 1937, 47: 111.—**Ramel, E., & Berthoud, P.** Une nouvelle méthode de provocation des blennorrhagies féminines: le test au Néo-Gynergène. *Schweiz. med. Wschr.*, 1939, 69: 475-7.—**Rosenfeld, G. E., & Bruk, G. B.** [Leucopenia as a criterion of cured gonorrhea in men] *Sov. vest. vener.*, 1934, 3: 473-8.—**Rosov, A. F.** [Problem of cure in the treatment of gonorrhea in men] *Vener. derm.*, Moskva, 1929, 6: 52-62.—**Scaparoni, G.** Sulla riattivazione della blennorrhagie latente con l'iniezione endovenosa di alcool. *Gior. ital. derm. sif.*, 1936, 77: suppl., 37.—**Schereschewsky, J.** Gonorrhoe-provokation. *Deut. med. Wschr.*, 1930, 56: 272.—**Schmidt-La Baume, F., & Lehmann, W.** Der Wert submenstrueller Untersuchungen bei der Bekämpfung der Gonorrhoe. *Derm. Wschr.*, 1939, 108: 581-6.—**Schmidt-La Baume, F., & Wetzel, L.** Zur Frage der Bedeutung der Menstruationspräparate als Heilungskriterium der Frauengonorrhoe. *Ibid.*, 1937, 105: 1201-4.—**Schüssler, D.** Zur Reizuntersuchung nach männlicher Gonorrhoe. *Münch. med. Wschr.*, 1938, 85: 513; 1358.—**Siemens.** Vergleichende Untersuchungen über die Wirksamkeit verschiedener Provokationsmethoden bei der Gonorrhoe. *Ibid.*, 1927, 74: 1912-4.—**Stühmer, A.** Zur Kritik der Gonorrhoe-provokation. *Deut. med. Wschr.*, 1930, 56: 1203-7. — Zur Kritik der Heilung einer Frauengonorrhoe. *Zbl. Haut Geschlkr.*, 1936, 54: 302-4. — Die praktische Handhabung einer mikroskopisch überwachten Gonorrhoebehandlung; wie lang muss behandelt werden? *Heiratsurlaub.* *Med. Welt*, 1938, 12: 1770; 1805.—**Struve, W.** Kritische Bemerkungen zur Gonorrhoe und ihrer Heilung. *Ibid.*, 1930, 4: 633-5.—**Valerio, A.** Desblennorrhagismo. *Brasil med.*, 1929, 43: 311.—**Valverde, B.** A cultura do espermatozoides auto-vacina no diagnóstico e tratamento da blennorrhagia chronica. *Rev. brasil. med. pharm.*, 1925, 1: 302-11.—**Weinberger, F.** Wann kann man eine Gonorrhoe als geheilt betrachten? *Vereinsbl. pädz. Aerzte*, 1926, 38: 299; 320.—**Wharton, L. R.** The criteria of cure of gonococcal infections in women. *Am. J. Syph.*, 1937, 21: 593-608.—**Wishengrad, M.** Determination of cure in gonorrhea in the male. *Urol. Cut. Rev.*, 1933, 42: 103.—**Young, H. McC.** A routine method of determining the complete cure of gonorrhea in the male. *J. Urol.*, Balt., 1926, 15: 313-23.—**Zaigraev, M. A.** [Criterion of cure of gonorrhea in men] *Vener. derm.*, Moskva, 1930, 7: 37-46.—**Zieler.** Zur Reizuntersuchung beim Tripper. *Derm. Wschr.*, 1939, 108: 368.—**Zollschan, J.** Kilduffe's article concerning the standard of cure in gonorrhea. *Med. J. & Rec.*, 1927, 125: 116. Also repr.
- **Diagnosis.**
- See also subheadings Allergy; Discharge; Immunology, &c.
- PICKER, R.** Die topische Diagnose der chronischen Gonorrhoe und anderen bakteriellen Infektionen in den Harn- und Geschlechtsorganen des Mannes; zugleich ein Beitrag zur Pathologie und Bakteriologie der Gonorrhoe des Mannes. 54p. 8°. Berl., 1909.
- Bertoloty, R.** La importancia del diagnóstico etiológico en la gonorea. *Siglo méd.*, 1927, 74: 6-8.—**Bosellini, P.** La diagnosi di gonococco. *Rass. clin. sc.*, 1936, 14: 55-7.—**Burns, E.** Diagnosis and treatment of gonorrhea. *N. Orleans M. & S. J.*, 1938, 91: 12-5.—**Chauduri, A.** Difficulties in diagnosis of gonococcal infection from exudates. *Ind. J. Vener. Dis.*, 1935, 1: 69.—**Chisholm, C. A.** Diagnosis and treatment of gonorrhea in the male. *Univ. Toronto M. J.*, 1933, 10: 188-95.—**Deakin, R.** New facts regarding the diagnosis and treatment of gonorrhea. *Week. Bull. S. Louis M. Soc.*, 1939-40, 34: 182-5.—**Dobszay, L.** Autoskopisches Verfahren in der Diagnostik der kindlichen Gonorrhoe. *Arch. Kinderh.*, 1933, 100: 37-46.—**Franck, G.** Blennorrhagie gonococcique et non gonococcique. *Ann. mal. vénér.*, 1933, 28: 1-10.—**Frühwald, R.** Pseudogonorrhoe. In *Handb. Haut & Geschlkr.* (A. & G. Alexander) Berl., 1927, 21: 478-527.—**Gruzdev, G. N.** [Diagnostic errors in gonorrhea] *Sov. vrach.*, 1938, 42: 121-4.—**Guépin.** Dépistage des blennorrhagies latentes par la méthode directe de Guépin. *Vie méd.*, 1926, 7: 707.—**Hausdorf, G.** Beitrag zur Diagnose gonorrhoeischer Erkrankungen und deren Folgezustände. *Deut. Aerzte Ztg.*, 1935, 10: No. 416.—**Izquierdo Laguna, S.** Contribución al estudio del diagnóstico de la blenorragia. *Arch. med.*, Madr., 1930, 33: 121-6.—**Lambkin, E. C.** Diagnosis and treatment of gonorrhea. *Med. Press & Circ.*, Lond., 1926, n. ser., 122: 491.—**Leyberg, J.** Zur Feststellung der chronischen Bulbusgonorrhoe: Bulbusirrigationsprobe und Bulbusendoskopie. *Derm. Wschr.*, 1930, 90: 341-4.—**Management (The) of gonorrhea; the clinical diagnosis of gonorrhea.** *N. England J. M.*, 1934, 211: 21-6.—**Mayer, G.** Zur Diagnostik der Gonorrhoe; die Hauptursache für das Gleichbleiben der Gonorrhoeziffer. *Zschr. ärztl. Fortbild.*, 1935, 32: 226.—**Rubi, R. A.** Diagnóstico de la blenorragia. *Dia méd.*, B. Air., 1939, 11: 660-2.—**Schindeldkraut, B. I.** [Diseases of the urogenital tract mistaken for gonorrhea and treated accordingly] *Sov. vrach. gaz.*, 1934, 38: 1436-9.—**Temesváry, M.** Vergleichende Untersuchungen zur Gonorrhoe-diagnostik. *Deut. med. Wschr.*, 1927, 53: 1426.
- **Diagnosis, bacteriological.**
- See also subheadings of *Gonococcus* (Cultivation; Identification; Staining)
- PANZER, G.** *Ueber die Wichtigkeit des Gonokokken-Nachweises beim Manne sowohl im Urinsediment als auch in den Fäden bei negativem Befund in den Urethralabstrichen. 25p. 8°. Erlangen, 1931.
- Bowman, W. M.** A preliminary report on the significance of Neisserian smears from the prostate and seminal vesicles. *Virginia M. Month.*, 1934, 61: 519-22.—**Cajkovac, S.** [On the so-called keratinized cells in the gonogram] *Liječ. vjes.*, 1940, 62: 142-4.—**Fiorio, C., & Re, C.** L'impiego degli animali di laboratorio nella diagnostica della gonococcosi. *Atti Congr. naz. microb.*, 1937, 6. Congr., 484-502. — L'emploi des animaux de laboratoire pour la diagnostic de la gonococcosi; la conjonctivite des lapins et l'urétrite des rats albinos. *Boll. Sez. ital. Soc. internaz. microb.*, 1937, 9: 299-303.—**Flesch, M.** Zur Bewertung der Kokkenbefunde bei Urethritiden (prinzipielle Fragen zur Gonorrhoe-forschung) *Münch. med. Wschr.*, 1929, 76: 281.—**Gibbons, R. J.** The cultural method for detecting residual gonococcal infection. *Canad. Pub. Health J.*, 1937, 28: 450-5.—**Gillick, F. G., Sulkin, S. E., & Stephens, L. J.** A common error in obtaining specimens for the cultural diagnosis of gonococcal infection in women. *Vener. Dis. Inform.*, 1940, 21: 288-90.—**Gutfeld, F. von.** Bakteriologische Diagnose der Gonorrhoe beim Kinde. *Kinderärztl. Prax.*, 1931, 2: 394-6.—**Hughes, F. A.** El diagnóstico de gonococo en los procesos uretrales del hombre. *Arch. urug. med.*, 1934, 4: 620-5.—**Identification (The) of gonococci in complications of gonorrhea.** *Canad. M. Ass. J.*, 1939, 40: 274.—**Joachimovits, R.** Wie lange lassen sich Gonokokken in eingetrockneten Vaginalbeziehungswäsche Cervicalsekreten mit Sicherheit nachweisen? *Zbl. Gyn.*, 1928, 52: 1780-2.—**Jondeau, B., & Stephanovitch, P.** Valeur de la spermoculture et de la gonoréaction comme tests de guérison de la blennorrhagie chez l'homme. *Rev. fr. derm. vénér.*, 1934, 10: 323-34.—**Jones, W. R.** Sulfanilamide may revolutionize laboratory identification of gonococci. *Am. J. Syph.*, 1938, 22: 349-54.—**Leibfreid, D. M.** The diagnostic importance of the examination of the semen in gonorrhea. *Urol. Cut. Rev.*, 1926, 30: 577-81.—**Orlowski, Die Sperma-kultur der Gonokokken.** *Zschr. Urol.*, 1926, 20: 585-8.—**Peniche Cantón, R.** Investigación bacteriológica por siembras (espermocultivos, urinocultivos) en los casos dudosos de uretritis gonococcica. *Rev. méd. Yucatán*, 1937-38, 19: 161-6.—**Polónyi, P.** [Microscopic diagnosis of gonorrhea] *Gyógyászat*, 1932, 72: 777. Also *Wien. med. Wschr.*, 1934, 84: 1237.—**Puglisi, V.** Influenza della mestruazione sulla ricerca sulla del gonococco. *Rinasc. med.*, 1937, 14: 659.—**Quevedo, A.** Diagnóstico microscópico de la gonorrhea aguda. *Medicina, Méx.*, 1935, 15: 407-11.—**Rüther, H.** Zur Einführung der Go-Kultur in die Frauenheilkunde. *Geburtsh. & Frauenh.*, 1939, 1: 276-87.—**Schlirf, K.** Ueber die Bedeutung bakteriologisch-serologischer Untersuchungen für die Erkennung und Bekämpfung des Trippers. *Münch. med. Wschr.*, 1934, 81: 290-2.—**Sirota, L. S., & Tschernobulski, S. W.** The diagnostic value of a cytological examination of blood and pus, and of the pH determination in pus, in the treatment of gonorrhea in children. *Urol. Cut. Rev.*, 1934, 38: 798-800.—**Trifiletti, I.** La diagnosi batteriologica nella blenorragia urogenitale femminile. *Med. prat.*, Nap., 1930, 15: 297-303.—**Weissenbach, R. J., & Perlés, L.** Les critères bactériologiques et biologiques du rhumatisme gonococcique. *Rev. méd.*, Par., 1939, 56: 232-9.—**Wilde.** Der Wert des mikroskopischen Untersuchungsverfahrens zur Feststellung der unbehandelten Gonorrhoe. *Derm. Wschr.*, 1939, 109: 849.—**Zündel, W.** Zur mikroskopischen Diagnose der Gonorrhoe. *Münch. med. Wschr.*, 1936, 83: 1630-2.

— **Diagnosis: Gonotest.**

DEUERLING, J. *Die Bedeutung der Danin'schen Gonotest-Reaktion für die Diagnose der weiblichen Gonorrhoe [Erlangen] 25p. 8°. Bamberg, 1928.

WERMBTER, W. *Gibt die Reaktion des Vaginalschleimes Anhaltspunkte für die Heilung der Gonorrhoe? [München] 30p. 8°. Ortelsburg, Ostpr., 1925.

Bienenfeld, B. & Eckstein, I. Zur diagnostischen Verwertung des Gonotestfingerlings bei der weiblichen Gonorrhoe. *Wien. med. Wschr.*, 1926, 76: 544-50.—Bruck & Rehn. Erfahrungen über die Verwertbarkeit der Scheidensekretreaktion für die Diagnose der Gonorrhoe. *Arch. Derm. Syph.*, Berl., 1926, 151: 176.—Caffier, P. Untersuchungen mit Gonotest. *Zbl. Gyn.*, 1926, 50: 171-80.—Dahmen, O. Ist die Prüfung der Reaktion des Scheidensekretes mittels des sogenannten Gonotest Julia zur Diagnose der Gonorrhoe verwertbar? *Msehr. Harikr. sex. Hyg.*, 1927, 1: 53-5.—Derchinsky, G. D. [Diagnosis of female gonorrhoe (Danin method)] *J. akush.*, 1927, 38: 46-52.—Heyn, A. Ueber Säuremessungen im Scheidensekret bei zervikaler Gonorrhoe und den diagnostischen Wert der Gonotestreaktion. *Münch. med. Wschr.*, 1927, 74: 1017-9.—Leipold, W. Zur Bewertung der Scheidensekretreaktion bei der Feststellung des Trippers und seiner Heilung. *Ibid.*, 25.—Pflanz, V. Ist das Danin'sche Hilfsmittel zur Diagnose der weiblichen Gonorrhoe (Gonotest) für die Kontrolluntersuchungen der Prostituierten brauchbar? *Ibid.*, 1926, 73: 653.—Rehn, C. L. Erfahrungen über die Verwendbarkeit der chemischen Reaktion des Scheidensekretes für die Diagnose der Gonorrhoe. *Ibid.*, 1925, 72: 2011-3.—Rottmann, H. G. Ist mit dem Gonotest Julia eine Vereinfachung oder Verbesserung der Diagnose der weiblichen Gonorrhoe zu erreichen? *Derm. Wschr.*, 1926, 83: 1174-7.—Schultze-Rhönhof, F. & Rachtl, E. Ueber den Wert der chemischen Reaktion des Scheidensekrets für die Diagnose der Gonorrhoe. *Deut. med. Wschr.*, 1927, 53: 189.—Stengel, E. Säurereaktion des Scheidensekrets und Gonorrhoe. *Zbl. Gyn.*, 1926, 50: 1078-81.—Urech, E. La valeur de la méthode de Danin pour le diagnostic de la blennorrhée féminine. *Rev. méd. Suisse rom.*, 1926, 46: 538-41.—Volkmann, K. Ueber die diagnostische Bewertung der Reaktion des Scheidensekrets bei der weiblichen Zervixgonorrhoe. *Münch. med. Wschr.*, 1926, 73: 15.—Wirz, F. & Lègèze. Zur Frage der Beeinflussung der Scheidensekretreaktion durch Gonorrhoe. *Ibid.*, 526-8.

— **Diagnosis, immunological.**

See also **Gonoreaction**; also subheadings of **Gonorrhea (Allergy; Immunology)**

CHARMANT, P. *Contribution à l'étude de la gonoréaction dans les rhumatismes chroniques. 73p. 8°. Par., 1936.

GODIN, M. *La gono-réaction dans le diagnostic des rhumatismes subaigus et chroniques. 79p. 8°. Par., 1932.

SCHÖNFELD, W. Erkennung und Untersuchung des Trippers beim Manne, spezifische Diagnose. p.99-156. 8°. Berl., 1935.

In *Haut & Geschlkr.* (Arzt & Zieler) Berl., 1935, 5:

STEIGER, G. *Recherches sur une réaction de flocculation à la gonacrine. 33p. 8°. Par., 1938.

Akiyama, T., Sato, A., & Murata, M. Ueber den diagnostischen Wert der serologischen Untersuchungen bei den gonorrhoeischen Krankheiten. *Jap. J. Derm. Urol.*, 1933, 33: 66.—Ambrogio, A. Sui fenomeni immunitari nella blenorragia. *Gior. ital. derm. sif.*, 1929, 70: 327-93.—Aristova, V. G. (Sero-diagnosis of gonorrhea by flocculation method, conglobation reaction (Müller) Meinicke's clarification reaction and Schleseman's modification) *Sovet. vest. vener.*, 1934, 3: 642-8.—Armanini, C. & Bertolotti, G. La prova emolastica del D'Amato nelle affezioni gonococciche complicanti la gravidanza ed il puerperio. *Ann. ostet. gin.*, 1929, 51: 589-98, ch.—Bilbao, R. La reacción de fijación del complemento con antígeno gonocócico (técnica y contribución a su estudio) *Progr. elin.*, Madr., 1930, 38: 381-5.—Blanchard, O. Importancia del método biológico en el diagnóstico de la gonococcia femenina. *Bol. Soc. obst. gin. B. Aires*, 1940, 19: 760-9.—Blumenthal, F. Die klinische Bedeutung der Serodiagnostik bei Gonorrhoe. *Deut. med. Wschr.*, 1930, 56: 1033-5.—Buquichio, A., Crosti, A. [et al.] Le prove biologiche nella infezione gonococcica. *Dermosifilograf.*, 1927, 2: 6-21.—Canavero, G. Importanza in chirurgia delle reazioni immunitarie gonococciche. *Atti Congr. naz. microb.*, 1937, 6. Congr., 517-33. Also *Boll. Sez. ital. Soc. internaz. microb.*, 1937, 9: 267-73.—Castagna, P. La reazione emolastica studiata in rapporto alle infezioni gonococciche dell'apparato genitale femminile. *Rass. ostet.*, 1935, 44: 405-21.—Charmant, P. [Gonococcus complement fixation test; its value in rheumatism] *Orv. hetil.*, 1938, 82: 727-30.—Chiale, G. F. Nuovi metodi sierodiagnostici nella gonorrea; primi risultati. *Gior. ital. derm. sif.*, 1933, 74: suppl., 86-9.—Crosti,

A. Le prove biologiche nella infezione gonococcica; le prove sierologiche. *Ibid.*, 1927, 68: 401-553.—Cuesta. Intradermoreacción y reacción serológica en el diagnóstico de la infección gonococcica. *Med. iber.*, 1934, 28: 418.—Damski, A. L'antivirus, comme moyen de diagnostic de la gonococcie latente et de traitement dans les cas de prostatite et vésiculite aiguë d'origine blennorrhagique et non blennorrhagique. *J. urol. méd.*, Par., 1934, 37: 418-32.—De Lillo, G. Ricerche comparative sul valore di alcuni metodi di diagnosi biologica della blenorragia. *Rass. internaz. clin. ter.*, 1937, 18: 52-60.—Dombay, P. La réaction de précipitation dans les sérums antigonococciques. *C. rend. Soc. biol.*, 1927, 97: 679-81.—& Morel. La réaction de précipitation dans les sérums antigonococciques. *Presse méd.*, 1927, 35: 1190.—Dombrovsky, B. R. [Application of Grigoriev-Rapport reaction for sero-diagnosis of gonorrhea] *Vest. vener.*, 1939, No. 7, 33-7.—Fabian, A. [Diagnosis of gonorrhea in women on a biological basis] *Bratisl. lek. listy*, 1926, 5: 600-2.—Florio, C. Diagnosi microbiologica e immunologica della gonococcosi. *Atti Congr. naz. microb.*, 1937, 6. Congr., 377-480. Also *Gior. ital. derm. sif.*, 1937, 78: Suppl., 302-4.—Gadrat, Guilhem & Tamalet. Transmission diaplacentaire de la séroreaction blennorrhagique. *Bull. Soc. fr. derm. syph.*, 1934, 41: 1974-6.—Gawalski, K., & Cupik, J. Die Antikörperreaktion in der Urethralspülflüssigkeit bei der Gonorrhoe. *Acta derm. vener.*, Stockh., 1940, 21: 133-47.—Hombria, M. Diagnóstico biológico de la blenorragia. *Arch. med.*, Madr., 1930, 32: 550-6.—Kadisch, E. Zur Kenntnis der Serologie der Gonorrhoe. *Derm. Wschr.*, 1927, 85: 1029-31.—Kaufmann, S. [Importance of confrontation in diagnosis of gonorrhea in women] *Vener. derm.*, Moskau, 1930, 7: 48-52.—Keefer, C. S., & Spink, W. W. The immune reactions in patients with gonococcal infections. *N. England J. M.*, 1937, 216: 454.—Konrád, D. [Value of serological reactions in diagnosis and treatment of gonorrhea] *Cluj. med.*, 1936, 17: 688.—Kushelevsky, A. P. [Diagnosis of gonorrheal affections of the urinary tract in girls in dispensaries by confrontation] *Sovet. pediat.*, 1934, No. 6, 105-14.—Lanteri, G. Le prove biologiche nella infezione gonococcica: deviazione del complemento; agglutinine; entereazione e intradermoreazione. *Arch. ital. derm.*, 1926, 2: 201-23. Also *Boll. Soc. ital. biol. sper.*, 1927, 2: 158-61. Also *Gior. ital. derm. sif.*, 1927, 68: 574-7.—Lévine, J. M. Valeur diagnostique des injections intradermiques d'antivirus spécifique dans la gonorrhée. *Ann. mal. vénér.*, 1935, 30: 271-8.—Lisovskaia, S. N., & Petrova, V. A. [Reaction to gonococci antigen in diagnosis of gonorrhea in children] *Urologia*, Moskau, 1938, 15: 77-81.—Mazepová, N. Filtrat gonococcique comme antigène dans la réaction de flocculation. *Tr. Inst. hyg. pub. tchéc.*, 1938, 9: 136-40.—Moench, G. L. An investigation of the precipitin reaction for the diagnosis of gonorrhea. *Urol. Cut. Rev.*, 1931, 35: 307.—Mossetti, P. La reazione emolastica nelle affezioni gonococciche dei genitali femminili. *Rinase. med.*, 1928, 5: 367-9.—Negro, G. Spermocultura e gonodeviazione. *Atti Congr. naz. microb.*, 1937, 6. Congr., 481-4. Also *Boll. Sez. ital. Soc. internaz. microb.*, 1937, 9: 393-6.—Newler, A. J. Aktive Forschungsmethode bei der Serodiagnostik der Gonorrhoe. *Zschr. Immunforsch.*, 1932-33, 77: 56-9.—Pechernikov, P. V. [Grigoriev-Rapport reaction in gonorrhea] *Vest. vener.*, 1939, No. 4, 51.—Peli, G. L'agglutinazione del gonococco di Neisser nel siero dei blenorragici. *Gior. ital. derm. sif.*, 1927, 68: 571.—Perpignano, G. Sul valore di alcune prove biologiche nella infezione blenorragica. *Biol. med.*, Milano, 1934, 10: 91-104.—Pochlmann, A. Ueber die praktische Bedeutung der Serodiagnose der Gonorrhoe. *Münch. med. Wschr.*, 1935, 82: 405-9.—Pollák, O. J. [Actual state of serological diagnosis in gonorrhea] *Cas. lék. česk.*, 1932, 71: 1321; 1367.—Pooman, A. Ueber die biologische Diagnose der Gonorrhoe. *Zbl. Haut Geschlkr.*, 1935, 50: 1-9.—Radais. Sur une demande d'autorisation de débit d'un produit servir au diagnostic dans les conditions prévues par la loi du 14 juin 1934. *Bull. Acad. méd.*, Par., 1937, 3. ser., 117: 319.—Rosti, F. Contributo alla diagnosi biologica dei processi gonococcici. *Pensiero med.*, 1936, 25: 31-8.—Schlirf, K. Ueber die Bedeutung bakteriologisch-serologischer Untersuchungen für die Erkennung und Bekämpfung des Trippers. *Münch. med. Wschr.*, 1934, 81: 332.—Schönfeld, W., & Marquardt, F. Beiträge zu zwei Immunitätsreaktionen des Trippers. *Derm. Zschr.*, 1930-31, 60: 385-94.—Silberstein, S. Zur Sicherung der Gonorrhoeidiagnose in der allgemeinen Praxis durch die Komplementbindungsreaktion und das Kulturverfahren. *Ibid.*, 464-9.—Warren, C. F., Hinton, W. A., & Bauer, W. Significance of gonococcus complement fixation test as a diagnostic aid in the study of arthritis. *J. Am. M. Ass.*, 1937, 108: 1241-7.

— **Diagnosis, immunological: Meinicke's and Müller's tests.**

LEIPNER, S. *Die Serodiagnose der Gonorrhoe mittels der Meinicke-Klärungsreaktion im Zentrifugierverfahren und der Komplementbindungsreaktion [Marburg] 16p. 8°. Düsseldorf, 1934.

SCHLEIFF, P. *Erfahrungen mit der KBR und Go-MKR im Zentrifugier-Verfahren bei Gonorrhoe [Halle-Wittenberg] 20p. 22½cm. Heidelberg, 1936.

Ambrogio, A. Alcune indagini sperimentali di confronto della seconda reazione di chiarificazione di Meinicke e della

reazione di Schlemm per la diagnosi della gonococcosi. Pathologica, Genova, 1936, 28: 544-53.—Boas, H. Untersuchungen über die Meinicke-Klärungsreaktion und die Müller-Ballungsreaktion bei Gonorrhoe. Acta derm. vener., Stockh., 1936, 17: 282-6. Also Hospitalstidende, 1936, 79: 533-6.—& Øigaard, E. Die Meinicke-Klärungs-Reaktion bei Gonorrhoe. Acta derm. vener., Stockh., 1932-33, 13: 544-6. Also Hospitalstidende, 1935, 76: 241-3.—Bronzini, M. Contributo alla diagnosi sierologica della infezione gonococcica con la Go. M. K. R. II. Riforma med., 1935, 51: 1063-7.—Brückner, M. Beitrag zur Müllerschen Ballungsreaktion auf Tripper und Tuberkulose. Derm. Wschr., 1935, 101: 995-1001.—Catullo, F. La immunoreazione di appaltotolamento di Müller per la gonococcosi. Gior. batt. immun., 1937, 18: 472-87.—Fiorio, C. La immunoreazione di chiarificazione di Meinicke per la gonococcosi. Ibid., 624-42.—Klein, F. & Wildová, A. [Müller's conglobation reaction in gonorrhoe] Cesk. derm., 1933, 14: 81-6.—Mariconda, G. Sul valore pratico delle immunoballungsreaktion di Mueller nella infezione gonococcica. Atti Accad. fisior. Siena, 1935, 11. ser., 2: 227-31.—Varaldo, A. La reazione di Meinicke per la blenorragia. Gior. ital. derm. sif., 1934, 75: suppl., 163. ——— Ulteriori osservazioni sulla reazione di Meinicke (M. K. R. II) nella blenorragia. Ibid., 1935, 76: Suppl., 183-5.—Vogelsang, T. M. The Müller conglobation reaction for gonorrhoea. Acta derm. vener., Stockh., 1935, 16: 471-5.

Diagnosis, laboratory.

Brunet, W. M. The place of the laboratory in the diagnosis and treatment of gonococcal infections. Tr. Am. Neisser, M. Soc., 1939, 5: 83-7.—Carpenter, C. M. Recommended methods for the laboratory diagnosis of gonococcal infections. Am. J. Pub. Health, 1937, 27: suppl., 125-34. ——— The diagnosis of gonococcal infection in the male: an evaluation of laboratory methods. J. Am. M. Ass., 1937, 109: 1428-30.—Cohn, A. Modern laboratory procedures in gonococcal infections. Urol. Cut. Rev., 1940, 44: 634-6.—Guillaumin, C. O. L'aide du laboratoire dans le diagnostic de l'infection gonococcique chez la femme. Rev. fr. gyn. obst., 1938, 33: 228-37.—Herrold, R. D. Laboratory methods for diagnosis of gonorrhoea in the male. J. Urol., Balt., 1931, 26: 379-86.—Jacobsen, F., Mason, H. C., & Arnold, L. Laboratory diagnosis in chronic gonorrhoea of the female. J. Lab. Clin. M., 1937-38, 23: 729-36.—Jacoby, A. The unreliability of laboratory aids in the diagnosis of gonorrhoea in women. Am. J. Obst., 1932, 23: 729-35.—Management (The) of gonorrhoea: the laboratory in the diagnosis of gonorrhoea. N. England J. M., 1934, 210: 362-5.—Pitts, A. C. Laboratory diagnosis of gonococcal infections. Am. J. Syph., 1940, 24: 184-200.—Price, I. N. O. The oxidase reaction in the laboratory diagnosis of gonorrhoea. Brit. M. J., 1929, 1: 199.—Singh, B. Laboratory diagnosis of gonorrhoea in the female. J. Ind. M. Ass., 1936-37, 6: 620-6.

Diagnosis, radiographic.

See also Urethrography; Urethroscopy; also under names of genitourinary organs.

Brunetti, L. Sull'uretrografia nei reliquati blenorragici e nelle fausses routes. Arch. radiol., Nap., 1931, 7: 445-65.—Campos Martín, R. Vesiculografías y lavados de las vesículas seminales en la blenorragia crónica. Rev. méd. Barcelona, 1931, 16: 539-47.—Frühwald, R. Urethrographie bei Gonorrhoe des Mannes und bei der Frau. Derm. Wschr., 1930, 90: 133-43.—Goedhart, C. [Urethrography of the male urethra and adnexae in chronic gonorrhoea and hypertrophy of the prostate] Geneesk. gids, 1935, 13: 73; 97; 121.—Langer, E. Die Bedeutung der Röntgen Darstellung der männlichen Harnröhre und ihrer Anhangsorgane für die Diagnose und Therapie der Gonorrhoe. Derm. Zschr., 1932-33, 65: 289-93.—Levi, I. Sull'uretrografia nelle affezioni blenorragiche. Gior. ital. derm. sif., 1930, 71: 1353-60, 3 pl.—Marcel, J. E. Blennorragie et uréthrographie. Ann. mal. vénér., 1936, 31: 881-94, 9 pl.—Pellet. Le diagnostic radiologique du rhumatisme blennorragique. Rev. rhumat. Par., 1938, 5: 987-9.—Porcher, P., & Aboulker, P. La radiographie des arthrites gonococciques. J. chir., Par., 1936, 48: 806-26.—Roitstein, Z. J., & Khasskina, Z. V. Zur Frage der Röntgenuntersuchung der männlichen Urethra bei der Gonorrhoe. Röntgenpraxis, 1930, 2: 885-90. Also Vener. derm., Moskva, 1931, 8: 83-7.

Diagnosis—in the female.

See also Gonorrhoea—in the female.

SCHIEP, W. *Die Bedeutung der Menstruation für die Diagnostik und Verbreitung der Gonorrhoe. 29p. 8°. Münch., 1930.

SCHULTZ, W. G. *Klinische Untersuchungen über die Diagnose der weiblichen Gonorrhoe [Würzburg] 14p. 8°. Lpz., 1925.

Also Zbl. Gyn., 1925, 49: 2539-71.

Barbellion, P. L'infection gonococcique chez la femme; diagnostic au cabinet du médecin. Rev. fr. gyn. obst., 1938, 33: 201-7. [Discussion] 658-63.—Bloch. Le dépistage du gonococo chez la femme épuisée. Gyn. obst., Par., 1939, 40: 189.—Boulanger, L. Pourquoi, quand et comment faut-il explorer l'appareil génito-urinaire d'une femme en vue du diagnostic

d'une gonococcie? Monde méd., 1927, 37: 915-20.—Clinical (The) diagnosis of gonorrhoea in the adult female. N. England J. M., 1935, 212: 823-9.—Clinical (The) diagnosis of gonorrhoea in the female. Weck. Bull. S. Louis M. Soc., 1936-37, 31: 454; 469.—Durel, P. De quelques précisions anatomiques et histologiques utiles pour l'étude de la blennorragie féminine basse. Ann. mal. vénér., 1934, 29: 81-97.—Hartung, J. Ueber die Bedeutung der Mensespräparate für die Diagnose der weiblichen Gonorrhoe. Derm. Wschr., 1937, 105: 1475-83.—Hofstein, A. S. [Diagnosis of chronic cervical gonorrhoea by aid of Kafka's cup] Akush. gin., 1938, No. 2, 90-3.—John, F. Ueber die Bedeutung der Menstruationspräparate für den Nachweis der Gonokokken bei gonorrhoeischen Frauen. Arch. Derm. Syph., Berl., 1936, 174: 96-104. ——— Zur Diagnose der chronischen Gonorrhoe der Frau. Derm. Wschr., 1938, 107: 1423-9.—Konstantinov, V. I., & Zharkovskaya, A. S. [Diagnosis of gonorrhoea in women] Vrach. delo, 1934, 17: 733-6.—Lomholt, E. [Utilization of present possibilities for diagnosis of gonorrhoea in women at an early stage] Ugeskr. laeger, 1938, 100: 440-2.—Mascall, W. N. The pathological diagnosis of female gonorrhoea. Lancet, Lond., 1933, 1: 233-6.—Maus. Zur Untersuchung des Trippers bei Frauen. Zbl. Haut Geschlkr., 1937, 57: 251.—Mocquot & Palmer. Sur le diagnostic de la gonococcie chronique chez la femme. Gyn. obst., Par., 1939, 40: 182-90.—Neufeld, N. Zur Kritik der Diagnosemöglichkeit weiblicher Gonorrhoe. Zbl. Gyn., 1927, 51: 847.—Pechenko, A. I. [Diagnosis of gonorrhoeal affections of the cervix by means of biopsy] Akush. gin., 1937, No. 4, 41-5.—Schmidt-La Baume, F. Ueber die Bedeutung der Menstruationspräparate für die Erfassung der Gonorrhoe-Infektionsquellen. Derm. Wschr., 1935, 101: 811-4.—Simonovich, E. A., Goldstein, E. B., & Kolesinskaia, L. A. [Diagnosis of gonorrhoea in women] Akush. gin., 1940, No. 5, 20-2.—Spitzer, M. Neue Erkenntnisse in der Diagnostik der Gonorrhoe des weiblichen Urogenitalapparates. Schweiz. med. Wschr., 1938, 68: 1034-8.—Tant, E. Le diagnostic de la blennorragie chez la femme. Bruxelles méd., 1928-29, 9: 590-6.—Trachtenberg, S. V., Kaganovich, I. I. [et al.] [Perfecting the diagnosis of chronic gonorrhoea in women] Akush. gin., Moskva, 1937, No. 5, 72-5.—Vojta, M. [Examination of the menstrual secretion in diagnosis of gonorrhoea in women] Cesk. derm., 1938, 18: 151-8.—Wendeborn, H. Ueber die Bedeutung der Menstruationspräparate für die Sicherung der Diagnose bei Gonorrhoeverdacht. Derm. Wschr., 1935, 101: 814-7.

Discharge.

See also Gonococcus, Staining; Gonorrhoea, Diagnosis; Gonotest.

Kopsch, F. A. [E.] *Ueber das Vorkommen und die Bedeutung der eosinophilen Zellen bei der Gonorrhoea acuta anterior und Gonorrhoea acuta posterior. 40p. 8°. Berl., 1927.

LIU, TUNG. *Ueber das Vorkommen von Leukoeyten mit sudanophilem Inhalt im gonorrhoeischen Eiter. 21p. 22cm. Münch., 1936.

Buschke, A., & Jost, W. Zur Biologie des gonorrhoeischen Eiters. Med. Klin., Berl., 1926, 22: 812.—Consoli, D. Alcune ricerche sulle modificazioni della reazione e del microbismo nel secreto vaginale in rapporto alla presenza del gonococco. Rass. ostet., 1927, 36: 581-92.—Degtiar, A. J., & Dombrovsky, B. R. [Morphological changes in the blood and pus in gonorrhoea in women] Akush. gin., 1937, No. 2, 94-6.—Diefel, F. Sachgemässe Sekretentnahme bei der weiblichen Gonorrhoe. Zschr. ärzt. Fortbild., 1928, 25: 214-6.—Heft, B. B. [Eosinophilia and its clinical importance in gonorrhoea] Vrach. gaz., 1929, 33: 2574-7.—Jablonsky, S. M., & Udenich, V. A. [Microflora in chronic gonorrhoeal and post-gonorrhoeal urethritis] Vener. derm., Moskva, 1928, 5: 1553-60.—Leites, L. R., & Tulbermann, D. G. Zytologie des Eiters bei männlicher Gonorrhoe. Zschr. Urol., 1932, 26: 111-21.—Liakhovsky, N. S. [Cytology of the discharge in male gonorrhoea and its clinical significance] Urologia, Moskva, 1939, 16: No. 3, 47-55.—Lisi, F. Della presenza di cellule istiocitarie nel pus blenorragico. Gior. ital. derm. sif., 1933, 74: 1363-87, pl.—Ovchinnikov, N., & Ssemenjako, E. Die Veränderungen der Flora bei akuter Urethritis gonorrhoeica. Zschr. Urol., 1929, 23: 202-8.—Paulino Filho, A. Aspectos bacterioscòpicos e gonocytogramma. Brasil med., 1939, 53: 478-81.—Pechenko, A. I. [Significance of certain hematological factors in the cytology of gonorrhoeal pus for diagnosis of gonorrhoea in women] Sovet. vrach. J., 1937, 41: 1711-6.—Pelouze, P. S., & Gonzalez, S. Studies in the hydrogen ion concentration of the urethral fluids during the course of gonorrhoea. J. Urol., Balt., 1929, 22: 407-19.—Perpignano, G. Sul valore della eosinofilia nel sangue e nel secreto gonococcico. Gior. ital. derm. sif., 1934, 75: suppl., 180-4.—Pochlmann, A. Ueber das Vorkommen von Leukoeyten mit sudanophilem Inhalt im gonorrhoeischen Eiter. Klin. Wschr., 1933, 12: 819-21.—Prodanov, E. M. [Eosinophilia of gonorrhoeal pus] Vener. derm., Moskva, 1929, 6: 43-9.—Schött, E. D. Eigene Beobachtungen am Bakterienbilde bei Gonorrhoe. Acta med. scand., 1934, suppl. 59, 600-5.—Sokolov, S. L., Elmanovich, E. G., & Tulchinsky, M. V. [Cytology of the discharge from the male urethra in gonorrhoea] Urologia, Moskva, 1939, 16: No. 3, 56-8.—Stremovskaia, S. I. [Cyto-bacterioscopic aspect of menstrual secretions in gonorrhoea] Akush. gin., 1938, No. 11, 63-8.—Vercellino, L. Sui

cosidetti Kuggelkerne nel secreto uretrale. Dermosifilografo, 1928, 3: 220-6.—Wehrlein, H. L. Cytological study of gonorrheal pus. Am. J. Surg., 1930, n. ser., 8: 75-80. Also repr.

Epidemiology.

GERHARDS, G. *Die Häufigkeit der Gonorrhoe festgestellt am Material der Ambulanz der Jahre 1927 bis 1930 [Kiel] 48p. 8°. Gütersloh, 1933.

HERRLICH, A. *Zur Statistik der männlichen Gonorrhoe. 15p. 8°. Münch., 1931.

Bay-Schmith, E. [Examinations for gonorrhea in Greenland] Ugeskr. læger, 1932, 94: 643.—Blenorrhagia. Bol. Of. san. panamer., 1940, 19: 899-903.—Breger, J. Die Verbreitung der Gonorrhoe. Mitt. Deut. Ges. Bekämpf. Geschlkr., 1932, 30: 1-26.—Brühl, R., & Werther, H. Eine statistische Zusammenstellung über die Häufigkeit der Gonorrhoe an der Universitäts-Frauenklinik Göttingen in den Jahren 1908 bis 1932. Zbl. Gyn., 1933, 57: 2782-8.—Buschke, A., & Kaufmann, E. Ueber die Gonorrhoeerfrequenz im Krankenhaus. Münch. med. Wschr., 1929, 76: 1757-9.—Diogo Furtado, & Esaguy, A. de. Espondilose rizomélica gonocócica (sóbre dois casos familiares) Lisboa méd., 1931, 8: 749-58.—Folke, L. (Gonorrhea and its complications among the Greenlanders in the Julianhaab District) Ugeskr. læger, 1933, 97: 309.—Friedmann, M. Zur Ausbreitung der Gonorrhoe. Münch. med. Wschr., 1931, 78: 1550-4.—Halberg, V. [Relation between gonorrhea in men and women in Denmark since 1900] Ugeskr. læger, 1933, 100: 523-8.—Heiner, L. [Why is there no decrease in the incidence of gonorrheal diseases?] Budapesti orv. ujs., 1938, 36: 53-60.—Hollander, B. Gonorrheal infections in Sango. U. S. Nav. M. Bull. 1936, 34: 235-42.—Knierer, W. Ueber die Häufigkeit von Gonorrhoe-Komplikationen bei Strafanstaltsgefangenen. Münch. med. Wschr., 1935, 82: 370.—Kridener, L. L. [Characteristics of gonorrhea among the rural population of the Leningrad district for 1932-35] Vest. vener., 1937, 1105-10.—Kroeff, M. Balaço da blenorragia. Fol. med., Rio, 1924, 5: 111-3.—Kushelevsky, A. P. [Dynamics of gonorrhea] Sovet. vest. vener., 1933, 2: 362-6.—Lomholt, S. [Increase in number of gonorrhea cases among women and children in Copenhagen] Ugeskr. læger, 1937, 99: 1264-6.—Mathieu, L., & Gerbaut, P. Un groupe familial d'infection gonococcique; généralisation de la gonococcie parallèlement à l'accouchement de la mère avec contamination in utero du nouveau-né; orchite du père. Rev. méd. est, 1928, 56: 450-4.—Nelson, N. A. The epidemiology of gonococcal infection. Tr. Am. Neisser, M. Soc., 1939, 5: 57-63.—Rodecut, M. Die Hauptursache für das Gleihebleiben der Gonorrhoe-Ziffer. Deut. med. Wschr., 1934, 60: 440.—Ronnefeldt, F. Die Gonorrhoe in West-Liberia. Derm. Wschr., 1932, 94: 717-23.—Schulz, P. I. [Characteristics of gonorrhea in the villages of S. S. U.] Vener. dermat., Moskva, 1930, 7: 54-7.—Usilton, L. J. Trend of cases of gonorrhea under treatment or observation in the United States. N. England J. M., 1933, 209: 996-1007.—Vonderlehr, R. A., & Usilton, L. J. The present status of the epidemiology of gonorrhea. Tr. Am. Neisser, M. Soc., 1938, 4: 64-70. Also Am. J. Syph., 1938, 22: 537-43.—Zalutsky, L. E., & Liakhovitzky, N. S. [Acute gonorrhea in men; statistics for 1924-30] Sovet. vest. vener., 1933, 2: 142-54.—Zarkhi, M. M. [Causes hindering the decrease of gonorrhea] Ibid., 572-7.

Ear.

Gabelov, A. [Case of gonorrheal otitis] Vest. vener., 1938, 61.—Lemborsky, B. A. [Acute otitis and mastoiditis in acute gonorrhea] Vest. sovet. otorinol., 1932, 25: 94-7.

Epididymis, and testis.

See also Gonorrhea, Sequelae: Reproduction.

AUJAY, J. *Etude sur quelques cas d'épididymite blennorrhagique suppurée. 53p. 8°. Par., 1929.

HAARDT, E. *Ueber Epididymitis und Funiculitis gonorrhoeica [Kiel] 16p. 22cm. Wanne-Eickel, 1936.

MEYER, C. A. *Ein Beitrag zur Statistik der Epididymitis gonorrhoeica. 16p. 8°. Münch., 1931.

NEHER, A. *Beeinflusst eine im Verlaufe der Gonorrhoe auftretende Nebenhodentzündung die Zeitdauer der Gonorrhoe? (statistischer Beitrag aus den Jahren 1920-1929) [München] 49p. roy. 8°. Laupheim, 1930.

Balch, J. F. Gas gangrene, a fatal complication of acute gonorrheal epididymitis, with report of a case. J. Urol., Balt., 1933, 30: 149-52.—Belt, N. Gonorrheal epididymitis in cryptorchidism. Tr. Am. Ther. Soc., 1935, 35: 65.—Bode, H. G. Differentialdiagnose und Behandlung der Epididymitis gonorrhoeica. Aertzl. Rdsch., 1932, 42: 121.—Callomon, F. Urethritis and Epididymitis non gonorrhoeica. Zbl. Haut. Geschlkr., 1926, 19: 577-99.—Campbell, M. F. Gonococcus epididymitis; observations in 3,000 cases from the Urological Service of

Bellevue Hospital. Ann. Surg., 1927, 86: 577-90.—Chauvin, E. Epididymite gonococcique suppurée. Marseille méd., 1937, 74: 181-4.—De Amicis, A. Epididymites blennorrhagiques suppurées et leur influence sur le décours de l'urétrite gonococcique. Ann. mal. vénér., 1937, 32: 691-701, 2 pl.—Eidelstein, S. W. [Effect of epididymitis upon gonorrheal urethritis] Urologia, Moskva, 1932, 9: 13-8.—Falchi, G. Epididymite gonococcica suppurata. Boll. Soc. med. chir., Pavia, 1926, n. ser., 1: 575-94.—Garvin, C. H. Acute gonococcal epididymitis; a resumé. Am. J. Surg., 1931, n. ser., 12: 502-9. Also repr.—Hartmann. Comment reconnaître la nature d'une poussée d'orchite. Rev. gén. clin. théor., 1926, 40: 500.—Ingram, P. C. P. Suppurating gonococcal epididymitis; reports of 3 cases. Brit. M. J., 1926, 1: 653.—Langer, E. Abszedierende Hodentzündung bei Gonorrhoe. Münch. med. Wschr., 1929, 76: 2051-3.—Melly, B. [Gonorrheal epididymitis] Orv. hetil., 1931, 75: 951; 976.—Parsons, R. P. Gonorrheal epididymitis. U. S. Nav. M. Bull., 1934, 32: 1-8.—Pelouze, P. S. The causes and prevention of gonorrheal epididymitis. Ther. Gaz., 1927, 51: 16-9.—Pevzner, J. I. [Condition of the testicles in gonorrheal epididymitis] Vest. vener., 1937, No. 8, 838-41.—Reins, H. Hoden- und Nebenhodenabszesse bei akuter Gonorrhoe. Münch. med. Wschr., 1932, 79: 627.—Rille, J. H. Ueber Orchitis gonorrhoeica. Wien. med. Wschr., 1926, 76: 921.—Robertson, J. P. Cryptorchidism and acute gonorrheal epididymitis; report of case in 10-year old boy. J. M. Ass. Alabama, 1934, 4: 53.—Rosenbaum, M. G. Spontanperforation einer Epididymitis gonorrhoeica. Derm. Wschr., 1932, 94: 315-8.—Rubi, R. A. Epididymitis blenorragica. Dia méd., B. Air., 1939, 11: 908-12.—Salomon, O. Abszedierende Hodentzündung bei Gonorrhoe. Münch. med. Wschr., 1930, 77: 18.—Salutzky, H. Ueber Orchitis purulenta gonorrhoeischen Ursprungs. Arch. Derm. Syph., Berl., 1926, 150: 300-3.—Schofield, F. S., & Leberman, P. R. Gonorrheal epididymitis; incidence and practical considerations. Pennsylvania M. J., 1936-37, 40: 956-9.—Shishov, J., & Saksin, J. Die konstitutionellen Faktoren und der Verlauf der gonorrhoeischen Entzündungen der Geschlechtsdrüsen. Zschr. Urol., 1927, 21: 269-74.—Sorrentino, B. Raro caso di epididimitis gonococcica suppurata. Prens. méd. argent., 1929-30, 16: 1389.—Weitzel, L. Epididymite et funiculite suppurées d'origine gonococcique. Presse méd., 1929, 37: 1544.—Wiesner, K. Ueber einen Fall von gonorrhoeischer Epididymitis und Omphalitis bei einem 3 Monate alten Säugling. Zschr. Kinderh., 1929, 48: 305-9.—Zelenec, I. F. [Composition of semen; orchitis desquamativa gonorrhoeica] Russ. J. kozhn. vener. bolez., 1913, 25: 472; 565, pl.

Epididymis, and testis: Treatment.

GASTAUD, P. J. *Traitement des orchididymites blennorrhagiques par les sels de mercure (cyanure) 78p. 8°. Par., 1926.

KRASSILCHIK, A. *Contribution à l'étude de la vaccinothérapie intra-veineuse dans l'épididymite et le rhumatisme blennorrhagiques. 56p. 8°. Par., 1931.

LOYNAZ PÁEZ, O. *Tratamiento de las orquiepididimitis blenorragicas agudas y subagudas por el cianuro de mercurio. 43p. 8°. Caracas, 1928.

Aguifera, C. A. Curación de la orquitis orquiepididimitis y epididimitis gonorrhoeica al alcance del médico práctico con el método diatermo-carbamida de CICA. An. Soc. méd. quir. Guayas, 1938, 18: 561-5.—Almeida Cardoso, J. O tratamento das orchididymites blenorragicas pelo uso de mercurio. Fol. med., Rio, 1934, 15: 65-7.—Alper, B. O. The therapeutic value of turpentine-oil injections in acute gonorrheal epididymitis. Collect. Papers N. York Homeop. M. Coll. 1935, 1: 322-5.—Bashkirtsev, N. I., Semenov, P. P., & Nikolaevskaya, M. A. [Significance of puncture in treatment of gonorrheal epididymitis] Urologia, Moskva, 1935, 12: 104-8.—Beilin, L. M. Treatment of acute gonorrheal epididymitis by injection of the patient's whole blood. Illinois M. J., 1933, 64: 480-2.—Black, T. N. Surgical treatment of acute gonorrheal epididymitis. Tristate M. J., 1931-32, 4: 765; 770.—Bonnet. Le traitement des epididymites blennorrhagiques par le néomégon intraveineux. Arch. mal. reins, 1935, 9: 220-3.—Boss, A. Zur chirurgischen Behandlung der akuten gonorrhoeischen Epididymitis. Derm. Wschr., 1932, 94: 241-3.—Castoldi, F. Esperimenti di cura della epididimitis blenorragica acuta col solfoitilato di ammonio, col ioduro di sodio, col autoterapia e col cloruro di calcio. Dermosifilografo, 1930, 5: 383-400.—Chevallier, P., Moricard, R., & Pauchard, J. Sur le traitement de l'orchididymite blennorrhagique par les injections de vaccin dans la muqueuse uréthrale. Ann. mal. vénér., 1932, 27: 431-52.—Cipriani, M. Epididimitis gonococcica con vaginalite siroica cronica: descrizione di un caso clinico trattato con la fototerapia ultravioletta, con considerazioni sul meccanismo terapeutico delle irradiazioni attiniche. Raggi ultravioletti, 1928, 4: 171-7.—Conrad, J. Traitement de la phase aiguë des epididymites blennorrhagiques. Ann. Soc. méd. chir. Liège, 1937, 70: 36-41. Also Liège méd., 1937, 30: 359-68. — La néoarsphénamine, arsenical trivalent

- dans le traitement des orché-épididymites blennorrhagiques. *J. urol. méd., Par.*, 1938, 46: 29-33.—**Cowan, L. B.** Treatment of gonorrheal epididymitis. *Urol. Cut. Rev.*, 1925, 29: 660-2.—**Del Rio, F.** Treatment of gonococic epididymitis. *Med. Rec., Houston*, 1927, 21: 462.—**Dor, A.** Traitement des orché-épididymites blennorrhagiques. *Arch. mal. reins*, 1935, 9: 224.—**Epstein, G. S.** Du mécanisme d'action des grands lavages d'après Janet; essais de leurs applications dans les cas aigus d'épididymite blennorrhagique. *J. urol. méd., Par.*, 1933, 35: 403-15.—**Epstein, M. T.** [Autohemotherapy and collargol treatment of gonorrheal epididymitis] *Vrach. gaz.*, 1927, 31: 355-60.—**Franco, U.** Il trattamento delle epididimiti blennorrhagiche. *Gior. med. mil.*, 1930, 78: 511-7.—**Ginsburg, A. S.** [Comparative value of methods of treatment of gonorrheal epididymitis] *Vener. dermat., Moskva*, 1930, 7: 35-9. Also *Vrach. gaz.*, 1931, 35: 525-9.—**Goldstein, H. H.** Conservative treatment of gonorrheal epididymitis, with special reference to the therapeutic value of diathermy. *Urol. Cut. Rev.*, 1930, 34: 146.—**Grant, O., & Cutler, I. H.** Diathermy in gonorrheal epididymitis; with report of 11 cases. *Am. J. Surg.*, 1926, n. ser., 1: 92-4.—**Greenberger, M. E., & Lubash, S.** Diathermy in acute gonorrheal epididymitis; report of 13 cases. *Urol. Cut. Rev.*, 1926, 30: 88.—**Günsberger, O. D.** Die Behandlung der Epididymitis gonorrhoea mit Elektrokollargol Heyden. *Fortsch. Ther.*, 1926, 2: 626-31.—**Halberg, V.** [Treatment of gonorrheal epididymitis] *Hospitalstidende*, 1938, 81: 1115-9.—**Harrestrup Andersen, A.** [Investigations on sulfosin treatment of gonorrheal epididymitis] *Ibid.*, 825-7. [Med. selsk. Hyens Stifts forb.] 14-6.—**Hippolitus, P. D.** The treatment of gonorrheal epididymitis by direct injection. *Urol. Cut. Rev.*, 1936, 40: 628.—**Iablénik, B. S.** Le traitement des épididymites blennorrhagiques par la ponction avec aspiration. *Rev. fr. dermat. vénér.*, 1935, 11: 380-4.—**Kabachnik, S. M., & Erofeev, P. M.** [Treatment of gonorrheal epididymitis by artificial heliotherapy] *Sovet. vest. vener.*, 1932, 18.—**Katz, T.** [Pathology and treatment of gonococic epididymitis] *Cluj. med.*, 1933, 14: 678-86. — Beitrag zur Behandlung der gonorrhoeischen Nebenhodenentzündung. *Derm. Wschr.*, 1933, 97: 1762-6.—**Klöveborn, G. H., & Meyer-Buley, H.** Kalzium- und Röntgenbehandlung der gonorrhoeischen Nebenhodenentzündung (ein Beitrag zur Frage der Entzündungsbehandlung) *Derm. Zschr.*, 1932, 63: 318-27.—**Kubarev, M. V.** [Treatment of gonorrheal epididymitis with injections of ichthyol] *Sovet. vrach. J.*, 1936, 1: 499-502.—**Leff, C. O., & Spencer, O. M.** A short study of calcium chloride intravenous injection in gonorrheal epididymitis and rheumatism. *J. Urol., Balt.*, 1926, 16: 307-12.—**Lortat-Jacob, L., & Bucquoy.** Le traitement de l'orché-épididymite blennorrhagique par le sérum antiméningococcique. *Ann. dermat. syph., Par.*, 1930, 7, ser., 1: 926-38. Also *Gaz. méd. France*, 1931, 143-6.—**Loureiro, J. R.** La antigenoterapia en las orquiepididimitis blennorrhágicas. *Sem. méd., B. Air.*, 1928, 35: 1027-33.—**McLachlan, A. E. W.** The value of calcium salts in the treatment of acute epididymitis and other complications of gonorrhea. *Brit. J. Vener. Dis.*, 1936, 12: 109-19.—**Marcel, J. E.** A propos du traitement de l'épididymite blennorrhagique par les injections de vaccin dans la muqueuse urétrale avec quelques considérations sur la vaccination anti-blennorrhagique en général. *Ann. mal. vénér.*, 1932, 27: 725-71.—**Martin-Laval, A.** Sur le traitement des orchites gonococciques. *Arch. mal. reins*, 1935, 9: 225-7.—**Melnikov, P. I., Atarov, T. S., & Olshansky, I. A.** (Treatment of gonorrheal epididymitis with injections of sulphur in the sub-popliteal space) *Sovet. vest. vener.*, 1934, 3: 75-6.—**Montagné.** A propos du traitement médical et chirurgical de l'épididymite gonococcique. *Arch. mal. reins*, 1935, 9: 210-6.—**Murero, G.** Un caso di orchio-epididimitis blennorrhagica suppurata. *Rass. internaz. clin. ter.*, 1925, 6: 823.—**Nitchew, L.** L'orchimétrie; nouvelle méthode pour mesurer les effets des différents traitements appliqués à l'orché-épididymite blennorrhagique. *Ann. mal. vénér.*, 1934, 29: 18-23, 2 pl.—**Pearl, J. F.** Outfit for vasotomy. *Lancet, Lond.*, 1936, 1: 488.—**Pétouraud, C.** Traitement des orché-épididymites et des synovites blennorrhagiques par les injections intraveineuses de cyanure de mercure. *Bull. Soc. fr. dermat. syph.*, 1934, 41: 555-9.—**Plishkin, D. N.** [Local autohemotherapy in gonorrheal epididymitis] *Urologia, Moskva*, 1932, 10: 26.—**R.** Tratamiento de la epididimitis gonococcica por la seroterapia gonococcica intravenosa. *Dia méd., B. Air.*, 1931, 4: 161.—**Raleovicianu, A. G.** Ueber eine neue Behandlungsweise der gonorrhoeischen Orché-épididymitis. *Med. Welt*, 1933, 7: 1395.—**Ramírez Padilla, I.** La orqui-epididimitis blennorrhágica; su tratamiento por el sulfarsenol. *Crón. méd. mex.*, 1929, 28: 361-9.—**Rodríguez, P. A.** Sodium and iodine injection in the treatment of gonorrheal epididymitis. *J. Philippine Islands M. Ass.*, 1926, 6: 223-6.—**Roucaýrol, P. E.** Traitement des épididymites gonococciques par la diathermie. *J. urol. méd., Par.*, 1926, 22: 32-5.—**Saint-Jacques, E.** Traitement de l'orché-épididymite et de la prostatite aiguë gonococcique. *Union méd. Canada*, 1937, 66: 1150-2.—**Sakurai, T.** Treatment of acute gonorrheal epididymitis and acute gonorrheal arthritis by means of the injection of the autogenetic blood and the influence of the treatment on the rapidity of red cell sedimentation of the patients. *Bull. Nav. M. Ass. Tokyo*, 1936, 25: No. 7, 2.—**Salleras, J., & Becke, A. von der.** La autohemoterapia en las epididimitis blennorrhágicas. *Sem. méd., B. Air.*, 1926, 33: pt 2, 718-23.—**Scharman, M.** Eigenbluttherapie bei Epididymitis gonorrhoea. *Wien. klin. Wschr.*, 1927, 40: 1384-7.—**Spurr, R.** La vasotomía como tratamiento de la vesiculitis y epididimitis a basecula. *Rev. espec., B. Air.*, 1926, 1: 969-74.—**Stefanini.** Le traitement indigène de l'orché-épididymite blennorrhagique au Sahara. *Arch. mal. reins*, 1935, 9: 227-31.—**Stone, E.** Comparison of the results of various treatments for acute gonorrheal epididymitis. *J. Urol., Balt.*, 1928, 20: 245-57.—**Ströbel, H.** Die Behandlung der akuten Epididymitis gonorrhoea mit Pyriker. *Derm. Wschr.*, 1937, 105: 1413-8.—**Surraço, L. A.** La sedación inmediata del dolor en las orqui-epididimitis blennorrhágicas. *Dia méd., B. Air.*, 1933-34, 6: 293. — & **Bonnecarrère, E.** La sedación inmediata del dolor en las epididimo-orquitis gonococcicas. *Arch. urug. med.*, 1933, 3: 848-66, pl. Also *Rev. méd. lat. amer., B. Air.*, 1933-34, 19: 449-68.—**Tischenko, A., Poplawski, S., & Fink, M.** [The most effective treatments of gonorrheal epididymitis] *Przegl. dermat., Warsz.*, 1935, 30: 7-17.—**Truc.** A propos des traitements récents de l'orché-épididymite blennorrhagique. *Arch. mal. reins*, 1935, 9: 205-10.—**Valerio, A.** O tratamento das orché-epididymites agudas gonococcicas pelas injeções intra-orché-epididymarias de 1 cc. do proprio sangue. *Fol. med., Rio*, 1931, 12: 387.—**Valverde, B.** Le traitement des orché-épididymites blennorrhagiques par le cyanure de mercure. *Bruxelles méd.*, 1929-30, 10: 316-21.—**Védvy, G.** [Pathogenesis and therapy of gonorrheal epididymitis] *Orv. hetil.*, 1928, 72: 176-80.—**Villemin.** Traitement de l'épididymite gonococcique. *Arch. mal. reins*, 1935, 9: 216-20.—**Volkó, V.** [Treatment of gonorrheal epididymitis] *Bratisl. lek. listy*, 1935, 15: 808-12.—**Wade, H. K.** Treatment of acute gonorrheal epididymitis with special attention to prevention of azoospermia. *J. Urol., Balt.*, 1927, 18: 427-31.—**Wurmser, R.** Un traitement ambulatoire de l'orchite blennorrhagique. *J. urol. méd., Par.*, 1928, 25: 370.—**Ylanan, C. R.** Calcium chloride in the treatment of gonorrheal epididymo-orchitis. *J. Philippine Islands M. Ass.*, 1929, 9: 128-32.—**Zalutsky, G. L.** [Operative treatment of acute, gonorrheal epididymitis] *Khirurgia, Moskva*, 1937, No. 2, 155-63.—**Zorn, R.** Le traitement des épididymites gonococciques par le dmeclos. *Ann. mal. vénér.*, 1935, 30: 494-502.
- **Eye.**
See subheading Ophthalmia.
- **Fallopian tube.**
See subheading Uterus, and adnexa.
- **Forensic aspect.**
See also Divorce; Rape; Venereal diseases, Forensic aspect; also Gonorrhea, Psychopathologic aspect.
- OERNWIGH, A. H.** *Ueber Fälle von Gonorrhoe bei Knaben und ihre medizinisch-gerichtliche Beurteilung. 26p. 8°. Marburg, 1926.
- Brack, E.** Die gerichtsarztliche Begutachtung der männlichen Gonorrhoe und ihrer Folgen. *Deut. Zschr. gerichtl. Med.*, 1932, 422.—**De Lillo, G.** L'infezione blennorrhagica nel quadro del delitto di contagio venereo. *Riforma med.*, 1937, 53: 417-25.—**Gumpert, M.** Gonokokkennachweis und Ehescheidung. *Med. Welt*, 1928, 2: 1427.—**Lorch, H.** Ueber den Gonokokkennachweis in gerichtlich-medizinischer Beziehung speziell in Hinsicht auf die Diagnosestellung auf Grund der Untersuchung von Sekretflecken. *Derm. Wschr.*, 1929, 89: 1358-70.—**Pedersen, V. C.** Gonococcal infection in its relation with bastardy; a social problem study with case report. *Med. Times, N. Y.*, 1927, 55: 227-43.—**Vassiliev, A. I.** [Significance of bacterioscopic examinations of smears in diagnosis of gonorrhea from the view-point of legal medicine] *Urologia, Moskva*, 1934, 11: 10-6.
- **Hematology.**
BEHNSTEDT, H. *Ueber regenerative Verschiebung der weissen Blutzellen und biologische Leukozytenkurven bei Komplikationen der Gonorrhoe. 60p. 23cm. Erlangen, 1935.
- BOLDUAN, E.** *Die Erythrocyten-Senkung im Verlauf der gonorrhoeischen Erkrankung und ihrer Komplikationen. 19p. 22½cm. Greifswald, 1938.
- GERNS, R.** *Ueber das Verhalten der Blutkörperchensenkungsgeschwindigkeit bei venerischen Erkrankungen, mit besonderer Berücksichtigung der chronischen Adnexitisgonorrhoe beim Manne [Göttingen] 19p. 8°. Hannover, 1927.
- Rox, F.** *Ueber die Senkungsgeschwindigkeit der roten Blutkörperchen bei weiblicher Gonorrhoe. 31p. 4 ch. 8°. Bonn, 1933.
- TRAN TAN PHAT.** *Etudes des modifications sanguines au cours de la blennorrhagie aiguë (déductions pratiques) 61p. 8°. Par., 1933.

Batunin, M. P. [Osmotic resistance of erythrocytes in gonorrhea and in its complications]. *Klin. med.*, Moskva, 1929, 7: 774-7. Einbock, E. Die Bedeutung des weissen Blutbildes für die Diagnostik der Gonorrhoe des weiblichen Genitalapparates. *Arch. Gyn.*, Berl., 1931, 146: 78-87. Kartamyshev, A., & Degtiar, A. [Changes of the morphology of blood and urethral pus in gonorrhea in men]. *Sovet. vest. vener.*, 1932, 1: 52-6. Khodetzky, G. V. [Importance of sedimentation of erythrocytes in gonorrhea conditions of the upper genital tract in women]. *Vrach. gaz.*, 1928, 32: 1641. Also *J. akush.*, 1929, 40: 37-40. Kiene, E., & Hammerschmidt, E. Das Verhalten der Senkungsgeschwindigkeit der roten Blutkörperchen bei der Gonorrhoe. *Wien. klin. Wschr.*, 1931, 44: 1023-5. Kravets, D. A., & Bekker, S. M. [On local changes of the blood in gonorrheal affections]. *Akush. gin.*, 1939, 44-7. Leitess, L. R., & Tulberman, D. G. [Phagocytosis in gonorrhea]. *Urologia*, Moskva, 1934, 11: 52-61. Lewin, E. M., & Lewin, M. M. Weisses Blutbild bei experimenteller Gonokokkeninfektion. *Derm. Wschr.*, 1933, 97: 1170-3. Matzdorff, K. Blutbilder bei Gonorrhoe. *Med. Welt*, 1927, 1: 979. Meniushva, Z. S. [Significance of sedimentation reaction in treatment of gonorrhea in women]. *Akush. gin.*, 1937, No. 12, 72-5. Ovchinnikov, N. M., Bokhenek, A. A., & Litvak, R. V. [Phagocytosis or endocytobiosis and its significance in gonorrhea]. *Urologia*, Moskva, 1934, 11: 84-9. Santoianni, G. La reazione emolastica del D'Amato nella blenorragia. *Rinasc. med.*, 1928, 5: 513-7. Stenzel, K. G. Allgemeine Betrachtungen über das Guttadiaphot am Beispiel der Gonorrhoe. *Arch. Derm. Syph.*, Berl., 1929, 158: 143-57. Tarantelli, E. Formula di Arnetti e formula leucocitaria nel sangue e nel pus uretrale di soggetti affetti da blenorragia; influenza su di esse dei preparati acridinici; considerazioni sulla provenienza degli elementi cellulari e sulla fagocitosi del gonococco. *Riforma med.*, 1930, 46: 359-63. Vilenchuk, A. J. [Study of phagocytic properties of serum in gonorrhea treated with calcium, determined by surface tension method]. *Vrach. delo*, 1929, 12: 1033-6. Wittenberg, J., & Fein, M. J. Gonococcal toxiphagocytosis. *Med. Rec.*, N. Y., 1934, 140: 494.

History.

BATEUR, M. *Historique de la prophylaxie et du traitement de la blennorrhagie aiguë de l'homme depuis les origines jusqu'à nos jours. 62p. 24cm. Par., 1939.

Brodney, M. L. The flow of seed in antiquity. *Tr. Am. Neisser, M. Soc.*, 1936, 2: 7-27. The history of gonorrhea among the Greeks and Romans. *Ibid.*, 1937, 3: 92-106. Durel, P. Historique de la blennorrhagie féminine. *Ann. mal. vénér.*, 1935, 30: 582-607, 2 pl. Halbrecht, N. Diagnose und Hygiene der Gonorrhoe bei den Juden des Altertums. *Arch. Derm. Syph.*, Berl., 1926, 150: 134-6. Hirsch, E. W. An historical survey of gonorrhea. *Am. M. Hist.*, 1930, n. ser., 12: 414-23. Kumer, L. Recent results in the study of gonorrhea. *Med. Times*, N. Y., 1937, 65: 387; 425. McCahey, J. F. The history of gonorrheal arthritis. *Brit. J. Vener. Dis.*, 1933, 9: 194-201. Neisser, A. The infectiousness of chronic gonorrhea. *Med. Life*, 1932, 39: 548-52. Pazzini, A. Ancora sulla blenorragia degli antichi. *Rass. clin. ter.*, 1938, 37: suppl., 85-90. Fowler, D. Clap and the pox in English literature. *Brit. J. Vener. Dis.*, 1938, 14: 105-18. Puch, W. S. Gonorrhea; historical notes. *Med. Times*, N. Y., 1929, 57: 133.

Diagnosis and treatment of gonorrhea; a review of recent advances in acute gonorrhea. *Internat. Clin.*, 1930, 40, ser., 2: 150-61. Trifu, V. [Gonorrhea during the era of Louis XIV]. *Romania med.*, 1928, 6: 208. Vecki, V. G. Fifty years of progress in the treatment of gonorrhea. *J. Am. M. Ass.*, 1925, 85: 1609-12. Wehrbein, H. L. Therapy in gonorrhea, an historical review. *Ann. M. Hist.*, 1935, 7: 492-7.

Immunization.

See also Gonorrhea, Arthritis: Treatment: Immunization; Gonorrhea, Fever therapy.

EL MASRY EL GARHY, M. *La vaccinotherapie des affections gynécologiques d'origine gonococcique. 16p. 8°. Genève, 1925.

Alissov, P. A., & Faibich, M. M. [Specific treatment of gonorrhea]. *Vener. derm.*, Moskva, 1930, 7: 59-62. Álvarez Sainz de Aja, E. Las vacunas gonococcicas con urotropina. *Rev. méd. Barcelona*, 1925, 2, ser., 4: 374. Antigenic therapy in gonorrhea. *Ther. Notes*, Dett., 1935, 42: 363-72. Barbellion, G. Contribution à l'étude de la vaccinotherapie antigonococcique. *P. verb. Congr. fr. urol.*, 1932, 32: 355-60. Barbellion, P. Etat actuel de la vaccinotherapie dans la blennorrhagie aiguë. *Rev. gén. clin. théor.*, 1929, 43: 785-90. Bashkirzev, N. I. [Chemovaccinotherapy of gonorrhea based on experimental tests of vaccination in vitro]. *Vener. derm.*, Moskva, 1929, 6: 50-61. Also *Zschr. Urol.*, 1930, 24: 813-51.

Immunisierung von Blut gegen Gonokokken in vitro. *Ibid.*, 1929, 23: 92-100. Biró, S. [A specific immune therapy of gonorrhea]. *Orv. hetil.*, 1936, 80: mell., 91. Rucura, C. Gonokokkenvaccinotherapie. *Seuchenbekämpfung*, 1929, 6: 31-7. Casazza, R. La vaccinoterapia antigonococcica. *Policlinico*, 1934, 41: sez. prat., 1744. Also *Riforma med.*, 1934, 50: 1532-4. Chick, G. Etat actuel de l'immunologie et du traitement de l'infection blennorrhagique. *Progr. méd.*,

Par., 1935, 1482-7. Dmitriev, A. I. [Principles of immunotherapy in gonorrheal complications]. *Sovet. vest. vener.*, 1934, 3: 556-62. Dufke, F. Zur Vakzinetherapie der Gonorrhoe. *Derm. Wschr.*, 1936, 103: 1278-81. Fouquay, Vaccinotherapie dans la blennorrhagie aiguë. *Bull. Soc. fr. urol.*, 1927, 6: 103-6. Also *J. urol. méd.*, Par., 1927, 23: 360-75. François, R. La vaccinotherapie dans la blennorrhagie aiguë. *Clinique*, Par., 1926, 21: 340-2. Frieboes. Neueste Vakzinationsversuche zur Heilung langdauernder komplizierter Gonorrhoe. *Med. Klin.*, Berl., 1931, 27: 795. Also *Verh. Berl. med. Ges.* (1931) 1932, 62: 59-63. García Auyso, J. La vacunoterapia de los focos cerrados gonocócicos. *Med. iber.*, 1935, 29: pt 2, 693-7. Gino Spina, F. La vaccinoterapia serve effettivamente nella cura della blenorragia e sue complicanze? *Gazz. internaz. med. chir.*, 1925, 30: 292; 308. Graça Cueto, N. Vaccinoterapia antigonococcica. *Brasil med.*, 1934, 48: 645-8. Grünfeld, E. Ein neuer Weg zur erfolgreicher Behandlung der Gonorrhoe. *Derm. Wschr.*, 1931, 93: 1550-3. Gynulay, B., & Györfly, I. Spezifische Behandlung der weiblichen Gonorrhoe. *Zbl. Gyn.*, 1938, 62: 1986-91. Jaubert, A., & Goy, P. Contribution à l'étude de la vaccinotherapie des infections d'origine gonococcique. *Bull. Soc. fr. urol.*, 1931, 121-8. Also *J. urol. méd.*, Par., 1931, 31: 398-405. Jausion, H., & Esquier, G. La spécificité vaccinale dans la gonococcie à la lumière de quelques nouveaux essais. *Bull. Soc. fr. urol.*, 1926, 5: 38-43. Also *J. urol. méd.*, Par., 1926, 21: 173-8. Keefer, C. S., & Spink, W. W. The use of antigenococcal serum, gonococcal vaccine and filtrate in the treatment of gonococcal infections. *Am. J. Syph.*, 1937, 21: 241-54. Larnage, de. Le traitement vaccinal dans la blennorrhagie féminine. *Rev. fr. gyn. obst.*, 1938, 33: 698-700. Le Fur, R. Vaccinotherapie et sérotherapie dans la blennorrhagie et ses complications. *Rev. prat. mal. pays chauds*, 1923-24, 3: 559-75. Livshinaia, P. L. [Treatment of gonorrhea in women with antigenococcal vaccine]. *Vrach. delo*, 1925, 8: 282-4. McCrea, E. D'A. Vaccines in the treatment of gonorrhea. *Brit. M. J.*, 1928, 1: 755. Milian, G. Indications respectives des vaccins et des sérums dans la blennorrhagie. *Rev. fr. derm. vénér.*, 1930, 6: 271. Mkrtychjan, A. I., & Khasanov, I. O. Ueber die Spezifität der Immunotherapie bei Komplikationen der Gonorrhoe. *Zschr. urol. Chir.*, 1928, 24: 214-21. Morev, M. L. [Early novovaccination in acute gonorrhea in men]. *Sovet. vrach.*, J., 1937, 2: 435-40. Nasiri, F. Vaccinoterapia antigonococcica. *Arch. biol. Genova*, 1925, 2: 29-61. Olfmayer, M. E. Zur Therapie der Frauen-Gonorrhoe mit Vakzinen. *Wien. med. Wschr.*, 1927, 77: 685-8. Papi, L. C. Autoemo-siero-vaccino-proteino-acridino-acridinovaccinoterapia; immunità locale alla Besedka; vaccinazione locale; nella infezione gonococcica. *Biol. méd.*, Milano, 1931, 7: 175; 227. Pomini, F. Saggi di vaccinoterapia antigonococcica. *Rass. ostet.*, 1931, 40: 135-65. Seltzer, S., & Brunet, W. M. The present status of vaccine therapy in the treatment of gonorrhea in the male. *Ind. J. Vener. Dis.*, 1936, 2: 1-9. Sladovska, M. [Prof. Samberger's vaccinotherapy in gonorrhea in women]. *Cesk. derm.*, 1937, 17: 265-9. Sobolev, L. A., Leibfreud, D. M. [et al.] [Specific immunotherapy of acute gonorrhea in men]. *Vrach. delo*, 1929, 12: 1222-6. Uerményi, R. [Vaccinotherapy in gonorrhea]. *Budapesti orv. ujs.*, 1935, 33: 291-3. Weinerov, I. B. [Combined treatment of gonorrhea with white streptococci and gonovaccine]. *Vrach. delo*, 1940, 22: 55-60. Wolff, F. Grundsätzliches zur Vaccinotherapie der weiblichen Gonorrhoe. *In Beitr. Probl. Gyn.*, Berl., 1924, 89-98. Also *Zbl. Gyn.*, 1926, 59: 1069-78. Zdobnov, I. [Vaccinotherapy by Poinclaux's method in gonorrhea in women]. *Vest. vener.*, 1938, No. 6, 74-8. Zippari Garoba, A. Vaccinoterapia de l'infection blennorrhagique. *Biol. méd.*, Par., 1924, 14: 309-15.

Immunization: Administration of vaccine.

Blümmers. Ueber Gefahren bei der intravenösen Anwendung der Gonokokkenvakzine. *Derm. Wschr.*, 1929, 89: 1125-30. Bruck, C. Ueber die angebliche Gefährlichkeit intravenöser Gonokokkenvakzineinjektionen. *Ibid.*, 1930, 90: 316. Calvini, A. Sul valore della vaccinoterapia endovenosa nell'infezione blennorrhagica. *Ann. med. nav.*, Roma, 1936, 42: pt 2, 223-36. Constantinesco, P., & Dobresco, M. La valeur de la vaccinotherapie intraveineuse dans les gonococcies. *J. urol. méd.*, Par., 1936, 41: 437-47. Corbus, B. C. Intradermal immunization in gonorrhea; an experimental and clinical report. *J. Am. M. Ass.*, 1932, 98: 532-7. De Luca, M. La vaccinoterapia intradermica nella infezione gonococcica. *Rinasc. med.*, 1935, 12: 451. Faibich, G. Ricerche diagnosticoterapeutiche con l'introduzione di vaccini specifici per via endovenosa nell'infezione gonococcica. *Boll. Soc. med. chir.*, Pavia, 1924, 37: 427-64. Fivoli, C. Vaccino-terapia endovenosa nella blenorragia acuta. *Dermosiflografo*, 1938, 13: 216-31. Gaté, J., Guilleret, P., & Boyer, C. E. Action remarquable d'une injection intraveineuse de vaccin antigonococcique faite par erreur, dans une orchépididymite blennorrhagique. *Bull. Soc. fr. derm. syph.*, 1932, 39: 44-6. Iacobovici, I., & Teposu, E. [Intravenous injections of Cantazino's vaccine in the treatment of complicated surgical cases of gonorrheal infection]. *Rev. st. med.*, Bucur., 1927, 16: 101-20. Jaja, G. Vaccino gonococcico e liquido di Lugol, per via endovenosa, nella diagnosi e cura della blenorragia cronica. *Gior. ital. derm. sif.*, 1926, 67: 398-408. Jelinek, K. [Significance of cutaneous vaccination in gonorrhea]. *Bratisl. lek. listy*, 1936, 16: 346-54. Khater. Injection intraveineuse de vaccin antigonococcique. *Bull. Soc. fr. urol.*, 1927, 6: 248. Lilienstein. Erwiderung auf den Aufsatz von Prof.

Dr Brück; über die angebliche Gefährlichkeit intravenöser Gonokokkeninjektionen. *Derm. Wschr.*, 1930, 91: 1411.—**Ludvik, E.** [Cutivaccination in treatment of gonorrhea in men] *Cesk. dermat.*, 1937, 17: 257-65.—**Meyer, L.** Ueber die Behandlung der Gonorrhoe mit intramuskulär angewandter Sammelvakzine. *Derm. Wschr.*, 1930, 91: 1486.—**Planer, R.** Beitrag zur Behandlung der weiblichen Gonorrhoe mit multivalent peroral verabreichbarer Vakzine. *Deut. Aerzte Ztg.*, 1931, 6: No. 273.—**Platzer, K.** Erfahrungen über eine intern verabreichbare Gonokokkenvakzine. *Wien. klin. Wschr.*, 1929, 42: 933-5.—**Verrière, P., & Charvet.** A propos des injections intraveineuses de vaccin antigonococcique dans les complications de la blennorrhagie. *Bull. Soc. fr. dermat. syph.*, 1935, 42: 383-5.—**Weber, E.** Observations sur le traitement général de la blennorrhagie féminine en particulier sur la vaccination intraveineuse. *Paris méd.*, 1938, 109: 495-502.

— Immunization: Administration of vaccine, local.

COPELOVICI, M. *La vaccination régionale par le porte d'entrée; son application au traitement des arthrites et des orchio-épididymites gonococciques. 137p. 8° Par., 1929.

PINAULT, M. G. R. *La vaccinotherapie sous-cutanée et la vaccination locale dans la blennorrhagie. 41p. 8° Par., 1926.

Aitoff. De la vaccination locale dans la gonococcie de la femme. *Presse méd.*, 1928, 36: 1224.—**Bertarelli, E.** Recherches expérimentales sur l'immunisation locale antigonococcique. *Ann. Inst. Pasteur, Par.*, 1928, 42: 452-60. Also *Pensiero med.*, 1928, 17: 63-6.—**Burlakov, I. G., & Zharkovskaya, A. S.** [Treatment of gonorrhea in women by local vaccination] *Sovet. vest. vener.*, 1933, 2: 526-32.—**Chevallier, P., Schulmann, E., & Noricard, R.** Le traitement des complications de la blennorrhagie et plus spécialement de l'orchite par l'injection de vaccin antigonococcique dans la muqueuse primitivement infiltrée. *Gior. ital. dermat. sif.*, 1932, 73: 524-9.—**Ciambellotti, E.** Terapia immunitaria locale nella blennorrhagia. *Dermosilografio*, 1930, 5: 447-55.—**Daunay, R., & Gallet, T.** Traitement de la leucorrhée et des réactions inflammatoires des muqueuses vaginales et du col utérin par la méthode de vaccination locale de Besredka. *Bull. Soc. obst. gyn. Paris*, 1935, 24: 331-6.—**Ewert, E. E., & Herrold, R. D.** Local vaccination in gonorrhea of the male. *Tr. Chicago Urol. Soc.*, 1931, 1: 43-52.—**Gerasimova, V. Z.** [Regional vaccination in gonorrhea in women] *Vest. vener.*, 1938, No. 2, 63-7.—**Guitarte, A.** El tratamiento de la blennorrhagia femina por la vacunación específica en su puerta de entrada. *Sem. méd.*, B. Air., 1932, 39: pt 2, 409.—**Hofstätter, R.** Ueber die Behandlung der Gonorrhoe durch die Vaccination régionale par la porte d'entrée. *Arch. Gyn., Berl.*, 1931, 145: 791-816.—**Langer, E., & Proppe, A.** Die lokale Vakzination bei gonorrhoeischen Erkrankungen. *Deut. med. Wschr.*, 1932, 58: 1837.—**Le Fur, R.** De la vaccination locale en urologie notamment dans la blennorrhagie. *Rev. gén. clin. théor.*, 1926, 40: p. xiii-xvii. — **Janet [et al.]** A propos de la vaccination locale dans le traitement de la blennorrhagie. *Bull. Soc. fr. urol.*, 1927, 6: 168-72.—**Linke, H., & Wiedmann, A.** Ueber die Behandlung der weiblichen Gonorrhoe mit lokaler Vakzination nach Bucura. *Derm. Zschr.*, 1932-33, 65: 240-6.—**Lorenzetti, F.** Sulla vaccinazione regionale curativa e preventiva nella gonorrhea femminile. *Clin. ostet.*, 1929, 31: 577-86.—**Masia, A.** La vaccinazione regionale nella gonorrhea femminile e sue complicazioni. *Gior. ital. dermat. sif.*, 1930, 71: 1370-3.—**Mitani, Y., & Hanazaki, K.** Ueber die Vaccinotherapie nach Bucura bei der Gonorrhoe des Weibes. *Nippon fujikagakkai zasshi*, 1935, 30: 20-2.—**Nicholson, E., & Guitarte, A.** La vacunación específica por la puerta de entrada en el tratamiento de la gonorrhea femenina. *Actas Congr. nac. med.*, B. Air. (1931) 1932, 4. Congr., pt 5, 436-41.—**Niethammer, M.** Ueber die lokale Vaccinotherapie der weiblichen Gonorrhoe. *Arch. Derm. Syph., Berl.*, 1937-38, 176: 375-81.—**Ortega, M. E.** La vacunación regional por la puerta de entrada o el método de Basset-Poincloux frente a la terapéutica de shock i los fenómenos de inmunidad. *An. Soc. med. quir. Guaymas*, 1933, 13: 576-604, pl. 6 ch.—**Pinetti, P.** Note cliniche e sperimentali sulla vaccinoterapia locale nella blennorrhagia femminile. *Rass. internaz. clin. ter.*, 1932, 13: 1231-46.—**Saradzhev, V. A.** [Cases of local application of gonococcal vaccine] *Vrach. gaz.*, 1929, 33: 221-4.—**Schwarz, J.** Die regionale Vakzination bei der weiblichen Gonorrhoe. *Wien. klin. Wschr.*, 1932, 45: 916.—**Tommaselli, A.** Sulla vaccinoterapia, dalla porta d'entrata, nella blennorrhagia della donna e sue complicazioni. *Morgagni*, 1930, 72: 1455-66.

— Immunization: Antivirus and filtrates.

Balsamelli, F. Ricerche sperimentali sull'azione degli antivirus specifici ed aspecifici sul gonococco. *Boll. Ist. sieroter. milan.*, 1934, 13: 420-6, pl.—**Bass, A.** Antivirus-therapie dans les infections à gonocoques. *Presse méd.*, 1930, 38: 1537-9.—**Bertarelli, E.** Intorno all'antivirus gonococcico e agli pseudovirus: a proposito di una nota di un nuovo vaccino. *Gior. ital. dermat. sif.*, 1928, 69: 1477-9.—**Clark, L. T., Ferry, N. S., & Steele, A. H.** Studies of the properties of a

boillon filtrate of the gonococcus. *J. Bact., Balt.*, 1931, 21: 58. Also *J. Immun., Balt.*, 1931, 21: 233-43. Also repr.—**Corbus, B. C.** An evaluation of the gonococcus boillon filtrate (Corbus-Ferry) a statistical report of 10,000 cases. *South. M. J.*, 1936, 29: 710-3. — Serological control of Neisserian infections by means of the boillon filtrate (Corbus-Ferry). *Med. Clin. N. America*, 1938, 22: 181-9.—**Cumming, R. E., & Burhans, R. A.** Experiences with the gonococcus filtrate (Corbus-Ferry) and other forms of intradermal therapy in the treatment of gonorrhea. *J. Am. M. Ass.*, 1935, 104: 181-6.—**Dachschlöger, E. K., Korshakova, A. S., & Pevzner, Y. I.** [Effect of gonococci boillon-filtrate on gonorrhea in men and children] *Sovet. vest. vener.*, 1934, 3: 164-8.—**Deakin, R.** The Corbus-Ferry gonococcus boillon filtrate: a clinical study. *J. Am. M. Ass.*, 1936, 107: 954-6.—**Finkelstein, I. A., & Timokhina, M. J.** [Properties of gonococcal filtrate] *Sovet. vest. vener.*, 1932, 1: 43. Also *Zschr. Immunforsch.*, 1932, 76: 46.—**Garfunkel, A., & Aranibar Uribe, J. C.** Algunas observaciones de blenorragias tratadas con filtrado gonococcico. *Prensa méd. argent.*, 1936, 23: 2800-3.—**Gonococcus filtrate** (Corbus-Ferry) not acceptable for N. N. R. *J. Am. M. Ass.*, 1938, 110: 47.—**Jamieson, W. R.** The filtrate treatment of acute gonorrhea: case reports. *Southwest. M.*, 1936, 20: 251.—**Karysheva, K.** [Treatment of gonorrhea in women and girls by lysozyme] *Vest. vener.*, 1939, No. 4, 47-50.—**Köhler, R., & Porges, H.** Zur Behandlung des Fluors mit Antivirus Besredka. *Zbl. Gyn.*, 1928, 52: 3232-4.—**Lewin, E. M.** Ueber die Wechselbeziehungen zwischen Gonokokken und Gonokokkenantivirus. *Derm. Wschr.*, 1933, 96: 128-31.—**McKenna, W. F., Goldfeder, P., & Fishberg, M.** Gonococcus filtrate (Corbus-Ferry) in the treatment of gonorrhea. *Med. Times, N. Y.*, 1936, 64: 232-5.—**Miller, H. L.** Gonococcus filtrate. *Urol. Cut. Rev.*, 1936, 40: 409-13.—**Molina, A.** Influenza sul gonococco dei filtrati al gonococco secondo Besredka. *Pensiero med.*, 1928, 17: 512-4.—**Nicoletti, V.** Sull'antivirus del gonococco. *Riforma med.*, 1929, 45: 329-31.—**Rotenberg, M. I.** [Lysatotherapy in gonorrhea in men] *Urologia, Moskva*, 1937, 14: 81-6.—**Scalfi, A.** Sulle proprietà antimolitiche dei filtrati gonococcici ed antivirus. *Boll. Ist. sieroter. milan.*, 1935, 14: 1060-6.—**Sherman, W. L.** Antivirus treatment of gonorrhea. *Tr. North Centr. Am. Urol. Ass.*, 1935, 56-60. Also *J. Urol., Balt.*, 1936, 35: 546-50. Also *Urol. Cut. Rev.*, 1938, 42: 81-7.—**Spence, H. M.** Some observations on the treatment of gonorrhea in the male with special reference to the Corbus-Ferry filtrate. *J. Oklahoma M. Ass.*, 1935, 28: 442-7.—**Tarantelli, E.** Sull'antivirus del gonococco. *Riforma med.*, 1929, 45: 108-10.—**Vallette, A.** Antivirustherapie dans la blennorrhagie des fillettes. *Bull. Soc. pédiat. Paris*, 1938, 36: 529-32.—**Wolfram, S.** Ueber die Behandlung gonorrhoeischer Komplikationen mit aufgelösten Gonokokken. *Derm. Wschr.*, 1938, 106: 605-9.

— Immunization: Effect.

Babenkova, M. P. [Morphological changes of the blood during use of gonovaccine] *Akush. gin.*, 1937, No. 7, 89-91.—**De Giorgio, A.** Il potere battericida del sangue verso il gonococco nell'individuo sano e nel blenorragico in corso di terapia vaccinica. *Boll. Ist. sieroter. milan.*, 1938, 17: 662-72.—**De Gregorio, E., & Murna, J.** La vacunoterapia gonococcica en las complicaciones blenorragias y su influencia en la velocidad de sedimentación globular. *Arch. med., Madr.*, 1934, 37: 790-7.—**Hustin, A.** Variations de la température provoquée chez l'homme par l'injection de gonovaccine. *Presse méd.*, 1933, 41: 497-9.—**Marjassin, S., & Peischerski, B.** Morphologische Blutveränderungen bei der Gonorrhoe nach Anwendung einiger immun-therapeutischer Präparate. *Zschr. Urol.*, 1929, 23: 266-75.—**Neubold, G.** Quadri ematologici e reazione emoclasica in corso di terapia vaccinica antigonococcica. *Gazz. osp.*, 1938, 59: 107-11.—**Peruccio, L.** Insorgenza in individuo blenorragico di un eritema a tipo polimorfo in seguito ad iniezioni intradermiche di vaccino gonococcico. *Gior. ital. dermat. sif.*, 1935, 76: suppl. 17.—**Sanjurjo D'Arellano, I.** De l'action et de l'inefficacité des vaccins dans le traitement de la blennorrhagie; essai d'interprétation. *J. urol. méd., Par.*, 1930, 30: 195-8.—**Tóth, L.** [Blood picture during vaccine therapy of gonorrhea in women] *Budapesti orv. ujs.*, 1939, 37: 459-61.

— Immunization: Results.

WILDNER, R. D. *Kritische Uebersicht über die Vaccinebehandlung der Gonorrhoe und über unsere Erfahrungen mit dieser Methode [Rostock] 55p. 8° Berl., 1926.

Barbellion, P. Etat actuel de la vaccinotherapie dans la blennorrhagie aigüe. *J. urol. méd., Par.*, 1929, 28: 8-27.—**Duvergey, Dax, & Ramarony.** Contribution à l'étude de la vaccination dans la blennorrhagie; résultat de 202 cas de vaccination antigonococcique. *Bull. Soc. fr. urol.*, 1926, 5: 230-5.—**Gaschke, R.** Neuere Erfahrungen in der Therapie der männlichen und weiblichen Gonorrhoe. *Wien. med. Wschr.*, 1928, 78: 1502.—**Porudominsky, I. M.** [Therapeutic value of various gonococcal vaccines] *Urologia, Moskva*, 1940, 17: 71-5.—**Present (The)** status of vaccine therapy in the treatment of gonorrhea of the male. *Ind. M. Rec.*, 1937, 57: 113; 154.

— Immunization: Serum and antitoxin.

Anwyl-Davies, T. Treatment of gonorrhoea with a specific antitoxin. *Brit. M. J.*, 1937, 1: 321-4. — Antitoxin therapy in gonorrhoea. S. Thomas Hosp. Rep., Lond., 1937, 2, ser., 2: 67-76, pl. — Boor, A. K., & Miller, C. P., jr. Nucleo-protein and non-protein substances isolated from the gonococcus serum. *Proc. Soc. Exp. Biol.*, N. Y., 1931, 28: 1048. — Burke, E. T., Gabe, J. [et al.] Gonococcal antitoxin in the treatment of gonorrhoea. *Brit. M. J.*, 1938, 1: 605-12. — Finkelstein, U. A., Weinberg, R. J. [et al.] [Certain properties of the gonococcal serum and methods of its preparation] *Sovet. vrach. gaz.*, 1933, 37: 1047-53. — Gabrićlova, Z. [Treatment of gonorrhoea with convalescent serum] *Cas. lek. česk.*, 1939, 78: 373-5. — Gonococcus antitoxin. *Brit. M. J.*, 1937, 1: 335. — Gräll, A. propos de l'éruption sérique (sérum antigonococcique) *Dauphiné méd.*, 1910, 34: 65-70. — Jobst, P. Unsere Erfahrungen mit dem Szilvássischen Antigonokokkenserum. *Derm. Wschr.*, 1934, 98: 617-51. — Keefer, C. S., & Spink, W. W. Studies on gonococcal infection; the effect of mucin on the bacteriolytic power of whole blood and immune serum. *J. Clin. Invest.*, 1938, 17: 23-30. — Lana Martínez, F. Tratamiento de la blenorragia crónica y rebelde por las inyecciones de suero de convalecientes. *Actas derm. sif.*, Granada, 1939-40, 31: 25-43. — Lusztig, A. Die Herstellung eines Gonokokken-immunserums; zugleich Beitrag zur Biologie der Gonokokken. *Zbl. Bakt.*, 1. Abt., 1933, 128: 88-110. — Spada, C. Sulla terapia sulfamidica nell'infezione blenorragica e sull'anticoecina. *Boll. Ist. sieroter. milan.*, 1940, 19: 385-401. — Szép, J. [Passive immunization with human antigonococcal serum] *Orv. hetil.*, 1937, 81: 937-41. Also *Derm. Wschr.*, 1937, 76: 262-72. — Szilvási, G. [Serotherapy in gonorrhoea] *Gyógyászat*, 1931, 71: 245-7. — Valerio, A. Two cases of post-antigonococcal serum brachial paralysis. *Urol. Cut. Rev.*, 1940, 44: 294. — Waugh, J. R. Treatment of sulfanilamide-resistant gonorrhoea by gonococcus antitoxin. *Hosp. News*, Wash., 1938, 5: No. 10, 30-5.

— Immunization: Toxin and anatoxin.

Barbellion, P., & Monceaux, R. Essais de traitement de la blenorragie par injection d'endoprotéines gonococciques. *Bull. Soc. fr. urol.*, 1935, 210. Also *J. urol. méd.*, Par., 1935, 39: 571. — Castellino, P. G. Prime osservazioni sull'azione terapeutica della tossina gonococcica formulata nell'infezione blenorragica: nota preventiva. *Riforma med.*, 1939, 55: 58-61. — L'antostovaccino gonococcico nella terapia della blenorragia. *Ibid.*, 1717-22. — Clements, P. A., & Oliver, J. Gonococcus ecto-antigen; discussion. *Brit. J. Vener. Dis.*, 1933, 9: 166-72. — Corbus, B. C., & O'Connor, V. J. Intradermal injections of gonococcal bouillon filtrate; an experimental report. *J. Urol.*, Balt., 1930, 24: 333-42. — Dmitriev, A. I., Iov, D. S., & Pevzner, J. I. [Treatment of gonorrhoeal complications with gonopolysaccharide and gonoprotein] *Vest. vener.*, 1938, No. 3, 65-71. — Jausion, H., Pecker, A. [et al.] Des avantages de la vaccinotherapie des blenorragies par une elatine gonococcique. *Bull. Soc. méd. hôp. Paris*, 1933, 3, ser., 49: 890-9. Also *J. méd. Paris*, 1933, 53: 821-5. — Lambkin, E. C. A preliminary note on the employment of certain constituents of the gonococcus in treatment and other constituents in tests of cure. *Brit. J. Vener. Dis.*, 1927, 3: 33-52. — Landt, F. Zur lokalen Injektion des Complicons bei Gonorrhoe (Prostatitis und Bartholinitis) *Derm. Wschr.*, 1936, 102: 165. — Langer, E. Ergebnisse der Gonorrhoebehandlung mit Complicon nach Pieper und Wolfenstein. *Med. Klin.*, Berl., 1932, 28: 1235. — Linde, E. I. [Treatment of ascending gonorrhoea in women with gonoprotein and gonopolysaccharide] *Vest. vener.*, 1939, No. 2-3, 51-9. — Luttenberger, A. Klinische Erfahrungen bei der Gonorrhoebehandlung mit dem Gonokokkentoxin Complicon. *Med. Klin.*, Berl., 1933, 29: 748. — Oliver, J. O. Gonococcus ecto-antigen. *Brit. J. Vener. Dis.*, 1933, 9: 159-65. — Reizlauff, K. Spezifische Behandlung der chronischen weiblichen Gonorrhoe mit löslichem Gonokokkentoxin. *Zbl. Gyn.*, 1932, 56: 58-62. — Vintiri, V., & Albescu, V. Le polysylat microbien dans le traitement des arthrites et des épididymites blenorragiques. *J. urol. méd.*, Par., 1935, 40: 235-41.

— Immunization: Vaccine preparations.

BRUSCHETTINI, A. Contribution à l'étude du vaccin antipyogène polyvalent et du vaccin antigonococcique; observations. 15p. 8°. Genova, 1924.

FAHR, H. *Vaccinotherapie gonorrhoeischer Prozesse unter besonderer Berücksichtigung des Complicons. 31p. 21cm. Bonn, 1937.

GARIBALDI, A. *Intensificazione de l'efficacità dei vaccini antigonococcici per l'adnazione d'une solution de lécithine colloïdale. 62p. 8°. Par., 1937.

GHAFOUR LOUTFI, A. *Vaccinotherapie en général et vaccinotherapie antigonococcique en particulier; étude sur les modes de préparation des vaccins. 27p. 8°. Genève, 1934.

Adler-Rácz, A. Erfahrungen mit Yatren-Vakzinen in der Behandlung der männlichen Gonorrhoe. *Zschr. Urol.*, 1925, 19: 759-67. — Adragna, N. Ulteriori osservazioni sull'impiego di calcio-vaccino gonococcico nella cura della blenorragia. *Cult. med. mod.*, Pal., 1933, 12: 51-6. — Arnaud, A. Vaccin antigonococcique actif contre l'écoulement. *Ann. Soc. belge méd. trop.*, 1934, 14: 5. — Bertoloty, R. La livovaccina gonococcica en el tratamiento de la blenorragia. *Med. ibera*, 1935, 29: pt 2, 161-5. — Ch'in, T. L. A comparative study on the antigenicity of gonococcus vaccine inactivated by heat and by photodynamic action. *Chin. M. J.*, Suppl., 1940, 3: 480-6. — Chylewski, M. [Treatment of gonorrhoea with specific vaccines, especially with Multigon] *Nowiny lek.*, 1938, 50: 537-41. — Delater & Abramow. Orientation moderne du traitement biologique de la blenorragie; les vaccins plurivalents colloïdaux. *Bull. Soc. méd. Paris*, 1929, 346-51. — Dembskaia, V. E. [Twenty-fifth anniversary of gonococcal vaccine] *Sovet. vest. vener.*, 1934, 3: 994-9. — Durdello, E. [Our experience with the antigonorrhoeal vaccines of the State Health Service] *Cesk. derm.*, 1926-27, 8: 175; 207. — Eisler, M. Blenno-Vakzine. *Aerzt. Prax.*, 1936, 10: 134. Also *Wien. klin. Wschr.*, 1936, 49: 148. — Ferguson, C., & Mee, R. A., & Usilton, L. J. Comparative effect of stock vaccine with convalescent serum and stock vaccine with commercial antigonococcal serum in the treatment of gonorrhoeal arthritis and epididymitis. *Vener. Dis. Inform.*, 1931, 12: 1-7. — Frontstein, R. M. [Standardization of gonococcal vaccine] *Vener. derm.*, Moskva, 1931, 8: 39-41. — Fröhwald, R. Ueber Arthritidenbehandlung. *Prakt. Arzt*, 1917, 57: 81-8. — Goetz, P. Ueber die Verwendung von Antigen in der gynäkologisch geburtschilflichen Praxis. *Zbl. Gyn.*, 1934, 58: 1414-6. — Hirata, T. Nachweis der Phagozytose hindernder Substanz in der Gonokokken-Vakzine des Serum-Instituts der Universität Tokio. *Acta derm.*, Kyoto, 1929, 13: 135. — Hughes, F. A. El uso de la vacuna antigonococcica del Instituto de Higiene en las complicaciones de origen blenorragico. *Arch. urug. med.*, 1934, 5: 452-4. — Kochetov, B. P., & Fain, A. E. [Application of Gala-gonovaccine in acute gonorrhoea and its complications] *Vest. vener.*, 1938, No. 4, 55-9. — Kois, A. Die Therapie der akuten Gonorrhoe mittels gegorener Gonokokkenvakzine. *Fortsch. Ther.*, 1935, 11: 652-8. — Lambkin, E. C., & Diamond, L. The employment of polar-body developing strains of the gonococcus in treatment of gonococcal infection. *Brit. M. J.*, 1927, 2: 302-5. — Lejman, K. [The vaccine Multigon in the clinical treatment of gonorrhoea] *Polska gaz.*, 1937, 16: 8. — Maderno, C. Emploi des stomosines dans la blenorragie et ses complications. *Bull. méd.*, Par., 1926, 40: 381-5. — Nakagawa, K. Nachweis des in gewöhnlichen Gonokokkenvakzinen enthaltenen Impedens; Prüfung der sensibilisierten Gonokokkenvakzine in ihren Komponenten. *Arch. jap. Chir.*, 1937, 14: 46. — Neuer, J. Eine neue Packung der Gonokokkenvakzine des Wiener Staatlichen Serotherapeutischen Instituts. *Wien. klin. Wschr.*, 1928, 41: 1750. — Papagno, M. La stomosinoterapia specifica nella congiuntivite ed uretrite gonococcica. *Lettura oft.*, 1931, 8: 171-81. — Pieper, E., & Wolfenstein, W. Untersuchungen über die Spezifität des Complicons. *Med. Welt*, 1933, 7: 1140. — Pintér, K. [Experience with the Dimonach vaccine in treatment of blenorrhoea] *Budapesti orv. ujs.*, 1937, 35: 1061-6. — Price, I. N., & King, A. J. Treatment of acute gonorrhoea by means of a new gonococcal vaccine of low toxicity. *Brit. M. J.*, 1934, 1: 748-52. — Rebenwurz, F. [Treatment of gonorrhoea with Gonorapid sc. Hecht] *Voj. zdrav. listy*, 1937, 13: 240-7. — Rieger, O. Behandlungsversuche mit Gonokokkenvakzinen des Wiener Serotherapeutischen Instituts. *Wien. klin. Wschr.*, 1930, 43: 1082. — Romano, P. Il vaccino gonococcico dell'Istituto sieroterapico milanese nella cura della blenorragia e delle sue complicanze. *Terapia*, Milano, 1928, 18: 264-74. — Schaefer, R., & Geier, F. Führt die Anwendung von GC-Impfstoffen (Arthritogen) zu Leberschädigungen? *Arch. Derm. Syph.*, Berl., 1939, 179: 173-82. — Schreibmann [Treatment of complicated gonorrhoea with arthritogen (gonococcal vaccine)] *România med.*, 1928, 6: 101. — Sherichorina, S. I., & Chushinsky, F. R. [Prof. V. V. Suknev's gonococcal Gala-vaccine] *Vest. mikrob.*, 1935, 14: 135-41. — Simon, F. Zur Reiz-Vakzine-Behandlung der Gonorrhoe mit Gono-Yatren, insbesondere zur Dosierung des Mittels. *Med. Klin.*, Berl., 1925, 21: 1931. — Stopezzafski, J. [Vaccines and gonoyatren treatment in gonorrhoeal complications] *Polska gaz. lek.*, 1926, 5: 451-3. — Timokhina, M. J. [Nutrient medium for the production of gonococcal vaccines] *Vest. vener.*, 1938, No. 3, 72-4. — Traitement des affections dues au gonocoque par la vaccinotherapie; emploi du dmégon; indications et résultats. *Biol. méd.*, Par., 1922, 12: pt 2, 81-98.

— Immunization: Vaccine preparations, autogenous.

Audebert & Extieny, E. Nouvelle observation de gonococce traitée pendant la grossesse par l'auto-vaccin de Giscard. *Bull. Soc. obst. gyn. Paris*, 1929, 18: 678. — Audebert & Giscard, J. B. De l'auto-vaccinotherapie dans la gonococce de la puerperalité. *Ibid.*, 632 5. Also *J. méd. Paris*, 1929, 48: 1019. Also *Rev. fr. gyn. obst.*, 1929, 24: 145-7. — Bucura, C. Ueber Gonokokkenvakzinen, insbesondere Automischvakzinen. *Wien. klin. Wschr.*, 1933, 46: 141. — Castellino, P. G. Autovaccino polimicrobico nella blenorragia. *Gior. ital. derm. sif.*, 1926, 67: 1606-17. — Darget, R., & Boileau, A. L'autovaccination locale dans le traitement de la blenorragie. *Bull. Soc. fr. urol.*, 1927, 6: 33-46. Also *J. urol. méd.*, Par., 1927, 23: 139-52. —

Duropt. Ce qu'il faut entendre par gonocoque; technique de préparation des auto-vaccins anti-gonococciques. *J. méd. fr.*, 1926, 15: 92-8.—**Hecht, H.** Ueber Behandlung gonorrhoeischer Komplikationen mit Eigeneiweissvakzine. *Münch. med. Wschr.*, 1925, 72: 2231.—**Janet, J., & Debains.** Quelques cas d'auto-vaccination gonococcique. *J. urol. méd. Par.*, 1933, 36: 499.—**Kersten, H. E.** Ueber Gonokokkenvakzinen, insbesondere Automischvakzinen. *Wien. klin. Wschr.*, 1933, 46: 140.—**Litwak, L. I., & Schister, I. S.** Ueber die Autopourvakzinebehandlung der Gonorrhoe und ihre Komplikationen. *Derm. Wschr.*, 1931, 93: 1735-9.—**Lodato, G.** Un caso di artrite gonococcica dell'articolazione della mano destra ed uno di uretrite cronica localizzata, curati con pus blenorragico diluito in soluzione di fenolo sintetico. *Arch. ital. sc. med. col.*, 1927, 8: 77-80.—**Manca-Pastorino, V.** Sul trattamento della blenorragia con autovaccino preparato col siero del malato. *Gior. ital. derm. sif.*, 1928, 69: 582-90.—**Tedeschi, C.** Un metodo semplice e pratico di autovaccinazione; terapia della blenorragia. *C. rend. Congr. internat. méd. trop.*, 1928, 1. Congr., 3: 941-3. Also *Gazz. internaz. med. chir.*, 1929, 37: 360.—**Valverde, B.** Cultura do esperma e auto-vaccina no tratamento da blenorragia chronica. *Bol. Acad. nac. med., Rio*, 1925, 97: 727-33.

— Immunization: Vaccine preparations: Living culture.

HUSSEL, F. *Erfahrungen bei der Anwendung von Lebend-Go-Mischvaccine in der Behandlung hartnäckiger und chronischer Gonorrhoe [Münster] 30p. 8°. Ansbach, 1932.

SCHULTE, A. *Experimentelle Untersuchungen zum Problem der Behandlung mit lebenden Bakterien und praktische Ergebnisse bei der Behandlung Gonorrhoeerkrankter mit lebenden Gonokokken. 30p. 8°. Rostock, 1931.

THOMSEN, F. *Bedeutet die Gonokokken-lebendvaccine einen Fortschritt in der Vaccinebehandlung der weiblichen Gonorrhoe? 31p. 8°. Kiel, 1929.

TÖRKEN, J. P. A. *Zur Gonovitanfrage. 72p. 8°. Gött., 1931.

Bertoloty, R., & Herráiz, L. La inmunización activa en blenorragia mediante gonococos vivos. *Med. iber.*, 1935, 29: 137-41. Also *Urol. Cut. Rev.*, 1936, 40: 88-93.—**Vacunación con gérmenes vivos en la blenorragia.** *Med. iber.*, 1935, 29: 189.—**Blut, F.** Erfahrungen mit Lebendvaccine (Gonovitan) bei der Gonorrhoe des Mannes. *Med. Klin., Berl.*, 1928, 24: 1625-7.—**Edel, W.** Zur Behandlung der Gonorrhoe mit Gonokokkenlebendvakzine. *Derm. Zschr.*, 1932, 64: 167-72.—**Felke, H.** Zwischenfälle bei der Go-Lebendvaccination, zugleich ein Beitrag zur Epidemiologie der Gonorrhoe. *Med. Klin., Berl.*, 1932, 28: 644.—**Wesen und Wert der Lebendvakzinebehandlung der Gonorrhoe.** *Derm. Zschr.*, 1933, 66: 168-75.—**Frieboes, W.** Ist Gonovitan eine Gonokokken-Lebendvakzine? *Münch. med. Wschr.*, 1929, 76: 581.—**Nagell.** Zum Problem der Lebend-Vaccinierung in der Dermatologie. *Med. Welt*, 1930, 4: 1531-3.—**Gergely, G.** Ueber die Behandlung der weiblichen Gonorrhoe mit Gonovitan. *Zbl. Gyn.*, 1931, 55: 595-600.—**Hesse, M., & Obermayer, M. E.** Intrakutane Impfung mit lebenden Gonokokken. *Wien. klin. Wschr.*, 1927, 40: 613-6.—**Jelinek, K.** Ueber die Vakzinetherapie der Gonorrhoe mit Gonovitan. *Med. Klin., Berl.*, 1937, 33: 676.—**Levinthal, W.** Zur Bakteriologie des Gonovitans. *Deut. med. Wschr.*, 1929, 55: 1793.—**Linde & Timokhina** [Treatment of complicated gonorrhoea in women with living gonococcal culture] *Sovet. vest. vener.*, 1933, 2: 519-26.—**Loeser, A.** Heilung der chronischen weiblichen Gonorrhoe mit Frischvaccine und Lebendvaccine. *Med. Klin., Berl.*, 1926, 22: 1338-40.—**The cure of chronic gonorrhoea in the female by means of a single subcutaneous injection of live gonococci.** *Am. J. Obst.*, 1927, 14: 329-33.—**Le traitement de la gonococcie chronique de la femme par les injections sous-cutanées de cultures vivantes de gonococques d'après l'expérience de 1,500 injections environ.** *Bull. Soc. obst. gyn. Paris*, 1929, 18: 603-6. Also *Rev. fr. gyn. obst.*, 1929, 24: 732-41. Also *Zbl. Gyn.*, 1930, 54: 163-71.

— Weitere Erfahrungen bei der Behandlung der chronischen Gonorrhoe der Frau mit Lebendvaccine (Gonokokkenkulturen) unter besonderer Berücksichtigung der Dauerresultate. *Med. Klin., Berl.*, 1929, 25: 106.—**Die rationelle Therapie der weiblichen chronischen Zervix- und Adnexgonorrhoe mittels Lebendvakzine.** *Verh. Berl. med. Ges.* (1931) 1932, 62: Teil 2, 53-9.—**L'immunisation active par injection intradermique de cultures gonococciques vivantes, une thérapeutique de la blenorragie chronique du col et des annexes de l'utérus de la femme.** *Rev. fr. gyn. obst.*, 1938, 33: 587-98.—**Novikov, A. I.** [Treatment of gonorrhoea in men with living gonococcal culture] *Vest. vener.*, 1937, 404-8.—**Peralta Ramos, A., & Peláez de Biondini, P.** La vacuna viva en el tratamiento de la blenorragia femenina. *Bol. Acad. nac. med. B. Aires*, 1939, 1006-11. Also *Prensa méd. argent.*, 1940, 27: 127-9.—**Reichert, F.** Ist Gonovitan eine Gonokokken-Lebendvakzine? *Münch. med. Wschr.*, 1929, 76: 375.—**Zur Bakteriologie des Gonovitans.** *Deut. med. Wschr.*, 1930,

56: 96.—**Schilling, B., & Buchgraber, J.** [Treatment of female gonorrhoea with living gonococci] *Gyógyászat*, 1933, 73: 211-3.—**Schultz, W.** Gonorrhoe-Behandlung mit Lebendvaccine. *Zbl. Gyn.*, 1935, 59: 306-10.—**Sommer, S.** Ueber die intrakutane Lebendvakzine-Behandlung der weiblichen Gonorrhoe. *Mtschr. Geburtsh. Gyn.*, 1934, 97: 339-48.—**Wolff, F.** Die Lebend-Vaccinebehandlung der chronischen Gonorrhoe. *Arch. Gyn., Berl.*, 1927, 132: 76-9 [Discussion] 83-6.—**Erfahrungen mit Gonokokkenlebendvakzine und Gonovitan.** *Deut. med. Wschr.*, 1928, 54: 1632-4.—**Klinische Erfahrungen bei der Behandlung chronischer Gonorrhoe der Frau mit Gonokokkenlebendvaccine, zugleich ein Beitrag zur Anwendung der Lebendvaccine Gonovitan.** *Zbl. Gyn.*, 1928, 52: 674-86.—**Zur Bakteriologie und Klinik des Gonovitans und der Gonokokken-Lebendvaccine.** *Klin. Wschr.*, 1929, 8: 1496.—**Blut.** Ist Gonovitan eine Gonokokken-Lebendvakzine? *Münch. med. Wschr.*, 1929, 76: 203.—**Zalkind, L. A.** [Treatment of gonorrhoea in women with living gonococcal culture] *Vest. vener.*, 1937, 409-13.

— Immunization: Vaccine preparations, mixed.

DIECKMANN, F. *Erfahrungen über die Auto- und Mischvaccinebehandlung der Gonorrhoe. 23p. 8°. Tüb., 1930.

ESSLINGER, G. Die Behandlung der Gonorrhoe durch submucöse Applikation von Mischvaccine [Tübingen] 23p. 8°. Rottweil, 1933.

Caesar, V. Die Behandlung der weiblichen Gonorrhoe mit Mischvaccinen. *Zbl. Gyn.*, 1931, 55: 276-81.—**Clara, O.** Ueber die Behandlung der weiblichen Gonorrhoe mit Gonokokken-Mischvakzine. *Derm. Zschr.*, 1931, 62: 15-9.—**De Cesare, G.** L'efficacia del vaccino misto nella terapia dell'infezione blenorragica dell'uomo. *Terapia*, Milano, 1932, 22: 353-7.—**Gottlieb, H.** Noch einmal die Behandlung der weiblichen Gonorrhoe mit Mischvaccinen. *Zbl. Gyn.*, 1932, 56: 1227-9.—**Laubscher, W.** Behandlung der Gonorrhoe mit Mischvaccine nach Tausch. *Ibid.*, 1876.—**Loeb, H.** Vakzinemischung, Sammelmakzine, zur Gonorrhoeotherapie. *Münch. med. Wschr.*, 1927, 74: 2020.—**Sammelmakzine zur Gonorrhoeotherapie.** *Arch. Derm. Syph., Berl.*, 1928, 155: 170.—**Schumacher, F., & Kiewe, H.** Autovaccine und multivalente Mischvaccine in der ascendierten Gonorrhoe des Weibes. *Arch. Gyn., Berl.*, 1925, 126: 233-50.—**Schwarz, J.** Blennovakzine und Mischvakzine. *Med. Klin., Berl.*, 1936, 32: 569-72.—**Tausch, B.** Die Behandlung der weiblichen Gonorrhoe mit Mischvaccinen. *Zbl. Gyn.*, 1930, 54: 2129-35.

— Immunology.

See also subheadings Diagnosis; Hematology; Immunization; Recurrence; also **Gonoreaction.**

Aronstam, N. E. Immunity and susceptibility in relation to gonorrheal infections. *Med. World*, 1939, 57: 587.—**Bruck, C.** Immunität bei Gonorrhoe. In *Handb. Haut Geschlkr.* (A. G. Alexander) *Berl.*, 1934, 20: pt 1, 163-71.—**Cohn, A.** Immunity in gonococcal infection. *Tr. Am. Neisser, M. Soc.*, 1939, 5: 28-31.—**Dembaskaia, V. E.** [Immunity in gonorrhea] *Urologia*, Moskva, 1937, 14: 78-86.—**Dieterich, O.** Heilungsdauer und Abwehrfähigkeit gonorrhoeischer Infektionen. *Med. Welt*, 1932, 6: 306.—**Gieszykiewicz, M., & Terajewicz, W.** [Serological study of gonorrhea] *Polska gaz. lek.*, 1927, 6: 297-9.—**Günsberger, O. D., & Fischer, O.** Lipide als Adsorbentien nichtlipoider Antigene; gleichzeitig ein Beitrag zur Serologie der Gonorrhoe. *Schweiz. med. Wschr.*, 1934, 64: 1028-30.—**Jenkins, C. E.** Study of agglutination of the gonococcus in man. *Brit. M. J.*, 1926, 2: 11.—**Nagell, H.** Zum heutigen Stande der Serologie der Gonorrhoe. *Arch. Derm. Syph., Berl.*, 1933, 169: 212-5.—**Pelouze, P. S.** The immunologic aspects of gonococcal infection. *J. Am. M. Ass.*, 1934, 103: 1819-21.—**Robinson, G. H.** Bactericidal property of whole blood of women infected with the gonococcus. *J. Infect. Dis.*, 1926, 39: 61-6.—**Saigraev.** L'immunité dans la blenorragie. *J. urol. méd., Par.*, 1929, 28: 465-75.—**Shishov, I. F.** [Immunity in gonorrhea] *Urologia*, Moskva, 1932, 10: 70-3. Also *Urol. Cut. Rev.*, 1934, 38: 329-31.—**Smolka & Brekenfeld.** Zur Serologie der männlichen Gonorrhoe. *Veröff. Heer. San.*, 1934, H. 92, 153-67.—**Spink, W. W., & Keefer, C. S.** The bacteriolytic power of the whole defibrinated blood of patients with gonococcal arthritis. *J. Clin. Invest.*, 1937, 16: 177-83.—**Topous Khan, W.** La sérologie gonococcique. *J. Egypt. M. Ass.*, 1935, 18: 602-8.—**Yousif Bahgat Abdodosh.** Studies on the serology of the gonococcus. *Ibid.*, 1934, 17: 189-203.

— Incubation.

See also **Gonorrhoea, Course.**

Borisovsky, N. M. [Question of incubation period in acute urethral gonorrhea] *Vener. derm.*, Moskva, 1929, 6: 48-52.—**Egiazarov, M. K.** [Causes of long incubation periods in gonorrhea] *Kuban. nauch. med. J.*, 1928, 7: 153-5.—**Furmanov, S. I., & Rekhliis, S. L.** [Duration of the incubation period in gonorrhea in men] *Sovet. vest. vener.*, 1934, 3: 896-90.—**Gloukhenky.** Sur la période d'incubation dans les cas de gonorrhée. *Ann. mal. vénér.*, 1938, 33: 429-35, 2 pl.—**Loeb, H.** Kann eine Frau im Inkubationsstadium der Gonorrhoe infizieren? *Mtschr.*

Harnkr. sex. Hyg., 1927, 1: 13-5.—**Photinos, P.** Sur la période d'incubation dans le cas de gonorrhée. Ann. mal. vénér., 1939, 34: 269-77.—**Saigraev, M. A., & Linde, E. I.** Inkubationsperiode bei Gonorrhoe. Derm. Wschr., 1928, 86: 695-703.—**Urabe, H.** Ueber die Inkubationszeit der Gonorrhoe. Acta dermat., Kyoto, 1933, 22: 119-32.

Industrial and occupational aspect.

MARTI, E. *Zur Kenntnis der gonorrhoeischen Arthritiden auf Grund der Beobachtungen der Chirurgischen Universitätsklinik Basel in den Jahren 1925-30 mit besonderer Berücksichtigung der Unfallzusammenhänge [Basel] 15p. 8°. Bern, 1932.

WEEREN, F. *Gonorrhoeische Arthritis nach Trauma bei latenter Gonorrhoe [München] 13p. 8°. Würzb., 1934.

Bilbao, R. Artritis gonocócica y accidentes del trabajo. Med. trabajo, 1930, 1: 243-56.—**Chernykh, F. S.** [Case of occupational infection by gonococcus] Urologia, Moskva, 1940, 17: No. 2, 97.—**Colombo, P.** Valutazione medica e medicolegale della c. d. sindrome di Fitz-Hugh. Fol. med., Nap., 1939, 25: 587-93.—**Geniss-Gurevich, U. P.** [Gonorrhea in women employed in transportation] Vener. dermat., Moskva, 1931, 8: 9-14.—**Jasnitzky, N. N.** [Effect of industrial work on the course of gonorrhea (railway employees)] Ibid., 1930, 7: 35-42.—**Michael, M.** Die Unfallbegutachtung der Gonorrhoe. Mschr. Unfallh., 1930, 37: 337-51.—**Müller, E.** Trauma und Polyarthritiden gonorrhoea. Sitzber. Ges. Naturwiss. Marburg, 1927, 62: 460-70.—**Perrin, M., & Louyot, P.** Rhumatisme gonococcique et traumatisme. Rev. rhumat., Par., 1938, 5: 984-6.

latent.

See also subheadings chronic; Cure; Criteria; Recurrence.

MANIL, R. *De la gonococcie latente; fréquence; moyens de diagnostic. 91p. 8°. Par., 1933.

Barbellion, P. La gonococcie génitale d'emblée existe-t-elle? J. méd. Paris, 1932, 52: 29.—**Belgodere.** Les revéils soudains et lointains de la blennorrhagie chronique latente. Ann. mal. vénér., 1925, 20: 760-71.—**Boeckel, A.** Quelques cas de gonococcie génitale latente sans uréthrite gonococcique prémonitoire. Strasbourg méd., 1926, 84: pt. 2, 199-204.—**Chwalla, R.** Zur Frage der Bedeutung der nichtspezifischen Harnröhrensekretion nach Urethralgonorrhoe des Mannes und zur Frage der latenten Gonorrhoe. Arch. Derm. Syph., Berl., 1930-31, 162: 694-712.—**Cohn, A.** Eine latent verlaufende Gonorrhoeinfektion ohne primäre akute Urethritis. Deut. med. Wschr., 1926, 52: 1304; 1927, 53: 1938.—**Cristalli, G.** Gonococcismo muliebri latente (l'opera del ginecologo) Med. prat., Nap., 1927, 12: 361-73.—**Dachshleiger, E. K.** [Latent gonorrhea in women] Vest. vener., 1937, No. 9-10, 940-51.—**David, C.** L'infection gonococcique génitale d'emblée chez l'homme (sans uréthrite blennorrhagique préalable) Hôpital, 1927, 15: 24. Also Ann. mal. vénér., 1929, 24: 757-66. Also J. méd. Paris, 1930, 50: 310. Also Bull. Soc. méd. Paris, 1934, 499-505.—**La gonococcie génitale d'emblée existe bien.** J. méd. Paris, 1932, 52: 27.—**Durupt & Noguès.** Quelques considérations nouvelles sur le gonococque latent. J. urol. méd., Par., 1927, 23: 202-9.—**Finkenrath, K.** Zur Kasuistik der latenten Gonorrhoe. Med. Klin., Berl., 1928, 24: 1867.—**Franck, G.** A propos de 2 cas extraordinaires de gonococcisme latent. Schweiz. med. Wschr., 1936, 66: 709.—**Graziadei, G.** Ricerche biologiche e culturali nelle blennorrhagie latenti. Dermosifilograf., 1927, 2: 485-90.—**Meyer, S.** Urètre; contribution à l'étude de la gonococcie génitale d'emblée. Strasbourg méd., 1927, 85: 371-85.—**Mihalovici, M. J.** Un cas de gonococcie génitale d'emblée. Rev. român. urol., 1937, 4: 49-51.—**Nolar, R. A.** Induced gonorrhea. Northwest M., 1940, 39: 253.—**Nunes, D.** O gonococcus latente. Rev. brasil. med. farm., 1932, 7: 326-8.—**Rotenberg, M. J.** Sur la question de la gonorrhée latente (la gonococcie génitale d'emblée des auteurs français) J. urol. méd., Par., 1933, 36: 290-8. Also Sovet. vrach. gaz., 1934, 38: 348-52.—**Scolari, E.** In tema di foci gonococcici. Gior. ital. dermat. sif., 1938, 79: 557-83.—**Spink, W. W., & Keefer, C. S.** Latent gonorrhea as a cause of acute polyarticular arthritis. J. Am. M. Ass., 1937, 109: 325-8.—**Stearns, D. B.** A gonorrheal infection without primary acute urethritis, and back-ache as a late symptom. Urol. Cut. Rev., 1933, 37: 111.—**Tenopala, J.** La gonococcie latente. Rev. mex. cir., 1938, 6: 31.—**Tucker, W. W., Trusell, R. E., & Plass, E. D.** Latent gonorrhea in obstetric patients. Am. J. Obst., 1939, 38: 1055-60.—**Ulrich, E.** Los focos de infección latente, de origen gonococcico en el para-anexo. Gac. méd. México, 1926, 57: 427-36.—**Valverde, B.** Considerações sobre certas urethritides latentes de localização posterior inicial caracterizadas por graves perturbações genitais. Fol. med., Rio, 1930, 11: 145-8, pl.—**Also Rev. sudamér. méd. chir., Par., 1930, 1: 155-62, pl.—Verrotti, G.** Il gonococcismo latente. Gazz. osp., 1927, 48: 342-4. Also Rinasc. med., 1927, 4: 99-101. Also In Lez. med. biol. (Martelli) Nap., 1930, 283-9.

Laws and regulations.

See also subheadings Forensic aspect; Public health aspect.

Circulaire ministérielle aux commissions médicales provinciales concernant la prophylaxie de la blennorrhagie (26 septembre 1939) Bull. san. pub., Brux., 1939, 4: 726-31.—**Frist, J.** Zur Bewertung der latenten Gonorrhoe als Infektionsquelle und die Stellungnahme der Gesetzgebung zur Gonorrhoe-prophylaxe. Wien. klin. Wschr., 1928, 41: 380-2.—**Rhodetsky, G. V.** [Medical expert examination in gonorrheal infection of women and Section 150 of the Criminal Law] Vrach. gaz., 1928, 32: 253-6.—**Perchè** si configuri il delitto di contagio blennorrhagico, il reo deve agire con la coscienza di creare una situazione di pericolo, senza volere di contagio; se il reo volle il contagio, si configura il delitto di lesione personale. Scuola posit., 1934, n. ser., 14: pt. 2, 267.

Lymphatic system.

See also subheadings Penis; Sepsis; Skin.

Birnbaum, G. Gonorrhoeische Erkrankung der Lymphgefäße und Lymphdrüsen. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1930, 20: Teil 2, 1-13.—**Burnier, A.** A propos de la communication de MM. Louste, Lévy-Franckel et Mézard sur abcès folliculaires et lymphangite du fourreau de la verge à gonocoques. Bull. Soc. fr. dermat. syph., 1933, 40: 547.—**Carrié, C.** Zur Frage der Seltenheit der von Fernmetastasen ausgehenden gonorrhoeischen Lymphangitiden. Derm. Wschr., 1933-34, 68: 252-8.—**Foster, H. L.** Gonorrheal tonsillitis. J. Am. M. Ass., 1930, 94: 791. Also repr.—**Haxthausen, H.** [Chronic lymphangitis of the prepuce after former gonorrhea] Hospitalstidende, 1936, 79: [Dansk dermat. selsk. forh.] 43.—**Kanzler.** Gonorrhoeische Bubonen ohne Infektion der Harnröhre. Deut. Militärarzt, 1937, 2: 487-9.—**Louste, Lévy-Franckel & Mézard.** Abcès folliculaires et lymphangite du fourreau de la verge à gonocoques. Bull. Soc. fr. dermat. syph., 1933, 40: 401.—**Pozzo, A.** Linfangioite dorsale del pene ed ascesso gonococcico. Dermosifilograf., 1928, 3: 40-2.—**Rousset, J.** Petit abcès superficiel à gonocoques du fourreau de la verge sans uréthrite concomitante; lymphite consécutive secondairement abcédée. Bull. Soc. fr. dermat. syph., 1939, 46: 580-3.—**Samek, J.** Lymphstauung der Penishaut als Folge gonorrhoeischer Lymphadenitis und Lymphangitis. Arch. Derm. Syph., Berl., 1929-30, 149: 231-7.

Manifestation.

See Gonorrhea, Course.

Manuals.

ABRAHAM, J. J. Lectures on gonorrhoea in women and children. 142p. 12°. Lond., 1924.
BAIZINI, G. La blennorrhagia (nozioni volgarizzate) 210p. 8°. Milano, 1919.
BARBELLION, P. La blennorrhagie chez l'homme et chez la femme. 342p. 8°. Par., 1933.
BIRNBAUM, G., BOEMINGHAUS, H. [et al.] Gonorrhoe; Lymphgefäße und Lymphdrüsen; Blase und Nieren; Haut; Auge; Chirurgie, Urethroskopie, Fern-Komplikationen, Prophylaxe. 383p. 8°. Berl., 1930.
BOULANGER, L. Considérations cliniques et thérapeutiques sur la blennorrhagie chez l'homme et chez la femme. 382p. 8°. Par., 1931.
BRÜCK, C., DÖRFFEL, J. [et al.] Gonorrhoe. 920p. 8°. Berl., 1934.
BUCURA, C. Die gonorrhoeische Infektion der Genitalorgane. 300p. roy. 8°. Münch., 1934.
BUSCHKE, A., & CHRISTELLER, E. Lehrbuch der Gonorrhoe; nebst einem Anhang die Sterilität des Mannes. 570p. 8°. Berl., 1926.
HERB, F. Gonorrhea and sexual debility in men. 228p. 8°. Superior, Wis., 1908.
JADASSOHN, J. Allgemeine Ätiologie, Pathologie und bakteriologische Diagnose der Gonorrhoe. p.1-162. 4°. Berl., 1934.
In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1934, 20: pt. 1.
JANET, J. Diagnostic et traitement de la blennorrhagie chez l'homme et chez la femme. 536p. 8°. Par., 1929.
JOACHIMOVITS, R. Gonorrhoe der weiblichen Genitalorgane; ein Grundriss ihrer Pathologie, Klinik und Therapie. 231p. 8°. Wien, 1933.
MULZER, P. Diagnose und Therapie der gonorrhoeischen Erkrankungen in der Allgemeinpraxis. 2. Aufl. 123p. 8°. Münch., 1924.

PELOUZE, P. S. Gonorrhea in the male and female, a book for practitioners. 2. ed. 440p. 8°. Phila., 1931. Also 3. ed. 489p. 1939.

STORER, R. V. Gonococcal infection: recent advances in pathology, diagnosis and treatment. 91p. 12°. Lond., 1934.

UNITED STATES. PUBLIC HEALTH SERVICE. FEDERAL SECURITY AGENCY. 20 questions on gonorrhea. 12 l. 23½cm. [Wash., 1940]

WOLBARST, A. L. Gonococcal infection in the male. 237p. 8°. S. Louis, 1927. Also 2. ed. 297p. 1930.

WOSSIDLO, H. Die Gonorrhoe des Mannes und ihre Komplikationen; neu herausg. von Erich Wossidlo. 3. Aufl. 366p. 8°. Lpz., 1923.

— Marriage licence.

See under Gonorrhea, Cure.

— Metabolism.

Krentzel, F. I., & Ratner, O. I. [Carbon metabolism in women with gonorrhea] Vener. dermat., Moskva, 1930, 7: 43-53.—Mayr, J. K. Ueber die Beziehungen des Glykogens zur gonorrhoeischen Erkrankung. Münch. med. Wschr., 1926, 73: 1736-8.—Mikhlin, M. S., & Rakhmalevich, E. M. [Changes in metabolism in general and local suppurative infections; glutathione and catalase of the blood in general and local gonorrhea infection] Klin. med., Moskva, 1936, 14: 1482-7.—Sartory, A., Sartory, B., & Meyer, J. Blennorrhagie et métabolisme protido-lipidique. Bull. Acad. méd., Par., 1936, 3. ser., 115: 951-3.—Valerio, A. Latent gonorrhea and hypereholesterolemia. Urol. Cut. Rev., 1935, 39: 554.

— Military aspect.

CHEYNEL, H. *Traitement de la blennorrhagie masculine par les dérivés sulfamides; applications à l'Armée. 148p. 25½cm. Lyon, 1939.

Fiskin, M. A. [Data on gonorrheal epididymitis in the Red Army] Vener. dermat., Moskva, 1930, 7: 46-50.—Gaudino, N. M. La blennorragia en el ejército; su profilaxis. Rev. san. mil., B. Air., 1936, 35: 293-310. Also Sem. méd., B. Air., 1938, 45: 421-9.—Gauss, C. J. Zur Frage der weiblichen Gonorrhoe: ihre Unschädlichmachung im Kriege. Münch. med. Wschr., 1938, 85: 134-6.—Gay & Belot. Essai de thérapeutique anti-blennorrhagique par la gonarine à bord des torpilleurs. Arch. méd. pharm. nav., 1928, 118: 67-71.—Guédon & Ferrand. Des avantages de l'emploi du daganon dans le traitement des blennorrhagies en milieu militaire. Ann. méd. pharm. col. Par., 1933, 37: 990-2.—Jausion, H., Karcher, R., & Fried, W. Gonarine, sulfamides et soleil de neige. Bull. Soc. fr. dermat. syph., 1940, 47: 63-6.—Kemal, B. [Gonorrhea and its treatment in the Turkish Army] Askeri sihiye mecmuasi, 1932, 62: 1-10.—Mitarnovsky, V. M. [Treatment of gonorrhea in the army] Omsky med. J., 1928, 3: 109-14.—Ostrovsky, O. N. [Principles of treatment and evacuation of gonorrheal patients during military operations] Urologia, Moskva, 1939, 16: No. 2, 23-8.—Rosadas, A. O que se faz no hospital central do exercito em therapeutica blennorrhagica. Ann. Hosp. centr. exercito, Rio, 1936, 123-30.—Strempel. Ueber Gonorrhoebehandlung beim Soldaten mit Berücksichtigung der Prophylaxe und Abortivheilung. Deut. Militärarzt, 1937, 2: 251-6.—Young, C. A., & War, J. H., jr. Penicillamide in the treatment of gonorrhea aboard ship. U. S. Nav. M. Bull., 1939, 37: 129-31.—Zaigraev, Ostrovsky [et al.] [Treatment of gonorrhea in the Red Army] Sovet. vest. vener., 1934, 3: 845-52.

— Mouth.

See Gonorrhea, Respiratory system, and mouth.

— Muscles, ligaments, tendonsheaths.

See also subheading Rheumatism.

DESCHAMPS, M. J. M. *Des talalgies blennorrhagiques. 82p. 8°. Par., 1935.

Doss, T. *Contribution à l'étude de la myosite blennorrhagique. 28p. 8°. Genève, 1933.

LÉVY, M. *Des atteintes musculaires au cours de l'infection gonococcique chronique. 27p. 24cm. Par., 1939.

Baudet, G. La talalgie blennorrhagique. Presse méd., 1930, 38: 604-6.—Birnbach, W., & Callander, C. L. Acute suppurative gonococcal tenosynovitis. J. Am. M. Ass., 1935, 105: 1025-8.—Brandes, K. Gonorrhoeischer Abszess im Bizeps bei gleichzeitigem Fehlen von sonstigen gonorrhoeischen Erscheinungen. Derm. Wschr., 1925, 81: 1867-70.—Casazza, R. Di un curioso reperto roentgenologico in una convalescente d'artrite gonococcica del ginocchio; raffronti con la myositis

ossificans eireumscripta (Küttner) Gior. ital. dermat. sif., 1930, 71: 755-70, pl.—Duncker, F. Ein Beitrag zur Tendovaginitis gonorrhoeica. Münch. med. Wschr., 1929, 76: 1250.—Eliche, J., & Reynes, V. Myosite gonococcique suppurée du tenseur du fascia lata avec arthrite d'un doigt, chez un nourrisson. Bull. Soc. path. exot., Par., 1940, 33: 80-2.—Gáspár, F. [Poly myositis gonorrhoeica aetia] Gyógyászat, 1934, 74: 552-5. Also Zschr. urol. Chir., 1934, 39: 205-13.—Granara Costa, A., & Tessi Scitun, M. Un caso de miositis blenorragica de los adductores. Rev. argent. urol., 1939, 8: 315-7.—Hamlin, E., jr., & Sarris, S. P. Acute gonococcal tenosynovitis; report of 7 cases. N. England J. M., 1939, 221: 228-31.—Haxthausen, H. [Myositis gonorrhoeica] Hospitalstidende, 1937, 80: [Dansk dermat. selsk. forh.] 16.—Herlitz, S. Myositis gonorrhoeica. Acta dermat. vener., Stockh., 1938, 19: 256-62.—Iablenik, B. S., & Manevich, I. V. [Case of gonorrheal myositis and tendovaginitis treated by short radio waves] Vest. vener., 1938 No. 5, 79.—Knudtzon, T. G. [Gonorrheal metastatic manifestations in the flexor sheaths of the fingers] Ugeskr. laeger, 1936, 98: 527-33.—Murray, D. W. G., & Morgan, J. R. E. Gonococcal tenosynovitis of the hand. Canad. M. Ass. J., 1935, 32: 374.—Newburger, B. Metastatic intramuscular gonococcal abscess. Ann. Surg., 1926, 84: 879-85.—Pál, V. [Myositis gonorrhoeica; rheumatismus gonorrhoeicus] Gyógyászat, 1938, 78: 204-6.—Rothberg, A. S. Gonococcal tenosynovitis. J. Am. M. Ass., 1935, 105: 1371.—Rubí, R. A. Miositis blenorragica. Sem. méd., B. Air., 1934, 41: pt 2, 125-9. Also Rev. As. méd. argent., 1934, 48: 147.—Schwartz, A. Talalgie blennorrhagique; opération; guérison. Bull. Soc. nat. chir., Par., 1929, 55: 174-7.—Sunseri, G. Un caso di miosite blenorragica. Gior. med. mil., 1928, 76: 537-40.—Veyrassat, J. Myosite gonococcique à rechutes multiples et à évolution fatale. Gaz. hôp., 1933, 106: 809-11.—Wilenius, R. Ueber isolierte gonorrhoeische Tendovaginitiden. Acta chir. scand., 1938, 81: 195-212.—Zadek, I. Gonorrheal tenosynovitis of the long head of the biceps brachii; diagnosis made by demonstrating gonococci in the tendon sheath. J. Am. M. Ass., 1935, 104: 2176.

— Nervous system.

GRESSLER, L. *Gonorrhoeische Erkrankungen des Nervensystems [Freiburg] 24p. 8°. Kiel, 1931.

*NICOLOFF, N. *La méningite à gonocoques. 64p. 8°. Par., 1934.

Dekhterev, V. [What is gononeurosis?] Russ. klin., 1929, 12: 759-63.—Delbecq, K. Ueber gonorrhoeische Myelitis. Derm. Zschr., 1937, 76: 86-96. Also Münch. med. Wschr., 1938, 85: 385.—Famenne. Psychoses avec délire systématique, consécutives à une infection gonococcique. C. rend. Congr. alién. neur. France, 1911, 21. Congr., 340-3.—Gray, L. A. Myelitis and encephalomyelitis associated with gonorrhea. Am. J. Syph., 1937, 21: 50-63.—Haskovec, V. Encéphalite blennorrhagique avec ophtalmoplégie bilatérale. Rev. neur., Par., 1935, 42: pt 2, 994-7.—Kasarnovsky, I. M. [Gonorrhea, neurosis] Vrach. delo, 1929, 12: 658-63.—Lorentz, K. Ueber Meningitis gonorrhoeica. Derm. Wschr., 1929, 89: 1305-12.—Norbury, F. G. Gonorrheal myelitis with associated porphyrinuria following sulfanilamide. J. Lab. Clin. M., 1939-40, 25: 270-4.—Sannicandro, G. Mielite trasversa gonococcica. Arch. ital. dermat., 1935, 11: 507-10. Also Gior. ital. dermat. sif., 1935, 76: suppl., 132-5.—Schall, E. Gonorrhoeischer Lidabszess und tödliche Meningitis nach Gonoblenorrhoe eines Neugeborenen. Klin. Mbl. Augenh., 1922, 69: 597-600.—Schlanbusch, P. A case of gonorrheal polyneuritis. Acta dermat. vener., Stockh., 1938, 19: 390-4.—Sittig, O., & Haskovec, V. Encéphalite du tronc cérébral au cours d'une affection gonococcique. Encéphale, 1936, 31: 159-67.—Spurr, R. Una rara complicación de la blenorragia. Rev. espec., B. Air., 1926, 1: 964-8. Also Sem. méd., B. Air., 1927, 34: 594.—Sternberg, L. I. [Affections of the spinal cord of gonorrheal origin] Vest. vener., 1937, No. 9-10, 967-70.—Ternowenko, K. M. Zwei Fälle von Erkrankung der peripheren Nerven bei Gonorrhoe. Derm. Wschr., 1934, 98: 748-51.—Toukowsky. Les gononévroses. J. méd. Bordeaux, 1930, 107: 271-3.—Valerio, A. Vinte e dois casos de syndromes sympathicas e para-sympathicas da gono-blennorrhagia. Fol. med., Rio, 1935, 16: 528.—Walker, K. Gonorrhoea and its psychological casualties. Brit. J. Vener. Dis., 1934, 10: 202-5.—Weissenbach, R. J., Françon, F. [et al.] Névrite parcellaire du séiatique poplitée externe consécutive à une arthrite tibio-péronière supérieure d'origine gonococcique. Bull. méd., Par., 1932, 46: 385.

— Ophthalmia.

See also Inclusion blennorrhea.

Bonmariage. Ophthalmie dite blennorrhagique. Presse méd. belge, 1867-68, 20: 21.—Bonnet, Fouassier & Pautique. Recouvrement conjonctival spontané au cours d'une conjunctivite blennorrhagique. Bull. Soc. opht. Paris, 1933, 58-60.—Caddy, A. Twenty minutes' talk on gonococcal conjunctivitis. Brit. J. Vener. Dis., 1936, 12: 202-5.—Chou, C. H. Gonorrheal ophthalmia. Nat. M. J. China, 1924-25, 11: 151-7.—Cloward, R. E. Gonorrheal ophthalmia. Proc. Clin. Honolulu, 1936, 2: No. 11, pt 3, 1-4.—Ehlers, H. Positive gonococcal complement-fixation reaction in some patients with

ocular disease. Acta ophthalm., Kbh., 1930, 8: 64-70.—Farrell, J. I. Gonorrheal ophthalmia; statistical report of 189 cases. Am. J. Ophthalm., 1934, 3, ser., 17: 591-7.—Fehr, O. Die gonorrhoeischen Erkrankungen des Auges. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1930, 20: Teil 2, 75-127.—Halper, P. A. Gonorrheal ophthalmia. Am. J. Ophthalm., 1940, 3, ser., 23: 1047.—Hoeve, J. van der [Gonorrhea and eye]. Ned. tsehr. geneesk., 1931, 75: pt 4, 6175-86.—Hudson, A. C. Gonococcal affections of the eye. Brit. J. Vener. Dis., 1925, 1: 288-95.—MacCallan, A. F. Role of the gonococcus in purulent ophthalmia in warm climates. Arch. Ophthalm., Chic., 1934, 12: 819-23.—McLachlan, A. E. W., & Thomson, G. M. Gonococcal ophthalmia. Brit. J. Vener. Dis., 1939, 15: 213-21.—Mathis, G. La gonoreazione nelle congiuntiviti blenorragiche; gonoreazione in generale e gonoreazione in oculistica. Rass. ital. ottalm., 1936, 5: 706-31.—Millett, A. H. Ophthalmic blenorragie. Arch. méd. pharm. mil., 1924, 81: 610-3.—Morax, V. Sobre el papel del gonococo en las oftalmías purulentas de los países cálidos. Arch. oft. hisp. amer., 1934, 34: 345-9. —L'infection gonococcique; blenorragie oculaire; infection blenorragique oculaire. Ann. ocul., Par., 1938, 175: 89-132, pl.—Siebert, E. J. Zur klinischen und serologischen Diagnostik der gonorrhoeischen Iritis. Arch. Ophthalm., Berl., 1939, 140: 303-27.—Singer, G. [Gonorrheal infections of the eyes]. Gyógyászat, 1929, 68: 428.—Swab, C. M. Ocular complications of gonorrhea. J. Missouri M. Ass., 1935, 32: 1-6.—Warta, J. J. Gonorrheal conjunctivitis. Med. World, 1938, 56: 454.—Wu, C. J., Teng, C. H., & Wen, C. C. Gonococcal ophthalmia; an epidemiological study. Chin. M. J., 1936, 50: 59-69.

Ophthalmia: Pathology.

HAHN, J. *Ueber endogene Gonorrhoe am Auge. 15p. 8°. Frankf., 1935.

LANG, H. *Ueber die Blenorrhoe der Conjunctiva. 29p. 22½cm. Würzb., 1937.

PRÖSCH, H. [W. H. O.] *Conjunctivitis metastatica gonorrhoeica. 23p. 8°. Rostock, 1927.

Barsby, B. Gonococcal ophthalmia and bursitis. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Stud. Dis. Child., 1208.—Beutel, G. P. Gonococcal conjunctivitis. Urol. Cut. Rev., 1923, 29: 398-400.—Braley, A. E. Inclusion blenorrea; a study of the pathologic changes in the conjunctiva and cervix. Am. J. Ophthalm., 1938, 3, ser., 21: 1203-8, 2 pl.—Breiger. Metastatische Augenerkrankungen bei Gonorrhoe. Derm. Wschr., 1926, 83: 1632-43.—Bursuk, G. Ueber die Möglichkeit, bei Kaninchen eine experimentale Gonoblennorrhoe der Augen hervorzurufen. Klin. Mbl. Augenh., 1928, 81: 648-51.—Carle, T. A case of ruptured Descemet's membrane, covered with a corneal transplant. Acta ophthalm., Kbh., 1938, 16: 171.—Chiale, G. F. Osservazione di irite gonococcica. Gior. ital. derm. sif., 1937, 78: suppl., 224-7.—Chronic unilateral gonococcal conjunctivitis. Annual Rep. Giza Ophthalm. Lab., 1933, 8: 82.—Chutchev, N. I. [Connection of gonorrheal iritis with affection of the seminal vesicles]. Vener. derm., Moskva, 1929, 6: 68-71.—Coutela. La conjunctivite gonococcique de l'enfant et de l'adulte. J. méd. chir., Par., 1922, 93: 618-25.—Di Bella, V. Un caso di oftalmia blenorragica con metastasi alle articolazioni. Med. prat., Nap., 1923, 8: 172-5.—Also Pediatra, Nap., 1923, 31: 146-50.—Edmund, G. Die Gonokokkenkomplementbindungsreaktion und Iridocyclitis gonorrhoeica. Acta ophthalm., Kbh., 1932, 10: 151-8, pl. [Discussion] 30.—Erichimsson, E. B., & Bakrenkov, B. T. [Case of bilateral prolapse of the iris in acute gonorrhea]. Vest. vener., 1937, 521.—Fodor, G. Gonokokken und Einschlusskörper. Klin. Mbl. Augenh., 1929, 83: 264-70.—Ghosh, S. K. A case of subconjunctival haemorrhage following gonorrhoea. Calcutta M. J., 1934, 29: 175, pl.—Golovin, S. S. [Role of gonorrhea in the pathology of the eye]. Klin. med., Moskva, 1930, 8: 471-5.—Gresser, E. B., & McKeown, H. Gonococcus infection of lacrimal sac as source of reinfection to eyes, nose, and throat. Am. J. Ophthalm., 1929, 3, ser., 12: 581.—Groenouw. Sympathische Augenerkrankung infolge gonorrhoeischen Hornhautgeschwürs, 19 Jahre lang beobachtet. Klin. Mbl. Augenh., 1936, 96: 742-6.—Haig, H. A. An investigation into the cultural and serological characters of gonococci isolated from cases of gonococcal conjunctivitis. Bull. Ophthalm. Soc. Egypt, 1929, 22: 86-92.—Handmann, M. Vossische Ringtrübung bei Iritis gonorrhoeica ohne Verletzung und ohne Blutung. Klin. Mbl. Augenh., 1936, 96: 663-70.—Heckel, E. B. Gonorrheal conjunctivitis. Am. J. Ophthalm., 1922, 3, ser., 5: 562.—Huber, E. Contribución al conocimiento de la blenorragia ocular. Sem. méd., B. Air., 1932, 39: 494-6.—Jadassohn, W., & Rehsteiner, K. Die Beziehungen der Conjunctivalgonorrhoe zur Genitalgonorrhoe. Klin. Wschr., 1931, 10: 1902-5.—Leal Junior. Irite gonococcica. Fol. méd., Rio, 1926, 7: 229.—Manganotti, G. Contributo allo studio del gonococcismo latente (recidive di artrite e di irite bilaterale con esito in cecità). Dermosifilografio, 1935, 10: 617-60.—Meyersbach, F. Pulsierende Descemetocèle als Endstadium von Gonoblennorrhoea adolutorum und ihre Korrektur durch Müllersche Kontaktbrille. Klin. Mbl. Augenh., 1926, 77: 507-11.—Mulock Houwer [Conjunctivitis gonorrhoeica]. Geneesk. tsehr. Ned. Indië, 1937, 77: 1314.—Naguib, N. Y. Gonococcal conjunctivitis following gonococcal urethritis. Bull. Ophthalm. Soc. Egypt, 1939, 32: 114-6.—Puscariu, E., & Lázárescu, D. L'oeil et les infections générales; la conjunctivite et l'arthrite gonococcique. Ann. ocul., Par., 1936, 173: 893-906.—Rollet &

Colrat. Conjunctivite gonococcique; perforation oculaire; ophthalmie sympathique 35 jours après la perforation. Lyon méd., 1925, 136: 54.—Schindler, E. Stauungspapille bei metastatischer gonorrhoeischer Augenerkrankung. Derm. Wschr., 1928, 87: 1297-9.—Sédan, J. Kératite blenorragique présentée 6 mois après enfoncements conjonctivaux répétés de la cornée. Marseille méd., 1924, 61: 321.—Talbot. Diffusion épidémique de la conjunctivite à gonococque. Ann. méd. pharm. col., Par., 1922, 20: 13-8. —Conjunctivites saisonnières épidémiques à gonococques dans l'oasis de Gabès (Sud Tunisie). Arch. Inst. Pasteur Tunis, 1930, 19: 451-60.—Vázquez-Barriera, A. Conjunctivitis y queratitis gonococcicas endógenas; hallazgo de gonococos en la secreción conjuntival. Arch. urug. med., 1934, 5: 471-80. Also Arch. oft. hisp. amer., 1935, 35: 15-25.—Villard, H., Déjean, C., & Duponnois, J. Conjunctivite et ténionite blenorragiques métastatiques. Arch. Soc. sc. méd. biol. Montpellier, 1930, 11: 181-8.—Vujtich, K. [Case of gonorrheal urethritis with bilateral gonorrheal dacryoadenitis due to infection from gonococci in the conjunctiva]. Cas. lék. česk., 1929, 68: 122-4.

Ophthalmia: Prevention.

See also Ophthalmia neonatorum.

DETMAR, F. A. *Erfahrungen bei der Behandlung der Blenorrhoen neonatorum (nach 46 Fällen aus der Universitäts-Augenklinik Würzburg in den Jahren 1923-28) 14p. 8°. Würzb., 1928.

DUFET, Y. *Traitement curatif de la conjunctivite gonococcique sans nitrate d'argent. 42p. 8°. Par., 1932.

SEITZ, E. *Ueber die in den Jahren 1921-29 in der Universitäts-Augenklinik zu Tübingen behandelten Fälle von Conjunctivitis blenorrhoica [Tübingen] 37p. 8°. [Calw] 1931.

WISCHHUSEN, R. *Ein Beitrag zur Behandlung der Blenorrhoen neonatorum. 29p. 8°. Berl., 1914.

WOLF, K. *Zusammenstellung der in den Jahrgängen 1927 und 1928 in der Universitäts-Augenklinik zu Heidelberg behandelten Fälle von Blenorrhoen neonatorum, infantum et adolutorum. 32p. 8°. Heidelberg, 1929.

Armstrong, J. J. P. Radiant light in gonorrheal ophthalmia. Phys. Ther., 1928, 46: 159-63.—Besselin, O. Ueber die Grenzen der Naturheilmethoden bei der Behandlung der Augenblenorrhoen. Zschr. ärztl. Fortbild., 1936, 33: 282.—Borioni, D. La follicolite nella terapia delle congiuntiviti gonococciche. Boll. ocul., 1938, 17: 776-84.—Boussi. Traitement de la conjunctivite à gonococque chez le nouveau-né. J. méd. Paris, 1927, 46: 113.—Bower, A. G., & Frank, W. Treatment of gonorrheal ophthalmia. Am. J. Ophthalm., 1939, 3, ser., 22: 277.—Cook, W. A. Gonorrheal ophthalmia treatment. J. Oklahoma M. Ass., 1936, 29: 202.—Courtis, B. El tratamiento de la conjunctivitis gonococcica por la cavidad cerrada; sus resultados. Prensa méd. argent., 1936, 23: 2071-8. Also Rev. As. méd. argent., 1936, 50: 1413-9.—Cowan, A. Subconjunctival injection of Pregl's solution in gonorrheal ophthalmia. Arch. Ophthalm., 1930, n. ser., 3: 325-30.—Cummings, E. J. Results of the treatment of gonorrheal ophthalmia. Med. Ann. District of Columbia, 1933, 2: 203-5.—Deutman, A. [Treatment of conjunctivitis gonorrhoeica]. Geneesk. tsehr. Ned. Indië, 1936, 76: 1219-22.—Ebert, E. C. Treatment of gonorrheal ophthalmia. U. S. Nav. M. Bull., 1928, 26: 99-102, pl.—Federici, E. Sulla profilassi e terapia della congiuntivite gonococcica. Boll. ocul., 1937, 16: 141-52.—Fernández, R. F. Apuntes sobre el tratamiento de la oftalmia gonococcica. Bol. As. méd. Puerto Rico, 1937, 29: 283-90.—Fésüs, A. [Diagnosis and treatment of acute blenorrhoen of eye]. Orv. hetil., 1934, 78: mell., 147.—Gottlieb, J., & Freeman, W. The effect of a 1% solution of silver nitrate on the growth of gonorrheal organisms in vitro. Maine M. J., 1934, 25: 28-31.—Gret, L. G. El tratamiento de la oftalmia gonococcica del recién nacido. Sem. méd., B. Air., 1927, 34: pt 2, 706-8.—Hartmann, K. Peritomie zur Verhütung der gonorrhoeischen Hornhautkomplikation. Klin. Mbl. Augenh., 1933, 91: 249-53.—Heckel, E. B. Gonococci purulent conjunctivitis; treatment by the exclusive use of iced physiologic solution of sodium chloride. J. Am. M. Ass., 1929, 92: 1582-4. Also repr.—Jebavý, J. [Statistics of gonorrheal conjunctivitis treated in the ophthalmological clinic of the Masaryk University in Brno during the years of 1929-36]. Cesk. oft., 1937, 3: 273-82.—Larsson, S. W. [Treatment of gonorrheal conjunctivitis]. Sven. läk. tidn., 1924, 21: 97-101.—Lauber, H. Die Behandlung der Ophthalmoblennorrhoe. Wien. klin. Wschr., 1925, 38: 362.—Malpractice; loss of eye attributed to negligent treatment of gonorrheal ophthalmia. J. Am. M. Ass., 1937, 109: 820.—Manganotti, G. Osservazioni personali e considerazioni critiche sulla cura della blenorragia infantile con l'ormone follicolare. Dermosifilografio, 1937, 12: 89-135.—Müller, H. U. Polyarthritiden nach Exenteration eines Auges mit gonorrhoeischer Conjunctivitis. Acta ophthalm., Kbh., 1926-27, 4: 58-60. Also

Hospitalstidende, 1927, 70: 137-9.—Montanelli, G. Terapia della congiuntivite gonococcica con ormone follicolare. *Lettura oft.*, 1939, 16: 43-58.—Muncy, W. M. The treatment of gonorrheal ophthalmia. *J. Ophth. Otol.*, 1929, 33: 281-92.—Ouwajan, A. J. [Treatment of gonorrheal conjunctivitis by Deutman's method] *Geneesk. tschr. Ned. Indië*, 1940, 80: 1001-11.—Pilat, A. Zur Behandlung der Ophthalmoblenorrhoe. *Mitt. Volksgesundh. Wien*, 1929, Aertzt. Prax., 207-9. Also *Wien. klin. Wschr.*, 1929, 42: 752-4.—Reid, H. W. Treatment of gonorrheal ophthalmia and ophthalmia neonatorum. *Cincinnati J. M.*, 1925-26, 6: 587-91.—Rhenner & Bujadoux. Du traitement curatif de l'ophtalmie blennorrhagique du nouveau-né par le protargol au 1/4. *Bull. Soc. obst. gyn. Paris*, 1933, 22: 398-403.—Roelofs, C. O. [A case of dacryocystoblenorrhoea treated by injection of ointment] *Ned. tschr. geneesk.*, 1924, 68: pt 2, 3000-4.—Rubio, J. F. La aplicación del nitrato de plata en las conjuntivitis gonocóccicas. *Rev. cubana otorrinol.*, 1934, 3: 115-7.—Scheerer, R. Die Behandlung der Ophthalmoblenorrhoea neonatorum in der Allgemeinpraxis. *Med. Klin.*, 1939, 35: 233-5.—Soemmitz Hadibrota, R. The results of various methods of treating gonorrheal conjunctivitis (non-neonatorum). *Fol. ophth. orient.*, 1935-36, 2: 224-7.—Sostre, O. Algunos tratamientos recientes de la conjuntivitis gonocóccica. *Rev. san. mil.*, Madr., 1922, 12: 305-8.—Steigelmann, L. G. Wasserdampfdusche zur Behandlung der Ophthalmoblenorrhoe (Gonoblenorrhoe). *Klin. Mbl. Augenh.*, 1938, 101: 572.—Szokolik, S. Kanthotomie bei Hornhautkomplikation infolge Conjunctivitis gonorrhoeica. *Ibid.*, 1922, 69: 660.—Tjanidès, T. De la protection de la cornée dans l'ophtalmie gonococcique. *Bull. Soc. ophth. Paris*, 1930, 466-72.—Veihagen, K., jr. Die Gonorrhoe des Auges und ihre Behandlung. *Erg. ges. Med.*, 1931, 15: 383-430, pl.

Ophthalmia: Treatment.

PETZEL, W. *Experimentelle vergleichende Untersuchungen über die Einwirkung des Argentum aceticum und anderer Silbersalze auf Meer-schweinchenaugen vom Standpunkte der Prophylaxe der Blennorrhoea neonatorum. 49p. 8°. Lpz., 1901.

SPÖRRI, O. *Wie kann ein gonorrhoeisch frisch infiziertes Auge vor dem Ausbruch der Krankheit bewahrt werden? [Zürich] 17p. 21cm. Baden, 1938.

WALTER, A. A. *Prophylaxe der Ophthalmoblenorrhoe, im besonderen der Conjunctivitis gonorrhoeica neonatorum, und ihre Erfolge an der Universitäts-Frauenklinik zu Würzburg von 1924 mit 1932. 36p. 8°. Würzb., 1937.

Biggam, J. A case of gonorrheal ophthalmia aborted by early treatment. *J. R. Army M. Corps*, 1940, 74: 169-71.—Hellendall, H. Kritik der modernen medikamentösen Blennorrhoeophylaxe bei Neugeborenen und Mitteilung einer Vereinfachung meines im Jahre 1907 veröffentlichten Verfahrens der Credésterung. *Zschr. Geburtsh. Gyn.*, 1930-31, 99: 522-47. — Ein weiterer Beitrag zur Kritik der modernen Blennorrhoeophylaxe der Neugeborenen. *Zbl. Gyn.*, 1935, 59: 572-4.—Holland, E. L. The antenatal treatment of venereal disease: gonorrhoea. *Brit. J. Vener. Dis.*, 1928, 4: 205-9 [Discussion] 217-26.—Israel, Beitrag zur Prophylaxe der Blennorrhoea neonatorum. *Mtschr. Geburtsh. Gyn.*, 1924, 67: 197-202.—Kholina, A., & Chernobyiskaia, R. [Flora of the conjunctiva in the new-born and the effect of solutions used for prevention of gonorrhea] *Vest. oft.*, 1939, 14: 54-60.—Knospe, H. Beitrag zur Frage der modernen medikamentösen Blennorrhoeophylaxe bei Neugeborenen. *Münch. med. Wschr.*, 1930, 77: 628.—Lacey, F. H. The antenatal treatment of disease: gonorrhoea. *Brit. J. Vener. Dis.*, 1928, 4: 210-6 [Discussion] 217-26.—Lauber, J. [Prevention of ocular gonorrhea in the new-born] *Gin. polska*, 1939, 18: 3-6.—Madsen, H. S. [Prevention of gonorrheal ophthalmia] *Ugeskr. læger*, 1930, 92: 1081-5.—Norrie, G. Prophylaxis against blennorrhoea neonatorum in Denmark. *Brit. J. Ophth.*, 1923, 7: 374. Also *Ugeskr. læger*, 1923, 85: 587.—Patton, J. M. A transparent shield for monocular isolation in gonorrheal ophthalmia. *J. Am. M. Ass.*, 1927, 89: 1058.—Plitas, P. S. [Prevention of ophthalmoblenorrhoea in the new-born] *Sovet. vrach.*, 1936, 1: 1629-32.—Ricci, E. L'oftalmoblenorrhoea dei neonati e la sua profilassi. *Pensiero med.*, 1924, 13: 449-51.—Sbordone, A. Un novo metodo profilattico per l'oftalmoblenorrhoea dei neonati. *Boll. ocul.*, 1934, 13: 427-32.—Schäfer, G. Zur Frage der Wahl der medikamentösen Blennorrhoeophylaxe bei Neugeborenen. *Münch. med. Wschr.*, 1929, 76: 1635.—Skeel, A. J. Prevention of gonorrheal ophthalmia in the new-born. *J. Am. M. Ass.*, 1938, 111: 143.—Veil, P. Le traitement prophylactique et curatif de la conjonctivite gonococcique. *J. méd. chir.*, Par. 1939, 110: 425-7.—Washburn, C. Our responsibility in gonorrheal eye infection. *J. Florida M. Ass.*, 1921-25, 11: 50-2.—Weinbaum, Verhütung der Neugeborenenblennorrhoe. *Klin. Mbl. Augenh.*, 1928, 80: 519.

Ophthalmia: Treatment: Chemotherapy.

SHABAD, A. *Nouveau traitement de la gonococcie oculaire par des dérivés organiques du soufre. 81p. 23½cm. Par., 1939.

Barbour, F. A., & Towsley, H. A. Experience with sulfanilamide in treatment of gonorrheal ophthalmia. *Arch. Ophth.*, Chic., 1939, 22: 581-9. Also *Univ. Hosp. Bull.*, Ann Arb., 1939, 5: 81.—Cecchetto, E. I sulfamidici in genere e il tiostepale in specie nella cura della congiuntivite gonococcica e delle lesioni traumatiche dell'occhio. *Rass. ital. ottalm.*, 1940, 9: 97-100.—Chanial & Barut, C. Deux cas de conjonctivite blennorrhagique guéris par le daganan. *Bull. Soc. fr. derm. syph.*, 1939, 46: 238.—Dollfus, M. A. Premiers essais de chimiothérapie par les dérivés organiques du soufre des complications oculaires de la blennorrhagie. *Ann. mal. vénér.*, 1938, 33: 292-6. Also *Prophyl. antivénér.*, Par., 1938, 10: 481-8. — Di Matteo & Proux. Essais de chimiothérapie des complications oculaires de la gonococcie par les dérivés organiques du soufre. *Bull. Soc. ophth. Paris*, 1938, 73-81.—Elford, M. A. [Streptocid therapy of ophthalmogonorrhea] *Sovet. med.*, 1940, 4: No. 20, 26-8.—Fernández, L. J., & Fernández, R. F. Sulfanilamide in gonorrheal ophthalmia: preliminary report. *Am. J. Ophth.*, 1938, ser. 3, 21: 763-6. Also *Bol. As. méd. Puerto Rico*, 1938, 30: 65-9.—Graham, W. E. The treatment of gonococcal infections by sulfanilamide with special reference to ophthalmia neonatorum. *Hosp. News, Wash.*, 1937, 4: No. 21, 16-24.—Harris, H. L. Sulfanilamide in the treatment of gonorrheal ophthalmia. *Virginia M. Month.*, 1940, 67: 166-8.—Jensen, V. A. [Treatment of gonorrheal ophthalmoblenorrhoea with M&B 693] *Ugeskr. læger*, 1939, 101: 1255.—Kattiofsky, W. Erfahrungen über die Wirksamkeit der Sulfanilamide bei gonorrhoeischen Augen-erkrankungen. *Klin. Mbl. Augenh.*, 1939, 103: 214-20.—Lacroix, A. De l'action efficace des sulfamides dans les conjonctivites gonococciques du nouveau-né et de l'enfant. *Normandie méd.*, 1939, 50: 87-93.—Leconte. A propos du traitement de la blennorrhagie par les nouveaux corps chimiques dans une infirmerie régimentaire. *Bull. Soc. méd. mil. fr.*, 1938, 32: 326-8.—Locatelli Rivas, C. A. Conjunctivitis gonococcica complicata tratada por la sulfanilamida. *Dia méd.*, B. Air., 1939, 11: 886.—Lugossy, G. [Chemotherapy of gonorrheal ophthalmia] *Budapesti orv. ujs.*, 1939, 37: 511-3.—McKee, S. H. Gonorrheal ophthalmia cured after one week's treatment with sulfanilamide. *Arch. Ophth.*, Chic., 1939, 21: 1035.—Magitot, A., Dubois-Poulsen, A., & Geoffroy, Y. Traitement des conjonctivites gonococciques par le 1162 F. *Bull. Soc. ophth. Paris*, 1938, 82-93.—Marx, P., Dieffenbach, P., & Milares, T. Essai de chimiothérapie des conjonctivites gonococciques. *Bull. Soc. fr. derm. syph.*, 1938, 45: 1931-4.—Mazzola, U. La triplafavina (+) nella cura della congiuntivite blennorrhagica. *Ann. clin. med.*, Pal., 1929, 19: spec. no. 597-606.—Michels, M. W. Sulfanilamide in the treatment of gonorrheal ophthalmia in children. *J. Pediat.*, S. Louis, 1938, 13: 527-41.—Miché, A. M., & Webster, M. H. Gonococcal ophthalmia; treated with 2-(p-aminobenzenesulphonamido) pyridine. *Lancet*, Lond., 1938, 2: 373.—Pagès, R., & Duguet, J. Chimiothérapie de la conjonctivite blennorrhagique par la para-amino-phényl-sulfamide. *Bull. Soc. ophth. Paris*, 1938, 94-6.—Palmer, C. A. A case of gonorrheal ophthalmia treated by radiant light and heat. *Am. J. Electrother.*, 1925, 43: 62.—Pilat, A. Zur Wirkung der Milchersatzpräparate Aolan und Kascosan und einiger anderer unspezifischer Reizkörper (Arthogen, Typhusvaccine und Eigenblut) bei Gonoblenorrhoe. *Klin. Mbl. Augenh.*, 1925, 74: 19-41.—Pinkerton, F. J. Hyperthermic treatment for acute gonorrheal ophthalmia. *Am. J. Ophth.*, 1937, 3, ser. 20: 63-5.—Piotrowski, G., & Frydman. Conjonctivite gonococcique métastatique; efficacité de la protéinothérapie dans un cas de conjonctivite probablement d'origine gonococcique métastatique. *Rev. gén. ophth.*, Genève, 1927, 51: 232-1.—Redding, L. G. The use of foreign protein in the treatment of ophthalmia neonatorum and gonorrheal ophthalmia. *Pennsylvania M. J.*, 1933, 36: 582-5.—Smith, D. V. The value of milk injections in the treatment of gonorrheal ophthalmia. *China M. J.*, 1926, 40: 131-5.—Sochart, R. [Treatment of conjunctivitis gonorrhoea by means of artificial turpentine abscess] *Geneesk. tschr. Ned. Indië*, 1938, 78: 122-4.—Socio de Souza, F. A lactoterapia na conjunctivite blennorrhagica. *Fol. med.*, Rio, 1925, 6: 243-5.—Terry, J. Gonorrheal ophthalmia; report of a case treated by hyperthermia. *U. S. Nav. M. Bull.*, 1937, 35: 472.

Ophthalmia: Treatment: Fever and heat.

CHIRCOVICH, D. *Le traitement de l'ophtalmie purulente gonococcique des adultes par le vaccin hétérogène (vaccin antityphique) 15p. 8°. Genève, 1921.

MEYER, R. *Ueber Behandlung der Ophthalmoblenorrhoe mit Typhusvaccine. 27p. 8°. Zür., 1923.

NEMONAIZKY, L. *Einfluss der Milchtherapie auf die Abheilung der Gonoblenorrhoe. 22p. 8°. Jena, 1928.

- Allisson, F. H. L'hétérothérapie dans la conjonctivite gonococcique de l'adulte. *Rev. gén. opht.*, Genève, 1922, 36: 101-9. — Note sur 2 nouveaux cas de conjonctivite purulente gonococcique de l'adulte traités avec succès par l'hétérothérapie. *Ibid.*, 1923, 37: 516-20. —
- Berrie, J. M., Newman, M. K., & Grant, L. E. Artificial fever therapy of gonorrheal ophthalmia; case report. *J. Michigan M. Soc.*, 1936, 35: 708. — Brecher, I. Zur wirksamen Behandlung der Ophthalmoblennorrhoe durch Anwendung der Dampf-Spray-Hyperthermie. *Klin. Mbl. Augenh.*, 1937, 99: 301-11. — Brenkman, R. A. A. [Conjunctivitis gonorrhoea and turpentine therapy]. *Genesk. tschr. Ned. Indië*, 1938, 78: 115-22. — Brotherus, S. [Therapeutic effect of milk injections in gonorrheal conjunctivitis]. *Fin. läk. säll. handl.*, 1929, 71: 283-8. — Colvin, C. S., & Price, J. L. Gonococcal ophthalmia: the results of treatment with foreign protein injections in 5 cases. *Med. J. Australia*, 1937, 1: 95. — Czukrasz, I. Beitrag zur lokalen Hyperthermiebehandlung der Ophthalmoblennorrhoe. *Klin. Mbl. Augenh.*, 1939, 102: 512-5. — Erben, W. Der Einfluss der Milcheinjektionen bei der Bindehautgonorrhoe der Neugeborenen. *Ibid.*, 1922, 69: 471-4. — Geiger, J. C., & Burlingame, R. W. A statistical survey of 140 cases of gonorrheal ophthalmia: with data of 68 cases treated with non-specific protein (typhoid vaccine). *Am. J. Ophthalm.*, 1933, 3, ser., 21: 421-4. — Gronholm, V. [Parental protein therapy in gonorrheal conjunctivitis]. *Fin. läk. säll. handl.*, 1925, 67: 763-76. — Gutzeit, R. Bemerkungen zur parenteralen Milchbehandlung bei der Gonoblennorrhoe der Sänglinge. *Zschr. Augenh.*, 1930-31, 73: 267-70. — Hamilton, J. B. Parenteral injection of foreign protein in the treatment of gonococcal ophthalmia. *Med. J. Australia*, 1935, 1: 772-5. — Hasler, W. T., & Spektor, L. Artificial fever in the treatment of gonorrheal ophthalmia. *J. Am. M. Ass.*, 1936, 107: 102-4. — Heim, H. Ein Beitrag zur Reizkörpertherapie der Gonoblennorrhoe. *Klin. Mbl. Augenh.*, 1926, 76: 107-10. — Hooker, J. T. Treatment of gonorrheal ophthalmia by injections of milk. *U. S. Nav. M. Bull.*, 1925, 22: 40-3. — Jocs, R. Deux cas de conjunctivitis gonococcique dont un suivi d'iritis, traités et guéris par les injections de lait. *Clin. opht.*, Par., 1923, 27: 485-8. — Kacsó, L. Ist es ein Kunstfehler, keine Milch zu geben bei Gonoblennorrhoe oculi adultorum? *Klin. Mbl. Augenh.*, 1923, 71: 190-3. — Liebermann, L. Ueber die Ursachen für Erfolg und Misserfolg parenteraler Milcheinjektionen bei Gonoblennorrhoe. *Ibid.*, 194-6. — Llamas, J. Oftalmia gonocócica y piretotherapia. *Rev. cubana oft.*, 1933, 2: 149. — Luo, T. H. Milk in the treatment of gonoblennorrhoe. *Chin. M. J.*, 1936, 50: 27-36. — Mainzer, F. S. Milk injections in the treatment of gonorrheal ophthalmia. *Med. J. & Rec.*, 1931, 134: 371. — Muskat, I. I. Milk injections in gonorrheal ophthalmia. *Am. J. Ophthalm.*, 1928, n. ser., 11: 539-45. — Nizetić, Z. Die lokale Hitzebehandlung in der Behandlung der Ophthalmoblennorrhoe nebst einem Beitrag zur Frage der Übertragbarkeit der Gonokokken auf die Conjunctiva des Kaninchens. *Arch. Augenh.*, 1935-36, 109: 574-91. — Panneton, P. Traitement direct des conjunctivites gonococciques par les sulfamidés. *Union méd. Canada*, 1940, 69: 803-10. — Pillat, A. Ueber die örtliche Wirkung hochprozentiger Albuizidlösungen auf die Gonoblennorrhoe der Neugeborenen. *Wien. klin. Wschr.*, 1940, 53: 806. — Pretin, H. Uliron, ein neues Mittel zur Behandlung der Conjunctivitis gonorrhoea. *Klin. Mbl. Augenh.*, 1939, 102: 114-6. — Puglisi-Duranti, G. Sulla terapia sulfamidica della congiuntivite gonococcica dell'adulto. *Rass. san. A. O. I.*, Addis Abeba, 1939, 1: No. 3, 54-9. — Rein, W. J., & Tibbetts, O. B. Irrigations with sulfanilamide as a treatment for gonorrheal conjunctivitis; a report of 15 cases. *Am. J. Ophthalm.*, 1939, 3, ser., 22: 1126-9. — Schneider-Horn, W. H. Uliron bei doppelseitiger Gonorrhoea conjunctivae adultorum. *Derm. Wschr.*, 1939, 108: 8-10. — Shankel, H. Sulfanilamide in gonorrheal conjunctivitis. *Am. J. Ophthalm.*, 1940, 3, ser., 23: 84. — Sie-Boen-Lian. Die Anwendung von Uliron in der Therapie der Conjunctivitis gonorrhoea. *Ophthalmologica*, Basel, 1939, 97: 341-6. — Slobozianu, H. Die Behandlung der Ophthalmoblennorrhoe mit Uliron. *Derm. Wschr.*, 1938, 107: 1089-92. — — — & Herscovici, P. Le traitement des conjunctivites gonococciques des nouveau-nés par les dérivés organiques du soufre. *Ann. ocul.*, Par., 1939, 176: 466-70. — Sourdille, G. Ophthalmie gonococcique du nouveau-né traitée avec succès par le 1.399 F. *Bull. Soc. opht. Paris*, 1938, 211-5. — Suárez Gabard, S. Sobre la acción del cuerpo sulfamidado 693 o daganan en la conjuntivitis gonococcica. *Arch. oft. B. Aires*, 1939, 14: 1037-41. — Sysi, R. Ueber die Behandlung der Conjunctivitis gonorrhoea mit dem Präparat M & B 693. *Acta ophthalm.*, Kbh., 1939, 17: 466-76. — Szinegh, B. [New chemotherapeutic experiences in treatment of gonorrheal ophthalmia]. *Budapesti orv. ujs.*, 1939, 37: 837-9. — — — [Elektlyl in treatment of gonorrheal ophthalmia]. *Orv. hetil.*, 1939, 83: 213-5. Also *Klin. Mbl. Augenh.*, 1939, 102: 800-6. — Terrier, F. Discussion des 3 communications précédentes sur la chimiothérapie des conjunctivites gonococciques. *Bull. Soc. opht. Paris*, 1938, 97-100. — Thrane, M. [Case of gonorrheal ophthalmia neonatorum, cured with M & B 693]. *Ugeskr. laeger*, 1939, 101: 1256. — Wherry, W. B. Gonorrheal ophthalmia treated with acriflavine; activation of bactericidal action of this dye. *Am. J. Ophthalm.*, 1925, 3, ser., 8: 838-62.
- Ophthalmia: Treatment: Immunization.
- NATTAF, S. *De la vaccinothérapie dans les ophtalmies gonococciques [Paris] 44p. 8° Tours, 1928.
- Also *Clin. opht.*, Par., 1928, 32: 383-93.
- Banaji, B. P. Gonoderm vaccine in gonorrheal ophthalmia. *Brit. M. J.*, 1936, 1: 1300. — Busacca, A. Sulla cura della congiuntivite purulenta dei neonati con particolare riguardo alla vaccinoterapia antigonococcica. *Lettura oft.*, 1925, 2: 195-225. — Butler, W. K. The use of blood serum in the treatment of gonorrheal ophthalmia, with report of a case. *Tr. Am. Ophthalm. Soc.*, 1925, 23: 152-5. — Chevallereau, A., & Offret, A. Deux cas de conjonctivite gonococcique traités par l'emploi local du sérum de Blazot. *Bull. Soc. opht. Paris*, 1926, 318-20. — Columbo, G. Méthode et résultats de la sérothérapie antigonococcique dans les conjonctivites à gonocoques. *Ann. ocul.*, Par., 1925, 162: 936-40. — Constantinesco. Traitement de la conjonctivite gonococcique par le sérum du docteur Stérian. *Ibid.*, 1921, 158: 120-31. — Ginessouts. Ophthalmie purulente et vaccination antigonococcique. *Bull. Soc. méd. chir. Bordeaux* (1922) 1923, 466. — Gret, L. G., & Paperini, H. Tratamiento de la oftalmia gonocócica por el haptinogéno Gono. *Sen. méd.*, B. Air., 1924, 31: pt 2, 1472-6. — Houda, E. O., & Hillis, A. E. Autogenous serum treatment of Neisseria ophthalmia after barrage doses of vaccine. *Northwest M.*, 1923, 22: 363. — Jeandelize, P., & Bretagne, P. Le traitement de la conjonctivite gonococcique par l'autosérothérapie. *Arch. opht.*, Par., 1923, 40: 740. — Makarov, N. N. [Treatment of blennorrheal conjunctivitis in adults by antidipltheric serum]. *Vest. oft.*, 1939, 14: 57-9. — Offert. Nouveau traitement de l'ophthalmie gonococcique du nouveau-né: emploi local du sérum anti-gonococcique. *Clin. opht.*, Par., 1925, 29: 635-41. Also *J. méd. Par.*, 1926, 45: 247-9. — Renard, G. Deux ans de vaccinotherapie antigonococcique. *Bull. Soc. opht. Paris*, 1928, 151-4. — Rosica, A. Sierovaccinoterapia nella congiuntivite gonococcica. *Policlinico*, 1923, 30: sez. prat., 723-7. — Saba, V. Sulla azione della stomosina antigonococcica nella congiuntivite blennorragica in rapporto agli altri metodi di cura. *Lettura oft.*, 1927, 4: 377-87. — Storts, B. P. Ophthalmia neonatorum treated with gonococcus filtrate (Corbus-Perry) report of case. *Arch. Pediat.*, N. Y., 1935, 52: 567. — Tommasini, G. La stomosina antigonococcica e la congiuntivite blennorragica. *Gior. ocul.*, 1925, 6: 33-6. — Wille, W. A. The local injections of antigenococcus serum in gonoblennorrhoea and other eye diseases. *Brit. J. Ophthalm.*, 1934, 18: 218-20. Also *Genesk. tschr. Ned. Indië*, 1937, 77: 33-5.
- Ophthalmia—in the newborn.
- See also Ophthalmia neonatorum.
- FURRER, E. *Statistik der Ophthalmoblennorrhoea neonatorum im Kanton Basel-Stadt von 1886-1925 [Basel] 33p. 8° Laupen, 1928.
- RESPONDEK, G. *Die Augenerkrankungen der Neugeborenen unter besonderer Berücksichtigung der Ophthalmoblennorrhoe [Berlin] 19p. 23cm. Charlottenb., 1939.
- STAVENHAGEN, W. *Die Blennorrhoe neonatorum an Hand von Fällen der Universitäts-frauenklinik Greifswald von 1915-35. 20p. 8° Greifsw., 1936.
- Barmettler, G. Rapporto tra la oftalmoblennorrea dei neonati e la lue congenita (nota preventiva). *Rinase. med.*, 1926, 3: 392. — Bastini, C. Oftalmoblennorrea dei neonati. *Arte ostet.*, 1925, 39: 79-85. — Berens, C. Ophthalmia neonatorum and gonorrheal affections of the eyes of children. *Arch. Pediat.*, N. Y., 1938, 55: 639-50. — Duhamel, E. Conjonctivite blennorragique du nouveau-né après césarienne. *Bull. Soc. opht. Paris*, 1932, 106-9. — Fekete, S. [Prophylaxis of gonorrheal ophthalmia in the new-born]. *Budapesti orv. ujs.*, 1930, 28: 430. — Greeff. Conjunctivitis blennorragica de los recién nacidos. *Progr. clin.*, Madr., 1913, 2: 319, 2 pl. — Johnasson, E. Zur Aetiologie der Gonoblennorrhoea neonatorum. *Klin. Mbl. Augenh.*, 1936, 97: 775-7. — Koutseff, A., & Dreyfus, A. Blennorrhée du nouveau-né après section césarienne. *Bull. Soc. obst. gyn. Paris*, 1933, 22: 450-2. — Morax, V., & Couvelaire, A. Conjonctivite gonococcique chez un nouveau-né extrait par opération césarienne. *Bull. Soc. opht. Paris*, 1927, 224-8. — Neumann, H. O. Gonoblennorrhoe bei Kaiserschnitts-kind. *Zbl. Gyn.*, 1926, 50: 400-3. — Pohl, K. O. Ueber sogenannte intrauterin erworbene Ophthalmoblennorrhoe. *Ibid.*, 1927, 51: 1838-43. — Pons Torrelló, L. Consideraciones acerca de la oftalmia gonocócica de los niños. *Med. niños*, 1927, 28: 52-8. — Roi, G. Sul comportamento della gonodiviazione nell'oftalmia blennorragica dei neonati. *Lettura oft.*, 1933, 10: 445-9. — Rubio A., J. F. Estado actual del tratamiento de las conjuntivitis gonococcicas, un método original para la inversión de los párpados en los recién nacidos, que permite hacer de la nitratación; un método eficaz de tratamiento. *Crón. méd.*

quir. Habana, 1929, 55: 291-310.—**Süchting, O.** Ueber einen Fall von intrauterin erworbener Ophthalmogonorrhoe der Neugeborenen mit doppelseitiger Hornhautbeteiligung. *Zschr. Augenh.*, 1930, 72: 32-6.—**Tenopala, J.** La oftalmia gonococcica de los recién nacidos. *Rev. mex. cir.*, 1936, 4: 394-8.—**Walker, C. E., jr.** Malnutrition in relation to ulceration of the cornea in gonorrheal ophthalmia neonatorum. *Am. J. Ophth.*, 1934, 3. ser., 17: 1146.

Pathogenesis.

See also **Gonococcus**, Infection.

Moritz, H. *Der Einfluss der Menses auf den Verlauf der weiblichen Gonorrhoe. 22p. 8°. Freib. i. B., 1925.

Schlampp, H. *Die pathologische Beeinflussung des Menstruationstypus durch die Gonorrhoe im Sinne von Meno- und Metrorrhagien [Erlangen] 39p. 8°. Greiz, 1927.

Schmeling, K. *Zur Frage der sekundären Aszensionen bei der Behandlung der weiblichen Gonorrhoe an der Würzburger Universitäts-Frauenklinik 1923-33 [Würzburg] 20p. 21cm. Ochsenfurt a. m., 1937.

Winkler, A. *Zur Biologie der Gonorrhoe. 18p. 8°. Gött., 1934.

Alissov, P. A., & Faibitsch, M. M. Experimentelle Blenorrhoe. *Zbl. Bakt.*, 1. Abt., 1929, 112: 434-9.—**Ambrosoli, G. A.** Infezione gonococcica e tipi di gonococco. *Gior. ital. derm. sif.*, 1926, 67: 389-97. **Bokai, A.** On the contagion of acute gonorrhoea. *Med. Life*, 1932, 39: 511-20.—**Bouzom, G.** Les mystères de la contagion blennorrhagique. *J. méd. Bordeaux*, 1932, 109: 748-52.—**Brunet, W. M.** Is gonorrhoea a bacteriemia? *Ind. J. Vener. Dis.*, 1940, 6: 115-21.—**Cedercreutz, A.** [May gonorrhoea originate otherwise than by infection?] *Fin. läk. säll. hand.*, 1928, 70: 163-73. Also *Ann. derm. syph.*, Par., 1928, 6. ser., 9: 90-100.—**Epstein, G. S.** [Pathogenesis of gonorrhoea] *Vest. khir.*, 1930, 20: 382-91. Also *J. urol. méd.*, Par., 1930, 29: 255-69.—**Felke, H.** Warum liegen Gonokokken intrazellulär? *Münch. med. Wschr.*, 1931, 78: 747.—**Hopf, G.** Antikörperbildung und Metastasierung bei Gonorrhoe. *Med. Klin.*, Berl., 1931, 27: 1066. **Ivanov, N. Z.** [Paragenital route of ascending gonorrheal infection in women] *Vener. derm.*, Moskva, 1931, 8: 54-6. Also *Arch. Gyn.*, Berl., 1932, 149: 137-43. Also *Gyn. obst.*, Par., 1931, 23: 216-21. Also *Urol. Cut. Rev.*, 1932, 36: 516-9.—**John, F.** Der Einfluss der Menstruation auf das bakteriologische Bild der Frauengonorrhoe. *Derm. Zschr.*, 1937, 75: 65-73.—**Kauffman, S. A., & Sorochinsky, A. F.** [Course of gonorrhoea in the lower section of the female genital organs in the ascending processes] *Soviet. vest. vener.*, 1934, 3: 468-73.—**Khrypov, A. E., & Elingov, N. S.** [Case of gonococcic toxemia] *Vener. derm.*, Moskva, 1929, 6: 57-60.—**Kvater, E. I., Trachtenberg, S. V., & Kaganovich, I. I.** [Prevention of ascending gonorrhoea in women] *Soviet. vrach. J.*, 1936, 1: 1213-9.—**Niedermeyer, A.** Aszendierende Gonorrhoe oder Appendizitis? *Deut. med. Wschr.*, 1928, 54: 313.—**Porudominski, I. M.** [Role and significance of the nervous system in the spread of gonorrheal infection] *Urologia*, Moskva, 1937, 14: 36-55.—**Spink, W. W.** The pathogenesis of gonococcal infection. *Tr. Am. Neisser. Soc.*, 1939, 5: 23-7.—**Waldeyer, L.** Diagnose und Behandlung der chronischen und ascendierten weiblichen Gonorrhoe. *Med. Welt*, 1934, 8: 761-5.—**Waniek, H.** Funktionsstörungen der Leber im Verlauf der Gonorrhoe; ein Beitrag zur Frage des gonotoxischen Ikterus. *Med. Klin.*, Berl., 1939, 35: 639. **Wenger, P.** Die Bedeutung der konstitutionellen Anomalie des Harn- beziehungsweise Sexualorgans für die schwer verlaufende Gonorrhoe des Mannes. *Derm. Wschr.*, 1928, 87: 1159-64. **Wolff, G. von.** Die Bedeutung der genitalen Unterentwicklung für die Aszension der weiblichen Gonorrhoe. *Zschr. Geburtsh. Gyn.*, 1938, 117: 361-97.

Pathology.

Krohn, M. *Hat sich das Krankheitsbild der Gonorrhoe in den letzten zwölf Jahren verändert? 19p. 8°. Münch., 1932.

May, G. *Sind die Epithel-Einschlusskörperchen spezifische Produkte der weiblichen Gonorrhoe? 24p. 22½cm. Bresl., 1936.

Borza, J. [Pathology and bacteriology of gonorrhea] *Gyógyászat*, 1929, 68: 386; 408. **Cerutti, P., & Verzola, M.** Ricerche sulla concentrazione idrogenionica superficiale delle mucose esterne (bocca, organi genitali) in individui normale e affetti da blenorragia. *Gior. ital. derm. sif.*, 1935, 76: 1269-80. **Crabtree, E. G.** The present status of the disease gonorrhoea. *J. Social Hyg.*, 1934, 20: 330-9.—**Davis, D.** What is gonorrhoea? *Week. Roster, Phila.*, 1937, 32: 1476-8.—**Ichok, G.** La gonococcia como enfermedad general. *Progr. clín.*, Madr., 1930, 38: 936-43. **Jausion, H.** La maladie gonococcique; affection générale; sa pathologie. *Presse méd.*, 1926, 34: 1457-9.—**Jones, W. R.** Comparative pathology of gonococcus infections in unusual locations. *Urol. Cut. Rev.*, 1935, 39:

459-63.—**Musil, E., & Skamnakis, S. N.** Ueber das Vorkommen von Epithel-Einschlusskörperchen im weiblichen Harnröhrenepithel und ihre Beziehung zur weiblichen Gonorrhoe. *Wien. klin. Wschr.*, 1938, 51: 740-2.—**Perrin, J.** La blennorrhagie est-elle une affection générale? *J. urol. méd.*, Par., 1927, 23: 496-509.—**Porudominski, I., & Herzenberg, H.** Beiträge zur pathologischen Anatomie der männlichen Gonorrhoe. *Zschr. Urol.*, 1936, 30: 778-91.—**Preininger, T.** [Pathology of gonorrhea] *Orvosképzés*, 1939, 29: 550-65.—**Spitzer, M.** Die Bedeutung der Epithel-Einschlusskörperchen für die weibliche Gonorrhoe. *Arch. Gyn.*, Berl., 1935-36, 160: 174-210. Also *Wien. klin. Wschr.*, 1935, 48: 1382; 1938, 51: 1169. Also *Zbl. Gyn.*, 1935, 59: 2620. **Urquhart, A. L.** The pathology of gonococcal lesions in the female. *J. Egypt. M. Ass.*, 1931, 14: 14-22.—**Vassiliev, A. I.** [Gonorrhoea as a general disease] *Soviet. vrach. gaz.*, 1935, 38: 1823-30.

Penis, and perineum.

Colli, R. Ascesso gonococcico della regione perineale anteriore. *Dermosifilograf.*, 1927, 2: 462.—**Farber, M. I.** [Case of isolated gonorrheal balanoposthitis] *Soviet. vest. vener.*, 1932, 1: 48.—**Gaté, J., Michel, P. J., & Charpy, J.** Abcès à gonocoques du fourreau de la verge chez un sujet porteur d'une urétrite blennorrhagique; chancrille sous-jacente. *Bull. Soc. fr. derm. syph.*, 1931, 38: 137.—**Langer, E.** Gonorrhoe und Erektionen und deren Behandlung. *Med. Klin.*, Berl., 1931, 27: 1150-2.—**Millan, G.** Abcès gonococcique du raphe de la verge. *Bull. Soc. fr. derm. syph.*, 1926, 33: 469.—**Neifeld, H.** Diathermy treatment of acquired balanitis, phimosis and paraphimosis. *N. England J. M.*, 1932, 207: 603.—**Puente, J. J.** Una complicación rara de blenorragia; canalculitis penio-escretal ulcerada. *Rev. derm. argent.*, 1923, 10: 87-98.—**Rapport, C. G.** [Abscess of the subcutaneous cellular tissue at the root of the penis in gonorrheal urethritis] *Vrach. delo*, 1934, 17: 337-40.—**Ronchese, F.** Ascesso gonococcico della radice del pene. *Dermosifilograf.*, 1927, 2: 185-8.—**Venturi, T.** Ascessi multipli della guaina della verga, da gonococco, senza infezione dell'uretra (contributo istologico alla conoscenza delle malformazioni uretrali) *Ibid.*, 1929, 4: 481-94.—**Werner, A.** Isolierte Balanoposthitis gonorrhoeica mit Komplikationen. *Deut. med. Wschr.*, 1926, 52: 1046.—**Williamson, T. V.** Neisserian abscess of Tyson's glands. *Virginia M. Month.*, 1931, 58: 194.

Peritoneum, and serous membranes.

Boussereau, R. M. *Contribution à l'étude des péritonites généralisées à gonocoques chez la femme adulte en dehors des ruptures de pyosalpinx. 77p. 25cm. Bord., 1937.

Pelletier, R. *Le bassin gonococcique. 108p. 8°. Par., 1928.

Romaine, G. *Contribution à l'étude de la pleurésie à gonocoques. 68p. 8°. Par., 1925.

Bertrand, P., & Carcassonne, F. Les péritonites aiguës généralisées à gonocoques. *Gyn. obst.*, Par., 1929, 19: 371-87.—**Bizard, G., & Malatray, H.** Les péritonites généralisées gonococciques chez la femme. *Echo méd. nord*, 1935, 3. ser., 3: 163-9. **Bloch, H., Pacella, B. L., & Locastro, B.** Gonococcal peritonitis; a report of a case in a 4½ year old girl complicating a vulvovaginitis. *Arch. Pediat.*, N. Y., 1938, 55: 714-6.—**Boller, R., & Makrycostas, K.** Die chronische Pericholecystitis bei gonorrhoeischen Adnexitis und ihre Behandlung. *Klin. Wschr.*, 1934, 13: 1180-3.—**Brunet, W. M.** Acute gonococcal perihepatitis; with report of 5 cases. *Am. J. Obst.*, 1940, 39: 481-5. **Burch, L. E.** Treatment of acute pelvic inflammation (gonorrheal) (preliminary report) *Tr. South. Surg. Ass.* (1926) 1927, 39: 32-40, 2 pl.—**Campanacci, D.** Colecistopatie meta-gonococciche. *Arch. ital. chir.*, 1938, 51: 5-11.—**Cardelle, B.** Pelvi-peritonitis gonococcica en una niña. *Rev. méd. cubana*, 1936, 47: 123-34.—**Chosson, J.** Pelvi-péritonite à gonocoques chez une fillette de 5 ans. *Rev. fr. gyn. obst.*, 1938, 33: 757-9.—**Cotte, M. G.** Péritonite aiguë gonococcique d'origine salpingienne. *Lyon chir.*, 1926, 23: 774-83.—**Cramarossa, V.** Chiusura tubarica e reazione peritoneale nella infezione blennorrhagica della donna. *Ann. ostet. gin.*, 1935, 57: 517-50.—**Curtis, A. H.** Adhesions of the anterior surface of the liver. *J. Am. M. Ass.*, 1932, 99: 2010-2.—**Da Rocha, J. M.** Peritonite gonococcica na criança. *Brasil med.*, 1930, 44: 388-91.—**Escobar Pires, C.** Peritonites gonococcicas generalizadas. *Rev. gyn. obst.*, Rio, 1930, 24: 317-21.—**Etienne, Lapeyrie, & Cadéras.** Infection gonococcique génitale chez un fillette, avec manifestations péritonéales pseudo-appendiculaires. *Arch. Soc. sc. méd. biol. Montpellier*, 1932, 13: 415.—**Fitz-Hugh, T., jr.** Acute gonococcal peritonitis of the right upper quadrant in women. *J. Am. M. Ass.*, 1934, 102: 2094-6.—**Fraulini, M.** Contributo allo studio della blenorragia e della peritonite blenorragica gonococcica delle bambine. *Pensiero med.*, 1926, 15: 439-46.—**Hahn, T. F.** Gonococcal peritonitis of the upper right quadrant. *J. Florida M. Ass.*, 1938-39, 25: 73-5.—**Hamant & Chainot.** Les péritonites généralisées à gonocoques. *Bull. Soc. obst. gyn. Paris*, 1932, 21: 580-2.—**Harris, E. H., & Berman, R.** Gonorrheal peritonitis in female children. *J. Pediat.*, St. Louis, 1934, 4: 59-64.—**Hertz, C. S.** Acute gonococcal perihepatitis. *Proc. Mayo Clin.*, 1938, 13: 577-81.—**Jeanneney, G., & Poinot.** Péritonite généralisée à gonocoques sans lésions

annexielles macroscopiques. J. méd. Bordeaux, 1939, 116: pt 2, 285-7.—**King, O. G.** Gonorrheal peritonitis. West Virginia M. J., 1938, 34: 292-4.—**Leclerc, R.** Les péritonites aiguës généralisées à gonocoques, en dehors des ruptures de pyosalpinx. Marseille méd., 1935, 72: pt 2, 733-80.—**McCann, J. C.** Gonococcal peritonitis before puberty. Am. J. Surg., 1935, 29: 301-3.—**Macer, J. M., Domenech, A. L., & Fernandez, F. L.** Pelvipertonitis gonococcica en una niña de 5 años; curación. Arch. argent. pediat., 1931, 2: 253-64. Also Sem. méd., B. Air., 1931, 38: pt 2, 577-80.—**Mazzini, O. F.** Peritonitis gonococcica generalizada aguda. Bol. Soc. cir. B. Aires, 1938, 22: 991-3.—**Notes, B.** Gonococci peritonitis in prepubescent females. Am. J. Obst., 1938, 35: 331.—**Peignaux.** Sur un cas de péritonite gonococcique chez une fillette âgée de 10 mois. Arch. méd. Angers, 1927, 31: 7-12.—**Sato, N.** Zwei Fälle von Gonokokkenperitonitis. Okayama igakkai zasshi, 1939, 51: 679.—**Sichel, M. S.** Management of gonococcal pelvic infection; an analysis based on the study of 100 operative cases and 167 sedimentation readings. Northwest M., 1930, 29: 18-23. Pelvic gonorrheal infection. Ibid., 1938, 37: 161-7.—**Spinelli, A.** Sulla peritonite acuta diffusa gonococcica. Riv. chir., 1936, 2: 443-56.—**Stern, C.** Ueber Pelveopertonitis gonorrhoea beim Manne. Derm. Wschr., 1926, 83: 1339-45.—**Vest, S. A.** Generalized gonococcal peritonitis in children. Internat. Surg. Digest, 1933, 16: 3-12.—**Waalder, E.** [Gonococcal peritonitis in a girl 9 years of age]. Norsk. mag. lægevid., 1935, 96: 1056-9, pl.—**Watkins, R. E.** The use of injections of foreign protein in the form of milk in gonorrheal pelvic inflammatory disease. Med. Sentinel, 1929, 37: 576.—**Woerden, J. van** [Gonococcus peritonitis; case]. Ned. tschr. genesk., 1929, 73: 3715-7.

Prevention.

See also subheading Public health aspect.

Blanchier, D. Quelques lacunes de l'organisation hospitalière et de l'éducation féminine. Rev. fr. gyn. obst., 1938, 33: 678-83.—**Bou langer, L.** Gonorrhea a disease of ignorance. Med. Press & Circ., Lond., 1928, n. ser., 126: 257.—**Clark, T.** The incidence, sociological aspects and suggestions as to the prevention of gonorrheal infections. South. M. J., 1931, 24: 691-6.—**Cohn, A.** Wichtiges für den Nichtmediziner auf dem Gebiete der Gonorrhöbekämpfung. Mitt. Deut. Ges. Bekämpf. Geschlkr., 1932, 30: 158.—**Fleisch, M.** Die Austilgung der Trippererkrankungen. Ibid., 1929, 27: 18-22.—**Flurschein, B.** La propagande dans la lutte contre la blennorrhagie. Prophyl. antivénér., Par., 1933, 5: 56-62.—**Gibson, N. M., & Wiley, C. J.** The standard of cure of gonorrhea in the male; with special reference to the problem of the prevention of venereal disease. Med. J. Australia, 1925, 2: 398-400.—**Guild, W. J. F.** A prophylaxis for gonorrhea. J. R. Nav. M. Serv., 1935, 21: 35.—**Herrold, R. D.** Problems of gonococcal infection; present status and future outlook. Am. J. Syph., 1939, 23: 19-22.—**Janet, J.** Prophylaxie de la blennorrhagie chez l'homme et chez la femme. Ann. mal. vénér., 1938, 33: 493-8.—**Oricchio, G.** Profilassi e cura della blennorrhagia. Rinsc. med., 1936, 13: 197.—**Pelouze, P. S.** The prevention and treatment of gonorrhea. N. England J. M., 1930, 202: 1233-7.—**Philipsen, K.** [Prevention of gonorrhea] Ugeskr. læger, 1932, 94: 443.—**Rodríguez Santana, L.** Profilaxia de la blenorragia. Bol. Min. san., Caracas, 1939, 4: No. 2, 91-101.—**Sosia, E.** La blenorragia, le sue conseguenze dannose e l'educazione sessuale. Med. prat., Nap., 1927, 12: 71-6.—**Tovar Faro, E. de.** Profilaxia da blenorragia no homem. Lisboa méd., 1935, 12: 702-14, ch.—**Zieler, K.** Der Tripper des Mannes. Mitt. Dent. Ges. Bekämpf. Geschlkr., 1932, 30: 49-60.

Prevention: Methods.

ESFANDIARI, H. A. [K.] *Versuche über Dublosan als Prophylaktikum bei Gonorrhoe. 30p. 8°. Bonn, 1930.

NEGREA, M. *Ueber Prophylaxe und Therapie der weiblichen Gonorrhoe. 19p. 8°. Münch., 1928.

SÉGUÉLA, L. *Essai de traitement de prophylaxie de l'uréthrite blennorrhagique par certaines solutions colloïdales métalliques [Paris] 32p. 8°. La Garenne, 1937.

WOSNITZKA, J. [F.] *Ueber eine Blennorrhoe prophylaxe nach Beobachtungen an dem Institut für Geburtshilfe und Frauenkrankheiten in Hamburg-Finkenau. 28p. 8°. Bresl., 1927.

Bacr, O. Can gonorrheal urethritis in the male be prevented? anatomic condition to be altered; technic of the operation; cases cited. Med. World, 1926, 44: 355-7.—**Ballenger, E. G., Elder, O. F., & McDonald, H. F.** The prevention of gonorrhoea; a further report on sealing solutions in the anterior urethra as a prophylactic measure and as a method of treatment for beginning gonorrhoea. J. M. Ass. Georgia, 1930, 19: 425-7.—**Barash, M. S.** [Prevention of gonorrhea in women] Vest. vener., 1937, 456-9.—**Boulanger, L.** Le problème de la prophylaxie de la blennorrhagie chez la femme. Rev. gén. clin. théor., 1927, 41: 19-24.—**Bruns, W.** Erfolgreiche Bekämpfung der Gonorrhoe in der Klinik und in der

ambulanten Praxis. Med. Welt, 1939, 13: 883-5.—**Cohn, A., & Peizer, L. R.** Further studies of the experimental gonococcal infection in mice and their protection by sulfanilamide. J. Infect. Dis., 1938, 63: 77-80.—**Cuilleret, P.** Rôle préventif des sulfamidés; à propos d'une observation. Bull. Soc. fr. derm. syph., 1939, 46: 1374-6.—**Dmitriev, A. I.** [Prevention of gonorrhea and its complications] Urologia, Moskva, 1940, 17: 65-70.—**— & Ovchinnikov, N. M.** [New prophylactic preparation Noda] Vest. vener., 1939, No. 9, 51-4.—**Faingold, I., & Kalsada, N.** Persönliche Prophylaxe venerischer Krankheiten nach zweijährigen Erfahrungen in der Prophylaxestation in Odessa. Derm. Wschr., 1927, 85: 1032-4.—**Habermann, R.** Persönliche Prophylaxe der Gonorrhoe. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1930, 20: Teil 2, 332-56.—**Hirota, S.** Disinfective potency of various disinfectants especially of sea-cream on gonococcus. Bull. Nav. M. Ass., Tokyo, 1936, 25: 3.—**Janet, J.** Un procédé prophylactique contre la blennorrhagie. P. verb. Congr. fr. urol., 1932, 32: 360-5.—**Königsberg, L. M.** [Experimental bases of personal prophylaxis against gonorrhea] Vener. derm., Moskva, 1931, 8: 67-9.—**Müller, F. X.** Gonomors, ein neues Prophylaktikum. Münch. med. Wschr., 1926, 73: 871.—**Pelouze, P. S.** Gonococcal infection. Trained Nurse, 1937, 99: 361-5.—**Sinha, K.** Gonorrhea and its method of prevention. Ind. M. Rec., 1938, 58: 269-81.—**Sysoin, K. G.** [Oxyviridol as a preventive against gonorrhea] Sovet. vest. vener., 1933, 2: 639-42.—**Walker, K. M.** Experimental bases of prophylaxis in gonorrhea. Brit. M. J., 1927, 1: 13.—**Zaigraev, M. A.** [Individual prophylaxis of gonorrhea during peace and war in Soviet Russia] Sovet. vest. vener., 1933, 2: 60-8.—**Zalutsky, L. E.** [Personal prophylaxis of gonorrhea in men] Ibid., 613-8.—**Zippert, L.** Gonorrhoe-Propylaxe. Med. Welt, 1927, 1: 1402.

Prognosis.

See also subheading Cure.

STIEWEL, M. *Ueber das Schicksal der gonorrhoeisch-infizierten Kinder. 40p. 8°. Lpz., 1928.

Abraham, J. J. Prognosis in gonorrhea in the male. Lancet, Lond., 1936, 2: 115.—**Frank, A.** Ueber das Schicksal der gonorrhoeisch infizierten Kinder. Mschr. Kinderh., 1927, 36: 483-98.—**Jaschke.** Pronóstico y tratamiento de la blenorragia en la mujer. Rev. méd. germ. ibér. amer., 1930, 3: 261-72.—**Mayr, J. K.** Lassen sich durch Sekretfärbungen mit kolloidalen Farbstoffen prognostische Schlüsse auf die Heilungsvorgänge bei der Gonorrhoe ableiten? Derm. Wschr., 1926, 82: 222-5.—**Strominger, L.** [The future of gonorrheal patients] Rev. román. urol., 1937, 4: 38-45.

Prostate.

DOMINGUEZ, A. *Contribución à l'étude du traitement des prostatovesiculites gonococciques. 98p. 8°. Par., 1932.

PETERS, W. *Zur Frage einer gonorrhoeischen Prostatitis ohne Erkrankungserscheinungen von seiten der hinteren Harnröhre [München] 16p. 8°. Würzb., 1933.

STEINBERGER, A. *Führt die durch Beteiligung der Prostata komplizierte Gonorrhoe in erhöhtem Masse zum Auftreten eines Rezidivs? 16p. 8°. Münch., 1931.

Barbellion, P. Le massage de prostate dans la guérison de la blennorrhagie. J. méd. Paris, 1933, 53: 229.—**Barrio de Medina, L.** prostatovesiculitis gonococcicas. Med. ibera, 1931, 25: 801-9. Also Rev. españ. med. cir., 1931, 14: 284-9.—**Clara & Richer.** Caverne prostatique consécutive à un abcès gonococcique. Bull. Soc. fr. derm. syph., 1935, 42: 690-3.—**Elsbach, E. M.** [Prostatitis gonorrhoea] Geneesk. tschr. Ned. Indië, 1939, 79: 1821.—**Fessler, A.** Thrombophlebitis der unteren Extremitäten bei Prostatitis gonorrhoea. Wien. med. Wschr., 1932, 82: 1552-5.—**Frühwald, R.** Behandlung der Prostatitis gonorrhoea mittels lokaler Complicanwendung. Derm. Wschr., 1936, 103: 913.—**Greenberger, A. J., & Greenberger, M. E.** The abortive treatment of acute gonorrheal prostatic abscess. Urol. Cut. Rev., 1926, 30: 585.—**Holliday, G. A.** Chronic gonorrhoeal prostatitis. Ann. J. Derm., 1908, 12: 331-9.—**Jorno, J.** [Methodology of preparing secretions of prostate gland for microscopic examination in gonorrheal cases] Vrach. gaz., 1928, 32: 275.—**Matta, C. M.** Las prostatitis blenorragicas crónicas y su tratamiento por las inyecciones intra-prostáticas transrectales de electrolarol. Crón. méd. mex., 1928, 191-7.—**Michael, M.** Vorbeugende Behandlung der gonorrhoeischen Prostatitis und Spermatozystitis. Deut. med. Wschr., 1933, 59: 1613.—**Mühlpfordt, H.** Ist man berechtigt, bei chronischer Prostatitis gonorrhoea die Prostataktomie auszuführen? Derm. Wschr., 1931, 93: 1776-8.—**Ohya, Z.** Etude microscopique du liquide prostatique obtenu par le massage dans les blennorrhagies chroniques avec prostatite. Acta derm., Kyoto, 1930, 16: 478-85.—**Rubinstein, D.** [Treatment of gonorrheal affections of the prostate gland by roentgen rays] Przgl. derm., Warsz., 1938, 33: 585-601.—**Willard, W. P.** The prostate in chronic gonorrhoea. California J. M., 1911, 9:

501-3.—**Wolbarst, A. L.** Report of a case of subacute gonorrhea involving the prostate, with masked anterior symptoms. *Urol. Cut. Rev.*, 1933, 37: 229-35.—**Zhorn, J. F.** [Methods of diagnosis for prostatic complications in gonorrhea] *Vener. dermat., Moskva*, 1929, 6: 50-7.

— Psychopathologic aspect.

Abeshouse, B. S. Infections of the male urethra by gram negative cocci following abnormal sexual practices. *Urol. Cut. Rev.*, 1938, 42: 325-34.—**Belgodère.** La blennorrhagie des bougres (tryptique clinique, psychologique, bactériologique) *Ann. mal. vénér.*, 1928, 33: 346-62.—**Bertoloty, R.** Gonorrhea contracted by buccal coitus. *Urol. Cut. Rev.*, 1933, 37: 255.—**Grimberg, A.** Un cas de gonococcie transmise du chien à l'homme. *Rev. path. comp.*, Par., 1925, 25: 239.—**Heller, J.** Kann eine Frau durch Amor lesbicus gonorrhoeisch infiziert werden? *Deut. med. Wschr.*, 1928, 54: 1930.—**Maderna, C.** Contagion gonococcica da amplesso orale. *Rinase. med.*, 1937, 14: 731, pl.—**Mihalovici, I.** Gonococcie urethritis following buccal coitus. *Urol. Cut. Rev.*, 1933, 37: 237.

— Public health aspect.

SHARON, J. P. Gonorrhea, a public infection. 15p. 22cm. Des Moines, Iowa, 1939.

Anderson, G. W. Gonococcal infection; a community problem. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 9-11.—**Bakshi, G. A.** [Soviet achievements in combating gonorrhea in women] *Akush. gin.*, 1937, No. 11, 93-8.—**Bertoloty, R.** The problem of social prophylaxis of gonorrhea. *Urol. Cut. Rev.*, 1934, 38: 720-2.—**Brimfield, W. A., jr.** The responsibility of the state in the control of gonococcal infection. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 164-7.—**Campaign against gonorrhea (Denmark)** *J. Am. M. Ass.*, 1939, 113: 247.—**Clark, T.** Some public health aspects of gonorrhea. *N. England J. M.*, 1931, 204: 713-7.—**—** The control of gonorrhea. *Vener. Dis. Inform.*, 1931, 12: 391-9.—**Elislatrova, M. F.** [Combating gonorrhea in women and children in Soviet Russia for 20 years] *Vest. vener.*, 1937, 1076-83.—**Elliott, H. M.** Public health aspects of gonorrhea. *Week. Bull. California Dep. Pub. Health*, 1935, 14: 173; 178.—**Evmin, I. A.** [Questions in control of gonorrhea in women and measures for the participation of gynecologists in this movement] *Akush. gin.*, 1940, No. 5, 38-41.—**Felke, H.** Die Gonokokkenkultur und ihre Rolle in der Bekämpfung der Gonorrhoe. *Derm. Wschr.*, 1938, 107: 1109-15.—**Howard, E. B.** Gonorrhea. *Commonwealth, Bost.*, 1939, 26: 18-20.—**Janet.** Le traitement social de la blennorrhagie. *J. urol. méd., Par.*, 1934, 37: 130-9.—**Jones, R. F.** The control of gonorrhea. *J. Nat. M. Ass., N. Y.*, 1938, 30: 63.—**Kaaland-Jørgensen, O.** [Control of gonorrhea] *Ugeskr. laeger*, 1940, 102: 985.—**Keyes, E. L.** Gonorrhea, stepchild of medicine. *J. Social Hyg.*, 1939, 25: 226-30.—**King, A. J.** The control of gonorrhea. *Vener. Dis. Inform.*, 1938, 19: 33-6.—**Kvater, E. I.** [Combating gonorrhea in women] *Sovet. vrach. J.*, 1937, 2: 565-71.—**Lailey, W. W.** The control of gonorrhea in women. *Canad. Pub. Health J.*, 1931, 22: 1-4.—**Lares, R. E.** Apuntes sobre blenorragia. *Bol. Min. san., Caracas*, 1937-38, 2: 1081-6.—**Lesskov, G. S.** [Combating gonorrhea in villages] *Sovet. vest. vener.*, 1934, 3: 586-9.—**Lomholt, E.** [Can gonorrhea be controlled?] *Ugeskr. laeger*, 1939, 101: 681-8.—**Mackinney, W. H.** Gonorrhea in its relation to public health. *Pennsylvania M. J.*, 1932, 35: 688-90.—**Nelson, N. A.** Why don't we stamp out gonorrhea? *Vener. Dis. Inform.*, 1940, 21: 313-9.—**Neumann, H.** Die Leistungsfähigkeit des Kulturverfahrens bei der Erfassung der weiblichen Infektionsquellen und die sich daraus ergebenden Folgerungen für den Kampf gegen die Gonorrhoe. *Derm. Wschr.*, 1938, 106: 325-30.—**Next steps in the control of gonococcal infections; a round-table discussion.** *Vener. Dis. Inform.*, 1938, 19: 214-20.—**Parran, T.** Present needs in the public health control of gonorrhea. *Tr. Am. Neisser. M. Soc.*, 1937, 3: 21-4. Also *Am. J. Syph.*, 1937, 21: 475-9.—**Pelouze, P. S.** The value of present therapeutic methods in the control of communicability of gonorrhea and suggestions for clinical study. *Ibid.*, 370-5.—**—** The role of the nurse in the fight against gonorrhea. *Trained Nurse*, 1938, 100: 42-5.—**Pruzhansky, A. I.** [Measures necessary for efficient combating of gonorrhea] *Sovet. vest. vener.*, 1932, 1: 9.—**Quintero, E.** La gonorrhea desde el punto de vista de salud pública. *Bol. As. méd. Puerto Rico*, 1940, 32: 98-100.—**Recommendations for a gonorrhea control program; report of an advisory committee to the United States Public Health Service.** *Vener. Dis. Inform.*, 1938, 19: 1-5.—**Rice, E. P.** The patient as the starting point in the search for gonorrhea. *J. Social Hyg.*, 1931, 17: 408-14.—**Rice, J. L.** The essential elements in a program for the control of gonorrhea. *Tr. Am. Neisser. M. Soc.*, 1937, 3: 47-59.—**Sogolov, L. I.** [Problems in control of gonorrhea in women and children] *Akush. gin.*, 1940, No. 5, 36-8.—**Talbot, H. P.** A general discussion of gonorrhea. *Connecticut Health Bull.*, 1938, 52: 219.—**Tribble, J. M.** Social and public health aspects of the gonorrhea problem. *Med. Insur.*, 1925-26, 41: 248-50.—**Verdades sobre la gonorrhea.** *Puerto Rico Health Bull.*, 1940, 4: 267-70.—**Villela Aparicio, C.** Sugestiones acerca de la campaña contra la blenorragia. *Tr. Panamer. M. Congr.* (1931) 1933, 3. Congr., 328-32.—**Vonderlehr, R. A.** Administrative problems in the control of gonococcal infection. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 168-71.—**—** & **Usilton, L. J.** The gonorrhea problem in the United States. *J. Am. M. Ass.*,

1937, 109: 1425-7.—**Zalkind, L. A.** [Organization in combatting gonorrhea in children and women] *Vest. vener.*, 1937, 98-110.

— Rectum.

DOMÉJAN, A. *Contribution à l'étude de la rectite blennorrhagique. 48p. 8°. Toulouse, 1900.

HEYDWEILLER, G. *Ueber Gonorrhoea rectalis der Frauen. 24p. 8°. Lpz., 1896.

KOBBE, H. *Hat die Rektalgonorrhoe bei Frauen seit dem Jahre 1919 zugenommen? [München] 24p. 8°. Frankfurt a. M. [1932]

MEIER, M. *Ueber die Häufigkeit der Rektalgonorrhoe bei Frauen. 16p. 8°. Münch., 1930.

WIRTH, L. *Der Mastdarmtripper der Frau, mit besonderer Berücksichtigung seiner Feststellung. 24p. 8°. Erlangen, 1935.

Almkvist, J. Contribution à l'étude de la périproctite gonococcique. *Acta dermat. vener., Upps.*, 1920, 1: 244-9.

Antonelli, G. Reumatismo e ascesso perianale da infezione gonococcica a porta di entrata rettale, conseguente a rapporti omosessuali. *Policlinico*, 1927, 34: sez. prat., 85-90.—**Bickel, L.** Ueber die Häufigkeit und Bedeutung der Rektalgonorrhoe der Frau. *Zbl. Gyn.*, 1932, 56: 200-6.—**Boas, H.** [Investigations concerning rectal gonorrhea in children] *Hospitals-tidende*, 1919, 62: 1377-82.

— Untersuchungen über Rektalgonorrhoe bei Frauen. *Derm. Wschr.*, 1920, 70: 56-60.—**Brintzer, J.** Zur Rektalgonorrhoe der Frau. *Ibid.*, 1928, 86: 438.—**Brunswic-Je-Bihan.** La blennorrhagie rectale et ses complications. *Bull. Acad. méd., Par.*, 1907, 3. ser., 57: 501-3.—**Brunet, W. M., & Salberg, J. B.** Gonococcus infection of the anus and rectum in women: its importance, frequency, and treatment; a study of 250 cases. *Am. J. Syph.*, 1936, 20: 37-44.—**Cain, A., & Cattani, R.** La rectite aiguë gonococcique. *Arch. mal. app. digest., Par.*, 1937, 27: 886-90.—**Calmann, A.** Die bakteriologische Diagnose der Rektalgonorrhoe. *Deut. med. Wschr.*, 1922, 48: 1678.—**Clements, P. A., & Hughes, K. E. A.** The incidence of proctitis in gonorrhoea of females. *Lancet, Lond.*, 1935, 2: 18.—**Cress, W. W.** Gonorrheal proctitis; a report of 2 cases. *U. S. Nav. M. Bull.*, 1917, 11: 228.—**Dahmen, O.** Ueber die Beteiligung des Rectums bei der Gonorrhoe der Frau. *Arch. Derm. Syph., Berl.*, 1932, 165: 743-7.—**Demeter, G.** [Rectal gonorrhea in women and its treatment] *Budapesti orv. ujs.*, 1904, 2: 613-5.—**Eichhorn, R.** Beiträge zur Kenntnis der Rektalgonorrhoe. *Derm. Zschr.*, 1909, 16: 439-49.—**Flügel, K.** Ueber Rectalgonorrhoe bei Vulvovaginitis infantum. *Berl. klin. Wschr.*, 1905, 42: 325.—**Gaucher, & Le Noir.** Rétrécissement du rectum d'origine blennorrhagique chez un syphilitique. *Ann. mal. vénér.*, 1917, 12: 577-81.—**Goldsmith, A. A.** Gonorrheal stricture of rectum in a white male. *Med. Clin. N. America*, 1930-31, 14: 1201-5.

— Chronic gonorrhea of rectum: liver abscess. *Ibid.*, 1207-10.—**Gorash, B. A.** Gonorrhoea of the rectum. *Brit. J. Vener. Dis.*, 1928, 4: 74-82.—**Guseva, E. B.** [Frequency and causes of gonorrheal proctitis] *Vest. vener.*, 1937, 207-11.—**Gutmann, R. A., & Bureaugaard.** Traitement d'un cas de rectite gonococcique par le carotène. *P. verb. Congr. internat. gastroentér.*, 1935, 1. Congr., 1099.—**Harlsse, B.** Ueber Rektalgonorrhoe. *Munch. med. Wschr.*, 1919, 66: 1143.—**Hayes, H. T.** Gonorrhea of the anus and rectum; report of 75 cases. *J. Am. M. Ass.*, 1929, 93: 1878-81.—**Jadassohn, J.** Mastdarmgonorrhoe in Folge von Incision eines gonorrhoeischen Pseudoabscesses. *Beitr. Derm. Syph. Festschr. I. Neumann, Lpz.*, 1900, 322-30.—**Kaganovich, I. I., Katzenellenbaum, L. I., & Trachtenberg, S. V.** [Rectal gonorrhea and its treatment] *Akush. gin.*, 1939, No. 10, 24-8.—**Kan, A. G., Kagan, N. P., & Gitiianova, A. I.** [Gonorrheal proctitis in women] *Ibid.*, 1937, No. 7, 81-4.—**Karo, W.** Zwei Fälle von Rectalgonorrhoe als Folge von Entleerung gonorrhoeischer Elteransammlungen ins Rectum. *Berl. klin. Wschr.*, 1901, 38: 101-3.—**Kaumheimer, L.** Ueber Rektalgonorrhoe im Kindesalter. *Munch. med. Wschr.*, 1910, 57: 963-5.—**Klövekorn, G. H.** Zur Häufigkeit der Rektumgonorrhoe. *Derm. Zschr.*, 1930-31, 60: 410-2.—**Kneucker, A. W.** Zur Prophylaxe der Mastdarmgonorrhoe. *Wien. klin. Wschr.*, 1933, 46: 1153.—**Kochetov, B. P.** [Morgagni's crypts in gonorrhea and their treatment] *Vest. vener.*, 1937, No. 9-10, 955-7.—**Landesman, A. U., & Enoch, A. I.** [Problem of gonorrhea of the rectum in women] *Vener. dermat., Moskva*, 1929, 6: 54-8.—**Mamuzsich, A.** [Fatal cases of rectal gonorrhea] *Orv. hetil.*, 1930, 74: 389.—**Mapes, C. C.** Neisserian proctorrhea. *Urol. Cut. Rev.*, 1916, 20: 23-7.—**Marshall, W. A.** Membranous colitis due to rectal gonorrhea. *Illinois M. J.*, 1928, 53: 368.—**Martin, H.** Ein Beitrag zur Lehre von der Rektalgonorrhoe. *Derm. Wschr.*, 1923, 76: 506-10.—**Martin, C. L.** Rectal gonorrhea in women. *J. Am. M. Ass.*, 1935, 104: 192-5.—**—** Gonococcal infection of the rectum. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 48-51.—**Rectal gonorrhea.** *Illinois M. J.*, 1940, 77: 359-62. Also *Ind. J. Vener. Dis.*, 1940, 6: 132-6.—**Monroe, G. J.** Gonorrheal hemorrhoids. *Cincinnati Lancet Clinic*, 1902, n. ser., 49: 182.—**Mucha.** Ueber Rektalgonorrhoe. *Verh. Deut. dermat. Ges.*, 1908, 10: 277-81.—**Mühlpfordt, H.** Wie lange können Gonokokken im Mastdarm virulent bleiben? *Zschr. Urol.*,

1929, 23: 711.—Nassauer, M. Ein besonderer Fall von Rektal-gonorrhoe. Fortsch. Med., 1928, 46: 487.—Oraison. Abcès périrectal à gonocoques. Gaz. sc. méd. Bordeaux, 1904, 25: 385.—Peiser, B. Gonorrhoe des Rectums. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1934, 20: pt 1, 820-60.—Pugh, W. S. Gonococcal proctitis. Urol. Cut. Rev., 1938, 42: 758-61.—Ribadeau-Dumas, Savignac, R., & Gaucher. Un cas de rectite gonococcique aiguë chez un nourrisson; étude rectoscopique. Arch. mal. app. digest., Par., 1935, 25: 940-1.—Rivelloni, G. Sur un cas de proctite ulcéreuse gonococcique. Ann. mal. vénér., 1933, 27: 561-78, pl.—Rosser, C. Gonorrhea of the anal canal. Med. Rec., Houston, 1938, 32: 566.—Ruys, A. C. Rectal gonorrhea in women. Ind. J. Vener. Dis., 1939, 5: 81-5.—Schifan, W. Zur Häufigkeit und Diagnostik der Rectal-Gonorrhoe bei Frauen. Med. Klin., Berl., 1929, 25: 305.—Schmidt, F. Ueber Rectalgonorrhoe bei Prostituierten. Verb. Kongr. nord. dermat. Ver. (1913) 1914, 2. Congr., 106-9.—Ueber Rectalgonorrhoe bei Prostituierten. Derm. Zschr., 1913, 29: 1065-77.—Schneider, W. Ueber Rektal-gonorrhoe; zusammenfassende Darstellung. Berl. klin. Wschr., 1904, 1340-2. Also Wien. klin. Wschr., 1904, 1340-2.—Scmazoni, T. Contributo alla conoscenza della proctite ulcerosa gonococcica. Gior. ital. mal. vener., 1923, 64: 409-27, pl.—Silva, F. I. da. A proposito de um caso de ano-rectite blenorragica. Brasil med., 1910, 24: 458.—Singer, L. Ueber die Häufigkeit des Mastdarmtrippers bei Frauen. Derm. Wschr., 1928, 86: 506-10.—Storch, L. Un caso raro d'infezione rettale da gonococco. Pediat. prat., Mod., 1928, 5: 61-4.—Stühmer, A. Der klinische Verlauf der Rektalgonorrhoe (mit einem Beitrag zur Fieberhandlung der Gonorrhoe) Derm. Zschr., 1921, 32: 12-24, pl.—Stumpke, G. Beobachtungen über Rektalgonorrhoe bei Kindern. Münch. med. Wschr., 1916, 63: 1720.—Temesváry, M. [Gonorrhea of the rectum in women] Orv. hetil., 1881, 75: 112-4. Also Zbl. Gyn., 1930, 54: 3140-5.—Udalevich, G. L., & Kaussman, A. M. [Clinical cases of gonorrhea of the rectum in girls] Mosk. med. J., 1929, 9: 42-58.—Zobel, A. J. Primary gonorrhea of the rectum in the male. Tr. Am. Proct. Soc., 1909, 132-40. Also Proctologist, 1909, 3: 188-96. Also Med. Progr., Louisv., 1911, 27: 107-10.

— Recurrence, and reinfection.

BARFOD, H. *Das klinisch-anatomische Bild der schweren recidivierenden Gonorrhoe. 36p. 8°. Kiel, 1934.

HOFMANN, P. *Rückfälle im positiven Gonokokkenbefund während der Behandlung der weiblichen Gonorrhoe ohne vorausgegangene Provokation [München] 19p. 8°. Ingolstadt a. D., 1930.

WACHOWSKI, B. *Besteht die Möglichkeit einer descendierenden Reinfektion bei der weiblichen Gonorrhoe? 20p 21cm. Heidelberg, 1937.

Ashavsky, M. S., & Pruzhansky, A. I. [Reinfection of gonorrhea in men] Sovet. vest. vener., 1934, 3: 363-71.—Bronstein, V. G. [Local immunity of the urethra in a second gonococcal infection] Vener. dermat., Moskva, 1930, 7: 89.—Dreyfus, M. Blenorragie aiguë à réchute guérie par un traitement urétroscopique. Bull. Soc. fr. urol., 1933, 51-8. Also J. urol. méd., Par., 1933, 35: 164-70.—Geyer, H. Ueber Rückfälle beim Tripper des Mannes und deren Ursachen. Zschr. Urol., 1929, 23: 560-71.—Heitz-Boyer. Diverticule prostatique et blenorragie rebelle récidivante. Bull. Soc. fr. urol., 1934, 159-61.—Janet, J. Rechute ou contagion blenorragique nouvelle? Ann. mal. vénér., 1940, 35: 139-41.—Marselos, V. Ueber Rezidive und Komplikationen der Gonorrhoe im Anschlusse an Dengue-Fieber. Zschr. Urol., 1930, 24: 246-9.—Valerio, A. Blenorragias crônicas curadas pelo gonococcismo agudo. Brasil med., 1929, 43: 457-9.

— Reproductive function.

See also Coitus, Impotence; Sterility.

HENSCHKE, H. *Die Pathogenese der Komplikationen bei gonorrhoeischer Erkrankung der hinteren Harnröhre die zur Unfruchtbarkeit führen [Berlin] 24p. 23cm. Charlottenb., 1938.

KRUSE, H. *Unfruchtbarkeit durch ein- und doppelseitige gonorrhoeische Nebenhodenentzündung. 15p. 23cm. Berl., 1937.

LUTTERBERG, W. *Ueber Azoospermie besonders infolge doppelseitiger gonorrhoeischer Nebenhodenentzündung. 35p. 8°. Königsb., 1936.

WASCHULEWSKI, H. *Ueber Schwangerschaft, Geburt, Wochenbett und spätere Fertilität gonorrhoeischer Frauen. 55p. 8°. Königsb., 1935.

Bach-Anchel, E. Blenorragie et fonction de reproduction. Bull. méd., Par., 1936, 50: 341-4.—Baralt Medina, J., & Curbelo

y Hernández, A. Las gonococcias ignoradas; su relación con la hipofunción sexual e importancia del espermoecultivo en venerología. Rev. méd. cubana, 1930, 41: 1107-24.—Bayle, H. La stérilité masculine par lésions organiques; le traitement chirurgical dans les séquelles de l'épididymite blenorragique. Bull. méd., Par., 1935, 49: 748-57.—Béclère, C. La blenorragie féminine, cause de stérilité. Rev. fr. gyn. obst., 1938, 33: 675-8. — & François, E. La stérilité est due principalement à la gonococcie chronique. Presse méd., 1938, 46: 1525-7.—Chevassu, M. Les oblitérations blenorragiques de l'épididyme et leur traitement chirurgical. In Oeuvre (Delbet, P.) Par., 1932, 323-31.—Cottini, G. B. Ripercussioni sulla spermatogenesi delle epididimiti gonococciche unilaterali. Gior. ital. dermat. sif., 1936, 77: 995-1025.—Heiner, L. [Male sterility and gonorrhea] Orv. hetil., 1938, 82: 1019-22.—Hühner, M. The role of the gonococcus in sterility. Am. J. Surg., 1928 n. ser., 4: 299-303.—Laffont, A., & Fulconis, H. La stérilité d'origine blenorragique à la maternité d'Alger. Rev. fr. gyn. obst., 1938, 33: 672-5.—Roucaurol, P. E. Guérison de la stérilité d'origine gonococcique chez la femme. Médecine, Par., 1927, 8: 513.—Schmidt, W. Untersuchungen über die Häufigkeit der Zeugungsunfähigkeit nach doppelseitiger gonorrhoeischer Nebenhodenentzündung. Derm. Wschr., 1938, 106: 8-10.—Sorrentino, B. Blenorragia femminile e sterilità gonococcica. Rinasc. med., 1939, 16: 408-11.—Speransky, V. A. [Impotence due to gonorrhea] Vrach. gaz., 1931, 35: 1431-4.—Valverde, B. Sobre as perturbações genitais do homem ligadas às urethrites e prostates-vesiculites crônicas. Fol. med., Rio, 1930, 11: 353-8.

— Research [including societies]

Cimoca, V. [Gonorrhea in the light of recent discoveries] Cluj. med., 1934, 15: 540-1.—Franck, F. L'évolution de nos conceptions sur la blenorragie (étude clinique, bactériologique et prophylactique) Schweiz. med. Wschr., 1934, 64: 881.—Franck, G. Considérations sur les problèmes complexes présentés actuellement par la blenorragie. Rev. méd. Suisse rom., 1928, 48: 623-35.—Goldman, M. Gonococcal disease; its nature and problems. J. Missouri M. Ass., 1930, 27: 23-8.—Gougerot, H. Conférence nationale française contre la blenorragie. Ann. mal. vénér., 1933, 28: 505-33.—La deuxième Conférence nationale française contre la blenorragie pour l'étude de la chimiothérapie interne de la gonococcie, conférence préparatoire de Paris, 21 mars 1938; et assemblée générale de l'Union internationale contre le péril vénérien, Alger, 22 avril 1938. Ibid., 1938, 33: 257-61.—Rapport général de la séance préparatoire de la deuxième Conférence nationale française de la blenorragie consacrée à la chimiothérapie antigonococcique et tenue à Paris, le 21 mars 1938, au ministère de la santé publique. Prophyl. antivénér., Par., 1938, 10: 494-513.—Rapport général de la troisième Conférence française de la blenorragie; tenue à Paris, le 9 mars 1939, au Ministère de la Santé Publique. Ann. mal. vénér., 1939, 34: 227-56.—Jausion. Conférence de la blenorragie. Prophyl. antivénér., Par., 1939, 11: 335-7.—Milian, G. A propos des diverses communications faites à la conférence de chimiothérapie de la blenorragie. Ann. mal. vénér., 1938, 33: 288. Also Prophyl. antivénér., Par., 1938, 10: 490-2.—Muckenfuss, R. S. Methods of obtaining funds for encouragement of research on the gonococcus and gonococcal infections. Tr. Am. Neisser. M. Soc., 1936, 2: 80-2.—Pelouze, P. S. Some suggestions for future activities of our society. Ibid., 34-9.

— Respiratory system, and mouth.

DUPONT, P. [née LE BALC'n] *Contribution à l'étude des complications pulmonaires de la blenorragie [Paris] 51p. 8°. Rennes, 1936.

HAUCK, L. Tripper der Mundschleimhaut, der Nase, der Ohren, des Mastdarms, des Auges, Allgemeinkrankheiten bei Tripper. p.347-422. 4°. Berl., 1934.

In Haut Geschlkr. (Arzt & Zieler) Berl., 1934, 5:

Campagnari, C. Abceso nasal como complicación poco frecuente de la blenorragia. Rev. otoneur., B. Air., 1937, 12: 20.—Gysberti Hodenpyl, J. [Gonorrheal abscess of the throat] Geneesk. tschr. Ned. Indië, 1934, 74: 616-8.—Jacoby, H. Gonorrhoeische Arthritis eines Kehlkopfgebildes. Klin. Wschr., 1927, 6: 2049.—Kocysheva, K. A. [Affections of the oral cavity and upper respiratory tract in gonorrhea] Vest. otorinol., 1938, 537-40.—Lesser, F. Stomatitis gonorrhoeica. Arch. Derm. Syph., Berl., 1926, 151: 462.—Pirila, P. Arthritis gonorrhoeica artic. cricoarytaenoides. Forh. Nord. dermat. foren., 1925, 6: 170-4.—Prada, E. Sinusitis fronto-etmoidal de origen exclusivamente gonocócico. Libro de actas Congr. nac. otorinol., Madr., 1912, 4. Congr., 417-21.—Rousset. Présence probable de gonocoques dans l'expectoration bronchique au début d'une blenorragie. Bull. Soc. fr. dermat. syph., 1933, 40: 1079-81.—Sprinz, O. Gonorrhoe des Mundes, der Nase und des Ohres. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1934, 20: pt 1, 780-819.

— Rheumatism.

See also subheadings Arthritis; Bone; Muscles.

BEKER, D. *Contribution à l'étude du

rhumatisme blennorrhagique. 53p. 8° Par., M. Vigne, 1934.

DELORMEAU, P. *Contribution au traitement du rhumatisme blennorrhagique par le dagénan, 693. 32p. 24 $\frac{1}{2}$ cm. Par., 1939.

DÉROT, M. Le traitement du rhumatisme gonococcique. 41p. 23 $\frac{1}{2}$ cm. Par., 1938.

GRABLI, M. *Recherches sur le rhumatisme gonococcique; allergie et protéinothérapie. 70p. 8° Par., 1931.

LUIZY, R. *Quelques observations de rhumatismes blennorrhagiques traités par la vaccinothérapie et la sérothérapie. 44p. 8° Par., 1920.

PRÉAUT, R. *L'exsudothérapie, ses avantages dans le traitement des rhumatismes gonococciques. 74p. 8° Par., 1926.

RAVAUT, P., & BOULIN, R. Rhumatisme blennorrhagique. 34p. 8° Par., 1930.

ROUX, J. B. *Contribution à l'étude du traitement du rhumatisme blennorrhagique; les injections intra-musculaires de lait associées à la vaccinothérapie. 93p. 8° Par., 1925.

Audbert, Ribat & Bec. Un cas de rhumatisme gonococcique de la puerpéralité, traité par le vaccin de l'Institut Pasteur et l'autohémothérapie. Bull. Soc. obst. gyn. Paris, 1933, 22: 262.

— Baker, D. M. Gonococcal rheumatism. Brit. J. Rheumat., 1939-40, 2: 208-11.

— Bayer, P. The medical aspect of gonorrheal rheumatism. S. Afr. M. J., 1936, 10: 89-91.

— Beaufond, F. H. de. Rhumatisme gonococcique au quatrième jour d'une urérite aiguë. Bull. Soc. fr. urol., 1926, 5: 201-3.

— Belfield, W. T., & Rolnick, H. C. Enlarged prostate or vesiculitis? operative treatment of gonorrheal rheumatism. Surg. Clin. N. America, 1927, 7: 637-41.

— Bezançon, Conte [et al.] Quelques cas de rhumatisme blennorrhagique traités par les lysats-vaccins. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 149-58.

— Also J. méd. Paris, 1929, 48: 823-9.

— Boppe. Traitement orthopédique et chirurgical des formes prolongées et chroniques du rhumatisme blennorrhagique. Rev. rhumat., Par., 1938, 5: 807-29.

— [Discussion] 963-8.

— Brace-Gillot, L. Rhumatismes blennorrhagiques. Ibid., 76-83.

— Brulé, M., Hillemand, P., & Vildé, L. Deux cas de rhumatisme gonococcique traités par la para-amino-phényl-sulfamide. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1650-2.

— Chapa, O. E. Diagnóstico y tratamiento del reumatismo blennorrhágico. Rev. méd. veraeruz., 1934, 14: 1267-78.

— Claudel. Sur un cas méconnu de rhumatisme gonococcique généralisé. Ann. mal. vénér., 1931, 26: 101-3.

— Coste, F., Demanche, R., & de Charmant, P. Essais de réactivation de la gonoréaction pour le diagnostic étiologique des rhumatismes. Presse méd., 1936, 44: 1499-502.

— De Marchi, E., & Venzoni, M. Ricerche sperimentali sulle artriti e sul reumatismo gonococcico. Gior. batt. immun., 1938, 20: 1125-47.

— Even, R. Reumatismo blennorrhágico. Dña méd., B. Air., 1929-30, 2: 906.

— Françon, F. Rhumatismes blennorrhagiques et traitement hydrominéral d'Aix-les-Bains. Bull. méd. Par., 1940, 54: 206-8.

— Gaté, J., Thiers, H. [et al.] Rhumatisme blennorrhagique avec iritis; guérison par le vaccin antigonococcique intraveineux et le 693 associés. Bull. Soc. fr. derm. syph., 1939, 46: 224.

— Goldey, A. Acute gonorrheal rheumatism and its treatment. Urol. Cut. Rev., 1926, 30: 17-21.

— Gómez, O. Reumatismo blennorrhágico, tratado con vacuna antigonococcica; curación. Bol. Soc. cir. B. Aires, 1936, 20: 501-3.

— Gougerot, H., Coste, F., & Durel, P. Formes prolongées et chroniques du rhumatisme blennorrhagique. Rev. rhumat., Par., 1938, 5: 753; 957.

— Also Ann. mal. vénér., 1939, 34: 4-31.

— Gregorio García-Serrano, E. de. Quimioterapia del reumatismo gonococcico. Clin. lab., Zaragoza, 1932, 20: 293-8.

— Heidenreich, A. J., & Costa Bertani, G. Flebitis y reumatismo gonococcico. Rev. As. méd. argent., 1938, 52: 557-9.

— Isemein, L. Le rhumatisme blennorrhagique au cours de la puerpéralité. Marseille méd., 1925, 62: 1908-15.

— Jausion, H. La polychimiothérapie des formes prolongées et chroniques du rhumatisme blennorrhagique. Rev. rhumat., Par., 1938, 5: 995-1002.

— Jausion, J. L'auto-urothérapie dans les rhumatismes gonococciques et psoriasique, et contre les accidents de la médication aurique. Ibid., 1936, 3: 798-800.

— Jourdanet, P. Traitement des formes prolongées et chroniques du rhumatisme blennorrhagique à Uriage. Ibid., 1938, 5: 1011.

— Lacapère, J. Rhumatismes blennorrhagiques. Bull. méd. Par., 1931, 45: 155-61.

— Lamblin, J. Le traitement du rhumatisme blennorrhagique par les composés arsénicaux organiques. J. sc. méd. Lille, 1928, 46: 117-23.

— Legate. Le traitement thermal du rhumatisme gonococcique. Rev. rhumat., Par., 1938, 5: 1008-11.

— Letondal, P. Un cas de rhumatisme blennorrhagique chez une fillette de 3 ans. Union méd. Canada, 1929, 58: 325-8.

— Lloyd, V. E. Gonorrheal rheumatism. Clin. J., Lond., 1932 61: 424-9.

— Lubet. De l'influence favorable de l'hyperthermie dans le traitement du rhumatisme blennorrhagique. Marseille méd., 1926, 63: 884-8.

— Luys, G. Traitement du rhumatisme blennorrhagique. P. verb. Congr. fr. chir., 1926, 35: 668-73.

— Also Clinique, Par., 1927, 22: 33.

— Madrid, A. Le rhumatisme blennorrhagique et son traitement d'élection. Bull. Soc. fr.

urol., 1931, 268-72.

— Mello Ferrari, M. de. A importancia da investigação das infecções gonocóccicas ou outras do aparelho genital no diagnóstico e tratamento dos reumatismos na mulher. Med. contemp., Lib., 1931, 50: 229-32.

— Miller, W. [Pathogenesis of gonococcal rheumatism of the joints] Warsz. czas. lek., 1936, 13: 585; 605.

— Peinár, J. [Blennorrhagic pseudorheumatism] Cas. lék. česk., 1927, 66: 1177; 1211.

— Piffault, C., & Delaplace, S. Rhumatisme blennorrhagique; traitement par l'association infra-rouge massage. Bull. Soc. méd. Paris, 1936, 51-3.

— Rizzo, J. Reumatismo gonococcico y seroterapia intraarticular. Prensa méd. argent., 1933-34, 20: 1928-32.

— Also Rev. sudamer. endocr., B. Air., 1933, 16: 698-704.

— Pierini, E. A. La seroterapia específica periarticular en el reumatismo gonococcico. Prensa méd. argent., 1934, 41: 1062-8.

— Sabah, H., & Faham, D. Un cas de rhumatisme blennorrhagique traité avec sérum anti-méningococcique. Rev. prat. mal. pays chauds, 1937, 17: 556-60.

— Surmont, J., & Michon, G. Les thérapeutiques physiques des formes prolongées et chroniques du rhumatisme blennorrhagique. Rev. rhumat., Par., 1938, 5: 830-52.

— Thiers, H., & Jeune, M. Considérations sur 3 cas de rhumatisme blennorrhagique traités par les dérivés organiques du soufre. Bull. Soc. fr. derm. syph., 1938, 45: 762-4.

— Villaret, M., & Klotz, H. P. Deux localisations atypiques du rhumatisme blennorrhagique: myosite et radiculo-névrite. Paris méd., 1935, 95: 209.

— Weissenbach, R. J., & Perlès, L. Existe-t-il un rhumatisme chronique progressif de nature gonococcique? Rev. méd., Par., 1939, 56: 209-31.

— Also & Françon, F. Remarques sur la statistique des cas de rhumatisme gonococcique chronique observés dans une consultation parisienne de rhumatologie. Rev. rhumat., Par., 1938, 5: 979-84.

— Weissenbach, R. J., & Témine, P. La place des sulfamides et de leurs dérivés dans le traitement des rhumatismes gonococciques. Rev. méd., Par., 1939, 56: 240-7.

— Seminal vesicle.

BRINKMAN, W. C. *Vas injections in the treatment of chronic gonorrhea with special reference to the treatment of seminal vesiculitis [Milwaukee Co. Hosp.] 15 l. 4° Wauwatosa, Wisc., 1929.

TERSLUISEN, T. *Beitrag zur gonorrhoeischen Samenblasenentzündung. 43p. 8° Bonn, 1925.

ARONSTAM, N. E. Some problems in treatment of gonorrheal spermatoecystitis. Urol. Cut. Rev., 1925, 29: 463-5.

— Asteriades, M. Der Tripper der Samenblasen. Derm. Wschr., 1935, 101: 1161-7.

— Bertoloty, R. Sobre el tratamiento de las espermatoecistitis gonocóccicas. Siglo méd., 1931, 87: 641-3.

— Also Urol. Cut. Rev., 1932, 36: 379-81.

— Chiodano, C. Studi batteriologici nelle affezioni delle vescicole seminali: significato della spermocultura nel gonococcismo latente. Gior. batt. immun., 1926, 1: 370-84.

— David, C. La vésiculite blennorrhagique chronique et son traitement. Vie méd., 1926, 7: 191-3.

— Fronstein, R. Ueber die Endresultate bei Vesiculitis gonorrhoea. Zschr. Urol., 1928, 22: 497-503.

— Also Russ. klin., 1927, 7: No. 36, 642-9.

— Golay, J. Le traitement de la vésiculite blennorrhagique par la méthode de Belfield-Luys. Ann. mal. vénér., 1939, 34: 65-9.

— Haenens, A. d'. La spermatoecyste blennorrhagique. Progr. méd. belge, 1908, 10: 137-9.

— Jallifier, A. Réflexions sur un cas de lavage des vésicules séminales. Clinique, Par., 1928, 23: 235.

— Langer, E. Post-gonorrhoeisches Samenblasenempyem mit Perforation in die Blase. Arch. Derm. Syph., Berl., 1925, 149: 404-8.

— Roper, R. S. Gonococcal infection of the seminal vesicles. Lancet, Lond., 1931, 1: 793-800.

— Ssubotzky, V. E. [Gonorrhea: catheterization of ejaculatory ducts as method of diagnosis and therapy in affections of the seminal vesicles] Vener. dermat., Moskva, 1929, 6: 52-9.

— Also Venable, J. M. The surgical treatment of gonorrheal seminal vesiculitis. Med. Rec., Houston, 1926, 20: 29-31.

— Wolbarst, A. L. Vasotomy in the treatment of chronic seminal vesiculitis of gonorrheal origin. Brit. J. Vener. Dis., 1936, 12: 79-87.

— Zagraev, M. A. [Pathogenesis of gonorrheal inflammation of the seminal vesicles, based upon anatomico-histological and roentgenological data] Vener. dermat., Moskva, 1930, 7: 39-48, 4 pl.

— Also Urol. Cut. Rev., 1933, 37: 485-93.

— Sepsis.

HERSHMAN, A. *Zwei Fälle von gonorrhoeischer Sepsis nach chirurgischem Eingriff. 31p. 8° Zür., 1936.

SERVIERES, H. *Contribution à l'étude des septicémies gonococciques. 79p. 23 $\frac{1}{2}$ cm. Par., 1938.

Ajello, G. Sterilità femminile e cultura dello sperma nella gonococcemia femminile (contributo clinico) Rass. ostet., 1927, 36: 148-66.

— Brock, J. C., & Carstens, J. H. G. [Case of gonococcal septicemia with gonococcal meningitis in a case of blennorrhoea neonatorum] Ned. tscrh. genesk., 1936, 80: 1736-9.

— Christiansen, B. [Sepsis in gonorrhea] Ugeskr. laeger, 1937, 99: 734-8.

— Degan, E., & Sighet, P. [Case of gonococcal septicemia from a wound of the skin] Cluj. med., 1936, 17: 28-31.

— Deicher, H., & Lechner, A. Die Gonokokkensepsis und ihre Diagnose. Med. Klin., Berl., 1926, 22: 731-

3.—**Fimiani, V.** Contributo clinico sulla setticemia gonococcica pura. *Fol. med., Nap.*, 1926, 12: 850-61.—**Fleischacker, H.** Ueber einen Fall von Gonokokkensepsis. *Med. Klin., Berl.*, 1937, 33: 466.—**Hoffman, S. J., & Schneider, M.** Gonorrheal sepsis in an infant: report of a case following ophthalmia neonatorum. *J. Am. M. Ass.*, 1937, 109: 1447.—**Shustorov, G. A.** [General gonococcal infections] *Vener. derm., Moskva*, 1929, 6: 39-43.—**Siegel, L. A.** A case of gonococcus septicaemia. *Bull. Buffalo Gen. Hosp.*, 1925, 3: 66-9.—**Sniegowski, J.** [Case of septicaemia gonococcica with fatal outcome in the course of acute gonorrhea] *Med. prakt., Posnań*, 1932, 6: 43-5.—**Söderling, B.** A case of gonococcal sepsis in a newborn infant. *Acta paediat., Upps.*, 1933-34, 15: 134.—**Tebbutt, A. H.** Two cases of gonococcal septicaemia. *Med. J. Australia*, 1926, 2: 451.—**Teissier, P.** Sur un cas de dissémination gonococcique avec localisations articulaires et pleuro-pulmonaires bilatérales; identification du germe recueilli dans le liquide pleural et détermination dans le sérum des réactions humorales spécifiques de l'agglutination et de la réactions de fixation. *Bull. méd., Par.*, 1930, 44: 626-9.—**Trancu-Rainer, M.** Gonokokkenseptikämie im Wochenbett. *Zbl. Gyn.*, 1930, 54: 1303-6.—**Weber, H., Schulten, H.** [et al.] Die Bedeutung gonorrhöischer Allgemeininfektionen. *Med. Welt*, 1935, 9: 1315-9.

Sepsis: Cure.

Duvour, M., Pollet, L. [et al.] Blennorrhagie; choroïd-rétinite métastatique; méningo-myélite grave; endocardite curable. *Bull. Soc. méd. hôp. Paris*, 1933, 3. ser., 49: 466-74.—**Filler, W.** Gonococcemia with recovery. *J. Am. M. Ass.*, 1933, 100: 1149. Also repr.—**Friedberg, C. K.** Gonococcemia with recovery; report of 4 cases. *Am. J. M. Sc.*, 1934, 188: 271-8.—**Garlock, J. H.** Gonococcal bacteremia in a woman, with cure by surgical intervention. *J. Am. M. Ass.*, 1931, 97: 999.—**Kritsis, S. H.** Gonococcemia with complete recovery. *N. York State J. M.*, 1935, 35: 1208-10.—**Rubenstein, A. I., & Israel, S. L.** Gonococcemia with recovery. *J. Am. M. Ass.*, 1932, 99: 1684.—**Schaeffer, H., & Baron, P.** Gonococcemia à localisations multiples, articulaires, cardiaques, méningée et cutanée suivie de guérison. *Paris méd.*, 1927, 65: 93-6.—**Sitkér, J.** [Recovery from gonococcal sepsis] *Gyógyászat*, 1937, 77: 449. Also *Orv. hetil.*, 1937, 81: 438.—**Wheeler, G. W., & Cornell, N. W.** Gonococcal bacteremia in a woman, with apparent cure by surgical intervention. *J. Am. M. Ass.*, 1930, 94: 1568-70.—**Zadoc-Kahn, Ogiastri & Wauthier.** Un cas de gonococcémie grave suivie de guérison. *Gaz. hôp.*, 1926, 99: 1613.—**Zelasco, A. M., Bakmas, N., & Pastoriza, J. M.** Septicemia gonococcica curada con autohemoterapia. *Sem. méd., B. Air.*, 1933, 40: pt 2, 2025-7.

Sepsis: Pathology.

See also subheadings Arthritis; Cardiovascular system; Peritoneum; Skin, &c.

Alexandresco-Dersca, G., & Jonesco, D. Thyroïdite suppurée gonococcique à la suite d'une gonococcémie avec rhumatisme polyarticulaire et érythème noueux gonococcique. *Paris méd.*, 1932, 83: 188.—**Bakst, H. J., Foley, J. A., & Lamb, M. E.** Gonorrheal septicemia and erythema nodosum. *Ann. Int. M.*, 1935-36, 9: 790-7.—**Blumer, G., & Nesbit, R. R.** A case of gonococcal septicemia with endocarditis and hepatitis. *Internat. Clin.*, 1936, 46. ser., 4: 44-8, pl.—**Brouzini, M.** La gonococcemia sperimentale. *Arch. Ital. dermat.*, 1933-34, 10: 408-17.—**Bruusgaard, E., & Danbolt, N.** [Significance of secondary infection as cause of general infection in acute and chronic gonorrhea] *Norsk. mag. lægevid.*, 1933, 94: 1143-53.—**Cain, A., & Cattar, R.** Septicémie gonococcique; monoarthrite purulente; méningite; endocardite. *Bull. Soc. méd. hôp. Paris*, 1935, 3. ser., 51: 1262-71.—**Chevallier, P., Levy-Bruhl [et al.]** Purpura généralisé chronique et presque apyrétique d'origine gonococcique; hémoculture positive; évolution bénigne pendant 8 mois; mort par hémorragies. *Ibid.*, 1927, 3. ser., 51: 30-5.—**Cohn, A.** Experimental production of gonococcal septicemia in mice. *J. Bact., Balt.*, 1938, 35: 37.—**Dossot.** A propos des abcès métastatiques à diplocoques Gram positifs au cours d'une septicémie gonococcique typique. *J. urol. méd., Par.*, 1936, 41: 349.—**Gadrat, J., & Morel, L.** Gonococcie sévère avec arthropathies multiples, kératodermie du gland et troubles myocardiques révélés par l'électrocardiographie. *Bull. Soc. fr. dermat. syph.*, 1935, 42: 1849-53.—**Grenet, H., Laurent [et al.]** Vulvo-vaginite; septicémie, endocardite et méningite à gonocoques. *Arch. méd. enf.*, 1930, 32: 731-6. Also *Bull. Soc. pédiat. Paris*, 1930, 28: 237-44.—**Haase, W.** Ueber Allgemeininfektion bei Gonorrhöe mit zwei klinisch und autopsisch beobachteten Fällen. *Zbl. Bakt.*, 1. Abt., 1926, 98: 163-77.—**Keil, H.** A type of gonococcal bacteraemia with characteristic haemorrhagic vesiculopustular and bullous skin lesions. *Q. J. Med., Oxf.*, 1938, 7. ser., 25: 1-15, 2 pl.—**Lévy-Valensi, S. de Sèze & Imbona.** Septicémie gonococcique avec coxite aiguë nécrasante; guérison; ankylose de la hanche. *Bull. Soc. méd. hôp. Paris*, 1938, 3. ser., 54: 681-7.—**Nieuwenhuys, J., & Putte, P. J. van** [Case of gonorrheal anterior urethritis with gonorrheal pyoderma and gonorrheal arthritis caused by septicemia] *Ned. tsehr. geneesk.*, 1936, 80: 4631-3. Also *Ann. mal. vénér.*, 1939, 34: 594-8.—**Orlov, K. K.** [Gonococcemia and the eye] *Vest. oft.*, 1938, 12: 22-6.—**Palazzoli, Auzeloux & Schrab.** Deux cas d'abcès métastatiques à diplocoques Gram-positifs au cours d'une septicémie gonococcique typique. *Bull. Soc. fr. urol.*, 1935, 370-3.—**Pellé, A., & Tannau.**

Gonococcémie; rhumatisme polyarticulaire, phlébite, anémie perniciose, pleurésie séro-fibrineuse et suppuration pulmonaire. *Bull. Soc. méd. hôp. Paris*, 1934, 3. ser., 50: 682-6.—**Peracchia, L.** Ascessi multipli metastatici dovuti al gonococco di Neisser. *Gior. ital. dermat. sif.*, 1932, 73: 375-80.—**Putte, P. J. van** [Case of urethritis gonorrhoica with gonorrheal pyoderma and arthritis through septicemia] *Ned. tsehr. geneesk.*, 1935, 79: 2931-5.—**Schebet, L.** Abcès souscutanés multiples à gonocoques au cours de septicémie-pyohémies du post-partum et du post-abortion. *Bull. Soc. obst. gyn. Paris*, 1936, 23: 127.—**Steiner, W. R., & Walton, L. L.** Gonorrheal endocarditis with bilateral parotitis and toxic jaundice as additional complications. *Ann. Int. M.*, 1937-38, 11: 1464-71.—**Zimmermann-Meinzingen, O.** Zur Pathogenese der Gonokokken-Arthritis, -Endokarditis und -Sepsis. *Klin. Wschr.*, 1936, 15: 1518-22.

Sepsis: Treatment.

Dahlenburg, A. Zur Serumtherapie bei schwerster Gonokokkensepsis. *Arch. Derm. Syph., Berl.*, 1938-39, 178: 714-35.—**Davis, J. S., jr.** Diagnosis and treatment of gonorrheal septicemia and gonorrheal endocarditis. *Arch. Int. M.*, 1940, 66: 418-40.—**Faure-Beaulieu, M.** La septicémie gonococcique au point de vue clinique et thérapeutique. *J. méd. fr.*, 1926, 15: 99-107.—**Fournier, N.** De l'utilité de la diathermie dans le traitement du rhumatisme blennorrhagique. *Union méd. Canada*, 1926, 55: 424.—**Girard, R., & Trizher, I.** Note sur l'action des injections d'arsénobenzènes dans les septicémies gonococciques. *Progr. méd., Par.*, 1926, 41: 604.—**Hazel, O. G., & Snow, W. B.** Gonococcal septicemia with purpura and arthritis successfully treated by hyperthermia. *J. Am. M. Ass.*, 1937, 109: 1275.—**Léri, A., & Luton.** Abcès gonococcémique; traitement par injection. *Bull. Soc. méd. hôp. Paris*, 1923, 3. ser., 47: 7-9.—**Ravaut, P., & Ducourtieux.** Traitement du rhumatisme et des septicémies blennorrhagiques par les injections intraveineuses de sérum antigonococcique. *Ann. dermat. syph.*, 1927, 6. ser., 8: 266-92. Also *Presse méd.*, 1927, 35: 1.—**Rombold, C.** Treatment of acute septic gonorrheal arthritis. *J. Kansas M. Soc.*, 1937, 38: 418-20.—**Schultze, K. W.** Gonokokkensepsis durch Ulron geheilt. *Deut. med. Wschr.*, 1938, 64: 1042.—**Snow, W. B., & Hazel, O. G.** Case of gonococcal septicemia with purpura and arthritis successfully treated by hyperpyrexia. *Fever Ther.*, N. Y., 1937, 184.—**Vignal, W.** Thérapeutique électro-radiologique du pseudorhumatisme gonococcique. *J. méd. fr.*, 1926, 15: 129-32.

Sequelae.

See also other subheadings.

Boulanger, L. Avenir des blennorrhagies non soignées et des blennorrhagies mal soignées. *Vie méd.*, 1926, 7: 2211-4.—**Cherkes, M. I.** [Remote results of gonorrheal complications] *Urologia, Moskva*, 1937, 14: 62-70.—**Curth, W.** Nachkrankheiten bei männlicher Gonorrhöe. *Zschr. ärztl. Fortbild.*, 1931, 28: 617-20.—**Dachschläger, E. K., & Globus, R. E.** [Remote sequelae of gonorrhea in girls] *Sovet. vest. vener.*, 1933, 2: 197-201.—**Pierre, L. M., & Erlande, G.** Complications et sequelles de la blennorrhagie génitale féminine; la blennorrhagie, maladie sociale; la stérilité. *Ann. mal. vénér.*, 1939, 34: 104. Also *Rev. fr. gyn. obst.*, 1938, 33: 282-316 [Discussion] 682-6.—**Schaefer, W.** Welche Folgen hinterlässt die ascendente Gonorrhoe beim Weibe? *Med. Welt*, 1937, 11: 856.—**Walker, K.** The sequelae of gonorrhoea in the male. *Brit. J. Vener. Dis.*, 1936, 12: 43-8.—**Willis, V. N. B.** Gonorrhea and its sequelae in the male. *Med. J. Australia*, 1926, 1: 539-45.

Skin.

SCHMITT, A. *Zur Kasuistik gonorrhöischer Abszesse. 19p. 8°. Münch., 1930.

Aronstam, N. E. Gonococcal cutaneous affections. *Med. World*, 1938, 56: 159.—**Campos, G. de.** Sobre um caso de localisação rara do gonococcus de Neisser. *Tribuna med.*, Rio, 1931, 35: 146-9.—**Genner, V., & Schultzer, P.** Un cas d'infection cutanée primaire à gonocoques; panaris avec lymphangite gonorrhéique subséquente; infection générale et symptômes articulaires. *Ann. dermat. syph.*, 1929, 6. ser., 10: 856-63.—**Gnocchi, L.** Sopra alcune rare localizzazioni del gonococco alla cute dei genitali maschili. *Gior. ital. dermat. sif.*, 1926, 67: 374-88, pl.—**Henning, L.** Gonorrhöische Hautaffektion beim Shugling. *Derm. Wschr.*, 1931, 92: 96-8.—**Langer, E.** Hautkrankheiten bei Gonorrhöe. In *Handb. Haut. Geschl.* (A. & G. Alexander) *Berl.*, 1930, 20: Teil 2, 40-74.—**Leibfreud, D. M.** [Gonorrheal folliculitis of the skin and of the mucous membrane of the urinary canal] *Vest. vener.*, 1939, No. 8, 40-2.—**Merlin, L.** Panaritium subcutaneum gonorrhoeum. *Münch. med. Wschr.*, 1938, 85: 385.—**Montpelier, J.** Mode insolite de transmission du gonococque; gonococcie cutanée de type intertrigoïde. *Ann. mal. vénér.*, 1925, 20: 815-8.—**Peracchia, L.** Ascessi multipli metastatici dovuti al gonococco di Neisser. *Boll. spec. med. chir.*, 1932, 6: 21-30.—**Périn, L.** Complications cutanées de la blennorrhagie. In *Nouv. prat. dermat.* (Darier, Sabouraud, et al.) *Par.*, 1936, 4: 153-66.—**Pesterev, A. M.** [Case of gonorrheal abscess] *Sovet. vest. vener.*, 1934, 3: 83-4.—**Pugh, W. S.** Cutaneous complications of gonorrhea. *Clin. M. & S.*, 1935, 42: 125.—**Randall, O. S., & Orr, T. G.** Suppurative subcutaneous and subfascial gonococcus infections. *Am. J. Surg.*, 1931, n. ser., 12: 117-9.—**Redewill, F. H.** Gonorrheal skin lesions; from the standpoint of an urologist classification, new treatment, report of cases.

Am. Med., 1935, 41: 620-7. Also Urol. Cut. Rev., 1937, 41: 781-6.—Rille, J. H. Hautveränderungen bei Gonorrhoe. Münch. med. Wschr., 1936, 83: 1347-52.—Rosenthal, M. S. The gonococcus in dermatology. Bull. School M. Univ. Maryland, 1932, 17: 2-9.—Szathmáry, S. [Skin affections of the penis and scrotum caused by gonorrhea] Orv. hetil., 1927, 71: 345-8.—Weissenbach, R. J., Basch, G. [et al.] Abcès sous-cutané gonococcique de l'avant-bras, cliniquement primitif, à évolution subaiguë. Bull. Soc. fr. derm. syph., 1931, 38: 1347-51.

— Skin: Exanthema.

WENDL, G. *Hautblutungen bei Gonorrhoe [Erlangen] 20p. 8°. Neumarkt, 1926.

Banerjee, K. A case of primary gonorrhoea with urticaria in a boy aged 7 years. Calcutta M. J., 1936, 31: 199.—Bottoli, A. Esantema scarlatiniforme recidivante in blenorragico. Gior. ital. derm. sif., 1936, 77: Suppl., 68.—Decastello, A. Febris maculosa intermittens gonorrhoea durch Ulron geheilt. Med. Klin., Berl., 1938, 34: 1397-9.—Grossmann, Dermatose örtliche et papuleuse des membres supérieurs, liée probablement à l'infection blennorrhagique. Rev. prat. mal. cut., Par., 1906, 5: 232, pl.—Ichikawa, T., & Ohmori, S. Beiträge zur Erkenntnis des Gonokokkenexanthems. Jap. J. Derm. Urol., 1933, 34: 89.—Jourdane, P. Herpès et zona gonococciques. Lyon méd., 1927, 139: 655-60.—Kerl, W. Ueber gonorrhoeische Exantheme. Arch. Derm. Syph., Berl., 1930, 161: 247-54.—Levin, O. L., & Silvers, S. H. Cutaneous eruptions in gonorrhea. N. York State J. M., 1937, 37: 1712-9.—Sullivan, S. J. Cutaneous eruptions accompanying gonorrhea, with report of a case of hemorrhagic exanthemata. Urol. Cut. Rev., 1934, 38: 93-5.—Urbach, J. Malaria-ähnliches Fieber mit Exanthem bei einer Gonorrhoe-kranken. Derm. Wschr., 1934, 98: 13-8.—Wiedmann, A. Beiträge zur Pathologie der Gefässerkrankungen der Haut; die geweblichen Veränderungen beim hämorrhagischen Gonokokkenexanthem mit besonderer Berücksichtigung der Gefäßveränderungen. Ibid., 541-7.

— Skin: Keratosis, and parakeratosis.

DAÏNOW, I. *Contribution à l'étude des métastases cutanées de la blennorrhagie; dermatite gonococcique et kératose blennorrhagique [Genève] 39p. 8°. Par., 1927.

LANCHON, F. J. A. *Au sujet de la kératose gonococcique [Paris] 47p. 24cm. Rouen, 1939.

Adamson, H. G. Keratoderma blennorrhagica; is it a form of psoriasis? Brit. J. Derm., Syph., 1920, 32: 183-7, pl.—Aronstam, N. E. Dermatoses of gonorrheal origin. Med. Rec., N. Y., 1934, 140: 557.—Barrett, C. C. Keratoderma blennorrhagica; report of 2 cases. Bull. Acad. M. Cleveland, 1929, 13: 8-12. Also Arch. Derm. Syph., Chic., 1930, 21: 627-36.—Beatty, J. Symmetrical hyperkeratosis of the extremities (Keratoderma blennorrhagica). Brit. M. J., 1927, 1: 14.—Beeson, B. B., & Ebert, M. H. Keratoderma blennorrhagicum. Arch. Derm. Syph., Chic., 1935, 31: 740.—Berman, L. Ueber einen Fall von gonorrhoeischer Keratose der Haut und Mundschleimhaut. Derm. Zschr., 1927-28, 51: 420-3.—Berson, W. B., & Matuskow, S. I. Zur Frage der gonorrhoeischen Keratosen. Derm. Wschr., 1931, 92: 909-16.—Blumenthal, P., & Sherman, W. L. Penile blennorrhagic keratoderma with abortive course. Am. J. Syph., 1938, 22: 176-84.—Brown, W. H., & Davidson, A. M. Case of gonorrhoeal keratosis. Brit. M. J., 1917, 2: 453.—Brown, W. H., & Hargreaves, H. A case of gonorrhoeal keratosis. Brit. J. Derm., 1917, 29: 107-10, pl.—Bureau, G., & Bureau, Y. Kératodermie généralisée à la période terminale d'un rhumatisme blennorrhagique récidivant et mortel. Bull. Soc. fr. derm. syph., 1931, 38: 466-71.—Cederberg, A. Beitrag zur Kenntnis der Abortivformen der gonorrhoeischen Keratodermien. Acta derm. vener., Stockh., 1932, 13: 43-53.—Chambers, S., Anderson, S., & Rosenblum, M. N. Keratoderma blennorrhagicum. Arch. Derm. Syph., Chic., 1938, 37: 1065.—Chambers, S. O., & Koetter, G. F. Keratosis blennorrhagica. Ibid., 1933, 27: 411-20.—Combes, F. C., Dietrich, C., & Cohen, J. Keratosis blennorrhagica; a brief review and report on the effects of hyperpyrexia in its treatment. J. Am. M. Ass., 1940, 114: 2078-82.—Crane, T. P. Keratoderma blennorrhagica. Med. Bull. Veterans Admin., 1935-36, 12: 319.—Dawson, A., & Brown, W. H. Three cases of gonorrhoeal keratosis. J. R. Army M. Corps, 1919, 33: 71-3.—Downing, J. G. Keratoderma blennorrhagicum; report of a case. J. Am. M. Ass., 1934, 102: 829-31.—Dyke, S. C. A case of keratoderma blennorrhagica. Lancet, Lond., 1919, 2: 328.—Epstein, E. Pathogenesis of keratosis blennorrhagica. Brit. J. Derm. Syph., 1939, 51: 428-32.—Falk, C. A. Cas intéressant de kératodermie blennorrhagique observé à la clinique de dermatosyphiligraphie de l'Hôpital Saint-Germain. Stockholm. Acta derm. vener., Stockh., 1937, 18: 119-29.—Finlay, D. E. Keratoderma blennorrhagica. Brit. M. J., 1931, 1: 979.—Flynn, J. W. Keratoderma blennorrhagica. Med. J. Australia, 1927, 2: 680-2.—Gadrat, J. Kératose symétrique et polyarthrite soldisant blennorrhagique (syndrome de Vidal) hors de toute gonococcie. Ann. derm. syph., Par., 1933, 7. ser., 4: 1040-51.—García Faure, M. Queratoderma gonococcica. Prensa méd. argent., 1925-26, 12: 739-42.—Genner, V., &

Boas, H. [Case of gonorrheal hyperkeratosis] Hospitalstidende, 1930, 73: 395-403. — A case of gonorrheal hyperkeratosis without gonorrhea. Urol. Cut. Rev., 1930, 34: 365-8.—Gibson, W. C. Keratosis blennorrhagica. Med. Bull. Veterans Admin., 1934, 10: 234.—Gjessing, H. C. Keratosis blennorrhagica (gonorrhoea). Norsk mag. lægevid., 1927, 88: 97-110, 4 pl.—Goldmann, B. A. Keratoderma blennorrhagicum; report of cases. Pennsylvania M. J., 1934, 37: 299-302.—Golschmid, K. L. Gonorrhoeische Hyperkeratose. Acta derm. vener., Stockh., 1931, 12: 129-39.—Goldstein, Z. Dermatitis gonococcique. Ann. mal. vénér., 1938, 33: 537-41, 2 pl.—Gougerot & Meyer-Heine, A. Essais infructueux de reproduction expérimentale de la kératose cloutée gonococcique. Bull. Soc. fr. derm. syph., 1935, 42: 444.—Haase, M. Keratosis blennorrhagica; with report of a case. J. Cut. Dis. incl. Syph., Chic., 1916, 34: 817-25.—Isaac, C. L. A case of keratoderma blennorrhagica in a woman. Brit. J. Derm., Syph., 1920, 32: 195.—Kuske, H. Ueber die Hauterscheinungen bei Morbus Reiter (ein Beitrag zur Differentialdiagnose der sogenannten gonorrhoeischen Keratosen). Arch. Derm. Syph., Berl., 1939, 179: 58-73.—Lees, D. Keratoderma blennorrhagicum. Edinburgh M. J., 1922, 28: 99-104, pl.—Percival, G. H. Keratoderma blennorrhagicum; its histology, clinical characteristics, and treatment, with report of 8 cases. Lancet, Lond., 1931, 2: 1116-24.—Le Roch & Belot. Un cas de kératodermie plantaire blennorrhagique. Bull. Soc. méd. mil. fr., 1934, 28: 297-301.—Levy-Frankel, A. Kératodermie blennorrhagique. Ann. mal. vénér., 1918, 13: 385-8, 2 pl.—Kératose blennorrhagique et psoriasis. Prat. méd. fr., 1931, 12: 250-7.—Lidström, F. A contribution to the question of the pathogenesis of gonorrheal keratoderma. Acta derm. vener., Stockh., 1929, 10: 457-61.—Lindeman, G. Keratoderma blennorrhagica. Med. J. Australia, 1922, 1: 126.—Little, E. G. G. Keratoderma blennorrhagica. Practitioner, Lond., 1916, 97: 531-53, pl. Also Proc. R. Soc. M., Lond., 1920-21, 14: Sect. Derm., 90.—& Hayne, P. A. Case of keratoderma blennorrhagica. Ibid., 1915-16, 9: Derm. Sect., 159-64.—Lojander, W. Ueber Keratodermien im Anschluss an Gelenkaffektionen gonorrhoeischen und nichtgonorrhoeischen Ursprungs. Acta derm. vener., Stockh., 1927, 8: 227-54, 11 pl.—Ein Fall von Keratoderma arthritis ohne nachweisbare gonorrhoeische Infektion. Ibid., 1928, 9: 142-8.—Eine bei demselben Individuum zum zweitenmal im Anschluss an eine gonorrhoeische Gelenkaffektion auftretende Keratodermie. Ibid., 1930, 11: 527-32.—Lundie, C. Two cases of keratoderma blennorrhagica. Brit. J. Surg., 1918, 5: 389-92.—MacCormac, H. Keratoderma blennorrhagica. Proc. R. Soc. M., Lond., 1935-36, 29: 287.—& Millis, E. R. Keratoderma blennorrhagicum. Urol. Cut. Rev., 1927, 31: 418-20.—Miskjian, H. G. Keratosis blennorrhagica (questionable). Arch. Derm. Syph., Chic., 1937, 36: 1103.—Murdoch, J. G. A case of keratoderma blennorrhagicum. Brit. J. Ven. Dis., 1936, 12: 242-5.—Neiders, K. Ein Fall von Keratosis gonorrhoeica. Derm. Wschr., 1934, 98: 751-4.—Nénon, J. Un cas de kératose blennorrhagique; quelques considérations cliniques, pathogéniques et diagnostiques. Bull. Soc. fr. derm. syph., 1933, 40: 470-6.—Nénon, J. H. E. La kératose blennorrhagique. Arch. méd. pharm. mil., 1934, 101: 23-35.—Ohashi, K. Beitrag zur Keratosis gonorrhoeica. Jap. J. Derm. Urol., 1933, 33: 34-6.—Olivet, L. Hyperkeratose und Thrombophlebitis bei Gonorrhoe. Med. Klin., Berl., 1926, 22: 916-8.—Riley, A. Keratoderma blennorrhagicum (Gonorrheal dermatitis). N. England J. M., 1935, 212: 417.—Ronchese, F. Keratoderma blennorrhagicum. Urol. Cut. Rev., 1930, 34: 591-3.—Rostenberg, A., & Silver, H. Keratoderma blennorrhagicum; critical review with a report of a case. Arch. Derm. Syph., Chic., 1927, 16: 741-53.—Scholtz, M. A syndrome of blennorrhagic keratoderma; report of a case. Ibid., 15: 165-70.—A syndrome of gonorrheal keratoderma; report of a case. Ibid., 1930, 21: 961-9.—Scomazzoni, T. Cheratoderma blennorrhagica. Gior. ital. derm. sif., 1931, 73: suppl., 36-8.—Simpson, F. E., & Beeson, B. B. Keratoderma blennorrhagica; with report of 2 cases. J. Am. M. Ass., 1917, 68: 1169-73.—Smith-Sivertsen, C. [Case of gonorrheal keratoderma] Med. rev. Bergen, 1930, 47: 545-8.—Strominger, L. Quelques considérations sur la kératose blennorrhagique avec un cas personnel. J. urol. méd., Par., 1931, 31: 251-7.—Stryker, G. V., & Ham, A. W. Keratoderma blennorrhagicum. Arch. Derm. Syph., Chic., 1932, 26: 684-93. Also repr.—Szathmáry, S. [Cases of gonorrheal keratosis] Orv. hetil., 1928, 72: 905-9.—Taylor, N. S. Keratoderma blennorrhagicum; a review of the condition, its clinical features and its treatment, with a report of 3 cases and a new method of treating the skin lesions. Brit. J. Derm. Syph., 1939, 51: 418-27.—Tobias, N. Keratoderma blennorrhagicum; report of a case. Urol. Cut. Rev., 1934, 38: 99-103.—Trémolières, F. La kératose blennorrhagique. Ann. derm. syph., Par., 1918-19, 5. ser., 7: 145-51.—Voshein, E. B. [Case of gonorrheal hyperkeratosis] Hospitalstidende, 1937, 80: [Jydske med. selsk. forh.] 15-9.—Wayson, J. T. Keratoderma blennorrhagicum. Arch. Derm. Syph., Chic., 1931, 24: 291-3.—Weissenbach, R. J., Fernel, P. [et al.] Polyarthrite progressive blennorrhagique avec kératodermie généralisée; reproduction expérimentale de la kératodermie. Bull. Soc. fr. derm. syph., 1934, 41: 1953-63.—Widén, A. Fall von gonorrhoeischer Parakeratose. Acta derm. vener., Stockh., 1937, 18: 331.—Willmott, C. B. Keratoderma blennorrhagica (Vidal) report of a case. Arch. Derm. Syph., Chic., 1926, n. ser., 13: 17-24. Also repr.—So-called keratoderma blennorrhagica; case report.

Kentucky M. J., 1926, 29: 90.—Woodward, H. M. M. A case of gonorrheal keratoderma. *Lancet*, Lond., 1918, 1: 291.

Social aspect.

See also subheading Public health aspect.

Barbellion, P. La thérapeutique antibleunorrhagie au point de vue social. *Prophyl. antivénér.*, Par., 1932, 4: 48-55.—**Beck, W.** Die weibliche Gonorrhoe in der Nachkriegszeit. *Deut. med. Wschr.*, 1930, 56: 784.—**Byrd, B. F.** Gonorrhea in its relation to life insurance. *Med. Insur.*, 1927, 43: 105-9.—**Fessler, A.** Ein Beitrag zur Soziologie der Gonorrhoe in Wien; Infektionsquellenforschung, Bedeutung der Prostitution, Hospitalisierung der Frauengonorrhoe, Prophylaxe. *Wien. klin. Wschr.*, 1933, 46: 903-8.—**Hogge, A.** Le traitement de la blennorrhagie au point de vue médico-social. *Prophyl. antivénér.*, Par., 1932, 4: 146-90.—**Importance (The)** of gonorrhoea. *Lancet*, Lond., 1936, 1: 613.—**Mihailescu, A.** [Gonorrhea as a social disease] *România med.*, 1937, 15: 46.—**Pisacane, C.** La blenorragia nei suoi rapporti individuali, familiari e sociali. *Studiun. Nap.*, 1927, 17: 216-8.—**Pugh, W. S.** No worse than a bad cold. *Internat. J. Surg.*, 1928, 41: 391-8.—**Sánchez, H.** Prejuicios sociales sobre la blenorragia: enfermedad benigna y vergonzosa. *Gac. méd. Caracas*, 1928, 35: 33-43.—**Topchan, A. B.** [Social factors contributing to the spread of gonorrhea among children and adults] *Mosk. med. J.*, 1927, 7: No. 5, 37-44.—**Wackmann, J.** La blenorragia come malattia sociale. *Difesa sociale*, 1933, 12: 34-7.

Spermatic cord.

Gourevich, G. [Surgical treatment of gonorrheal inflammation of the spermatic cord (funiculitis gonorrhoea)] *Vrach. delo*, 1928, 11: 146. Also *Zbl. Chir.*, 1927, 54: 1225-9.—**Marselos, V.** Cinq cas de déferentite gonococcique algues traités par la diathermie avec notre électrode périoforesotale. *J. urol. méd.*, Par., 1925, 20: 488-91.—**Strachstein, A.** A case of acute gonorrhea with bilateral spermatic cord abscess 9 months after prostatectomy. *Med. Rec.*, N. Y., 1940, 151: 317.

Surgical aspect.

Boeminghaus, H. Chirurgie und Gonorrhoe. In *Handb. Haut. Geschlechtskr.* (A. & G. Alexander) Berl., 1930, 20: Teil 2, 128-77.—**Caulk, J. R.** Surgical aspects of gonorrheal infections. *South. M. J.*, 1931, 24: 698-703.—**Corbus, B. C., jr.** Pathology and surgical treatment of the complications of Neisserian infection in the male, and their surgical treatment. *Surg. Clin. N. America*, 1939, 19: 191-202.—**Jeck, H. S.** The surgical complications of gonorrhea in the male. *Am. J. Surg.*, 1928, n. ser., 4: 291-4.—**Schmutte, H.** Die chirurgische Indikation bei der Gonorrhoe. *Zbl. Haut. Geschlkr.*, 1930, 33: 657-69.—**Stevens, A. R.** Indications for surgery in gonorrhea in men. *Internat. J. Surg.*, 1925, 38: 488-90.—**Wolbarst, A. L.** Surgical aspects of gonorrhea in the male. *Urol. Cut. Rev.*, 1938, 42: 345-8. Also repr.

Treatment.

DOUBOSSARSKY, J. *Contribution à l'étude du traitement de la blennorrhagie. 46p. 8°. Par., 1932.

LUYS, G. Traité de la blennorrhagie et de ses complications. 4. éd. 684p. 8°. Par., 1932.

MORVAN, M. *Contribution à l'étude du traitement de la blennorrhagie aiguë. 70p. 8°. Par., 1935.

ROBINSON, W. J. The treatment of gonorrhea and its complications in men and women, for the general practitioner. 4. ed. 331p. 8°. N. Y., 1933.

SCHRENK, F. A. *Ueberlegungen zum Gonorrhoeoproblem mit experimentellen Untersuchungen unter besonderer Berücksichtigung der therapeutischen Möglichkeiten [Breslau] 75p. 8°. Hirschberg, 1933.

Almkvist, J. [Principles of treatment of gonorrhea] *Sven. läk. tidn.*, 1928, 25: 937-48.—**Balog, L.** Grundsätze der Gonorrhoebehandlung. *Zschr. Urol.*, 1927, 21: 286-94.—**Barbellion, P.** Essais thérapeutiques dans la blennorrhagie aiguë. *J. urol. méd.*, Par., 1930, 30: 167-79.—**Beilin, L. M.** Some basic observations on the treatment of gonorrhea. *Illinois M. J.*, 1937, 71: 85-7.—**Bermann, K.** [Treatment of gonorrhea and diseases of the urinary tract] *Cas. lék. česk.*, 1936, 75: 788.—**Black, N.** The treatment of gonorrhoea. *Univ. Toronto M. J.*, 1938-39, 16: 172-9.—**Black, T. N.** Some observations on the treatment of gonorrhea. *J. Arkansas M. Soc.*, 1929-30, 26: 113-9.—**Blocker, L. de M.** Treatment of gonorrheal infections. *J. Med.*, Cincinnati, 1929-30, 10: 223.—**Bruck, C.** Allgemeinbehandlung bei Gonorrhoe. In *Handb. Haut. Geschlkr.* (Arzt & Zieler) Berl., 1934, 20: pt 2, 201-31.—**Caspar, H.** Gonorrhoea. *Med. Klin.*, Berl., 1930, 26: 1707-9.—**Behandlung der Gonorrhoe. *Ibid.*, 1931, 27: 429.—**Casper, W.****

A. Gonorrhea. *Med. Bull.*, N. Y., 1938-39, 4: 100-2.—**Castañó, E.** El tratamiento de la blenorragia aguda. *Sem. méd.*, B. Air., 1935, 42: pt 2, 1292.—**Chalet.** La blennorrhagie et son traitement chez l'homme et chez la femme. *Médecine*, Par., 1931, 12: Suppl., 1-88.—**Champion, W. L., & Fowler, M. F.** The treatment of gonorrhea. *Urol. Cut. Rev.*, 1934, 38: 254-6.—**Clarkson, E. R. T.** The problem of gonorrhea in general practice. *Practitioner*, Lond., 1931, 126: 220-39.—**Cock, R.** Treatment of gonorrhoea. *Brit. M. J.*, 1927, 2: 267.—**Cooney, C. J.** The management of acute gonorrhea. *J. Indiana M. Ass.*, 1937, 30: 131-4.—**David, C.** Traitement de la blennorrhagie. *Hôpital*, 1931, 19: 816-8.—**Deakin, R., Worthman, M. S., & Lawrence, J. V.** Medical and social research in the treatment and control of gonorrhea. *Vener. Dis. Inform.*, 1940, 21: 255-64.—**Dmitriev, A. I.** [Treatment of gonorrhea in villages] *Sovet. vrach.*, J., 1936, 1: 502-4.—**Dodd, H.** The treatment of gonorrhea and its complications. *Practitioner*, Lond., 1937, 138: 624-33.—**Farman, F.** The treatment of gonorrhea. *Urol. Cut. Rev.*, 1936, 40: 491-4.—**Fessler, A.** The problem of gonorrhea and its therapy. *Ibid.*, 1938, 42: 898-903.—**Forssman, J.** [Treatment of gonorrhea in men and children] *Lunds läk. säll. förh.*, 1936-37, 44-51.—**Franck, G.** Un point de vue important à considérer dans la nouvelle thérapeutique antigonococcique. *Schweiz. med. Wschr.*, 1938, 68: 1316.—**Freiberg, H. B.** The treatment of gonorrhea. *J. Med.*, Cinin., 1931, 12: 350-5.—**Frontstein, R. M., Liakhovitzky, N. S.** [et al.] [Treatment of acute gonorrhea in villages] *Sovet. vest. vner.*, 1933, 2: 351-7.—**Gorash, V. A.** [Treatment of gonorrhea] *Vest. khir.*, 1926, 5: pt 15, 123-30.—**Gulbinas, A.** [Gonorrheal affections and their treatment] *Medicina*, Kaunas, 1937, 18: 27-45.—**Gumpert, M.** Die Behandlung der Gonorrhoe. *Klin. Wschr.*, 1928, 7: 946-50.—**Habermann, R., & Hopf, G.** Die Therapie der Gonorrhoe. *Erg. ges. Med.*, 1930, 14: 509-28.—**Hansen, H.** Om Gonorrhoebehandling. *Ugeskr. læger*, 1929, 91: 147.—**Harkness, A. H.** Treatment of gleet. *Postgrad. M. J.*, Lond., 1932, 8: 180-2.—**Harrison, L. W.** Gonorrhoea. *Brit. J. Vener. Dis.*, 1927, 3: 24-32 [Discussion] 53-9.—**—** Treatment of gonorrhea. *Am. J. Surg.*, 1929, n. ser., 7: 369.—**Hawe, A. J.** The problems in the treatment of acute gonorrhea with reference to the prevention of complications in (1) male (2) female. *Ind. M. Rec.*, 1933, 53: 289-94. Also *Brit. J. Vener. Dis.*, 1934, 10: 51-61.—**Henry, J. W.** Treatment of acute gonorrhea by the general practitioner. *J. Oklahoma M. Ass.*, 1935, 28: 300-3.—**Herold, R. D.** The treatment of gonorrhea; based on laboratory observations during the course of the disease. *J. Am. M. Ass.*, 1934, 103: 1821-5.—**—** Management of gonorrhea. *Indust. M.*, 1938, 7: 5-8.—**Hewins, W. W.** The treatment and management of gonorrhea. *J. Indiana M. Ass.*, 1939, 32: 69-71.—**Holzbach.** Prinzipielles zur Frage der Gonorrhoebehandlung. *Arch. Gyn.*, Berl., 1925, 125: 438-41 [Discussion] 444-66.—**Howard, H. W.** The treatment of gonorrhea. *Tr. West. Soc. Am. Urol. Ass.*, 1936, 5: 292-4.—**Hühner, M.** The treatment of gonorrhea. *Med. J. & Rec.*, 1933, 137: 279-83. Also repr.—**Isabell.** Traitement de la blennorrhagie. *J. méd.* Toulouse, 1863, 4. ser., 2: 241.—**Jadassohn, J.** Ueber Gonorrhoebehandlung. *Ther. Gegenwart*, 1926, 67: 22-6.—**Krishnaswamy, C.** Some stray thoughts on the treatment of gonorrhea. *Ind. J. Vener. Dis.*, 1937, 3: 96-104.—**Leibfreid, D. M.** [Treatment of gonorrhea] *Vrach. delo*, 1925, 8: 822-5.—**McMartin, W. J.** Treatment of acute and subacute gonorrhea. *Nebraska M. J.*, 1938, 23: 289-92.—**Management (The)** of gonorrhea. *Ind. J. Vener. Dis.*, 1935, 1: 231; passim.—**Matta, C. M.** Diagnóstico biológico y tratamiento de la blenorragia aguda. *Rev. san. mil.*, B. Air., 1933, 32: 145-65.—**Mező, B.** [Pathology and treatment of gonorrhea] *Budapesti orv. ujs.*, 1937, 35: 1049; 1939, 37: 509.—**Minder, G.** [Development of the diagnosis and of the treatment of gonorrhea] *Orv. hetil.*, 1932, 76: 65-8.—**Montuoro, F.** Sugli interventi di necessità nelle gonorrhoe. *Riv. ostet. gin.*, 1926, 8: 266-8.—**Müller, F.** [Present status of treatment of gonorrhea] *Orvostud. közl.*, 1946, 1: 147-50.—**Nelson.** Minimum standards for the diagnosis, treatment and control of gonorrhea in the male and female. *N. England J. M.*, 1931, 204: 424-30.—**Orsós, I. J.** Neuere Angaben zur Pathologie und Therapie der Gonorrhoe. *Münch. med. Wschr.*, 1939, 86: 487-90.—**Pelouze, P. S.** Gonorrhea as a disease and as a therapeutic problem. *Internat. Clin.*, 1940, n. ser., 3: 1, 89-101.—**Perutz, A.** Spezielle Fragen in der Gonorrhoeotherapie. *Wien. med. Wschr.*, 1928, 78: 665-9.—**Pomeroy, E. S.** Management of the gonorrheal patient. *Med. Rev. of Rev.*, 1936, 42: 398.—**Ragsdale, J.** Treatment of gonorrhea. *Memphis M. J.*, 1926, 3: 13-5.—**Rathbun, N. P.** The modern treatment of gonorrhea. *Long Island M. J.*, 1926, 20: 391-6.—**Reiss, H.** [Treatment of gonorrhea] *Polska gaz. lek.*, 1931, 10: 942.—**Rocha, A. F. da.** Blennorrhagia e curandairismo. *Fol. med.*, Rio, 1926, 7: 139.—**Rooks, J. E.** Some phases in the pathology and treatment of gonorrhea. *Tristate M. J.*, 1929-30, 2: 305-7.—**Roper, R. S.** Treatment of acute gonorrhea. *Med. Press & Circ.*, Lond., 1933, 136: 578-82.—**Ruben, D. H.** Treatment of gonorrhea. *Pennsylvania M. J.*, 1932, 35: 685-8.—**Rubi, R. A.** Tratamiento de la blenorragia aguda. *Dia méd.*, B. Air., 1939, 11: 741-4.—**Siebert, C.** Von der Tiefenwirkung in der Gonorrhoeotherapie. *Klin. Wschr.*, 1927, 6: 217-20.—**Simpson, A. M.** Gonorrhoea. In *Postgrad. Surg.* (Maingot, R.) N. Y., 1937, 3: 5227-98.—**Steinmetz, F. C.** Treatment of gonorrhea. *Med. Rec.*, N. Y., 1938, 147: 547-50.—**Stoian, E.** [Treatment of gonorrhea in actual practice] *Rev. san. mil.*, Bucur., 1933, 32: 545-8.—**Strandberg, J.** [Treatment of gonorrhea] *Sven. läk. tidn.*, 1937, 34: 1209-17.—**Talat Vasi Oz** [Gonococcal infection and

therapy] Türk hıfzısıhha teer. biyol. mecmuasi, 1938-39, 1: 132-74.—**Traitement de la blennorrhagie.** J. méd. Toulouse, 1865, 4. ser., 4: 216.—**Uhlmann, L., & Hartmann, E.** Prinzipien zur Frage der Gonorrhötherapie. Arch. Derm. Syph., Berl., 1926, 151: 471-6.—**Utau.** Si on le veut, la blennorrhagie a vécu. Rev. gén. clin. thér., 1936, 50: 682-5.—**Valerio, A.** O que ha de real e de fictício no tratamento da blennorrhagia. Pol. med., Rio, 1934, 15: 7-9.

— Treatment, abortive.

RASSEKH ALI, ASGHAR. *Traitement abortif de la blennorrhagie par injection d'une solution de sulfate de zinc et de resorcine. 20p. 22½cm. Genève, 1937.

WEIS, C. *Erfahrungen über Abortivbehandlung bei Gonorrhoe. 50p. 8°. Bonn, 1934.

Abimelek, R. Le traitement abortif de la blennorrhagie. Ann. mal. vénér., 1933, 28: 740-4.—**Ackermann, A.** Zur Frage der Abortivbehandlung des männlichen Trippers. Derm. Wschr., 1934, 98: 722-7.—**Ayala, H.** Tratamiento abortivo combinado de la blennorrhagia. Prensa méd. argent., 1934-35, 21: 1117.—**Barbellion, P.** Un nouveau traitement de la blennorrhagie; traitement super-abortif. Ann. mal. vénér., 1938, 33: 392-9.—**Traitement superabortif; résultats.** J. urol. méd., Par., 1938, 46: 366-9.—**Campos, R.** A propósito del tratamiento abortivo de las uretritis anteriores gonocócicas. Med. Ibera, 1933, 27: pt 2, 411-3.—**Carle.** A propos du traitement des blennorrhagies aiguës. Gaz. méd. France, 1931, 147.—**Catzefis.** Du traitement abortif de la blennorrhagie antérieure aiguë. Ann. mal. vénér., 1928, 23: 597-605.—**Cohn, J.** Zur Abortivbehandlung der männlichen Gonorrhoe. Med. Klin., Berl., 1927, 23: 1576.—**Coutts, W. E.** Contribution au traitement abortif de la gonorrhée. J. urol. méd., Par., 1933, 36: 358.—**Engelbreth, C.** Cinq cent cas de traitement abortif de la blennorrhagie chez l'homme suivant la méthode d'Engelbreth. Ibid., 1929, 22: 492-503.—**Ferrier, L.** Traitement abortif de la blennorrhagie chez l'homme. Gaz. méd. France, 1930, 329-31.—**Glingar, A.** Wann und wie kann eine Abortivkur bei männlicher Gonorrhoe durchgeführt werden? Wien. klin. Wschr., 1926, 39: 1266.—**Grubin, I. D.** [Abortive treatment of gonorrhea by Ballenger's and Elder's methods] Voen. san. delo, 1936, No. 12, 48-50.—**Hirsch, H.** Aussichten der Abortivbehandlung des männlichen Trippers im heutigen Urteil. Derm. Wschr., 1933, 96: 347.—**Ichok, G.** Le traitement abortif de la blennorrhagie aiguë par les injections intraveineuses de glucose. Presse méd., 1926, 34: 181. Also Rev. med. cir. Brasil, 1926, 34: 473-8.—**Janet, J.** Traitement abortif de la blennorrhagie. Paris méd., 1934, 91: 205-7. Also J. urol. méd., Par., 1936, 42: 262-8. Also Ann. mal. vénér., 1939, 34: 95-9.—**Kukshin, L. R.** [Abortive treatment of gonorrhea] Vener. dern., Moskva, 1931, 8: 51-4.—**Lippmann.** Ueber die Abortivbehandlung der männlichen Urethralgonorrhoe. Med. Klin., Berl., 1927, 23: 1186.—**Lutz, W.** Zur Abortivbehandlung der Gonorrhoe. Schweiz. med. Wschr., 1927, 57: 35.—**Manning, W. J.** Treatment in aborted cases of acute gonorrhea. Mil. Surgeon, 1931, 59: 309-11. Also repr.—**Marcel, J. E.** A propos du traitement abortif de la blennorrhagie. Ann. mal. vénér., 1929, 24: 32-41.—**Meschede, H.** Beiträge zur Abortivbehandlung der akuten Gonorrhoe. Wien. med. Wschr., 1933, 83: 1302.—**Moran.** Considerations sur le traitement abortif de la blennorrhagie par le procédé d'Engelbreth. J. urol. méd., Par., 1929, 27: 504-8.—**Sáez y Lizana, P.** Tratamiento abortivo de la blennorrhagia. Med. Ibera, 1926, 20: pt 2, 588.—**Sard, J. de.** A propos de l'article de M. J. Tissot et P. Thévenard sur le traitement abortif de la blennorrhagie par l'argyrol. J. urol. méd., Par., 1928, 25: 110-6.—**Scheffelaar Klotz, T.** [Abortive treatment of gonorrheal urethritis] Geneesk. gids, 1925, 3: 633-40.—**Siebert, C.** Ueber Abortivkuren bei Gonorrhoe nebst Bemerkungen über die Reizwirkungen der Silberverbindungen. Med. Klin., Berl., 1934, 30: 303-5.—**Tissot, J., & Thévenard, P.** De quelques considérations relatives au traitement abortif de la blennorrhagie par l'argyrol. J. urol. méd., Par., 1927, 24: 392-400.—**Veress, E. von, & Nolten, H.** Aussichten der Abortivheilung des männlichen Trippers im heutigen Urteil. Derm. Wschr., 1933, 96: 239-42.—**Villela Aparicio, C.** El tratamiento abortivo de la blennorrhagia en el Dispensario numero 5. Salubridad, Méx., 1930, 1: 1048-53.

— Treatment: Acridine dyes.

BERGMANN [F. R.] K. *Behandlungsergebnisse bei Gonorrhoe mit gefärbtem und farblosem Flavadin. 12p. 21cm. [Bresl., 1934]

Also Arch. Derm. Syph., Berl., 1935-36, 173: 502-9.

DRUDIN, R. J. *Etude sur le traitement de la blennorrhagie par injections intra-veineuses de gonacrine. 58p. 8°. Par., 1926.

FEDER [J. A.] W. *Erfahrungen mit der Flavadin-Behandlung bei der weiblichen Gonorrhoe. 26p. 8°. Bresl., 1936.

FUHR, W. *Die intravenöse Behandlung Gonorrhoeerkrankter mit Akridingelb [Giessen] 13p. 8°. Fraulautern-Saar [1930]

LURIÉ, S. *Etude d'un nouveau dérivé de l'acridine employé par voie veineuse et localement dans le traitement de la blennorrhagie. 55p. 8°. Par., 1934.

SÁNCHEZ CARVAJAL, M. A. *La acridinoterapia intravenosa en la blennorrhagia masculina. 64p. 8°. Caracas, 1928.

SCHREIER, M. O. *Zur Behandlung der weiblichen Gonorrhoe mit Flavadin. 17p. 8°. Erlangen, 1933.

SEWERT, C. W. *Ueber die Flavadintherapie bei Prostituierten. 27p. 8°. Köln, 1936.

SOUTTER, C. *Le traitement de la blennorrhagie masculine par les injections intraveineuses de gonacrine et remarques sur l'évolution naturelle de cette maladie. 32p. 8°. Lausanne, 1928.

Also Rev. méd. Suisse rom., 1928, 48: 486-513.

Adelmann, P. La gonacrine dans le traitement de la blennorrhagie. J. urol. méd., Par., 1927, 23: 510-8.—**Balistri, G. N.** Considerazioni sull'uso della gonacrina nelle affezioni blennorrhagiche e documentazioni cliniche. Biol. méd., Milano, 1930, 20: 171-9.—**Biró, S.** [Local treatment of gonorrhea and gonorrheal urethritis with trypaflavin] Gyógyászat, 1935, 75: 689.—**Borba, B. A.** Blennorrhagia e acridinoterapia. Brasil med., 1930, 44: 548.—**Brunet, W. M., & Kohan, J.** The treatment of gonorrheal infection in the male with acriflavine and gelatine; a review of 97 cases. Ind. J. Vener. Dis., 1936, 2: 165-8.—**Burmeister, E. A.** Weitere Ergebnisse der Gonoflavinbehandlung bei Gonorrhoe. Klin. Wschr., 1928, 7: 2051.—**Buschke, A.** Ueber die Behandlung der Gonorrhoe mit Gonoflavin. Münch. med. Wschr., 1928, 75: 906.—**Loewenstein, L.** Intravenöse Gonoflavin-Therapie bei Gonorrhoe. Deut. med. Wschr., 1928, 54: 53.—**Cascio Rocca, G.** Acridinoterapia della infezione gonococcica. Cult. med. mod., Palermo, 1928, 7: 141-9.—**Cesarano, U.** L'azione del giallo di acridina nella cura della gonorrhea maschile. Arch. ital. sc. med. col., 1928, 9: 96-104.—**Florio, C.** L'acridinoterapia ambulatoria della gonorrhea. Ibid., 1930, 11: 222-35.—**Christian, E., & Vintici.** [Rivanol in the treatment of gonorrhea] România med., 1935, 13: 169.—**Cristofovici, S.** [Intravenous and local treatment of gonorrhea with trypaflavin] Spitalul, 1931, 51: 261-6.—**David, C.** Les échecs de l'acridinoterapie dans le traitement de la blennorrhagie. Bull. Soc. méd. Paris, 1930, 26-31.—**De Benedetti, L.** Sulla cura delle infezioni, specialmente gonococciche, dell'apparato genitourinario e delle loro complicazioni con i sali di acridina (considerazioni generali e osservazioni cliniche) Dermosiflografo, 1929, 4: 167-78.—**Edel, K.** [Intravenous treatment of gonorrhea with trypaflavin] Ned. tsschr. geneesk., 1932, 76: pt 3, 3378-84. Also Acta derm. vener., Stockh., 1933, 14: 120-6.—**Engelhardt, W.** Die intravenöse Behandlung Gonorrhoeerkrankter mit Akridingelbpräparaten. Derm. Wschr., 1929, 88: 479; 503.—**Dahlem, O.** Die Chemotherapie der Gonorrhoe mit Acridinfarbstoffen. Ibid., 1930, 90: 75-83. Also repr.—**Freund.** Trypaflavinwirkung bei der Behandlung der männlichen Gonorrhoe. Ibid., 1927, 85: 1532.—**Frieboes, W.** Ueber die Behandlung der Gonorrhoe mit Gonoflavin. Münch. med. Wschr., 1928, 75: 1132.—**García Santiago, A., García Palacios, A., & Temprano, J.** Influencia de la quimioterapia por el amarillo de acridina en la evolución de la blennorrhagia. Actas Congr. nac. san., Madr. (1934) 1935, 1. congr., 4: 93-6.—**Gáspár, F.** [Modification of trypaflavin treatment of acute gonorrhea] Gyógyászat, 1934, 74: 750-2. Also Zschr. Urol., 1935, 29: 113-7.—**Gaviati, A.** Il cloridrato di diaminometilacridina (gonacrina) nella terapia della blennorrhagia. Gior. ital. derm. sif., 1928, 69: 564-8. Also Biol. méd., Milano, 1929, 19: 43-8.—**Perantoni-Satta.** Il cloridrato di diaminometilacridina (gonocrina) nella terapia della blennorrhagia. Dermosiflografo, 1928, 3: 358.—**Gavik, F.** [Trypaflavin in treatment of gonorrhea] Gyógyászat, 1932, 72: 476.—**Ginella, A.** L'acridinoterapia nella blennorrhagia maschile. Gior. ital. derm. sif., 1931, 73: suppl. 25-8.—**L'acridinoterapia nella infezione gonococcica maschile.** Dermosiflografo, 1933, 8: 18-35.—**Gregorio García-Serrano, E. de.** Contribución al estudio de la quimioterapia de la blennorrhagia por los derivados del amarillo de acridina. Clin. lab., Zaragoza, 1930, 16: 5-41.—**Grimaldi, F. E., & de Surra Canard, R.** Un año de experiencia en acridinoterapia. Sem. méd., B. Air., 1927, 34: pt 2, 906-8.—**Hughes, E., & Birch, C. A.** Parenteral acriflavine in the treatment of gonorrhoea. Lancet, Lond., 1933, 2: 633.—**Immel, F.** Zur Behandlung chronischer Gonorrhoe mit Flavadin. Med. Welt, 1937, 11: 1611.—**Iswariah, V., & Nair, V. G.** Intravenous acriflavine in the treatment of gonorrhoea. Ind. J. Vener. Dis., 1937, 3: 1-10.—**Jacobs, H.** Zur Gonorrhoebehandlung mit Flavadin. Klin. Wschr., 1937, 16: 344-6.—**Jausion, H., Vaucl, M., & Diot, E.** L'acridinoterapie des affections gonococciques: son intérêt; son avenir. Presse méd., 1926, 34: 804-6.—**Jelinek, K.** [Clinical experiences in treatment of gonorrhea with Rivanol] Cesk. derm., 1938, 18: 95-102.—**Kadisch, E., & Schloekermann, F.** Zur Lokalthherapie der Gonorrhoe, speziell mit dem Akridingelb Rivanol. Med. Klin., Berl., 1930, 26: 1007-10.—**Karrenberg, C. L.** Zur intravenösen Gonoflavin-Therapie bei Gonorrhoe (zugleich Bemerkungen über die intravenöse Acridin-

therapie der Gonorrhoe) Ibid., 1928, 24: 1195.—Kiene, E., & Obermayer, M. Ueber Farbstoffbehandlung der Gonorrhoe. Derm. Wschr., 1927, 85: 1197-202.—Kistiakovsky, E. V. [Treatment of gonorrhea in men by intravenous injections of trypaflavine] Vrach. delo, 1929, 12: 1030-2.—Kittner, H. Zur Behandlung der weiblichen Gonorrhoe unter besonderer Berücksichtigung der Flavadintherapie. Mschr. Geburtsh. Gyn., 1933-34, 96: 111-7.—Konrad, J. Trypaflavin in the treatment of gonorrhea. Urol. Cut. Rev., 1928, 32: 318.—& Bleier, A. Die Behandlung der weiblichen Gonorrhoe mit Flavadin. Wien. med. Wschr., 1935, 85: 859.—Kromayer, E. Intravenöse Trypaflavintherapie bei Gonorrhoe. Deut. med. Wschr., 1928, 54: 1467.—Kumer, L. Neuere Gonorrhoe-therapie. Wien. klin. Wschr., 1937, 50: 739-41.—Langer, E., & Dressler, L. Die Ergebnisse der Acridinbehandlung der Gonorrhoe und ihre Nebenwirkungen. Med. Klin., Berl., 1928, 24: 1271.—Levy, F., Coelho Campos [et al.] Flavina intravenosa na blenorragia. Med. contemp., Lisb., 1932, 50: 20.—Loewenstein, L., & Spanier, F. Intravenöse Anwendung von Akridinfarbstoffen bei Gonorrhoe. Med. Welt, 1928, 2: 988-90.—Loos, H. O. Zur Behandlung der weiblichen Gonorrhoe mit Flavadin. Derm. Zschr., 1935-36, 7: 149-56.—Marcozzi, A. Acridinoterapia della infezione gonococcica. Arch. ital. dermat., 1926, 2: 153-71.—Marras, A. Acridinoterapia e infezione blenorragica: esperienze clinico-terapeutiche con la tripaflavina, la gonacrina e l'ortoflavina. Pensiero med., 1929, 18: 123; 179.—Matta, C. M., & Cataldi, L. La tripaflavina en los procesos gonococcicos. Sem. méd., B. Air., 1927, 34: pt 2, 153-7.—Méndez Álvarez, M. Sobre un centenar de casos de blenorragia tratados por tripaflavina. Arch. med., Madr., 1928, 29: 673-8. Also Urol. clín. Hosp. provinc. Madrid, 1931, 2: 25-38.—Michelangelo, A. Il giallo di acridina (tripaflavina) nella blenorragia. Med. nuovo, 1930, 21: 11-5.—Minder, J., & Lenhof, A. La chimiothérapie de la gonococcie par la gonacrine. J. urol. méd., Par., 1933, 35: 487-96.—Mucci, A. La tripaflavina nella cura della blenorragia. Gior. ital. dermat. sif., 1928, 69: 106-12.—Murray, D. H. Acridiflavine; its use by intravenous injection, in the treatment of gonorrhoea. J. R. Army M. Corps, 1930, 54: 19-27.—Mury, J. Du traitement de la blennorrhagie féminine par la flavadine. Schweiz. med. Wschr., 1937, 67: 880-2.—Nagell, H., & Langhans, J. Intravenöse Gonoflavintherapie bei Gonorrhoe. Münch. med. Wschr., 1928, 75: 609.—Navarro Sala, P. El tratamiento de las gonococias por la acridina. Med. iber., 1927, 21: pt 2, 230.—Oppenheim, M., & Freund, F. Die Trypaflavinbehandlung der Gonorrhoe. Wien. med. Wschr., 1928, 78: 1157-60.—Palmera, U. Terapia acridinica ed infezione blenorragica. Dermosifilograf., 1933, 8: 210-9.—Paradis, J. Traitement de la blenorragie par les sels d'acridine. Arch. mal. reins, 1930, 5: 125-73.—Perlowski, K. [Gonacrine in treatment of gonorrhoe] Polska gaz. lek., 1929, 8: 873-5.—Tierangeli, W. Di ulteriori esperienze con i preparati della serie acridinica per via endovenosa nella terapia della blenorragia. Dermosifilograf., 1929, 4: 35-8.—Popescu Buzeu, L. Acridinoterapia dans la blenorragie. J. urol. méd., Par., 1927, 24: 401-10.—Preis, K. [Intravenous trypaflavin in gonorrhea] Orv. hetil., 1934, 78: 128.—Presser, H., & Feder, W. Erfahrungen mit der Flavadin-Behandlung bei der Gonorrhoe der Frau. Mschr. Geburtsh. Gyn., 1937, 105: 107-17.—Proppe, A. Zur Flavadinbehandlung der weiblichen Gonorrhoe. Derm. Wschr., 1934, 99: 1581-9.—Schmidt, W. Erfahrungen mit der Flavadinbehandlung der weiblichen Gonorrhoe. Derm. Zschr., 1933, 67: 331-6.—Scudero, C., & Di Leonardo, B. Contributo alla acridinoterapia nella blenorragia. Gior. ital. dermat. sif., 1932, 74: 364-6.—Secchi, E. Sulla resistenza del gonococco isolato dall'individuo sottoposto alla cura acridinica (tripaflavina) Ibid., 1930, 71: 2080-9.—Skutezy, K. Die Behandlung der akuten Gonorrhoe mit Trypaflavin. Med. Klin., Berl., 1929, 25: 1216.—Prinzipielles zur Frage der Trypaflavinbehandlung bei Gonorrhoe. Wien. klin. Wschr., 1929, 42: 837-9. Also Urol. Cut. Rev., 1930, 34: 180-3.—Sylvester, E. Die Behandlung der Gonorrhoe mit Trypaflavin. Derm. Wschr., 1928, 86: 764-6.—Synghellakis, A. Essais sur le traitement de la blenorragie avec la gonacrine intra-veineuse. Ann. mal. vénér., 1927, 22: 109-14.—Veress, F., & Goldberger, E. [Effect of trypaflavine in treatment of gonorrhea] Budapesti orv. ujs., 1931, 29: 993-8.—Vonnkel, J. Die maximale kombinierte intravenöse, lokale und orale Akridintherapie bei Gonorrhoe. Derm. Wschr., 1929, 89: 1835-12.—Wagner, R., & Pohner, A. Die Akridinderivate in der Gonorrhoe-therapie; Flavacid als lokales Antigonorrhoeum. Zschr. Immunforsch., 1938, 94: 171-82.—Zulauf, C. Die Behandlung der weiblichen Gonorrhoe mit Flavadin. Derm. Wschr., 1933, 96: 625.

— Treatment, biological.

See also subheading Immunization.

Dickerson, D. A. Tissue stimulation treatment of gonorrhea. Tristate M. J., 1932, 5: 973.—Dmitriev, A. I., Egorov, G. I. [et al.] [Autopotherapy in gonorrheal complications] Urologia, Moskva, 1934, 11: 90-7. Also J. urol. méd., Par., 1934, 38: 110-20.—Ferguson, B. Artificial leucocytosis in the treatment of gonorrhea; parenteral injections of mercurchrome, metaphen and other drugs (a preliminary report) Clin. M. & S., 1927, 34: 446.—Stimulation of leucocytosis in the treatment of gonorrhea. Urol. Cut. Rev., 1931, 35: 510-3.—Guth, H. L., & Wolfram, S. Ueber erfolgreiche Versuche lokaler Umstimmung im Sinne der Abwehr bei akuter Gonorrhoe des Mannes; vorläufige Mitteilung. Wien.

klin. Wschr., 1933, 46: 973.—Kissmeyer, A. Some biological considerations in the treatment of gonorrhea and their practical application. Brit. J. Vener. Dis., 1928, 4: 199-204.—Laufman, I. Stimulation of the body defenses in the treatment of gonorrhea. Urol. Cut. Rev., 1933, 37: 864-6.—Obermayer, M., & Kiene, E. Steigerung des Gewebswiderstandes als Therapie der Gonorrhoe. Wien. med. Wschr., 1927, 77: 1096.—Porosz, M. Biologische Tripperbehandlung. Zschr. Urol., 1926, 20: 829-38.—Biological treatment of gonorrhea. Urol. Cut. Rev., 1927, 31: 509-13.—Wisengrad, M. Biological preparations for the treatment of gonococcal infection. Tr. Am. Neisser, M. Soc., 1939, 5: 88-91.—Würzburger, M. Beobachtungen und Erfahrungen mit der organotropen Gonorrhoebehandlung. Med. Klin., Berl., 1926, 22: 1677-82.

— Treatment: Chemotherapy.

See also other subdivisions of Gonorrhea, Treatment.

GUILLOT, J. *Chimiothérapie de la blennorrhagie par les dérivés soufrés administrés en particulier par voie intramusculaire. 84p. 24cm. Par., 1939.

Barbellion, P. Chimiothérapie de la blennorrhagie. J. méd. Paris, 1938, 58: 527-9. —& Garibaldi, A. Gonococque et chimiothérapie; traitement superabortif. Presse méd., 1938, 46: 960-2.—Bertillon, F. Traitement de la blennorrhagie par la chimiothérapie intraveineuse. Rev. prat. mal. pays chauds, 1927, 7: 624-34.—Brandman, K. [Chemotherapy of gonorrhea] Warsz. czas. lek., 1938, 15: 48-50.—Brezovsky, E. [Chemotherapy of gonorrhea] Budapesti orv. ujs., 1938, 36: 629-37. Also Gyógyászat, 1938, 78: 419.—Brown, D. K. Chemotherapy of gonococcal infection in women and children. Brit. M. J., 1940, 2: 99.—Calletti, G. Immuno quimioterapia de la gonorrhea y sus complicaciones. Rev. san. nav., Valparaíso, 1940, 10: 43.—Chanial, G. A propos de la nouvelle chimiothérapie de la blennorrhagie. J. méd. Lyon, 1938, 19: 361-6.—Chemotherapy in gonorrhea. U. S. Nav. M. Bull., 1940, 38: 403.—Conradt, J. A propos de la chimiothérapie moderne de la blennorrhagie. Liège méd., 1938, 31: 285-92.—Coulme, H. A. P., & Goulène, F. Les acquisitions nouvelles dans la chimiothérapie de la blennorrhagie. Rev. Serv. san. mil., Par., 1939, 110: 899-922.—Daniel, W. E. The principles of chemotherapy in gonorrhea. South. M. & S., 1940, 102: 114.—Dembskaia, V. E. [Results of laboratory investigations in anti-gonorrheal chemotherapy] Urologia, Moskva, 1940, 17: No. 3, 52-7.—Durand, Blennorrhagie et chimiothérapie. Bull. Soc. fr. dermat. syph., 1938, 45: 758-60.—Durel, P. Recherches sur la chimiothérapie de la gonococcie à l'aide de divers médicaments antibactériens récents. Ibid., 1937, 44: 1850-87.—Falk, C. A. Essais de chimiothérapie contre la blennorrhagie. Prophyl. antivénér., Par., 1939, 11: 225-42.—Favre, M., Gaté, J. [et al.] Chimiothérapie de la blennorrhagie féminine. Ann. mal. vénér., 1938, 33: 281-4. Also Prophyl. antivénér., Par., 1938, 10: 451-3.—Felke, H. Die Chemotherapie der Gonorrhoe. Deut. med. Wschr., 1937, 63: 1393-5.—Ueber den Wirkungsmechanismus der antibakteriellen Chemotherapie bei der Gonorrhoe. Arch. Derm. Syph., Berl., 1938-39, 178: 152-67.—Fernet, R., Durel, P., & Pellerat, J. Traitement de la blennorrhagie chez la femme par la chimiothérapie interne. Ann. mal. vénér., 1938, 33: 272-80. Also Prophyl. antivénér., Par., 1938, 10: 443-50, Suppl. 28: 1939, 11: 284. Also Rev. fr. dermat. vénér., 1938, 14: 122-54.—Frei, W. Prinzipien der Gonorrhoebehandlung. Fortsch. Ther., 1930, 6: 27-31.—Fuhs, H. Moderne Chemotherapie der Gonorrhoe. Wien. klin. Wschr., 1940, 53: 566-8.—Gautier, & Payein. Quelques essais de chimiothérapie de la blennorrhagie par voie buccale. Arch. méd. pharm. nav., 1938, 128: 455-66.—Gennerv, V. [Chemotherapeutic treatment of gonorrhea in men and women also certain problems of clinical and serological nature] Ugeskr. laeger, 1939, 101: 1009; 1037.—Godal. Blennorrhagie et chimiothérapie, chez l'homme. Arch. méd. pharm. nav., 1938, 128: 416-54.—Golay, J. Un grand progrès; la chimiothérapie de la blennorrhagie. Rev. méd. Suisse rom., 1938, 58: 171-6.—Goyert, K. Wirkung und Nebenwirkung der Chemotherapie bei Gonorrhoe während der Schwangerschaft und bei anderen Komplikationen gonorrhoeischer Natur. Derm. Wschr., 1939, 108: 586-91.—Grimaldi, F. E., & de Surra Canard, R. La quimioterapia endovenosa de la blenorragia. Sem. méd., B. Air., 1926, 33: pt 2, 1017-23.—Henez, L. [Chemotherapy of gonorrhea] Magy. urol., 1938, 1: 355-9.—Hofstätter, R., & Schwarz, J. Zur Behandlung der weiblichen Gonorrhoe mittels Farbstoffen. Mschr. Geburtsh. Gyn., 1937-38, 107: 196-214.—Iacapraro, G. Blenorragia aguda y quimioterapia. Dia méd., B. Air., 1940, 12: 894-7.—Jaja, G. Tentativi chemioterapici della infezione gonococcica. Dermosifilograf., 1928, 3: 275; 1930, 5: 512.—Le ultime vedute sulla terapia della infezione gonococcica; chemioterapia della infezione gonococcica. Gior. ital. dermat. sif., 1932, 73: 278-321.—Jausion, H., & Vaucel, M. Nouvelles recherches sur la chimiothérapie intraveineuse de la gonococcie; les procédés de mordançage en thérapeutique. Presse méd., 1926, 34: 193-6.—Jausion, H., Pecker, A. [et al.] La polychimiothérapie des états gonococciques. Gaz. méd. France, 1937, 44: 1023-31.—Kaló, A. [Chemotherapy of gonorrhea in men] Orv. hetil., 1938, 82: 637-9.—Kinnig, Chemotherapie der Gonorrhoe. Derm. Wschr., 1937, 105: 929.—Křeček, J. Chemotherapy of gonorrhea. Cas. lek.

- česk., 1940, 79: 106-9.—Lacal, F. Quimioterapia de la blenorragia. Rev. san. mil., B. Air., 1940, 39: 1047-57.—Laffont, A., & Fulconis, H. Chimiothérapie et gonococcie féminine. Bull. Soc. gyn. obst. Paris, 1939, 28: 333.—Laurent, C. Chimiothérapie des infections gonococciques. Bull. Soc. fr. derm. syph., 1938, 45: 743-55.—Levaditi, C. La chimiothérapie de la blennorrhagie. Rev. fr. derm. vénér., 1938, 14: 99-109. Also Prophyl. antivénér., Par., 1939, 11: 215-27. — Chimiothérapie interne de l'infection gonococcique au point de vue chimique et expérimental. Ann. mal. vénér., 1939, 34: 195-200.—Lloyd, V. E. Modern chemotherapy and gonococcal infections. Practitioner, Lond., 1940, 144: 44-51.—McCann, J. S. The chemotherapeutic treatment of gonorrhoea and its complications. Ulster M. J., 1940, 9: 79-93.—Marcozzi, A. Chemioterapia antigonococcica con derivati dell'acridina e delle aldeidi. Gior. ital. derm. sif., 1927, 68: 623-33.—Marcelli, I. [Gonorrhoea chemotherapy] Magy. urol., 1940, 3: 146-51.—Markinovitsh, R. Chemotherapy of gonorrhoea. Brit. M. J., 1939, 1: 317-20.—Massaniso, P. P., & Schofield, F. S. Chemotherapy of gonorrhoea in the male. Pennsylvania M. J., 1938-39, 42: 1476-80.—Miljan, G. Chimiothérapie de la blennorrhagie. Ann. mal. vénér., 1938, 33: 285-7. Also Prophyl. antivénér., Par., 1938, 10: 437; Suppl. 16-9. Also Rev. fr. derm. vénér., 1938, 14: 110-3.—Mitehell, D. R., Greig, C. H., & Uren, J. L. The treatment of gonorrhoea by chemotherapy; a preliminary note. Canad. M. Ass. J., 1940, 42: 533.—Moffett, M. Chemotherapy of gonococcal infections in women and children. Brit. M. J., 1940, 2: 8-10.—Morhardt, P. E. La chimiothérapie de la blennorrhagie. Vie méd., 1938, 19: 48; 75.—Morrissey, J. H. Azo-dye therapy in acute and chronic gonorrhoea. Med. Rec., N. Y., 1940, 151: 323-5.—Muscolino, M. La chemioterapia nella infezione gonococcica. Riforma med., 1939, 55: 170-7.—O'Malley, C. K. A new chemotherapeutic agent in gonorrhoea. S. Afr. M. J., 1938, 12: 301-3.—Pariente, M. La chimiothérapie de la gonococcie. Gaz. hôp., 1937, 110: 941-4.—Pautrier, L. M., & Laugier, P. Chimiothérapie de la blennorrhagie masculine. Ann. mal. vénér., 1938, 33: 267-71. Also Prophyl. antivénér., Par., 1938, 10: 454; Suppl. 62; 1939, 11: 249.—Pevzner, J. I. [Chemotherapy in gonorrheal complications] Sovet. vst. vener., 1934, 3: 566-70.—Polano, M. K. [Chemotherapy of gonorrhoea in men] Ned. tscr. geneesk., 1939, 83: 5732-8.—Pulido Martin, A. La cromoterapia en el tratamiento de la gonococia. Siglo méd., 1926, 77: 580-2.—Radó, B. [Chemotherapy of gonorrhoea] Orv. hetil., 1938, 82: 538. Also Zschr. Urol., 1939, 33: 57.—Rapoport, S. G. [Chemotherapy of gonorrhoea] Vrach. delo, 1939, 21: 71.—Russell, G. M. Gonorrhoea and its chemotherapeutic treatment. Clin. M. & S., 1928, 35: 750-2.—Sauphar, G. Essais de traitement des gonococcies par la chimiothérapie. Bull. Soc. méd. Paris, 1938, 119-28.—Schräfl, A. Chemo-Therapie der Gonorrhoe. Praxis, Bern, 1939, 28: 477-80.—Schreus, H. T. Chemotherapie der Gonorrhoe. Derm. Zschr., 1937, 76: 253-62. — Theorie und Praxis der Chemotherapie der Gonorrhoe. Med. Welt, 1940, 14: 1061-6.—Spiethoff, Grundsätzliche Fragen bei der Chemotherapie der Gonorrhoe. Derm. Wschr., 1939, 109: 985-90.—Suggestions for the treatment of gonorrhoea, chemotherapy and local. Bull. Dep. Health Kentucky, 1940-41, 13: 221-4.—Szécs, E., & Arokhaty, W. Verhalten und Bedeutung der spezifischen komplexbindenden Antikörper im Zusammenhang mit der modernen Chemotherapie der Gonorrhoe. Arch. Derm. Syph., Berl., 1938-39, 178: 395-9.—Tant, E. Le traitement de la blennorrhagie par les nouvelles techniques chimiothérapiques. Bruxelles méd., 1937-38, 18: 1043; 1083. Also Ann. mal. vénér., 1938, 33: 312-4. Also Prophyl. antivénér., Par., 1939, 11: suppl., 160-95.—Tataru, C., Pop, L., & Cirlea, P. [Chemotherapy of gonorrhoea] Cluj. med., 1938, 19: 651-66.—Treger, J. [Indications for chemotherapy in gonorrheal] Bratisl. lek. listy, 1938, 18: 169-76.—Vernes, A., Palazzoli, M., & Giard, R. La chimie aurait-elle partie gagnée contre le gonococque? Arch. Inst. prophyl., Par., 1938, 10: 171-4.—Willis, V. N. B. Chemotherapy in the treatment of gonorrhoea in males. Med. J. Australia, 1940, 1: 82-5.
- blenorragia como enfermedad social. Dña méd. urug., 1939-40, 7: 107-15.—Durel, P. Chimiothérapie antigonococcique; ou en sommes-nous? Bull. méd., Par., 1938, 52: 768-70.—Falehi, G. Nuovi orientamenti per la cura della blenorragia. Athena, Roma, 1938, 7: 153-5.—Felke, H. Wie soll sich der Arzt in der Praxis zur Chemotherapie der Gonorrhoe stellen? Münch. med. Wschr., 1937, 84: 1867. — Das Verhalten der Gonokokken gegenüber der Chemotherapie (ein Beitrag zum Problem der sogenannten Versager) Klin. Wschr., 1939, 18: 568.—Fuhs, H., & Volavsek, W. Zur Chemotherapie der Gonorrhoe. Wien. klin. Wschr., 1938, 51: 586-91. — Ergänzende Bemerkungen zur Chemotherapie der Gonorrhoe. Derm. Wschr., 1938, 107: 1057-64.—Gautier, E. L. Quelques considérations sur la chimiothérapie de la blennorrhagie. Progr. méd., Par., 1938, 869-75.—Genner, V. [Gonorrhoea and chemotherapy; present production of contemporary preparations] Ugeskr. laeger, 1939, 101: 461-6.—Goyert, K. Chemotherapeutische Erfahrungen bei der Gonorrhoebehandlung. Derm. Wschr., 1939, 108: 561-8.—Grütz, O. Kritische Betrachtungen zur Chemotherapie der Gonorrhoe. Med. Klin., Berl., 1938, 34: 1147-50. — & Kroecker, G. Ueberblick über den gegenwärtigen Stand der Chemotherapie der Gonorrhoe. Jahrbuch. ärztl. Fortbild., 1939, 30: H. 4, 37-52.—Hruszek, H. Bemerkungen zur Chemotherapie der Gonorrhoe. Derm. Wschr., 1939, 108: 209.—Jambon, A., Lacassagne, J., & Bouget, Deux mois de traitement chimiothérapique de la blennorrhagie au Dispensaire du Bureau d'hygiène de Lyon. Bull. Soc. fr. derm. syph., 1938, 45: 735-8.—Jausion, H. Le bilan et les espoirs de 13 ans de chimiothérapie du gonococque. Ann. mal. vénér., 1938, 33: 301-5, 4 tab. Also Prophyl. antivénér., Par., 1938, 10: 461-72.—Kimmig, J. Zur Chemotherapie der Gonorrhoe. Arch. Derm. Syph., Berl., 1937-38, 176: 722-31.—Lacassagne, J. Chimiothérapie de la blennorrhagie; statistique de clientèle. Bull. Soc. fr. derm. syph., 1938, 45: 771. — & Cuilleret, P. Le traitement de la blennorrhagie vu à travers la Conférence de Chimiothérapie; Paris, mars 1939. J. méd. Lyon, 1939, 20: 341-5.—Levaditi, C. La chimiothérapie interne de l'infection gonococcique au point de vue chimique et expérimental. Ann. mal. vénér., 1938, 33: 262-6. — Le passé le présent et l'avenir de la chimiothérapie des maladies microbiques et, en particulier, celle de la gonococcie. Bull. Soc. méd. Paris, 1938, 91-108.—Löhe, H., & Wawersig, R. Weitere Erfahrungen mit der chemotherapeutischen Gonorrhoebehandlung, unter besonderer Berücksichtigung des Blutbildes. Derm. Wschr., 1938, 107: 1081-9.—Long, P. H., & Bliss, E. A. Experimental and clinical observations upon chemotherapy in gonococcal infections. J. Bact., Balt., 1938, 35: 35.—Marcel, J. E. A propos de la chimiothérapie buccale nouvelle dans la blennorrhagie; premières impressions. Bull. Soc. méd. Paris, 1938, 136-42.—Miescher, G. Der heutige Stand der peroralen Chemotherapie der Gonorrhoe auf Grund eigener Erfahrungen (964 Fälle) Schweiz. med. Wschr., 1940, 70: 621-7. — Ueber den heutigen Stand der peroralen Chemotherapie der Gonorrhoe auf Grund eigener Erfahrungen; Kurz- und Einschlagtherapie mit Ciba 3714. Ibid., 891.—Miljan, G. Rapport sur la chimiothérapie de la blennorrhagie. Prophyl. antivénér., Par., 1939, 11: 228-48. Also Rev. fr. derm. vénér., 1939, 15: 83-105.—Morschhauser, B. J. Aussprache über die chemotherapeutische Behandlung der Gonorrhoe. Derm. Wschr., 1938, 106: 139.—Pautrier, L. M., & Laugier, P. Premiers résultats obtenus dans le traitement de la blennorrhagie par les nouveaux corps chimiques. Bull. Soc. fr. derm. syph., 1938, 45: 663-8.—Petges, G., Depreeq, M., & Ringenbach, G. Résultat du traitement chimiothérapique de la blennorrhagie dans 22 cas. J. méd. Bordeaux, 1938, 115: pt 2, 599-601.—Pfister, W. Ergebnisse der Chemotherapie der weiblichen Gonorrhoe. Zbl. Gyn., 1939, 63: 653-7.—Pierangeli, W. Esperienze sulla chemioterapia endovenosa della blennorrhagie. Gior. ital. derm. sif., 1927, 68: 608-15.—Present status of chemotherapy of gonorrhoea. J. Am. M. Ass., 1938, 110: 1501.—Quelques considérations sur la chimiothérapie de la blennorrhagie. Rev. prat. biol. appl., Par., 1938, 31: 245.—Ramel, E. Considérations actuelles sur la chimiothérapie de la blennorrhagie masculine. Rev. méd. Suisse rom., 1940, 60: 602-15.—Richter, W. Die Bewertung der chemotherapeutischen Mittel in der Gonorrhoe-Behandlung. Aerztl. Sachverst. Ztg., 1939, 45: 155-7.—Rubi, R. A. Estado actual de la quimioterapia de la blenorragia. Rev. med., B. Air., 1939, 1: No. 6, 18-27.—Sauphar, G. Essais de traitement des gonococcies par la chimiothérapie. Prophyl. antivénér., Par., 1938, 10: 483.—Schubert, M. Weitere Erfahrungen mit der Chemotherapie der Gonorrhoe. Derm. Wschr., 1938, 107: 807-12.—Spiethoff, B. Rapport sur la chimiothérapie de la gonorrhée en Allemagne. Ann. mal. vénér., 1938, 33: 308-11. Also Prophyl. antivénér., Par., 1939, 11: Suppl., 143-56. — Der Stand der Chemotherapie der Gonorrhoe. Deut. med. Wschr., 1938, 64: 1097-102. — Stand der Chemotherapie der Gonorrhoe. Zbl. Haut Geschlkr., 1938, 60: 597-601. — Der gegenwärtige Stand der Chemotherapie der Gonorrhoe. Oeff. Gesundheitsst., 1938-39, 4: B, 161-9.—Spremla, J. Consideraciones sobre quimioterapia de la blenorragia. Bol. Soc. méd. quir. centr., Montev., 1939, 6: No. 26-27, 106-9.—Tant, E. Les résultats de la chimiothérapie dans la lutte contre la blennorrhagie. Bruxelles méd., 1938-39, 19: 1432-40.

— Treatment: Chemotherapy: Results.

ASSAL, R. *Chimiothérapie actuelles de la blennorrhagie et de ses complications. 32p. 8°. Genève, 1928.

Anwyl-Davies, T. The evaluation of the modern treatment of gonorrhoea. S. Thomas Hosp. Rep., Lond., 1938, 2, ser., 3: 216-23.—Artom, M. Primo contributo allo studio dell'azione della chemioterapia dell'infezione gonococcica sulla deviazione del complemento con antigene gonococcico. Gior. ital. derm. sif., 1932, 73: 324-7.—Barbellion, P. Etat actuel de la chimiothérapie antiblennorrhagique. Rev. gén. élin. théor., 1938, 52: 257-61.—Bonnet & Poirot. Progrès récents de la chimiothérapie de la blennorrhagie. Bull. Soc. fr. derm. syph., 1938, 45: 543-9.—Bouget, Résultats de la chimiothérapie antigonococcique; consultations de gynécologie. Ibid., 1939, 46: 471.—Chauvin, L., & Bonnet, V. Que faut-il penser actuellement de la chimiothérapie de la blennorrhagie? Marseille méd., 1939, 76: 267-72.—Ciani, M. Osservazioni sulla chemioterapia dell'infezione gonococcica. Gior. ital. derm. sif., 1932, 73: 336.—Cox, O. F., & Watkins, J. H. A cooperative plan for the rapid appraisal of the chemotherapy of gonorrhoea in the male. Am. J. Syph., 1940, 24: 732-6.—De Favento, P. Considerazioni sulla cura della infezione gonococcica con speciale riguardo alla chemioterapia. Gior. ital. derm. sif., 1932, 73: 322-4.—Díaz Castro, H. Rol de la quimioterapia en el tratamiento de la

— Treatment: Clinics and dispensaries.

COUSIN, J. *Traitement de la blennorrhagie en milieu hospitalier. 112p. 8°. Par., 1930.

FADIL, M. *Le traitement ambulatoire de la blennorrhagie aiguë masculine au Dispensaire anti-vénérien de Lausanne. 31p. 8° Lausanne, 1936.

SCHWARZ, H. J. *Du traitement de la blennorrhagie aiguë en dispensaire. 61p. 8° Par., 1933.

VEISLEIB, L. *Traitement actuel de la blennorrhagie aiguë en dispensaire. 56p. 8° Par., 1938.

Barbellion, P. Traitement hospitalier de la blennorrhagie. Bull. Soc. fr. urol., 1934, 114-9. Also J. méd. Paris, 1934, 54: 626-8. Also J. urol. méd., Par., 1934, 37: 365-71. — Brown, J. M. The out-patient treatment of gonorrhea. Hosp. News, Wash., 1935, 2, 7: 17-22. — Demoncey, A. Le nouveau centre antiblennorrhagique de la L. P. S. Presse méd., 1935, 43: 213. — Galperstein, J. E. [Organization of treatment of gonorrhea in the collective farming regions in Northern Caucasus] Sovet. vest. vener., 1933, 2: 235-9. — Hibbs, D. K. The treatment of gonorrhea in a penal institution. Urol. Cut. Rev., 1937, 41: 474-8. — Kaufman, S. A. [Organization of treatment of gonorrhea in women and children in Moskau] Vest. vener., 1938, No. 6, 5-7. — Moisseiev, A. [Method of ambulatory treatment of gonorrhea] Vrach. gaz., 1928, 32: 445. — Ochoa E., E. Tratamiento de la blenorragia en los dispensarios. Bol. Min. san., Caracas, 1939, 4: No. 2, 26-9. — Pelouze, P. S. The treatment of gonococcal infection in ambulatory males. Tr. Am. Neisser. M. Soc., 1939, 5: 125-8. — Pruzhansky, A. I. [Duration of treatment of gonorrhea and its complications under dispensary conditions] Sovet. vest. vener., 1934, 3: 68-73. — Santaella, A. Terapéutica y organización práctica para el tratamiento de las uretritis y sus complicaciones en los dispensarios profilácticos. Med. iber., 1932, 26: 677-80. — Wishegrad, M. Suggestions for elevating the standard of gonorrhea clinics. Tr. Am. Neisser. M. Soc., 1938, 4: 45-54. Also Am. J. Syph., 1938, 22: 717-27. — — — & Goldberg, J. A. Male gonorrhea clinics in New York City. J. Social Hyg., 1938, 24: 26-33. — Zaigraev, M. A. [Treatment of acute gonorrhea in industrial homes] Sovet. vest. vener., 1934, 3: 999-1006.

— Treatment: Diathermy, and thermotherapy.

See also Gonorrhea, Treatment: Fever.

CUMBERBATCH, E. P., & ROBINSON, C. A. Treatment of gonococcal infection by diathermy; with an appendix on the treatment of other forms of arthritis by diathermy. 150p. 12° Lond., 1925.

DELPLACE, E. *Du traitement de la blennorrhagie chez l'homme par l'ozonothérapie (thermothérapie par les courants à haute fréquence, haute tension et faible intensité) 74p. 8° Par., 1927.

PHAN TAN THIET. *Contribution à l'étude du traitement de la blennorrhagie chronique par la diathermie. 44p. 8° Par., 1931.

ROUCAYROL, P. E. La d'Arsonvalisation directe (diathermie) dans le traitement de la blennorrhagie. 251p. 8° Par., 1929.

Ballico, I. La cura diatermica nella blenorragia e nelle sue complicanze. Arch. ital. dermat., 1928-29, 4: 410-26. — Barbellion, P. La chaleur comme agent thérapeutique de la blennorrhagie. Ann. mal. vénér., 1937, 32: 632-6. — — — & Monceaux, R. Résistance du gonocoque à la chaleur. Bull. Soc. fr. urol., 1935, 347-9. Also J. urol. méd., Par., 1936, 41: 72-4. — Bécélère, C. Diathermie et électro-coagulation dans le traitement de la blennorrhagie féminine. Rev. fr. gyn. obst., 1938, 33: 724-6. — Berlin, I. S. [Diathermy in treatment of complications of gonorrhea in men] Sovet. vrach. J., 1936, 1: 1327-31. — Bierman, W. Treatment of gonorrhea in the female by means of systemic and additional pelvic heating. J. M. Soc. N. Jersey, 1937, 34: 574. — — — & Horowitz, E. A. Gonococcal infection in the female treated by means of combined systemic and additional pelvic heating. Abstr. Papers Annual Fever Conf., Dayton, 1935, 5: 30-2. Also J. Am. M. Ass., 1935, 104: 1797-801. Also Fever Ther., N. Y., 1937, 166. Also N. England J. M., 1938, 218: 60-2. — — — Gonorrhea in the female treated by a combined heating technic. Am. J. Obst., 1937, 34: 68-75. Also Med. Rec., N. Y., 1939, 149: 305-7. — Boland, B. F. Diathermy and high frequency currents in Neisserian infections. Am. J. Phys. Ther., 1931-32, 8: 5-7. — Cerna, I. R. [Diathermotherapy in gonococcal infections] Rev. št. med., Bucur., 1927, 16: 1162-73. — — — [Dr P. E. Roucayrol's method of endourethral and endovaginal diathermotherapy in gonococcal infections] Ibid., 1928, 17: 52-70. — Colonieu, Miramond de Laroquette & Blondeau, A. Du traitement de la blennorrhagie par les ondes courtes. Bull. Soc. radiol. méd. France, 1935, 23: 212. — Cumberbatch, E. P. Treatment of gonococcal infections by diathermy. Am. J. Phys. Ther., 1926-27, 3: 514; 1931, 8: 97. Also Clin. Med., 1926, 33: 79-84. Also Phys. Ther., 1926, 44: 19-33. Also

Rev. As. méd. mex., 1929, 7: 17-22. — Cura della blenorragia con i metodi fisici termogeni. Gazz. osp., 1935, 56: 1164-8. — D'Ajello, G. Il trattamento della blenorragia con mezzi fisici termogeni. Morgagni, 1935, 77: 102-4. — Duncan, I. G. Treatment of gonorrhea in women, with special reference to the use of diathermy in tubular infections. Memphis M. J., 1931, 8: 150-5. — Fieser, H. Zur Heissluftbehandlung der weiblichen Gonorrhoe. Münch. med. Wschr., 1927, 74: 109. — Freymann, W. Die Diathermiebehandlung der Adnexe bei männlicher Gonorrhoe. Med. Klin., Berl., 1931, 27: 1386-8. — Gluckman, H. The treatment of gonorrheal infections by diathermy (with a description of the technique) Brit. J. Vener. Dis., 1926, 3: 248-66. Also J. M. Ass. S. Africa, 1928, 2: 400-3. Also S. Afr. M. Rec., 1926, 24: 146-53. — Greenslade, C. M. Diathermy: its therapeutic value in gonorrhoea. N. Zealand M. J., 1934, 33: 96-101. — Gumpert, M. Cura della gonorrhea colle onde corte. Arch. ital. dermat., 1934, 10: 111-3. — — — Behandlung der Gonorrhoe mit Kurzwellen; vorläufige Mitteilung. Med. Welt, 1933, 7: 558. — — — Zur Thermotherapie der weiblichen Gonorrhoe. Ther. Gegenwart, 1933, 74: 94. — Halphen, A., Auclair, J., & Dreyfus, M. R. La thérapeutique par la chaleur dans les affections gonococciques. Bull. Soc. fr. urol., 1935, 338-47. Also J. urol. méd., Par., 1936, 41: 63-72. — — — Traitement de la blennorrhagie par les ondes courtes. Arch. électr. méd., 1937, 45: 273-84. — Higouménakis, G. C. La diathermie dans le traitement de la blennorrhagie. Ann. mal. vénér., 1935, 30: 641-56. Also Ind. J. Vener. Dis., 1938, 4: 237-47. — Humiston, H. W. The use of heat and fever in the treatment of gonococcus infections. Am. J. Syph., 1937, 21: 554-76. — Hunt, R. E. Technique and results of 250 diathermy treatments of gonorrhea in the male. Illinois M. J., 1927, 52: 313-5. — Hyams, M. N. The heat treatment of acute gonorrhea in the female. Arch. Phys. Ther., 1930, 11: 588-94. — Kaufman, S. A., & Kabanchik, S. M. [Treatment of active gonorrhea in women with diathermy] Sovet. vest. vener., 1933, 2: 619-23. — Kochetov, B. P. [Fango-therapy in gonorrheal complications in men] Vest. vener., 1938, 39-43. — Kolischer, G. Diathermy in gonorrhea in the female. Urol. Cut. Rev., 1929, 33: 289. — Lanteri, G. Contributo alla cura diatermica delle affezioni blenorragiche femminili. Med. prat., Nap., 1925, 10: 281-9. — Mackintosh, M. Traitement de la blennorrhagie chronique par la diathermie: électrodes, distribution électrique et contrôle thermique spéciaux. J. urol. méd., Par., 1926, 22: 233-41. — Maggiulli, G. Le cure termo-iperemiche nelle uretriti croniche. Dermosifilograf., 1926, 1: 220-5. — Mahmoud Affi. Treatment of gonococcal infection by diathermy. J. Egypt. M. Ass., 1931, 14: 82-7. — Marcel, J. E. Un nouveau traitement de la blennorrhagie: l'ozonothérapie. Ann. mal. vénér., 1927, 22: 570-83. — Marta, F. La cura della blenorragia col calore. Gazz. osp., 1934, 55: 1565-7. — Miniusheva, Z. S. [Diathermy in gonorrhea in children] Vest. vener., 1930, 9-10, 961-3. — Mourek, J. [Short-wave thermotherapy of internal gonorrhea with simultaneous ischémization of the penis] Cas. l'ek. česk., 1937, 76: 1696. — Nagell, H., & Berggreen, P. Ueber Kurzwellentherapie bei Gonorrhoe. Derm. Zschr., 1933, 67: 151-5. — Nobl, G. Zur Renaissance der thermischen Blennorrhöebehandlung. Wien. med. Wschr., 1938, 88: 89-91. — Pechersky, B. L. [Fango-therapy in gonorrheal complications in men] Vener. dermat., Moskva, 1929, 6: 48-57. — Pedersen, V. C. Prolonged intensive diathermy for gonococcal infection. Phys. Ther., 1927, 45: 382. — Pediconi, P. Diathermy in the treatment of gonorrhoeal conditions. Urol. Cut. Rev., 1929, 33: 75-8. — Petrov, S. M., & Evseeva, L. A. [Indirect diathermy in treatment of acute ascending gonorrhea in women] Akush. gin., 1937, No. 7, 85; 1940, No. 5, 28. — Pugh, W. S. Diathermy: its use in gonococcal infections of the female. J. M. Soc. N. Jersey, 1929, 26: 222-6. Also Med. Rev. of Rev., 1929, 35: 585-94. Also Med. Herald, 1930, 49: 201-5. Also Clin. M. & S., 1932, 39: 861-3. — Putte, P. J. van [Treatment of gonorrhea in women with diathermy] Ned. tscr. geneesk., 1926, 70: 437-41. — Ravima, A. Le traitement de la blennorrhagie par les moyens physiques thermogènes. Presse méd., 1934, 42: 1790-2. — Redewill, P. H. Gonorrhea in the male; treatment with diathermy and intravenous medication introducing a new clamp electrode. Am. J. Phys. Ther., 1927-28, 4: 308-12. — Roucayrol, P. E. Action de la diathermie dans la blennorrhagie. C. rend. Acad. sc., 1926, 182: 667. — — — La diathermie dans la lutte contre la blennorrhagie; ses résultats au point de vue technique et au point de vue social. Prophyl. antivénér., Par., 1929, 1: 513-25. — — — La diathermie dans le traitement de la blennorrhagie. Rev. méd., Par., 1932, 49: 96-114. — Santos, C., fils. Sur le traitement de la blennorrhagie par la diathermie. Arch. électr. méd., 1913, 22: 241-57. — Scudero, C. La marconiterapia nelle epididimiti blenorragiche e nelle piaghe torpide. Gior. ital. dermat. sif., 1937, 78: suppl., 70. — Shohan, J. A new method of diathermy treatment of gonorrheal urethritis. Urol. Cut. Rev., 1930, 34: 525-7. Also Phys. Ther., 1931, 49: 451-65. — Spina, P. La diatermia nella cura delle affezioni blenorragiche femminili. Pensiero med., 1925, 14: 568-70. — Tarantelli, E. La diatermoterapia nell'infezione gonococcica dell'uomo e della donna. Gior. ital. dermat. sif., 1932, 73: 444-515. — Treger, J. [Diathermy as an adjuvant remedy in treatment of gonorrhoea] Bratisl. lek. listy, 1926, 5: 582-7. — Van Leeuwen, T. M. The treatment of gonorrhoea by diathermy. Internat. Clin., 1927, 1: 37. ser., 38-42. — Waddington, J. E. G. Thermal therapeutics of gonorrhoea in the male. Am. J. Phys. Ther., 1935, 12: No. 2, 5-7. — Walther, H. W. E. Diathermy in the treatment of Neisserian infections of women. N. Orleans M. & S. J., 1926-

27, 79: 914-7.—Williams, G. A. The Elliott treatment as prophylaxis for gonorrhea in the female. *Am. J. Obst.*, 1937, 33: 694-6.

— Treatment: Drugs.

BODENSTEIN, H. *Experimentell-bakteriologische Untersuchungen über den Einfluss des Urotropins auf das Wachstum der Gonokokken; ein Beitrag zur Verwendung von internen Harndesinficienten bei der Therapie der Gonorrhoe [Berlin] 43p. 8°. Charlottenb., 1937.

RACHTY, A. A. *Le traitement de la phase aiguë de la blennorrhagie par l'antisepsie profonde. 72p. 8°. Par., 1933.

RADEMACHER, W. *Welche Anforderungen müssen an ein neues Gonorrhöebehandlungsmittel gestellt werden? [München] 18p. 8°. Rheine, 1932.

STERN, R. *Die Behandlung der Gonorrhoe mit Crurin. 34p. 8°. Lpz., 1903.

VIDAL, P. Le traitement spécifique et radical de la blennorrhagie. 31p. 12°. Par., 1917.

ANAPOLSKY, N. [Importance of cupric sulphate in therapy of acute gonorrhea] *Vrach. gaz.*, 1926, 30: 998-1001.—ANGRES. Ein internes Antigonorrhoeum Gonocin. *Med. Welt*, 1927, 1: 803.—ANWYL-DAVIES, T. Intra-uterine glycine in the treatment of gonorrhoea. *Postgrad. M. J.*, Lond., 1933, 9: 48-53.—BAGNOLI, N. I preparati arsenobenzolici nella cura locale della blenorrea. *Arch. ital. derm.*, 1931-32, 7: 315-22.—BEINARDI, A. M. Sulpharsphenamine therapy in the acute gonococcal complications. *Med. World*, 1939, 57: 167.—BESZEDITS, D. New theory and method of treating gonorrheal infections with hydrochloric acid and mineral-natal therapy. *Ibid.*, 1936, 54: 310-5.—BLEYER, K. Die Pellidolbehandlung der weiblichen Gonorrhöe. *Derm. Zschr.*, 1926, 49: 355-7.—BOGÁR, G. [Ambsesid soluble, a new remedy in gonorrhea] *Gyógyászat*, 1938, 78: 740.—BRONSTEIN, V. E., DMITRIEV, A. I., & EGOROV, G. O. [Darninol in gonorrhea] *Urologia*, Moskva, 1932, 10: 27-31. Also *Acta derm. vener.*, Stockh., 1936, 17: 143-50.—BRUNO, D. Il pimecral nella terapia gonococcica. *Gior. ter. oft.*, 1933, 14: 72-80.—BUSCHKE, A., & LANGER, E. Pellidol in der Gonorrhoe-therapie. *Munch. med. Wschr.*, 1925, 72: 1518.—CARTIA, B. La terapia calcica della blenorragia e delle sue complicate. *Riforma med.*, 1931, 47: 1892-4.—CRONER, W. Kurze Zusammenfassung über meine Erfahrungen mit Pellidolstäbchen. *Fortsch. Med.*, 1928, 46: 487.—BUCCOSPERIN. *Med. Welt*, 1930, 4: 369.—DIASIO, J. S. A new bactericide for treating anterior gonorrhea. *Mil. Surgeon*, 1932, 70: 594-6. Also repr.—DÓZSA, J., & LEMPERT, S. [Chemotherapy of gonorrhea with neosanamid] *Gyógyászat*, 1938, 78: 560-4.—EFIMOV, I. I. [Neosalvarsan in treatment of gonorrhea] *Urologia*, Moskva, 1937, 14: 57-62.—ELSÄSSER, B. Zur Behandlung der Gonorrhoe mit milden Mitteln, insbesondere mit Agesulf. *Derm. Wschr.*, 1932, 95: 1610-5.—EPSTEIN, G. S. [Pyoklastin in the treatment of gonorrhea] *Vener. derm.*, Moskva, 1929, 6: 64-7.—ERLACHER, P. Ueber Chloramin-Heyden bei der Behandlung der Frauen- und Kindergonorrhoe. *Wien. med. Wschr.*, 1927, 77: 464.—FRAZIER, W. H. Some newer remedies in the treatment of gonorrhea. *J. Nat. M. Ass.*, N. Y., 1938, 30: 70.—FREISCHMIDT, W. Ueber Gonaromat in der Gonorrhoe-therapie. *Derm. Wschr.*, 1927, 84: 710.—FRONSTEIN, R. Bemerkungen zu der Arbeit Sirota: Ueber die Behandlung der akuten Gonorrhöe mittels intravenöser Einspritzungen von Urotropin, nebst experimentellen Untersuchungen über die Wirkung des Urotropins auf Gonokokken. *Arch. Derm. Syph.*, Berl., 1926, 150: 240-2.—GEYER, H. Ueber einige neuere Tripperheilmittel. *Derm. Wschr.*, 1932, 95: 1197; 1233.—HALÁSZ, E. Die Behandlung der akuten Gonorrhoe mit Necaron-Ingelheim. *Ibid.*, 1926, 82: 330-3.—HAXTHAUSEN, H. Ausschliessliche Sandelöl-Behandlung bei akuter, uncomplicierter Gonorrhoe des Mannes. *Acta derm. vener.*, Stockh., 1937, 18: 462-4.—On the penetration of various antigonorrhoeics (preliminary report) *Forh. Nord. derm. foren.*, 1925, 6: 160-7.—HERROLD, R. D. Observations on the gonococcal action of mallophone in urine. *J. Lab. Clin. M.*, 1934, 20: 53-5.—& CULVER, H. The treatment of acute gonorrhea with antiseptics in gelatin. *J. Am. M. Ass.*, 1927, 88: 459.—HEYN, W., & BAYER, H. Vergleichende Untersuchung über die Wirkung verschiedener Injektionsmittel beim akuten Tripper des Mannes. *Derm. Wschr.*, 1931, 93: 1631-5.—HEYN, W., NAGEL, H. [et al.] Welche Bedeutung ist den Balsamicis und den internen Harndesinfizienten im Rahmen der Gonorrhoe-therapie beizumessen? *Ibid.*, 1934, 99: 1562.—JÄHNKE. Ueber Novogonan, ein neues Balsanikum. *Med. Klin.*, Berl., 1925, 21: 1545.—JANET, J. Les succédanés du permanganate de potasse dans le traitement local de la blenorragie. *J. urol. méd.*, Par., 1931, 31: 433-45.—JAUSION, H., & PECKER, A. La pilocarpine, adjuvant du chlorométhylate de diamino-acridine, pour la cure des blennorrhagies. *C. rend. Soc. biol.*, 1927, 96: 163.—KALLMANN, C. Ueber Erfahrungen mit Blennosan. *Deut. med. Wschr.*, 1927, 53: 2084.—KRÖSL, H. Pellidolbehandlung der Gonorrhoe. *Ther. Gegenwart*, 1926, 67: 239.—Lopes Martins, A. Tratamento das infecções neis-

serianas e suas complicações pelos balsamicos parenteraes. *Fol. med.*, Rio, 1936, 17: 172-4.—MARTIN. Notice sur l'emploi du poivre cubèbe dans la blennorrhagie. *Observ. provenç. sc. méd.*, 1821, 1: 50-7.—MASALA, M. Il necaron nella blenorragia. *Pensiero med.*, 1928, 17: 178-212.—MECKER, S. Tincture of metaphen in gonorrhea (report of 2 cases). *Clin. M. & S.*, 1932, 39: 461.—MELZER, M. [Use of a xanthene dye, pyronin G in gonorrhea] *Orv. hetil.*, 1937, 81: 427-30. Also *Derm. Wschr.*, 1937, 104: 522-6.—MEYER MOTA, M. El tratamiento de la blenorragia por la fuscina básica. *Disert. Congr. argent. obst.* (1937) 1938, 3. Congr., 2: 32-7.—MINDER, G. [Effect of intravenous glucose injections on the course of gonorrhea] *Orv. hetil.*, 1927, 71: 370-2.—MOHRMANN, B. Buccosperin in der lokalen Gonorrhoe-therapie. *Med. Klin.*, Berl., 1937, 33: 167.—MOTOMURA, G. Clinical and experimental observations on the effect of gonokamisan against gonorrhea. *Taiwan igakkai zasshi*, 1926, No. 256, 5.—MÜLLER, I., & PILAU, G. [Dyes combined with spasmolytics and diuretics for treatment of gonorrhea] *Gyógyászat*, 1935, 75: 558-60.—NEUBERG, H. Beitrag zur modernen Farbstofftherapie der Gonorrhoe (Neotropin). *Med. Klin.*, Berl., 1930, 26: 1602.—ORDAÑA, A. G. Nota previa sobre el tratamiento de la gonorrrea y sus complicaciones en el hombre por los esterios balsámicos puros. *Crón. méd. quir.* Habana, 1934, 60: 137.—ORŁOWSKI, P. Ueber die Medikamente der homöopathischen Schule bei der Gonorrhoebehandlung. *Derm. Wschr.*, 1926, 83: 1515.—PERUTZ, A., & HALPERN, G. Ueber die Tiefenwirkung der Antigonorrhoeika. *Med. Klin.*, Berl., 1934, 30: 228-30.—PHILIPPSON, A. Verbesserung der Gonorrhoebehandlung durch ein schwach dosiertes Medikament und stärkere Berücksichtigung der klinischen Erscheinungen. *Derm. Wschr.*, 1931, 92: 17.—PINETTI, P. Sulla terapia dell'infezione gonococcica con un nuovo composto arsenobenzolo-argentoico (Argentojaccol). *Boll. Ist. sieroter. milan.*, 1933, 12: 129-41.—POLLARD, R. Das Harnantiseptikum Uvalysat Bürger in der Gonorrhoe-therapie. *Wien. med. Wschr.*, 1927, 77: 332.—RAMÍŠ, V. [Alugon (aluminum preparation) in treatment of gonorrhea and catarrh] *Cesk. derm.*, 1931, 12: 259-62.—SACHS, O. Ueber eine neue Behandlungsmethode der Gonorrhoe (mit besonderer Berücksichtigung der gonorrhoeischen Komplikationen) *Zschr. Urol.*, 1927, 21: 169-74.—SCHIFFAN, W. Therapie katarrhalischer Erkrankungen des Urogenitalapparates. *Med. Welt*, 1930, 4: 1767.—SCHAFF, A. Die Behandlung der Gonorrhoe des Mannes unter Berücksichtigung der neuen Arzneimittelste. *Praxis*, Bern, 1937, 26: 69-72.—SCHUBERT, E. Das Cumasinsystem in der Gonorrhoe-therapie. *Derm. Wschr.*, 1936, 102: 355.—SCHWEITZER, A. Erfahrungen mit dem Antigonorrhoeum Biseptam. *Zschr. Urol.*, 1934, 28: 325-7.—SECKENDORF, E. Rein interne Behandlung des akuten Trippers. *Hippokrates*, Stuttgart, 1933, 4: 52-5.—SIROTA, L. Ueber die Behandlung der akuten Gonorrhöe mittelst intravenöser Einspritzungen von Urotropin, nebst experimentellen Untersuchungen über die Wirkung des Urotropins auf Gonokokken. *Arch. Derm. Syph.*, Berl., 1925, 149: 359-62.—SOWIAKOWSKI, J. [Dmelois in treatment of gonorrhea] *Polska gaz lek.*, 1936, 15: 239.—STANCA, D. [Use of Ormizet in the treatment of gonorrhea and cystitis (Colon and staphylococcal)] *România med.*, 1936, 14: 78.—STEINMETZ, F. C. Dye treatment of urinary tract diseases with special reference to gonococcal infections. *Med. Rec.*, N. Y., 1935, 142: 379-83.—STEPHENSON, H. W. Calcium sulphide in gonorrhea. *Med. World*, 1933, 51: 28.—STREITMANN, B. Der Einfluss ultraviolet bestrahlter Kalisalzlösungen auf das weisse Blutbild bei gonorrhoeischen Komplikationen. *Med. Klin.*, Berl., 1936, 32: 456-8.—TOULSON, W. H. The diagnosis and the effects of drug therapy on the course of gonorrhea. *South. M. J.*, 1931, 24: 696-8.—TROPPER, R. Uvakanon. *Wien. med. Wschr.*, 1925, 75: 2347.—VERDIER, C. E. Gonorrhea; treatment with hydrochloric acid. *Mil. Surgeon*, 1938, 83: 113-9. Also repr. *Also Bull. Off. Pract.*, 1938-39, 12: 40.—WAGNER, G. Orale Behandlung gonorrhoeischer Krankheiten. *Wien. med. Wschr.*, 1929, 79: 1600.—WEHRBEIN, H. L. Tissue reaction to antigonorrheal drugs. *J. Urol.*, Balt., 1932, 28: 233-46.—WELTI, M. H. Traitement de la blenorragie au moyen de la Gonamine (Sobornheim) et de la Chloramine. *Schweiz. med. Wschr.*, 1929, 59: 1225-7.—WINDFELD, G. A. Disulon in the treatment of gonorrhea. *Nova Scotia M. Bull.*, 1940, 19: 35-40.—WIRKBERG, R. [Attempts of bactericidal treatment in gonococcal infections] *Nord. med.*, 1939, 1: 29.—WITTENBERG, J. The action of our antiblenorrhagics; a preliminary report of studies in gonorrhea. *Med. J. & Rec.*, 1932, 135: 191.—WOLBARST, A. L. Modern remedies in the treatment of gonorrhea in the male. *Med. Rec.*, N. Y., 1938, 148: 135-7. Also repr.—WÜNSCHE, O. Tierversuche mit Gonocin, einem internen Harndesinfizienten. *Klin. Wschr.*, 1935, 14: 1472.—YAMAMOTO, H. Klinische Erfahrungen mit Pansekal. *Okayama igakkai zasshi*, 1935, 47: 1463.—ZIBORDI, A. Le infezioni di urotropina e clotropina nelle affezioni gonococciche. *Gior. ital. derm. sif.*, 1927, 48: 605-8.

— Treatment: Electrotherapy.

Balog, L. Die Elektrizität in der Gonorrhoe-therapie. *Zschr. Urol.*, 1931, 25: 440-7.—BEIRACH, I. S. Ein Ionophoreseversuch mit unmittelbarer Einwirkung auf Prostata und Samenbläschen in der Klinik der Gonorrhoe. *Derm. Zschr.*, 1930-31, 60: 175-88.—Eine neue Elektrode für die Ionophorese der Prostata und der Samenbläschen. *Ibid.*, 1931, 62: 278-80.—LANGERMANN, R. L., & CHOROSCH, I. W. Die Ionophorese bei Komplikationen der männlichen Gonorrhoe. *Ibid.*, 1930, 59: 208-22.—BERGER, M., & SONKOLY, E. Die Behandlung der

weiblichen Gonorrhöe mit Elektrophorese. Zbl. Gyn., 1932, 56: 2951-7.—Bode, O. Zur Iontophoresebehandlung der weiblichen Gonorrhoe. Fortsch. Ther., 1929, 5: 277-80.—Bohnstedt, R. M. Die Behandlung der männlichen Gonorrhoe. Med. Welt, 1928, 2: 475.—Caesar, V. Gonojontophorese und Tierversuch. Ibid., 1929, 3: 847.—Frost, A. T. A further communication on the treatment of gonorrhoea by kataphoresis. J. R. Army M. Corps, 1925, 45: 364-72.—Hirsch, H. Internal iontophoresis and internal iontotherapy in chronic gonorrhoea and strictures. Clin. M. & S., 1937, 44: 302-5.—King, C. S. Galvanism in gonorrhoea. Med. Woman J., 1926, 33: 38-40.—Marcel, J. E. Les traitements électriques de la blennorrhagie et de ses complications. J. méd. Paris, 1929, 48: 53-6.—Neifeld, H. The sinusoidal current in chronic gonorrhoea of the male. N. York State J. M., 1931, 31: 951.—Phillips, C. H. Treatment of chronic posterior urethritis, prostatic hypertrophy and allied conditions by electrotherapy. South. M. & S., 1928, 90: 669.—Russ, C. Gonorrhoea treated by electrolysis; review of 1,000 cases, and suggested improvement of the syringing method. Med. Press & Circ., Lond., 1930, 130: 518. Also Brit. J. Phys. M., 1933, 8: 90-2.—Sankoly, O., & Berger, M. [Treatment of gonorrhoea in women by electrophoresis]. Gyógyászat, 1932, 72: 577.—Zharkovskaia, A. S. [Electrotherapy (iontophoresis and diathermy) in gonorrhoea of women] Vrach. delo, 1929, 12: 1423-6.

— Treatment: Fever.

ARRAS, E. *Fieberbehandlung der Gonorrhoe [Erlangen] 14p. 8°. Bamberg, 1931.

BASSIR, R. *Généralités sur la pyréthérapie et sur son application dans le traitement des affections gonococciques. 304p. 25cm. Par., 1938.

KELLERSMANN, F. *Die Fiebertherapie der Gonorrhoe. 27p. 21cm. Würzb., 1937.

MARSTON, L. L. *Fever therapy treatment of gonorrhoea. 20p. 8°. Milwaukee, Wis., 1936.

NEUMANN-NEURODE, H. [K. G.] *Fiebertherapie bei der Gonorrhoe. 21p. 22cm. Königsb., 1935.

STEFFENS, B. *Ueber Fiebertherapie bei gonorrhoeischen Erkrankungen. 26p. 8°. Marb., 1931.

Anderson, T. B. H., Arnold, R. C., & Trautman, J. A. The treatment of gonococcal infections in the male with pyretotherapy. Abstr. Papers Fever Conf., 1935, 5: 33-5. Also Hosp. News, Wash., 1935, No. 2, 18: 1-5.—Avery, W. H. Treatment of gonorrhoea by hyperpyrexia in general practice. Canad. M. Ass. J., 1937, 37: 482-5.—Bauer, T. J., & Cecil, H. L. The treatment of the severe complications of gonorrhoea with hyperpyrexia produced by the Kettering hypertherm. Vener. Dis. Inform., 1938, 19: 245-50.—Belt, E., & Folkenburg, A. W. Treatment of gonorrhoea by artificial fever alone and in combination with sulfanilamide. Arch. Phys. Ther., 1940, 21: 203-10. Also California West. M., 1940, 52: 169-72.—Bendre, V. M. The double-sided fight against the gonococcus. Urol. Cut. Rev., 1934, 38: 273.—Bierman, W. The value of hyperthermia in the treatment of gonococcal infections in women. Med. Press & Circ., Lond., 1940, 203: 480-3.—& Levenson, C. L. Fever therapy in gonococcal infections. J. Mount Sinai Hosp. N. York, 1938-39, 5: 147-52. Also Radiology, 1939, 32: 454-61.—Bruck, C., Frei, W. [et al.] Indikationen und Erfolge der Fiebertherapie bei Gonorrhoe. Derm. Wschr., 1931, 92: 842-6.—Delbanco, E. Fieberkuren (Malaria) und Diathermie in der Behandlung der weiblichen chronischen Gonorrhoe. Med. Welt, 1930, 4: 638.—Desjardins, A. U., Popp, W. C., & Stuhler, L. G. Fever therapy for gonococcal infections. Collect. Papers Mayo Clin., 1934, 26: 1006. Also J. Am. M. Ass., 1935, 104: 873; 1936, 106: 690. Also Med. Clin. N. America, 1937, 21: 885-91.

Résultats fournis par l'hyperpyrexie dans les affections gonococciques. Presse méd., 1936, 44: 1079.—Feilchenfeld, H. Die Fiebertherapie der weiblichen Gonorrhoe; Erfahrungen an 163 Fällen. Derm. Wschr., 1933, 97: 1471-80.—Gottesmann, S., & Last, E. Die Fieberbehandlung der Gonorrhoe. Wien. med. Wschr., 1937, 87: 749-52.—Halphen, A., Auclair, J., & Dreyfus, R. Pyro- et thermothérapie de la blennorrhagie. Rev. fr. gyn. obst., 1938, 33: 727-30.—Honda, S., Tanigawa, K., & Wakabayashi, K. A high fever treatment for gonorrhoea. Mitt. Med. Akad. Kioto, 1936, 16: 1080.—Horowitz, E. A. Hyperpyrexia or sulfanilamide in the treatment of gonorrhoea in women. Med. Clin. N. America, 1938, 22: 1429-41.—Jackson, E. Fever therapy for gonorrhoea. Lancet, Lond., 1937, 2: 989.—Janet, J., & Dreyfus, M. R. La pyréthérapie des infections gonococciques. Ann. mal. vénér., 1937, 32: 356; 421; 6 pl. Also Fever Ther., N. Y., 1937, 159.—Krusen, F. H. Summary of results of fever therapy for gonorrhoea with follow-up reports. Proc. Mayo Clin., 1938, 13: 297-9.—Randall, L. M., & Stuhler, L. G. Pyréthérapie avec addition de chaleur locale dans le traitement de la blennorrhagie. Arch. électr. méd., 1937, 45: 285-96. Also Fever Ther., N. Y., 1937, 168-70. Also Am. J. Syph., 1938, 22: 185-97.—Laquerrière,

L'hyperpyrexie dans l'infection gonococcique. Union méd. Canada, 1937, 66: 1020-55.—Madrid, A. Grandes indicaciones de la piretoterapia en la blenorragia y en las metritis. Rev. mex. cir., 1939, 7: 509-12.—Mann, A. I. Present-day treatment of gonorrhoea with fever therapy. Am. J. Syph., 1940, 24: 743.—Maraspin, G. La piretoterapia nella gonoreea cronica femminile. Gazz. internaz. med. chir., 1934, 42: 33, diag. ——— Esperienze e considerazioni sulla piretoterapia nelle affezioni gonococciche semplici e complicate dell'uomo e della donna. Gazz. osp., 1937, 58: 295-7.—Milnor, G. C. The treatment of gonorrhoea in the female by fever therapy produced by physical means. Proc. Clinic. Honolulu, 1936, 2: No. 12, 1-4.—Mulzer, P., & Keining, E. Die maximale Fiebertherapie bei Infektionskrankheiten; die Anwendung des Verfahrens bei Gonorrhoe. Deut. med. Wschr., 1931, 57: 181-5.—Owens, C. A. The value of fever therapy for gonorrhoea. J. Am. M. Ass., 1936, 107: 1942-6.—Wright, W. D., & Lewis, M. D. The value of fever therapy in sulfanilamide-resistant gonorrhoea. J. Urol., Balt., 1938, 40: 847-53.—Parsons, E. H., Bowman, P. N., & Plummer, D. E. Artificial fever therapy of gonorrhoea in the male; a comparative study. J. Am. M. Ass., 1937, 109: 18-20. Also Fever Ther., N. Y., 1937, 173.—Pawlas, T. [Fever as auxiliary treatment in gonorrhoea] Polska gaz. lek., 1932, 12: 309-13.—Purcell, H. M. Hyperpyrexia in the treatment of gonorrhoea. Urol. Cut. Rev., 1938, 42: 181.—Randall, L. M., Krusen, F. H., & Bannick, E. G. A consideration of artificial fever therapy and sulfanilamide therapy in the treatment of gonorrhoeal infections of women. Am. J. Obst., 1938, 36: 230-8.—Rapaport, S. G. [Treatment of gonorrhoea by high temperature; pyrotherapy, hyperthermia] Vrach. delo, 1939, 21: 185.—Stuhler, L. G., & Popp, W. C. Gonococcal infections treated by hyperpyrexia; report of 100 cases. Urol. Cut. Rev., 1936, 40: 639-42.—Trautman, J. A., Stroupe, H. V., & Devlin, D. J. Fever therapy in gonococcal infections. Hosp. News, Wash., 1937, 4: No. 12, 17-29. Also Fever Ther., N. Y., 1937, 175-7. Also Am. J. Syph., 1938, 22: 48-54.—Valerio, A. Elektropyrexie und Phosphorsäure. Deut. med. Wschr., 1937, 63: 1768. ——— Diathermo-pyrexia in chronic gonococcal infections. Fever Ther., N. Y., 1937, 164.—Vassiliadis, H. C. Fever treatment of gonorrhoea. Chin. M. J., 1938, 54: 454-63.—Warren, S. L., Scott, W. W., & Carpenter, C. M. Artificially induced fever for the treatment of gonococcal infections in the male. J. Am. M. Ass., 1937, 109: 1430-5.—Warren, S. L., & Wilson, K. M. The treatment of gonococcal infections by artificial (general) hyperthermia. Tr. Am. Gyn. Soc., 1933, 57: 312-20. Also Am. J. Obst., 1932, 24: 592.—Wendberger, J. Zur Fieberbehandlung der weiblichen Gonorrhoe. Derm. Zschr., 1936, 74: 70-8.—Wollnitz, E. Fieberbehandlung bei Frauen-Gonorrhoe. Derm. Wschr., 1935, 100: 201-4.

— Treatment: Fever: Effect.

Belt, A. E., & Folkenburg, A. W. The incidence of cure in gonococcal infections subjected to one hyperpyrexia treatment of 10 hours' duration at 106.8° F., 41.5° C. Fever Ther., N. Y., 1937, 171.—Carpenter, C. M., Boak, R. A. [et al.] The thermal death time of Neisseria gonorrhoea in vitro with special reference to fever temperatures. J. Lab. Clin. M., 1933, 18: 981-90.—Carpenter, C. M., & Warren, S. L. Motion picture in colors; the technique of isolating the gonococcus and of determining the thermal death time; the application of the thermal death time principle to the treatment of gonococcal infection by fever therapy. Tr. Am. Neisser. M. Soc., 1936, 2: 28-33.—Diakov, K. A. [Effect of high temperature of the body on gonorrhoea] Vener. derm., Moskva, 1931, 8: 41-53.—Elkins, E. C., & Krusen, F. H. Fever therapy in resistant gonorrhoea: with especial reference to its relationship to sulfanilamide therapy of gonorrhoea. Proc. Mayo Clin., 1938, 13: 299-303.—Jones, N., O'Hara, G. P., & Warren, S. L. Fever therapy for the treatment of gonococcal infection in sulfanilamide failures. Tr. Am. Neisser. M. Soc., 1939, 5: 150-60.—Keyes, H. Die Vitamin-C-Belastung bei gonorrhoeischen Komplikationen und in der Fieberbehandlung mit besonderer Berücksichtigung der physikalischen Hyperthermie. Derm. Wschr., 1938, 107: 1333-40.—Lewis, M. D., & Gunderson, M. F. The effect of artificial fever on the blood sulfanilamide level in rabbits. Arch. Phys. Ther., 1939, 20: 432-6.—Newman, M. K., & Berris, J. M. Artificial fever therapy; effect on gonococcal infections. Physiother. Rev., 1937, 17: 139-41.—Warren, S. L. The thermal death time theory tested in 100 cases of gonococcal infections at 41.5° C., 106.7° F. Fever Ther., N. Y., 1937, 162. ——— Carpenter, C. M., & Boak, R. A. The basic principles for the cure of gonococcal infections by a single fever treatment. Abstr. Papers Fever Conf., 1935, 5: 5-7. ——— A correlation of the in vitro thermal death time of the gonococcus with the duration of the artificial fever in the treatment of gonococcal infections. J. Clin. Invest., 1935, 14: 700.

— Treatment: Fever: Malaria.

BEHADORI, H. *La malaria dans le traitement de la blennorrhagie. 36p. 8°. Lausanne, 1936.

BERGGREEN, P. [C.] *Fünf Jahre Malariabehandlung chronischer Gonorrhoe. 11p. 8°. [Berl., 1934]

Also Derm. Wschr., 1933, 97: 1603.

BRUNS, I. *Zur Malariatherapie bei Gonorrhoe. 15p. 8°. Münch., 1931.

JECKELN, E. *Der Einfluss der Impfmalaria auf den Verlauf der Gonorrhoe. 30p. 8°. Münch., 1927.

SCHMIDLA, W. [E. P.] *Ueber die Bewertung der Malaria-Therapie der Gonorrhoe an Hand der bisherigen Veröffentlichungen und auf Grund der Erfahrungen an der Universitäts-Hautklinik Rostock. 31p. 8°. Rostock, 1931.

WERNER, M. *Ueber den Wert der Malariabehandlung der chronischen Gonorrhoe [Berlin] 27p. 21½cm. Urach (Württbg.) 1938.

Beyer, F. Gonorrhoebehandlung mit Malaria. Med. Klin., Berl., 1928, 24: 619-22.—Brücker, K. Erfahrungen und Ergebnisse mit der Malariabehandlung der Frauengonorrhoe. Derm. Wschr., 1938, 106: 153-63.—Buschke, A., & Kaufmann, E. Erfahrungen mit der Malariabehandlung. Med. Welt, 1930, 4: 637.—Fabian, A. [Malaria therapy in complicated gonorrhea] Cesk. dermat., 1930, 11: 171-8.—Grünwald, H. Ergebnisse einer 11jährigen Malariatherapie bei der Gonorrhoe. Derm. Wschr., 1939, 108: 177-88.—Heuck, W. Zur Behandlung schwer zu heilender Gonorrhöen unter besonderer Berücksichtigung der Malaria-Behandlung der Gonorrhöen. Arch. Derm. Syph., Berl., 1928, 155: 162-70. Also Derm. Zschr., 1928, 53: 756-67.—Hofmann, M. Beobachtungen von Gonorrhöeheilungen bei Impfmalaria. Ibid., 1926, 49: 357-60.—Lenzmann, R. Ueber Behandlung der chronischen Gonorrhoe durch Malariäübertragung. Deut. med. Wschr., 1926, 52: 1608-10.—Lépinay & Pierson. Echec de la malariathérapie dans un cas de blennorrhagie récidivante. Ann. mal. vénér., 1935, 30: 675.—Marras, A. Malaria spontanea e inoculata nel decorso dell'infezione blenorragica. Gior. ital. dermat. sif., 1932, 73: 371-3. — Esiste un antagonismo fra malaria e blenorragia? Atti Soc. sc. med. natur. Cagliari, 1933, 35: 48-62.—Mirakiantz, E. I. [Effect of malaria on gonorrhea] Ned. tsehr. geneesk., 1933, 77: 304-8.—Mucha, V., & Rieger, O. Zur Malaria-Behandlung der Gonorrhoe. Wien. klin. Wschr., 1933, 46: 713-5.—Nast, O., & Riehe, W. Augenblickliches Urteil über die Behandlung der weiblichen Gonorrhöe durch Impfmalaria. Derm. Zschr., 1930-31, 60: 427-37.—Rau, H. Behandlung der Gonorrhoe im Kindesalter mit Impfmalaria. Zschr. Kinderh., 1930, 50: 121-4.—Rudy, H., & Vonkennel, J. Untersuchung über den Aminostickstoff im Plasma und Liquor bei luesfreien Gonorrhöikern während der Impfmalaria. Zschr. ges. Neur. Psychiat., 1932, 140: 197-200.—Sakurai, T. Ueber den therapeutischen Wert der künstlichen Malaria-impfbehandlung der Gonorrhoe und die wesentliche Lehre derselben. Bull. Nav. M. Ass., Tokyo, 1937, 26: No. 10, 2.—Spiethoff, B. Die Behandlung der Gonorrhoe mit Malaria und Saprovitan. Münch. med. Wschr., 1927, 74: 959. — Die Malariabehandlung bei der akuten und chronischen Gonorrhoe. Ibid., 1933.—Vanik, V. [Malaria treatment of gonorrhea in women] Magy. orv. nagyhét jegyzöke, 1931, 217. Also Derm. Wschr., 1936, 12: 13-9.—Werther, J., & Köster, H. Fünfhundert und zehn mit Impfmalaria behandelte Gonorrhöefälle. Ibid., 1931, 93: 1893-9.

— Treatment: Fever: Pyretogenic agents [Foreign protein, non-specific vaccine &c.]

BACKMANN [A.] M. [geb. BRUCH] *Die unspezifische Fieberbehandlung der chronischen Gonorrhoe mit besonderer Berücksichtigung von Pyrif. 27p. 8°. Münch., 1930.

BLEISTEIN, A. *Sind mit Pyrifir dieselben Erfolge bei der Behandlung der Gonorrhoe zu erzielen wie mit der Malariäüberimpfung? Erfahrungen aus den Jahren 1927 bis 1934 an der Universitäts-Hautklinik in München [München] 23p. 8°. Bottrop, 1935.

CORDES, T. *Beitrag zur Pyrifirtherapie der weiblichen Gonorrhoe [Jena] 18p. 8°. Würzb., 1932.

IHM, M. *Die Malaria- und Pyrifirbehandlung der Gonorrhöe mit Berücksichtigung der therapeutischen Ergebnisse der Dermatologischen Universitätsklinik München. 14p. 8°. Münch., 1933.

KOEPP, C. E. *Treatment of gonorrhea by induced fever with the Kettering hypertherm [Milwaukee Co. General Hosp.] 20 l. 28cm. Wauwatosa, 1939.

KURASCH, H. C. *Ueber Beeinflussung unkomplizierter Genitalgonorrhoe mit Milchinjektionen im Sinne der Reizkörpertherapie. 36p. 8°. Gött., 1930.

LIEBMANN [K.] G. *Erfahrungen mit der Pyrifir-Behandlung der Gonorrhoe. 25p. 8°. Halle a. S., 1932.

SCHUMANN [L. H.] W. *Proteinkörpertherapie bei akuter männlicher Gonorrhoe; ein praktischer Beitrag. 27p. 8°. Berl., 1926.

VOGT, F. *Ueber die Fieberbehandlung der Gonorrhoe mit Malaria und Pyrifir. 18p. 8°. Tüb., 1933.

Bartley, A. H. T. A. B. vaccine for gonorrhoea. Lancet, Lond., 1935, 2: 743.—Batunin, M., Veinstein, A., & Derzhinsky, G. [Treatment of gonorrhea in men and women with inoculations of European relapsing fever] Vencr. dermat., Moskva, 1929, 6: 49-53. Also Derm. Wschr., 1929, 89: 1518-23.—Bauer, K. Ueber Gonorrhöebehandlung mit Pyrifir. Ibid., 1931, 93: 1968-72.—Bürngen, H. Milcheiftherapie bei der Gonorrhoe des Weibes. Derm. Zschr., 1928, 54: 252-4.—Buschke, A., & Casper, W. Experimentelle Untersuchungen über die Wirksamkeit der Milch bei Gonokokkeninfektionen. Klin. Wschr., 1933, 12: 1611-3.—Cardozo-Legende, P. Proteinothérapie da blenorragia. Fol. med., Rio, 1928, 9: 309.—Frenkel, L. [Treatment of gonorrheal complications with turpentine preparations] Gyógyászat, 1930, 69: 250-3.—Gaudy, J., & Quintard. Le lait dans les affections gonococciques. J. méd. Paris, 1930, 50: 1009.—Hänel, J. Die Behandlung des Trippers bei Frauen mit Pyrifir. Derm. Zschr., 1930-31, 60: 404-10.—Halphen, A., Auclair, J., & Dreyfus, R. La pyréthérapie par ondes courtes dans les affections gonococciques. Bull. Soc. d'ur., 1938, 261-5. Also J. urol. méd., Par., 1938, 46: 372-6.—Herzog, A. Olobintin in der Venerologie. Med. Klin., Berl., 1933, 29: 851.—Janson, P. Neuere Beobachtungen bei der Pyrifirtherapie der Gonorrhoe, zugleich Versuch einer neuen Gonorrhöebehandlung. Aerztl. Rdsch., 1933, 43: 302.—Jausion, H. A propos de l'auto-curothérapie. J. urol. méd., Par., 1934, 38: 335-7.—Larkam, E. T. T. A. B. vaccine in gonorrhea. Brit. M. J., 1940, 2: 68.—Loeb, H. Intensive Milcheiftherapie der Gonorrhoe beim Manne. Fortsch. Ther., 1931, 7: 564-8.—Leites, L. R., Litvak, L. J., & Motornov, I. A. [Treatment of gonorrhea complications with injections of milk and vaccine] Odess. med. J., 1930, 5: 307-12.—Lichter, A. Intensive Milcheiftherapie der weiblichen Gonorrhoe. Fortsch. Ther., 1932, 8: 374-7.—Loi, V. La sulfopiriferotherapie nella infezione blenorragica. Gior. ital. dermat. sif., 1934, 75: suppl. 203.—McMillan, L. D. The intravenous use of triple typhoid vaccine in gonorrheal infections. J. Michigan M. Soc., 1933, 32: 365-8.—Mainzer, F. S. Gonorrhea; including treatment with foreign protein. Med. Rev. of Rev., 1935, 41: 296-304.—Matthies, H. Die Behandlung des Trippers mit 40% igem Olobintinöl. Derm. Wschr., 1938, 106: 689-93.—Mulzer, P. Die maximale Vaccinefiebertherapie bei gonorrhöischen Komplikationen. Med. Welt, 1937, 11: 854-6.—Nittis, S. Pyretotherapy in the treatment of gonorrhea by inducing aseptic abscess. N. England J. M., 1928, 199: 1041-6.—Nukuda, S., & Yoshii, T. Ueber die Einflüsse einer minimalen Menge von Heterobakterien auf das Fieber durch Gonokokken. Zschr. Immunforsch., 1938, 93: 12-7.—Pechnikov, J. D. [Fluctuations of the fixation of the complement in protein therapy for gonorrhea] Kazan. med. J., 1926, 22: 429-36.—Radó, B. Ueber die parenterale Schwefeltherapie bei gonorrhöischen Komplikationen. Zschr. Urol., 1927, 21: 580-4.—Rheinländer, R. Ueber die Behandlung der männlichen komplizierten Gonorrhoe mit besonderer Berücksichtigung von Pyrifir. Derm. Zschr., 1934, 69: 140-8.—Schultze-Wolters, G. Die Behandlung resistenter Fälle von weiblicher Gonorrhoe mit kombinierten Pyrifir- und Trypaflavininjektionen. Ibid., 1932-33, 65: 228-39.—Speierer, C. Die unspezifische Behandlung der Gonorrhoe mit Pyrifir. Derm. Wschr., 1931, 92: 13-7.—Sulyak, I. [Protein therapy of the female gonorrhea] Gyógyászat, 1932, 72: 702-5.—Surmont, J. Pyréthérapie physique des affections gonococciques. Médecine, Par., 1938, 19: 453-7.—Tarantelli, E. Il gineale nella cura di alcune complicazioni blenorragiche (contributo di osservazioni sulla proteinothérapie della blenorragia) Dermosifilografia, 1926, 1: 393-6.—Thomé, J. Heilerfolge durch 40% iges Olobintin bei Gonorrhoe. Derm. Wschr., 1938, 106: 433-8.—Vanik, V. Die Fieberbehandlung der weiblichen Gonorrhoe mittels Pyrifir. Schweiz. med. Wschr., 1936, 66: 646.

— Treatment: Hormones.

See also subheading Vulva and vagina.
Dobszay, L., & Várady, M. [Hormone treatment of gonorrhea in children] Orv. hetil., 1940, 84: 78.—Falchi, G. Considerazioni sulla terapia con ormone follicolare della blenorragia delle bambine. Athena, Roma, 1937, 6: 270.—Handley, F. Use of adrenal in the treatment of gonorrhea in the male. Hosp. News, Wash., 1939, 6: No. 2, 15-8.—Marzollo. Contributo allo studio della terapia con la follicolina della gonorrhea delle bambine. Gior. ital. dermat. sif., 1936, 77: Suppl., 233.—Romanowa, J. [Hormonal treatment of gonorrhea in girls] Przegł. dermat., Warsz., 1937, 32: 405-16.—Schmidt-La Baume, F., & Brüllinger, G. Ueber die Behandlung der kindlichen und weiblichen Gonorrhoe mit Follikelhormon. Derm. Wschr., 1936, 103: 1249-54.—Toegel. Follikelbehandlung der kindlichen Gonorrhoe. Derm. Zschr., 1937, 75: 192-203.—Treger,

J. [Hormonal therapy of gonorrhea in adults] Bratisl. lek. listy, 1937, 17: 719-28.

Treatment: Immunotherapy.

See Gonorrhea, Immunization.

Treatment: Instruments.

Appareil pour l'insufflation des poudres médicamenteuses dans les cas de blennorrhée. J. chim. méd., Par., 1866, 5. sér., 2: 430-2.—**Badrian**. Ein neuer, elastischer und regulierbarer Harnröhrenverschluss zur ambulanten Behandlung bei männlicher Gonorrhoe. Derm. Wschr., 1929, 88: 721.—**Boesmann & Schroahn**. Ein neues Instrumentarium zur Behandlung der Gonorrhoe. Med. Welt, 1927, 1: 137-9.—**Bruck, C.** Spülspritze statt Injektionsspritze für die männliche Gonorrhoebehandlung. Deut. med. Wschr., 1930, 56: 229.—**Corrêa da Costa, C.** Novo aparelho para o tratamento local das afecções genitais blennorrhagias da mulher. Rev. gyn. obst., Rio, 1932, 26: 467-72.—**Fleischmann, F.** Oros, ein brauchbares Spritzbesteck zur ambulanten Behandlung des Trippers beim Manne. Med. Klin., Berl., 1934, 30: 205.—**Freund, E.** Modellversuch über den Wert des Janetschen Rücklaufspülers. Derm. Wschr., 1937, 104: 647-9.—**Gingar, A.** Instrumentelle Behandlung des Trippers beim Manne. In Haut Geschlkr. (Arzt & Zieler) Berl., 1934, 5: 233-50.—**Grodzensky, I.** Einige Erfahrungen mit dem Gono-Jonthophor nach Dr Richter bei der Behandlung der weiblichen Gonorrhoe. Fortsch. Ther., 1927, 3: 697.—**Hoffmann, C. A.** Eine einfache Elektrode zur Diathermiebehandlung der weiblichen Vervix. Derm. Wschr., 1927, 85: 1058.—**Jakala, S.** Sanitary device. U. S. Patent Off., 1934, No. 1,982,520.—**Kothary, B. M.** Bougies treatment in gonorrhoea. Ind. J. Vener. Dis., 1937, 3: 38.—**Manzon, S.** [Simple apparatus, allowing one-armed patients with gonorrhoea the use of Tarnowski's syringe] Polska gaz. lek., 1930, 9: 572.—**Marselos, V.** Vaginal-Elektrode für Diathermie. Zschr. Urol., 1926, 20: 613.—**Poska, A.** A simple device for treating cervical gonorrhoea. Northwest M., 1926, 25: 323.—**Salgó, I.** Die chemisch-instrumentelle Behandlung der Harnröhrengonorrhoe mittels Dr Salgó's Knopfspülsonde. Derm. Wschr., 1933, 96: 400-2.—**Ueber Behandlung akuter und chronischer Gonorrhöen und nicht-gonorrhöischer Urethritiden mittels der Knopfspülsonde nach Dr Salgó (Veliki Bečkerek)** Wien. med. Wschr., 1934, 84: 436-8.—**Schönfeld, W.** Von der Entwicklung der Tripperspritze. Derm. Wschr., 1936, 102: 349-52.—**Sinkov, S. J.** Protective shield for urethral and urethro-vesical irrigation. Urol. Cut. Rev., 1926, 30: 585.

Treatment: Iodine.

SPIES, H. *Jodtrichlorid in der Behandlung der männlichen Gonorrhoe [Frankfurt a. M.] 24p. 8°. Gütersloh, 1934.

Klohn, O. Jodbehandlung von Epididymitis, gonorrhöischen Gelenkentzündungen und Drüsenentzündungen. Med. Welt, 1930, 4: 847.—**Mason-Hohl, E.** Water soluble iodine in the treatment of gonorrhoea in the female. Med. Woman J., 1939, 46: 239.—**Rousseau, J.** Les blennorrhagies chroniques et leur traitement par les solutions aqueuses d'iode naissant. Rev. gén. clin. théor., 1931, 45: 485-7.—**Samberger, F.** Behandlung der Gonorrhoe mit homöopathischen Dosen von Jod. Derm. Wschr., 1932, 94: 353-8.—**Spunberg, D.** El yodo coloidal en el tratamiento de la blenorragia. Dia méd., B. Air., 1936, 8: 362; 365.

Treatment: Mercurials.

WURZEL, H. *Le mercurochrome dans le traitement de la blennorrhagie chez l'homme et sa valeur comparative avec d'autres antiseptiques. 20p. 23cm. Genève, 1937.

Barringer, E. D. Gonorrhea in the female; a study of 25 cases treated with mercurochrome and a control series of 25 cases treated by other medication. Lond. Island M. J., 1926, 20: 210-5.—**Bierman, W.** The relative value of mercurochrome and protargol. Ibid., 412-4.—**Chargin, L., Seckel, W., & Stone, A.** Acute gonorrhea; a comparative study of cases treated with mercurochrome and protargol. Ibid., 244-50.—**Coppridge, W. M.** Mercurochrome-glucose solution in the treatment of gonorrheal infections. South. M. & S., 1927, 89: 616-8.—**Motz, C.** Le mercurochrome dans le traitement de la blennorrhagie chez l'homme et sa valeur comparative avec les autres antiseptiques. J. urol. méd., Par., 1933, 36: 380-7.—**Naumann, H. E.** Die Behandlung der Gonorrhoe mit Mercurochrom. Arch. Derm. Syph., Berl., 1929, 158: 715.—**Okoniewski, S.** [Are there indications for treatment of acute gonorrhea with mercurial preparations?] Med. prakt., Poznán, 1932, 6: 184-90.—**Potter, J. E., & Redewill, F. H.** Mercurochrome-220 soluble, foreign protein, and sugar in the treatment of 200 cases of gonorrheal urethritis and complications, with animal experimentation. U. S. Nav. M. Bull., 1926, 24: 279-97, ch. — & **Garrison, H. A.** Mercurochrome 220-soluble and sugar in the treatment of 1,200 cases of gonorrheal urethritis and complications (with animal experimentation) J.

Urol., Balt., 1926, 16: 397-410. — Treatment of gonorrheal infections with mercurochrome and glucose intravenously. Ibid., 1929, 22: 705-16. Also repr. Also Med. Press & Circ., Lond., 1930, 129: 155-8.—**Statham, R. S. S.** Treatment of gonorrhoea in women by swabbing with mercurochrome and flavine. Brit. M. J., 1928, 1: 544. — Treatment of gonorrhoea in women by mercurochrome, with special reference to complications; a further report. Ibid., 1934, 1: 607-9.

Treatment: Methods.

BAYER, H. [G. A.] *Vergleichende Untersuchungen über poliklinische Erfahrungen mit verschiedenen Injektionsmitteln bei Gonorrhoe. 20p. 8°. Berl., 1933.

BRINCK, G. *Pioterapia antigonocócica [Univ. Chile] 31p. 8°. Santiago, 1925.

FRANCK, G. Acquisitions nouvelles dans le domaine de la blennorrhagie. 3. sér.: Les 2 doctrines en présence. 119p. 20½cm. Par., 1937.

MEYENBERG, A. Wesen und Heilung der Gonorrhoe dargestellt im Zusammenhang mit einem verbesserten Heilverfahren. 89p. 8°. Berl., 1921.

PEÑA, R. R. *Consideraciones sobre gonorrrea y autohemoterapia en algunas complicaciones blenorragicas [Univ. Chile] 108p. 8°. Santiago, 1925.

SALAMON, A. *Les tendances actuelles du traitement de la blennorrhagie masculine non compliquée; pyrétothérapie régionale par ondes courtes, chimiothérapie soufrée et leur association. 51p. 24cm. Par., 1939.

VOGLER, O. *Erfahrungen über die parenterale Schwefeltherapie nach Bory bei der Gonorrhoe. 25p. 8°. Zür., 1299.

Ballenger, E. G., Elder, O. F., & McDonald, H. P. Sulfanilamide and thermotherapy in gonococcal infections. J. Am. M. Ass., 1937, 109: 1037.—**Barabino, A. S.** Tratamiento actual de la blenorragia. Rev. As. méd. argent., 1928, 41: 159-83.—**Barber, W.** The modern treatment of gonorrhoea. Clin. J. Lond., 1940, 69: 41-4.—**Beirach, I. S., & Luckhina, E. P.** [Novocain block in the clinical aspect of gonorrhea in men] Urologia, Moskva, 1937, 14: 56-61.—**Bickel, B.** What are some of the present methods of treating gonorrhea? Internat. Clin., 1929, 39, ser., 2: 292.—**Bognár, T.** [Intravenous therapy of gonorrhea] Gyógyászat, 1934, 74: 382.—**Brown, R. A.** Non-specific therapy in gonococcal infection. J. R. Nav. M. Serv., 1929, 15: 90-3.—**Bruck, C.** Technisches zur männlichen Gonorrhoeotherapie. Deut. med. Wschr., 1931, 57: 15. — Zur Behandlung der männlichen Gonorrhoe mit Massageinjektionen (Blenomil) Münch. med. Wschr., 1935, 82: 1610-2.—**Brunet, W. M., & Seltzer, S.** The treatment of gonorrhea in the male; a discussion of modern methods of treatment. Am. J. Syph., 1936, 20: 487-91.—**Bussmann, R.** Die Behandlung der akuten Gonorrhoe unter Berücksichtigung psychischer Idiosyncrasien. Zschr. ärztl. Fortbild., 1928, 25: 114.—**Caletti, G.** Immuno-chemioterapia della blenorragia e sue complicanze. Ann. med. nav., Roma, 1939, 45: 439-44.—**Carle, M.** Le choix d'un traitement dans la blennorrhagie. Bruxelles méd., 1935-36, 16: 567-9.—**Cattaneo, L.** Il citrosil nelle affezioni gonococciche dei genitali femminili. Pensiero med., 1938, 27: 48-54.—**Chalet.** Une organisation pratique de traitement de la blennorrhagie. Bull. méd., Par., 1925, 39: 1320-2.—**Cheetham, J. G.** Newer concepts in the therapy of gonorrhea; tri-phasic treatment by combination of local therapy, sulfanilamide and hyperpyrexia. Tr. West. Soc. Am. Urol. Ass., 1938, 7: 134. — & **Roemer, T. J.** Recent advances in treatment of gonorrhea and its complications. Northwest M., 1937, 36: 371-6.—**Clements, P. A.** A new method for the management of gonorrhoea. Brit. J. Vener. Dis., 1933, 9: 147-58.—**David, C.** Quelques nouveaux traitements de la blenorragie. Gaz. hôp., 1927, 100: 381-5.—**Dietel, F.** Kurze Mitteilung über interne Gonorrhöebehandlung. Deut. med. Wschr., 1937, 63: 1910.—**Duray.** Procédé nouveau pour le traitement de la blennorrhagie. Bruxelles méd., 1927-28, 8: 1650.—**Fabian, A.** [Osmotherapeutic experiments with grape sugar injections in gonorrhea] Bratisl. lek. listy, 1925, 5: 216-22.—**Fain, A. E.** [Simplified method in treatment of gonorrhea in men in villages] Vest. vener., 1937, 143.—**Feszler, G.** [Treatment of gonorrhea with neosanamid] Gyógyászat, 1938, 78: 757.—**Fischer, C.** Neue Wege in der Gonorrhöebehandlung. Fortsch. Ther., 1937, 13: 553-9.—**Föderl, V.** Ein neuer Weg der unspezifischen Gonorrhoeotherapie; über die Reinjektion von mit Ultraviolettlicht bestrahlten Eigenblut nach Havlicek bei unbeeinflussbaren Fällen von chronischer ascendierter Gonorrhoe des Weibes. Wien. klin. Wschr., 1938, 51: 528-32.—**Fowler, M. F.** Office treatment of gonorrhea. J. M. Ass. Georgia, 1933, 22: 425-30.—**Frei, W.** Einige moderne diagnostische und therapeutische

- Verfahren bei Gonorrhoe. Deut. med. Wschr., 1929, 55: 2035; 2097.—Fuhs, H. Moderne Therapie der männlichen Gonorrhoe. Wien. klin. Wschr., 1936, 49: 596-600.
- Intensivierte Behandlung der unkomplizierten Gonorrhoe der Genitalschleimhaut. Ibid., 1937, 50: 1323-6.—Fujimori, H., & Natsume, M. Experimental results with Hakulan, a preparation made upon the basis of foam treatment for fluor. Jap. J. Obst., 1936, 19: 83-9.—Genner, V. [Oral treatment of gonorrhoea] Ugeskr. laeger, 1932, 94: 967-9.—Ghosh, B. N., & Dey, A. C. U. S. T. in male gonorrhoea; a preliminary report. Ind. J. Vener. Dis., 1940, 6: 55-62.—Gonococcus infections; discussion of a new and important biological agent and its application. Ther. Notes, Det., 1934, 41: 350-5.—Grütz, O. Neue Grundlegung für die Gonorrhoebehandlung. Münch. med. Wschr., 1937, 84: 1201-5.—Gupta, N. R. Modern treatment of gonorrhoea and its complications in the male. Calcutta M. J., 1939, 35: 461-6.—Gurnee, W. S. Gonorrhoea in the adult; diagnosis; Elliott treatment and hyperpyrexia. Am. J. Surg., 1936, 33: 500-8.—Hammer, F. Die neuere Behandlung der Gonorrhoe. Aerztl. Rdsch., 1926, 36: 173-80.—Hargita, G. [Old and new treatment of gonorrhoea] Budapesti orv. ujs., 1939, 37: 513.—Hecht, H. Konstitution bei Gonorrhoe; milde Gonorrhoebehandlung. Derm. Wschr., 1929, 89: 1337-41.
- Traitement rapide de la blennorrhagie. Ann. mal. vénér., 1935, 30: 81-91.—Heuck, W. Neuere erfolgreiche Behandlungsmethoden harnäckiger Gonorrhoe. Med. Klin., Berl., 1937, 33: 1661.—Hopf, G. Ueber Behandlung der weiblichen Gonorrhoe mit Necaron. Derm. Wschr., 1930, 91: 1094-6.—Hubschmann, K. [Hemotherapy of gonorrhoea] Cesk. derm., 1938, 18: 12-8.—Hüllstrung, H. Ueber Lokalbehandlung der Gonorrhoe mit Zitronensaft. Derm. Wschr., 1937, 105: 1329-33.—Hugins, D. R. What is conservatism in the treatment of Neisserian infection? Am. J. Obst., 1932, 23: 187-94.—Huzly, I. [Treatment of gonorrhoea with pyralin] Gyógyászat, 1935, 75: 399.—Ingman, A. [Treatment of gonorrhoeal epididymitis and arthritis with intravenous injections of hemolyzed blood of the patient] Fin. läk. säll. hand., 1933, 75: 1051-66.—Jacome, A. A therapeutica unica na blennorrhagia aguda. Brasil med., 1939, 53: 891.—Jäger, R. Neue Wege zur Gonorrhoebehandlung durch Lebendgerbung. Derm. Wschr., 1934, 99: 1011-5.—Janet, J. Chimiothérapie blennorrhagique seule ou associée au traitement local. Ann. mal. vénér., 1939, 34: 359-64.—Jausion, H., Lenégre, J., & Pecker, A. Le traitement médical de la blennorrhagie. Arch. méd. pharm. mil., 1929, 91: 277-94.—Jeck, H. S. Present-day treatment of gonorrhoea in the male. J. Am. M. Ass., 1929, 93: 249-54. Also repr.—Keyes, E. L. Some phases of the treatment of gonorrhoea. N. England J. M., 1933, 209: 989-96.—Khatavner, A. I. [Combined method of treatment of gonorrhoea in women with streptocid, vaccine and lemon juice for local treatment] Sovet. vrach. J., 1939, 43: 347-54.—Kissmeyer, A. Une nouvelle orientation dans le traitement de la blennorrhagie. Acta path. microb. scand., 1938, Suppl. 37: 306-16.—Kumier, L. Neuere Gonorrhoeotherapie. Aerztl. Prax., Wien, 1938, 12: 72-8.—Lambkin, E. C. Recent investigations in the treatment of gonorrhoea. Proc. R. Soc. M., Lond., 1927-28, 21: Sect. War, 5-12.—Langer, E. Milde oder forcierte Gonorrhoebehandlung. Münch. med. Wschr., 1931, 78: 614-6.—Lepore, M. La terapia antiblenorrhagica secondo le moderne vedute. Gazz. osp., 1930, 51: 1491-501.—Lloyd, V. E. Recent advances in the treatment of gonorrhoea. Guy's Hosp. Gaz., Lond., 1938, 52: 505-9.—Löhe, H. Moderne Therapie der Gonorrhoe. Zschr. Urol., 1935, 29: 529-42.
- Schölzke, K., & Zürn, D. Neue Wege in der Gonorrhoebehandlung. Med. Klin., Berl., 1938, 34: 11-4.—Lubowe, I. I. The rational treatment of gonorrhoea and its complications. Med. World, 1936, 54: 511-6.—Mackinnon, D. J. Recent advances in treatment of gonorrhoea. Brit. M. J., 1940, 2: 448.—Management (The) of gonorrhoea in the male; procedures recommended by the American Neisserian Medical Society May 17, 1938. Vener. Dis. Inform., 1938, 19: 251-3.—Matras, A. Fortschritte in der Therapie der männlichen Gonorrhoe. Wien. med. Wschr., 1936, 86: 1214-9. Fortschritte in der Therapie der männlichen Gonorrhoe. Wien. klin. Wschr., 1937, 50: 1714. Moderne Therapie der Gonorrhoe. Ibid., 1938, 51: 1358-64.—Mauté, A. Que peut-on attendre actuellement d'une thérapeutique spécifique dans la blennorrhagie? Clinique, Par., 1925, 20: 92.—Meckel, M. Ueber die intrakutane Aolanbehandlung der weiblichen Gonorrhoe. Derm. Wschr., 1926, 82: 17-20.—Minder, G. [Intravenous glucose injections in gonorrhoea] Orv. hetil., 1927, 71: 370-2. Also Zschr. Urol., 1927, 21: 346-43.—Modern treatment of gonorrhoea. Ther. Notes, Det., 1935, 42: 181-9.—Montesano, V. Nuovi metodi di cura della blennorrhagia e delle sue complicanze. Policlinico, 1938, 45: sez. prat., 279-85.—Müller, B. Rektale Applikation des Gonosans gegen Gonorrhoe. Korbl. schweiz. Aerzte, 1905, 35: 777.—Neisserian medical society of Massachusetts; the treatment of gonorrhoea in the male; details of procedure. N. England J. M., 1937, 217: 213-18.—Ochsenius, K. Eine vereinfachte Blennorrhoebehandlung. Deut. med. Wschr., 1926, 52: 241.—Oelze, F. W. Andersartige Wege der Gonorrhoeotherapie. Klin. Wschr., 1926, 5: 417-9.—Oppenheim, E. Die Behandlung der weiblichen Gonorrhoe und des Fluor alb. mit einem neuen Mittel: Metricol. Fortsch. Ther., 1927, 3: 622.—Orsós, E. J. Zur Therapie der Gonorrhoe. Fortsch. Med., 1926, 44: 845-7.—Pelouze, P. S. Modern clinical management of gonorrhoea. J. Am. M. Ass., 1937, 108: 788-90. Also Vener. Dis. Inform., 1937, Suppl. No. 3, 29-34. Oral and medical treatment of gonorrhoea in the male. J. Am. M. Ass., 1940, 114: 1878-81.—Perl, H. Die Trockenbehandlung der Gonorrhoe des Mannes. Derm. Wschr., 1931, 93: 1595.—Philipsen, K. Kombinationsbehandlung gonorrhoeischer Komplikationen mit intravenösen Trypaflavininjektionen und Diathermie. Ibid., 1929, 89: 1916.—Pochmann, A. Ueber die Behandlung der chronischen Gonorrhoe mit Aetzsalbe. Münch. med. Wschr., 1937, 84: 1408-10.—Pomeroy, E. S. A contribution to the treatment of gonorrhoea in the male. Med. J. & Rec., 1933, 138: 99.—Pop, L., & Schulz, T. [Combined treatment of gonorrhoeal complications with trypaflavine (acridine dye) and Cantacuzene's antigonococcal vaccine] Cluj. med., 1929, 10: 481-4.—Randall, L. M., Krusen, F. H., & Bannick, E. G. A consideration of artificial fever therapy and sulfanilamide therapy in the treatment of gonorrhoeal infections of women. Collect. Papers Mayo Clin., 1937, 29: 352-9.—Riccio, F. Sui nuovi metodi di cura della blennorrhagia. Rinsce. med., 1935, 12: 498.—Rivelloni, G. Il metodo di Maisler nella cura della gonorrhoe acuta e cronica. Gior. med. Alto Adige, 1931, 3: 75-85.—Robert, H. Ueber aktuelle oder rationelle Mittel und Methoden im Kampf gegen die Gonorrhoe. Deut. Militärarzt, 1939, 4: 534. Rationelle Bekämpfung und Behandlung der Gonorrhoe. Fortsch. Med., 1940, 58: 49-55.—Roth, L. J. Rationalizing the treatment of gonorrhoea in the male. Ohio M. J., 1929, 25: 547-9.—St Jacques, E. Intravenous carbon in gonorrhoeal complications, acute prostatitis and epididymitis. Urol. Cut. Rev., 1938, 42: 644-7.—Schubert, M. Grundlagen neuerzeitlicher Gonorrhoe-Behandlung. Zschr. Urol., 1935, 29: 817-26.—Sinovich, I. M., & Pliutach, N. N. [Investigation of the treatment of gonorrhoea in men with white streptocide, combined with Janet's method] Vest. vener., 1939, No. 6, 30.—Sokolsky, S. L. [Experimental use of acidophil milk in treatment of acute gonorrhoea in men] Vrach. delo, 1936, 19: 167-70.—Spanier, F. Rationelle Gonorrhoe-Behandlung. Schweiz. med. Wschr., 1936, 66: 805.—Sprague, S. Modern treatment of acute gonorrhoea. Rhode Island M. J., 1931, 14: 55-8.—Stein, R. O. Die moderne Therapie der männlichen unkomplizierten Gonorrhoe. Wien. med. Wschr., 1928, 78: 567-70. Also Mitt. Volksgesundh., Wien, 1929, Aerztl. Prax., 87.—Stockwell, A. L. The old and the new in management of male gonorrhoea; a clinical review. J. Missouri M. Ass., 1935, 32: 387-92.—Stümpeke, G. Einiges zur Behandlung der männlichen Gonorrhoe. Derm. Wschr., 1934, 99: 1497-502.—Sylvestre, L. Tratamiento actual de la blenorragia en el hombre. Acción méd., B. Air., 1940, 10: 645. Méthodes actuelles de traitement de la blennorrhagie chez l'homme. Union méd. Canada, 1940, 69: 382-6.—Szczodrowski, H. [The treatment of gonorrhoea in men, with acridine and intravenous injections of pyrocatechin] Lek. wojsk., 1928, 11: 410.—Szentkirályi, Z. [Paraamidobenzol preparations and the treatment of prostates] Népegészség., 1939, 20: 990-8.—Taddei, P. Nuova maniera di curare la blennorrhagia, blennorrea, leucorrea, cistiorrea ed altri flussi mucosi in tutti i loro rispettivi stadi. Mem. mod. contemp. Venez., 1847, 17: 511-8.—Tansard, A. Traitement de la blennorrhagie par l'association de la chimiothérapie et de la protéinothérapie. Presse méd., 1927, 35: 1589-91.—Tischer, H. Ueber eine neue, zur raschen Ausscheidung führende Behandlungsmethode der akuten und chronischen nicht komplizierten Gonorrhoe des Mannes. Derm. Wschr., 1933, 97: 1263-9.—Treger, J. [Therapeutic experiments in gonorrhoea] Bratisl. lek. listy, 1933, 13: 505-11.—Uteau, R. Note sur le traitement local de la gonorrhée avec le jus de citron. J. urol. méd., Par., 1938, 45: 234.—Valerio, A. Une nouvelle technique pour le traitement de certains blennorrhagies et gonococciques. Rev. sudamér. méd., Par., 1931, 2: 604-7.—Varela, E. Las inyecciones de leche yodada en los padecimientos gonocócicos del aparato genital femenino. Gac. méd. México, 1936, 66: 229-33.—Walther, H. W. E. Modern treatment of gonorrhoea. N. Orleans M. & S. J., 1928-29, 81: 199-205.—Wanderer, E. Ein Beitrag zur Behandlung der Gonorrhoe. Wien. med. Wschr., 1938, 88: 502.—Waugh, J. R. Methods of treatment of gonorrhoea used at the United States Marine Hospital, Hudson Street, New York City. Vener. Dis. Inform., 1929, 10: 289-93.—White, C., & Winter, H. G. Recent advances in the treatment of gonorrhoea. J. R. Army M. Corps, 1929, 53: 250-61.—Winkler, H. Wirtschaftliche Gonorrhoebehandlung. Zschr. Urol., 1935, 29: 376-82.—Wittenberg, J. A note on the action of alcohol in gonococcal infections. Med. Rec., N. Y., 1936, 144: 463; 467.—Wohl, M. M. [Effect of various anti-gonorrhoeal injections] Gyógyászat, 1929, 68: 548-50.—Wolbarst, A. L. Progresos recientes en el tratamiento de la gonorrrea en el hombre. Bol. As. méd. Puerto Rico, 1933, 25: 481-8. Also repr.—The treatment of gonorrhoea in the male by American urologists. Med. J. & Rec., 1933, 137: 45-8. Also repr.—Wolfram, S. Die moderne Behandlung der männlichen Gonorrhoe. Wien. klin. Wschr., 1940, 53: 171-5.—Wollheim, J. L. Modern treatment of gonorrhoea. Med. Rec., N. Y., 1936, 143: 485-8.—Zaharov, V. V. [The treatment of gonorrhoea in children with Bacillus bulgaricus paste] Vrach. gaz., 1928, 32: 1248-55.—Zaigraev, M. A. [Gonorrhoea and surgery] Urologia, Moskva, 1935, 12: 92-5.—Zollschän, J. [Recent advances in treatment of gonorrhoea] Gyógyászat, 1935, 75: 716; 738. Also Zschr. urol. Chir., 1935-36, 41: 566-76.

Treatment: Physiotherapy.

ZEHNDER, M. *Behandlung der Gonorrhoe mit heissen Bädern [Zürich] 28p. 8°. Luzern, 1916.

ZITKE, E. *Röntgenbestrahlung bei Komplikationen der Gonorrhoe. 39p. 8° Bonn, 1930.

Belakhov, I. A., & Porudominsky, I. M. [Roentgenotherapy in gonorrheal complications] Sovet. vest. vener., 1934, 3: 159-63.—Gasquet, P. Traitement physiothérapique de la blennorrhagie génitale féminine. Arch. électr. méd., 1937, 45: 297-301.—Günsberger, D. Die Röntgenbehandlung genitaler Gonorrhoe-Komplikationen des Mannes. Fortsch. Ther., 1928, 4: 513.—Henry, C. M. Deep X-ray treatment of chronic gonorrheal infection in the female. Radiology, 1931, 16: 47-51.—Laqueur, A. Die physikalische Therapie der Komplikationen und Folgezustände der Gonorrhoe. Zschr. Urol., 1926, 20: 655-63.—Liberson, F. The X-ray treatment of gonorrheal complications in males. Radiology, 1932, 18: 758-62.—Maderia, C. La roentgenapia nelle complicanze gonococciche. Riforma med., 1930, 46: 49-53.—Metelnikov, B. P., & Davidov, V. A. [Roentgen treatment of acute gonorrhea in men] Sovet. vest. vener., 1934, 3: 820-22.—Monacelli, M. Terapia fisica dell'infezione gonococcica. Giorn. ital. derm. sif., 1932, 73: 386-443.—Nagell, H., & Noethling, W. Ueber die Aussichten einer Therapie der akuten Gonorrhoe mit Alphastrahlen. Klin. Wschr., 1937, 16: 921-3. Experimentelle Untersuchungen über die Aussichten einer Gonorrhoe-therapie mit Alphastrahlen. Strahlentherapie, 1937, 59: 119-40.—Neuschloss-Knüsel, K. Röntgentherapie der gonorrhoeischen Adnexitiden des Mannes. Rapp. Congr. internat. radiol., 1931, 3: Congr., 1042-7. Also Röntgenpraxis, 1931, 3: 1101.—Ried, O., & Wiedmann, A. Ueber die Behandlung gonorrhoischer Komplikationen mit ultravioletten bestrahlten Salzlösungen (Rieds U-Bäder). Med. Klin., Berl., 1934, 30: 1034-6.—Samek, J. Zur Röntgentherapie der männlichen Gonorrhoe. Strahlentherapie, 1930, 36: 188-92.—Secchi, E. Azione dei raggi ultravioletti sul gonococco e sui saprofiti uretrali. Riforma med., 1931, 47: 1221-7.—Strebel, H. Die Behandlung der chronischen Gonorrhoe mittels Glühlicht. Rapp. Congr. internat. physiother., 1905, 1. Congr., No. 55, 1-10.—Vanik, V. [Provocative diathermy and roentgenotherapy in gonorrhea] Orv. hetil., 1931, 75: 61-3.—Zalutsky, G. K., & Zalutsky, L. E. [Physical methods in treatment of gonorrheal complications] Sovet. vest. vener., 1934, 3: 562-6.

— Treatment: Pyridium.

WEILL, H. *Ueber die Anwendung des Pyridiums bei Gonorrhoe [Frankfurt a. M.] 15p. 8° Berl., 1930.

Also Ther. Gegenwart, 1930, 71: 455-9.

Deakin, R. The efficacy of pyridium in gonococcal urethritis. J. Mississippi M. Ass., 1931, 28: 123-5.—Janson. Eine neue kombinierte Fieber- und intravenöse Farbstoff-(Pyridium-) Therapie der Gonorrhoe. Derm. Wschr., 1934, 98: 619-22.—Jausion, Schwartz [et al.] Le salicylate de pyridine dans l'infection gonococcique. Bull. Soc. méd. hôp. Paris, 1934, 3. ser., 50: 819-28.—Parenti, M. J. Treatment of gonorrhea with pyridium. Med. Rec., N. Y., 1937, 145: 259.

— Treatment: Results.

DUPUY, P. *Du traitement de la blennorrhagie masculine; variations et résultats. 36p. 24cm. Par., 1939.

GRUBER, F. [W.] *Katamnestische Erhebungen über Gonorrhoe aus dem Chemnitzer Stadt-krankenhaus [Leipzig] 38p. 23½cm. Zeulenroda i. Thür., 1937.

HENSEL, B. *Zehn Jahre Gonorrhoe-Behandlung. 39p. 8° Königsb. Pr., 1934.

LÖNING, H. [M. J.] *Die Gonorrhoe-therapie der weiblichen Urogenitalorgane: ihre Methoden und Erfolge in der Literatur der Jahre 1923-25 [Leipzig] 82p. 8° Lingen-Ems, 1934.

NIKOLOFF, T. *Beziehungen zwischen Lebensalter und Körpergewicht zu der Heilungsdauer der weiblichen Gonorrhoe. 18p. 8° Münch., 1927.

RECHENBERG, W. *Behandlungsergebnisse der weiblichen Gonorrhoe an der Würzburger Universitäts-Frauenklinik 1923-33 (15.5.1923-31.12.1933) [Würzburg] 32p. 8° Bleicherode a. H., 1936.

SELL, H. *Methoden und Erfolge bei der Behandlung der weiblichen Urogenitalgonorrhoe nach dem Schrifttum der Jahre 1925-32. 191p. 8° Würzb., 1935.

Barbellion, P. Blennorrhagie; spermoculture; vaccinothérapie; chimiothérapie étude critique. J. méd. Paris, 1933, 53: 690-3.—Bertoloty, R., & Herraiz, L. Valoración de algunas

medicaciones tóxicas en gonorrhea. Med. ibera, 1932, 26: pt 2, 1-7.—Brunet, W. M., Salberg, J. B., & Koch, R. A. The treatment of gonococcal infection in women; a comparison of the results with and without sulfanilamide therapy. N. England J. M., 1940, 223: 277-9.—Butler, W. W. S. Observations of 100 gonorrhea infections treated by recent methods. Virginia M. Month., 1938, 65: 140-3.—Chapin, G. S. Gonorrhea: treatment and its inadequacy; latent gonorrhea; common: gonococci acquired by new-born in nose, mouth, urethra and vagina, as well as eyes; gonococci seem to cause arthritis and rheumatism: are gonococci, like syphilis, passed on to third and fourth generations? Southwest. M., 1937, 21: 363.—Clarkson, E. R. T., & Dyer, W. S. An analysis of 400 consecutive cases of gonorrhea in the male; investigated and treated in the venereal section of the genito-urinary department of the London Hospital. Lancet, Lond., 1926, 1: 119-21.—Claudel. Histoire d'un gonococque rebelle. Ann. mal. vénér., 1940, 35: 47-9.—Davidov, A. V. [Experiments and progress in the treatment of gonorrhea] Vener. derm., Moskva, 1929, 6: 71-81.—Deakin, R., Wortman, M. [et al.] The analysis of therapy in male gonorrhea. J. Urol., Balt., 1939, 42: 874-9.—Favre, Gate, J. [et al.] Résultats thérapeutiques de la blennorrhagie chez la femme; province. Ann. mal. vénér., 1939, 34: 216-26.—Fernet, P., Durel, P. [et al.] Résultats thérapeutiques de la blennorrhagie chez la femme; Paris. Ibid., 211-5.—Fey & Barbellion. Statistique du traitement des blennorrhagies au Service Civile; Hôpital Lariboisière. Bull. Soc. fr. urol., 1939, 140. Also J. urol. méd., Par., 1939, 48: 54.—Fowler, M. F. The treatment of gonorrhea with summary of 1,000 cases. J. S. Carolina M. Ass., 1931, 27: 66-9.—Frank, W. Ergebnisse einer Statistik über 985 klinisch behandelte Fälle von Frauengonorrhoe. Arch. Frauenk., 1927, 13: 26-34.—Freire, M. A., & Valinoti, R. Nuestra experiencia actual en la terapéutica de la blenorragia femenina. Dia. méd., B. Air., 1939, 11: 1062-5.—Fronstein, R. M. [Achievements in treatment of gonorrhea in men] Vest. vener., 1937, 1071-5.—Greenberg, G. Present-day status of the treatment of gonorrhea in the male. Urol. Cut. Rev., 1932, 36: 509-15.—Grimaldi, F. E. El estado actual del tratamiento de la blenorragia. Rev. As. méd. argent., 1928, 41: 184-212.—Hagen. Mängel und Fortschritte der Gonorrhoebehandlung. Deut. med. Wschr., 1927, 53: 1856.—Hahn, F., & Vogt, F. W. Erfahrungen in der Behandlung der Gonorrhoe der Frau. Med. Welt, 1931, 5: 924.—Holmes, R. J., & Coplan, M. M. Management of acute gonorrheal infections; personal impressions acquired from 15 years' experience. J. Florida M. Ass., 1935-36, 22: 259-63.—Ito, S. Heilungskurve der männlichen Gonorrhoe. Okayama igakkai zasshi, 1938, 50: 1007.—Jacoby. Rapport. Ann. mal. vénér., 1938, 33: 306.—Johnen, K. Erfolge und Misserfolge in der Behandlung der weiblichen Gonorrhoe. Münch. med. Wschr., 1934, 81: 746-8.—Exitos y fracasos en el tratamiento de la gonorrhea femenina. Rev. méd. germ. ibero-amer., 1935, 8: 43-9.—Kissmeyer, A. [What are the results of local treatment of gonorrhea?] Ugeskr. læger, 1928, 90: 1051-5.—Kjellberg, G. Thirteen years' experience of consistent treatment of gonorrhea in women. Acta derm. vener., Stockh., 1932-33, 13: 457-70.—Koehler, H. Erfolge und Misserfolge bei der Behandlung von weiblichen Gonorrhoe-kranken. Ther. Gegenwart, 1936, 77: 309-13.—Koerner, J. Drei Jahre ambulante Gonorrhoebehandlung beim Weibe. Münch. med. Wschr., 1925, 72: 1694.—Lambkin, E. C. Recent investigations in the treatment of gonorrhea. J. R. Nav. M. Serv., 1929, 15: 243-52.—Langer, E. Der gegenwärtige Stand der Gonorrhoebehandlung beim Manne. Zschr. ärzt. Fortbild., 1932, 29: 177-9.—Milian, G. Résultats thérapeutiques dans la blennorrhagie de l'homme; Paris. Ann. mal. vénér., 1939, 34: 201-4.—Parnass, S. Some recent experiences in the treatment of gonorrhea. Med. J. & Rec., 1926, 123: 96-8. Also repr.—Parsons, R. P. Gonorrhea today. U. S. Nav. M. Bull., 1939, 37: 67-73.—Pautrier & Laugier. Résultats thérapeutiques dans la blennorrhagie de l'homme; province. Ann. mal. vénér., 1939, 34: 205-10.—Pelouze, P. S. Analysis of 283 treated cases of gonorrhea in the male. Vener. Dis. Inform., 1934, 15: 289-94.—Pervès. Résultats comparés de différents modes de traitement de la blennorrhagie employés à bord d'un croiseur pendant une période de 2 ans. Arch. méd. pharm. nav., 1939, 129: 248-75.—Saenger, H. Kritisches zur Gonorrhoebehandlung. Deut. med. Wschr., 1926, 52: 1718.—Schmidt, W. Ueber den derzeitigen Stand der Gonorrhoebehandlung. Med. Klin., Berl., 1938, 34: 879-82.—Schubert, M., & Kittel, H. Vergleichende Untersuchungen zur weiblichen Gonorrhoebehandlung. Derm. Wschr., 1936, 102: 645-7.—Schutter, G. J. N. V. Der Wert graphischer Darstellungen für die Beurteilung der Behandlungsergebnisse bei Gonorrhoe. Derm. Zschr., 1934, 70: 142-50.—Sideravičius, B. [Progress in treatment of gonorrhea] Medicina, Kaunas, 1939, 20: 172-81.—Speirer, C. Ueber den heutigen Stand der Gonorrhoebehandlung unter besonderer Berücksichtigung der neueren Verfahren. Münch. med. Wschr., 1932, 79: 1322.—Tant, E. Quel est le meilleur traitement de la blennorrhagie aiguë? Bruxelles méd., 1935-36, 16: 118-21.—Wehrlein, H. L. The treatment of gonorrhea of the male in the clinic; a statistical study. Urol. Cut. Rev., 1934, 38: 112-8.—White, E. L. A survey of 200 consecutive hospitalized cases of gonorrhea. Hosp. News, Wash., 1940, 7: No. 13, 21-4.—Wishengrad, M. A study of gonorrhea based on a year's records. Urol. Cut. Rev., 1937, 41: 256-9.—Wolbarst, A. L. Recent advances in the treatment of male gonorrhea. Internat. J. M. & S., 1935, 48: 506-9. Also repr.

Treatment: Serum.

See also Gonorrhea, Immunization.

MOUNIR ABD EL LATIF. *Le traitement des complications de la blennorrhagie par le sérum antiméningococcique. 55p. 8°. Genève, 1932.

VILLALOBOS OYARCE, H. *Contribución al estudio de la sueroterapia en el tratamiento de algunas complicaciones de la enfermedad blenorragica [Univ. Chile] 111p. 8°. Santiago, 1929.

Corbus, B. C. The serobiological management of systemic neisserian infections. J. Urol., Balt., 1939, 41: 811-9.—Egervary, T. [Autoserotherapy in gonorrheal complications] Orv. hetil., 1930, 74: 693-7.—Fouquiau, P. Traitement de la blennorrhagie par les injections intra-veineuses et intra-prostatiques de méthylphénol-sérum. Arch. urol. Necker, 1925-26, 5: 45-62.—Pribam, E., & Jonas, E. Influence of local application of fresh animal serum, complement, on acute and chronic gonorrheal infections. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 627.—Serum treatment in gonorrhea. Brit. M. J., 1938, 1: 629.—Sterian, E. [Sterian's polymicrobial serum in treatment of gonorrheal complications] Spitalul., 1930, 50: 432-4.—Vojta, M. [New experiences with serotherapy of gonorrhea (Dr Sterian's serum)] Cesk. derm., 1940, 19: 217-26.

Treatment: Silver compounds.

HERRNBERGER, K. *Zur Behandlung der männlichen Gonorrhoe mit Argentum aceticum [Kiel] 11p. 8°. Berl., 1935.

JANUS, K. *Ueber ein neues Gonorrhoeumittel Silberthiosulfat mit besonderer Berücksichtigung der theoretischen Grundlagen der Silbertherapie [München] 26p. 8°. Hamb. 5, 1930.

KÜSCH, U. *Ueber die Wirkung von Argidal auf Gonokokken und andere Keimarten, besonders in eiweisshaltigen Medien [Münster] 16p. 8°. Mannheim-Waldhof, 1937.

PINEL, S. *Application systématique du lipogon et du protargol dans certaines complications de la blennorrhagie. 81p. 8°. Par., 1932.

WINHART, F. *Unsere Erfahrungen mit einem neuen silberhaltigen Antigonorrhoeum, der Dr Roth'schen Silberlösung. 19p. 21cm. Münch., 1937.

Abelsohn, H. Targasin als Antigonorrhoeikum. Fortsch. Ther., 1925, 1: 341.—Balzer & Tansard. O nitrato de prata e o zinco no tratamento da gonorrhea chronica. Porto med., 1906, 3: 295.—Blaschko, L., & Trausel, W. Neoreargon als Antigonorrhoeikum bei Kindern. Med. Klin., Berl., 1927, 23: 96-8.—Brunet, W. M., Shaw, N. D., & Reinhardt, C. H. The treatment of gonorrhea in the male; a study of 1,000 cases treated with injections of acriflavine and mild silver proteinate in gelatine. Tr. Am. Neisser M. Soc., 1937, 3: 25-46.—Bruno, D. Il targasin. Gior. ter. oft., 1932, 13: 64-70.—Engelhardt, W., & Gemmer, K. Die kombinierte Trypaflavin-Silberverabreichung der Gonorrhoe. Derm. Wschr., 1930, 91: 1782-9.—Eppenaue, A. Erfahrungen mit Partagonstäbchen in der Behandlung der weiblichen Gonorrhoe. Münch. med. Wschr., 1926, 73: 993.—Fabian, A. [Silver thiosulphate in treatment of gonorrhea] Cesk. derm., 1937, 17: 33-6.—Freudenthal, H. Ueber das Antigonorrhoeikum Transargan. Wien. med. Wschr., 1928, 78: 366.—Frohn, W., & Schultze-Wolters, G. Erfahrungen über die Behandlung der weiblichen Gonorrhoe mit Agesulf. Derm. Zschr., 1935, 71: 16-9.—Ganewskaja, R. S., & Werbusat, E. Die Behandlung der nicht komplizierten weiblichen Gonorrhoe mit Ammoniaksilber-salzlösungen. Zschr. Urol., 1935, 29: 796-9. Also Mschr. Geburtsh. Gyn., 1936, 102: 52-7.—Golembievsky, A. M. [Treatment of gonorrhea in women by ammonia solutions of silver salts] Vrach. delo, 1939, 21: 119-24.—Gronner, P. Behandlung des Trippers mit Neo-Reargon. Med. Klin., Berl., 1927, 23: 1032.—Guseva, E. B. [Treatment of gonorrhea in women with weak solutions of silver] Akush. gzn., 1939, 54-7.—Haxthausen, H. On the penetration of silver nitrate and other anti-gonorrhoeics. Brit. J. Vener. Dis., 1925, 1: 245-67.—[Deep action of silver nitrate in gonorrhea] Ugeskr. laeger, 1925, 87: 815-21. [Should there be new indications for the use of silver nitrate in the treatment of gonorrhea] Ibid., 1928, 90: 429-32.—Hintzelmann, U., & Zeltner, J. Transargan und die Tiefenwirkung in der Gonorrhoe-therapie. Klin. Wschr., 1927, 6: 1520.—Jäderholm, K. [Kali argenti cyanidum als antigonorrhoeikum] Sven. läk. tidn., 1933, 30: 177-84.—Janet, J. Essai de traitement de la blennorrhagie par les crayons d'argyrol. Bull. Soc. fr. urol., 1932, 163-6.—Kaufmann, E. Ueber die Anwendung des Albargins als antigonorrhoeisches Prophylacticum und Abortivum. Med. Welt, 1930, 4: 19.—Kaufmann, S. A. Die Behandlung der komplizierten weiblichen Gonorrhoe mit Ammoniaksilber-salzen. Zschr. Urol., 1935, 29: 604-12.—Kienle, E. Unsere Erfahrungen mit Partagonstäbchen in der Behandlung der weiblichen Urethral-

Gonorrhoe. Aertztl. Rdsch., 1928, 38: 109-11.—Kissmeyer, A. Weitere Erfahrungen über Citragan in der Gonorrhoebehandlung. Acta derm. vener., Stockh., 1929, 10: 229-33.

Zur Theorie und Praxis der Gonorrhoebehandlung; vermehrte bactericide Tiefenwirkung durch Citragan. Arch. Derm. Syph., Berl., 1929, 157: 65-71.—Further experiences with citragan in the treatment of gonorrhea. Brit. J. Vener. Dis., 1929, 5: 110-3.

[Researches on treatment of gonorrhea with citragan] Ugeskr. laeger, 1929, 91: 341-4.—Koniar, T. [Therapeutic value of silver-sodic thiosulphate in gonorrhea in men] Polska gaz. lek., 1937, 16: 336-8.—Krechel, J. Ueber die Brauchbarkeit des Targasin bei der Behandlung der männlichen Gonorrhoe. Münch. med. Wschr., 1926, 73: 1932-4.—Kunewälder, E. Transargan bei der Gonorrhoe-Behandlung. Med. Welt, 1929, 3: 546.—Laibe, J. E. F. The treatment of gonorrheal infections with Neo-Vonargen intravenously administered. Illinois M. J., 1934, 65: 363-6.—Lewinsky, H. Das Silberkrystallloid Transargan; seine besondere Anwendung als Antigonorrhoeikum in der Frauen- und Kinderpraxis. Klin. Wschr., 1926, 5: 2212-4.—Lindborg, N. [Treatment of gonorrhea in males with sulfargan] Sven. läk. tidn., 1929, 26: 761-5.—Lippert, H. Gonorrhoe-therapie mit Targasin. Zschr. Urol., 1925, 19: 890-5.—Lomholt, S. Zur Tiefenwirkung der Silberpräparate bei der Gonorrhoebehandlung; mit einigen Bemerkungen über die Anwendung ganz kurzdauernder Einspritzungen. Arch. Derm. Syph., Berl., 1932, 165: 443-56.

Treatment of gonorrhea in men by injections of silver preparations of short duration. Ind. J. Vener. Dis., 1935, 1: 307-12.—Lucke. Die Behandlung der weiblichen Gonorrhoe mit quellungsfähigen, silberhaltigen Kolloiden. Deut. med. Wschr., 1926, 52: 704.—Mandl, P. Vergleichende Untersuchung über die gonokokzide Wirkung der gebräuchlichen Silbersalze im Nährbodenverschlechterungsversuch. Wien. klin. Wschr., 1932, 45: 918-20.—Mennert, O. Die Gonorrhoebehandlung mit Choleval. Wien. med. Wschr., 1926, 76: 1225.—Mienicki, M. [Corgol (silver preparation) a substitute for collargol in the treatment of gonorrhea in males] Polska gaz. lek., 1928, 7: 611-3.—Mohrmann, B. H. U. Stellung des Targasin in der Gonorrhoe-therapie. Deut. med. Wschr., 1928, 54: 1296.—Montuoro, F. Sull'applicazione prolungata dei sali di argento nella blenorrea dei genitali femminili. Riv. ostet. gin., 1927, 9: 488-91.—Morev, M. L., & Kurbatov, S. S. [Ammonium-silver salts in treatment of gonorrhea in men] Vest. vener., 1937, 212.—Mühlpfordt, H. Steinbildung nach einer einzigen Reargoneinspritzung. Münch. med. Wschr., 1927, 74: 853.—Müller, O. Erfahrungen mit Transargan. Zbl. inn. Med., 1927, 48: 776.—Naidu, S. R. Potassium silver iodide in the treatment of gonorrhea. Brit. M. J., 1927, 1: 139.—Olshansky, I. A., & Glukhenky, T. T. [Attempts in treatment of gonorrheal complications by ammonium salts of silver] Vest. vener., 1938, No. 6, 79-81.—Plotz, H. Gonorrhoe-therapie mit silberhaltigen Quellstäben. Deut. med. Wschr., 1928, 54: 1466.—Pokorny, A. Silberglucosid-therapie bei gonorrhoeischen Komplikationen. Med. Klin., Berl., 1929, 25: 353.—Polland, R. Ergebnisse der Gonorrhoebehandlung mit Targasin. Derm. Wschr., 1926, 83: 1206-8.—Praktische Erfahrungen mit Transargan bei der Gonorrhoebehandlung. Münch. med. Wschr., 1930, 77: 1059.—Portmann, F. W. Erfahrungen bei der Behandlung der Gonorrhoe des Mannes mit Targasin. Derm. Wschr., 1926, 83: 1102.—Richter, C. Beiträge zur Gonorrhoebehandlung mit kolloidalen Silberpräparaten. Arch. Derm. Syph., Berl., 1926, 151: 486-90.—Rivelloni, G. Il Transargan nella blenorragia. Rass. internaz. clin. ter., 1930, 11: 562-62.—Rosenthal, F., & Zeltner, J. Ueber Transargan, ein neues wirksames Antigonorrhoeikum. Derm. Wschr., 1926, 82: 395-400.—Ruete, A. E. Ueber Rezidive und Komplikationen bei der Behandlung der weiblichen Gonorrhoe mit Fissansilberpuder. Münch. med. Wschr., 1936, 83: 726.—Samuels, S., & Scher, I. The treatment of acute gonorrhea with potassium silver cyanide (preliminary report) Urol. Cut. Rev., 1930, 34: 603.—Sanz, H. Tratamiento de la blenorragia aguda por el pectinato argéntico. Arch. méd., Madr., 1936, 39: 204. Also Med. iber., 1936, 30: 440.—Schmidt, F. Aktivität oder Passivität bei beginnender Gonorrhoe? (ein Beitrag zur Behandlung mit Targasin) Münch. med. Wschr., 1925, 72: 2230.—Schreus, H. T., & Keuck, J. Behandlungsvergleich zwischen 3 Silberverbindungen bei Gonorrhoe des Mannes nebst Bemerkungen über den Wert derartiger Untersuchungen. Derm. Wschr., 1932, 94: 647-51.—Siebert, C., & Cohn, H. Theoretisches und Klinisches über das Antigonorrhoeikum Targasin; Sammelreferat. Zschr. Urol., 1926, 20: 576-82.—Entwicklung und Ziele der lokalen Silberbehandlung in der Gonorrhoe-therapie. Derm. Wschr., 1927, 84: 699-708.—Stroscher, A. Die Therapie der frischen männlichen Gonorrhoe mit Targasin. Derm. Zschr., 1928, 53: 618.—Suriyaninov, B. F. [Treatment of gonorrhea in women and children with ammonium-silver salts (Kopp's solution)] Vest. vener., 1937, 214-6.—Thoma, E. Klinische Erfahrungen mit dem neuen Antigonorrhoeikum Transargan. Deut. med. Wschr., 1926, 52: 1557.—Ullmann, K. Targasin ein neues nützliches, kolloidales Silberpräparat zur Gonorrhoebehandlung. Wien. klin. Wschr., 1926, 39: 843-6.—Ueber den Wert des kolloidalen Silberpräparates Choleval für die Behandlung der Gonorrhoe. Med. Klin., Berl., 1929, 25: 1550-2.—Vasiliev-Chebotaev, A. A. [Analysis of effect of solutions of lugol and silver nitrate in gonorrhea in women and children] Vest. vener., 1939, No. 2-3, 60-70.—Wappler, H. Erfahrungen mit Targasin bei der Gonorrhoe der Frau. Zbl. Gyn., 1929, 53: 1709-11.—Wilde, H. Zur Behandlung der chronischen Gonorrhoe des Mannes mit Silberquellstäben.

Derm. Wschr., 1936, 102: 97-102.—Zane, C. D. [Transargan in treatment of gonorrheal urethritis] România med., 1932, 10: 226-8.—Zemlányi, B. [Silver compounds in the treatment of gonorrhea] Orv. hetil., 1934, 75: 103-5.

— Treatment: Sulfanilamide [Prontosil; Uliron, &c.]

GERTZBERG, E. V. *Considérations sur le traitement de la blennorrhagie par les sulfamidés, envisagé du point de vue social. 79p. 24cm. Par., 1939.

KRASNOW, D. H. *Sulfanilamid und seine Anwendung bei gonorrhoeischen Infektionen. 28p. 22cm. Lausanne, 1939.

MARINETTI, C. [née PETRON] *Chimiothérapie sulfamidée de la blennorrhagie féminine; corps 693. 60p. 24cm. Par., 1939.

MÜLLER, H. *Beitrag zur Ulironbehandlung der Gonorrhoe. 16p. 21cm. Münch., 1938.

PELLERAT, J. P. *Chimiothérapie sulfamidée ou sulfonée de la blennorrhagie féminine, 1162 F et 1399 F. 131p. 25cm. Par., 1938.

SEIBEL, H. *Traitement de la blennorrhagie par le sulfamide, son dérivé acétylé et la sulfamidopyridine. 27p. 24cm. Par., 1940.

Adler, E. L. Treatment of gonococcal infections in children with sulfanilamide. Am. J. Dis. Child., 1938, 56: 1242-7.—Ainsworth, T. Sulfanilamide in the treatment of gonococcal infections in the male. South. M. J., 1938, 31: 391-4.—Alexander, J. C., Forbes, M. A., & Holloman, A. L. The use of sulfanil-sulfanilamide (disulon) in the treatment of sulfanilamide-resistant gonorrhea in the male. Am. J. Syph., 1940, 24: 234-46.—Alyea, E. P., & Daniel, W. E. Treatment of sulfanilamide-resistant gonorrhea with sodium sulfanilyl-sulfanilamide. J. Urol., Balt., 1939, 42: 864-73.—Harris, J. S. Sulfanilamide therapy in gonorrhea and its complications. South. M. J., 1938, 31: 395-406.—Ammermann, O. Ulironbehandlung der kindlichen Gonorrhoe. Kinderärztl. Prax., 1939, 10: 66-8.—Aretz, H. Chemotherapie der Gonorrhoe mit Albucid in der Praxis. Med. Klin., Berl., 1940, 36: 8-10.—Arias Schreiber, L. El tratamiento de la blenorragia masculina por los derivados orgánicos del azufre. Reforma méd., Lima, 1938, 24: 589-96. Also Rev. san. mil., Lima, 1939, 12: 16-28.—Askalanova, T. M. [Streptocid in treatment of blenorhea in adults] Vest. oft., 1939, 14: No. 5, 55.—Ballenger, E. G., McDonald, H. P., & Coleman, R. C., jr. Sulfathiazole in the treatment of gonorrhea; a preliminary report. South. M. J., 1940, 33: 911-3.—Barbellon, P. Chimiothérapie de la blennorrhagie par le paraminophényl sulfamide (1162 F) Bull. Soc. méd. Paris, 1938, 143-7. Gonocoque et sulfamide. Rev. fr. gyn. obst., 1938, 33: 702-5.—Garibaldi, A. Chimiothérapie de la blennorrhagie par le 1162F. J. urol. méd., Par., 1938, 45: 397-406.—Barnewitz, H. J. Frühbehandlung der männlichen Gonorrhoe mit Uliron. Med. Welt, 1939, 13: 1021-3.—Barringer, E. D., Strauss, H. [et al.] Sulfanilamide treatment of gonorrhea in the female. Med. Woman J., 1939, 46: 157-63.—Barry, T. R., & Williamson, G. A. Sulfanilamide in the treatment of gonorrhea. J. Tennessee M. Ass., 1938, 31: 63-5.—Bauer, W., & Coggeshall, H. C. The treatment of gonococcal infections with sulfanilamide, sulfapyridine and allied compounds. Med. Clin. N. America, 1939, 23: 1173-91.—Beach, E. W. Gonorrhea and para-aminobenzenesulfonamide. California West. M., 1937, 47: 148.—Béclère, C., & Demange, M. Les sulfamides dans le traitement de la gonocécie féminine. Bull. Soc. gyn. obst. Paris, 1939, 28: 53-7.—Belinfante, A. J. G. [Chemotherapeutic treatment of gonorrhea with Uliron (Bayer)] Geneesk. tscr. Ned. Indië, 1938, 78: 881-4.—Bernhardt. Zur Chemotherapie der Gonorrhoe mit Uliron. Derm. Wschr., 1938, 107: 861-73.—Binder, A. Zur Frage der Gonorrhoebehandlung mit Uliron. Zbl. Gyn., 1938, 62: 765-7.—Boas, H. Ueber Ulironbehandlung von Gonorrhoea. Acta dermat. vener., Stockh., 1939, 20: 413-7.—Bobory, B. [Treatment of gonorrhea with Ronin] Orv. hetil., 1939, 83: 518.—Bogaev, H. A., Litt, E. T., & Davis, D. M. Sulfanilamide in the treatment of acute gonorrhea in the male. J. Urol., Balt., 1939, 41: 75-80.—Bonze, E. J., Fuerstner, P. G., & Falls, F. H. Use of a sulfanilamide derivative in the treatment of gonorrhea in pregnant and nonpregnant women. Am. J. Obst., 1939, 38: 73-82.—Bonnet, V. Traitement de la blennorrhagie par les sulfamides. Marseille méd., 1939, 76: pt 2, 485-94.—Brazovsky, E. [Uliron treatment of gonorrhoea] Orv. hetil., 1938, 82: 42.—[Treatment of gonorrhea with elektyl] Ibid., mell., 90.—Brunet, W. M. Gonorrhea in the female; treatment with sulfanilamide and topical applications. Trained Nurse, 1940, 104: 28-33.—Reinhardt, C. H., & Shaw, N. D. The use of sulfanilamide in gonorrhea in the male. N. England J. M., 1938, 218: 287-9.—Carrier, C. Traitement de la blennorrhagie par l'uliron. Ann. Soc. méd. chir. Liège, 1938, 66: 39-46.—Castano, E. Tratamiento de la blenorragia aguda del hombre por la sulfamida. Acción méd., B. Air., 1940, 10: 775.—Cohen, F. Chimiothérapie de la blennorrhagie par la sulfanilamide. Bull. Soc. fr. dermat. syph., 1938, 45: 760-2.—Colston, J. A. C., Dees,

J. E., & Harrill, H. C. The treatment of gonococcal infections with sulfanilamide. South. M. J., 1937, 30: 1165-70.—Crean, T. F. The use of prontosil in the treatment of gonorrhea. Lancet, Lond., 1937, 2: 895-8.—Culp, O. S. Treatment of gonorrhea with sulfathiazole. J. Urol., Balt., 1940, 44: 367-76.—Dainow, I., & Goldstein, Z. Chimiothérapie de la blennorrhagie par les dérivés benzéniques du soufre. Rev. méd. Suisse rom., 1939, 59: 217-30.—Dalsace, R., & Danziger. Traitement de la blennorrhagie par le 1399 F. Rev. fr. gyn. obst., 1938, 33: 705-7.—Daniel, A. [Sulfamidol in treatment of gonorrhea] România med., 1938, 16: 291.—Dees, J. E. The use of sulfanilamide in the treatment of gonococcal infection in the male. J. Urol., Balt., 1938, 40: 854-62.—Colston, J. A. C. The use of sulfanilamide in gonococcal infections. J. Am. M. Ass., 1937, 108: 1855-8.—Dembskaia, V. E. [Theoretical principles for the application of streptocid in gonorrhea in women] Akush. gin., 1939, No. 10, 17-21.—Denz. Die Frühbehandlung des Trippers mit Uliron. Deut. Militärarzt, 1939, 4: 532-4.—Diaz-Castro, H. Algunas observaciones con respecto al uso de los derivados orgánicos del azufre 1162 F, 1399 F y otros en la gonocécia. Arch. urug. med., 1938, 13: 155-63.—Dmitriev, A. I., & Kahn, A. G. [Temporary instructions for use of white streptocid in treatment of gonorrhea] Sovet. med., 1938, No. 23, 46.—Dmitriev, A. I., & Segal, M. B. [Sulfanilamide and gonorrhea; review of literature] Vest. vener., 1939, 42-59.—Dóczy, G. [Ronin treatment in male gonorrhea] Bőrgyógy. urol. vener. szemle, 1940, 18: 17-20.—Dogali, M. La paraaminofenilsulfamid nella cura della blenorragia. Policlinico, 1938, 45: sez. prat., 677-84.—Durel, P. Sur une nouvelle chimiothérapie de la gonocécie. Prophyl. antivénér., Par., 1938, 10: 101-31.

Quelques points particuliers concernant l'application de la chimiothérapie de la blennorrhagie féminine par les organosulfurés. Rev. fr. gyn. obst., 1938, 33: 707-12.—Ellison, D. E. Treatment of gonorrhea with sulfanilamide. J. Lancet, 1938, 58: 433-40.—Engelstein, E. [Antistreptin in treatment of gonorrhea] Polska gaz. lek., 1938, 17: 298-300, tab.—Farrell, J. I. The treatment of gonococcal infections with sulfanilamide. J. Urol., Balt., 1939, 41: 44-50.—Felke, H. Die Chemotherapie der Gonorrhoe mit Sulfonamidverbindungen, insbesondere mit Disseptal C (DB 32) Arch. Derm. Syph., Berl., 1938-39, 178: 45-53.—Ferguson, C., Buchholtz, M., & Gromet, R. Y. Sulphanilamide therapy in gonorrhea; review of literature and report of 298 cases. Am. J. M. Sc., 1939, 197: 452-64.—Ferrari, A. V. La terapia dell'infezione gonococcica con un nuovo derivato sulfamidico. Dermosifilograf., 1939, 14: 249-67.—Fischer, C. Ueber eine neuartige Behandlung der Gonorrhoe. Hippokrat., Stuttg., 1938, 9: 12-8.—Franz, F. L'uliron nella blenorragia acuta e cronica. Dermosifilograf., 1940, 15: 292-8.—Fronstein, R. M. Treatment of gonorrhea with white streptocid. Sovet. med., 1939, 10-4. Also Vest. vener., 1939, No. 1, 75-81.—Galliot, A. Le traitement de la blennorrhagie par les produits sulfamidés. Bull. Soc. méd. Paris, 1938, 108-11.—Gardenghi, G. La chemioterapia della blenorragia coi derivati organici del solfo. Dermosifilograf., 1939, 14: 5-56.—Gaté, J., & Cuilleret, P. A propos du traitement de la blennorrhagie féminine par le 1162 F. Rev. fr. gyn. obst., 1938, 33: 718-22. Traitement rapide de la blennorrhagie masculine aiguë par certains dérivés sulfamidés thiazoliques, 2090 RP et 146 RP. J. méd. Lyon, 1940, 21: 187-94.—& Bondet, P. A propos du traitement de la blennorrhagie par l'aminophényl-sulfamide. Bull. Soc. fr. dermat. syph., 1938, 45: Suppl., 201-10.—Gennerich, W., & Gennerich, K. Uliron bei der Gonorrhoebehandlung. Derm. Wschr., 1938, 106: 541-8.—Gibson, N. M., & Wiley, C. J. Sulphonamide chemotherapy in gonorrhea. Med. J. Australia, 1939, 1: 686-8.—Givlan Torres. A sulfonamida-hexylresorcinol no tratamento da blenorragia. Hospital, Rio, 1939, 15: 357-64.—Glimstedt, G. [Sulfanilamide preparations in treatment of gonorrhea] Lunds lak. säll. förh., 1937-38, 96-114.—Glingar, A. Ueber die Gonorrhoe des Mannes im Lichte der neuen Chemotherapie (Uliron und Albucid) Med. Klin., Berl., 1939, 35: 315-7.—Goldey, A. Sulfanilamide in the treatment of gonorrhea in the male. Bull. N. York M. Coll., 1940, 3: No. 2, 53-5.—Goodwin, J. C. Sulfanilamide in the treatment of gonorrhea in the female. Bull. Acad. M. Toronto, 1938, 11: 216-22.—Grimaldi, F. E., & Grimaldi, A. A. Sulfamidoterapia de los procesos gonocócicos. Rev. méd., B. Air., 1939, 1: No. 4, 50-2.—Grodberg, B. C., & Carey, E. L. Sulfanilamide in the treatment of gonorrhea in the female. N. England J. M., 1938, 218: 1092-4.—Günther. Uliron in der ambulanten Gonorrhoebehandlung. Med. Klin., Berl., 1938, 34: 1562-4.—Guillaud-Valleé, Y., & Bougouin, M. La sulfamidotherapie anti-gonococcique (technique et précautions à prendre) Bull. méd., Par., 1938, 52: 49-52.—Guth, H., & Mahmoud Moustapha El Bagoury. The treatment of gonorrhea from new points of view with special reference to uliron. J. Egypt. M. Ass., 1939, 22: 212-24.—Hartung, J., & Braun, H. Ueber Albucidbehandlung der Gonorrhoe. Derm. Wschr., 1939, 109: 831-41.—Heitz-Boyer, Nitti & Tréfoüel. Une nouvelle médication contre la blennorrhagie: La di-(para-acétylamino-phényl) sulfone (1399 F) Bull. Soc. fr. urol., 1937, 250-63. Also J. urol. méd., Par., 1938, 45: 65-79.—Note préliminaire sur l'action de la paradiacétylaminodiphénylsulfone (1399 F) dans la blennorrhagie. Bull. Soc. fr. dermat. syph., 1937, 44: 1800.—Hering, E. N. Results of sulfanilamide therapy of gonorrhea. U. S. Nav. M. Bull., 1938, 36: 63-7, pl.—Herrold, R. D. Treatment of gonorrhea and other infections in the urinary tract with sulfanilamide. Urol. Cut. Rev., 1937, 41: 468-71. Also Crón. méd., Lima, 1938,

- 55: No. 3, advt., 1-4.—**Hespers**, Ullronbehandlung der weiblichen Gonorrhoe. *Zbl. Gyn.*, 1939, 63: 387-9.—**Holmes, J. W., Jones, J. A., & Gildersleeve, N.** The use of sulfanilamide in gonococcal infections in children. *J. Pediat.*, S. Louis, 1938, 12: 610-5.—**Horváth, K.** [Ultrasceptyl for treatment of gonorrhea and its complications.] *Bőrgyógy. urol. vener. szemle*, 1940, 18: 1-4.—**Hruszek, H.** Gehört die Ullronbehandlung der Gonorrhoe in die Hände des praktischen Arztes? *Derm. Wschr.*, 1938, 106: 53-5.—**Hübschmann, K.** [Chemotherapy of gonorrhea with special reference to diacetylaminodiphenylsulfon] *Cesk. dermat.*, 1938, 18: 67-80. Also *Cas. lék. česk.*, 1939, 78: 545-50.—**Humiston, H. W.** The treatment of gonorrhea with sulfanilamide. *Illinois M. J.*, 1937, 72: 545-7.—**Hurwitz, S.** [Chemotherapy of gonorrhea with sulfanilamide and its derivatives] *Genesck. tschr. Ned. Ind.*, 1940, 80: 2624-46.—**Iof, L. S.** [Treatment of gonorrheal complications with red streptocid] *Urologia, Moskva*, 1938, 15: No. 3-4, 100-3.—**Jacob, F.** Zur peroralen Therapie der Gonorrhoe mit Ullron. *Deut. med. Wschr.*, 1938, 64: 786.—**Jacoby, A., Drummond, A. C., & Ollswang, A. H.** Sulfanilamide in the treatment of gonorrhea. *N. England J. M.*, 1939, 221: 102-4.—**James, W. L., & Sutton, H. L.** Sodium sulfanilyl-sulfanilamide in the treatment of gonorrhea in the male. *Am. J. Syph.*, 1939, 23: 453-60.—**Jausion, H.** Essai de traitement de blennorrhagie par les injections intramusculaires et intraveineuses d'un dérivé soluble de la benzyl-amino-phényl-sulfamide. *Bull. Soc. fr. dermat. syph.*, 1937, 44: 1891-8.—**Jones, J. H., & Arthur, R. D.** The treatment of gonorrheal infection in the male with sulphanilamide (prontylin) preliminary report. *Hosp. News, Wash.*, 1937, 4: No. 17, 15-22.—**Kissmeyer, A.** [Use of chemotherapy with the sulpha-amid groups in treatment of gonorrhea] *Ugeskr. laeger*, 1938, 100: 724-30.—**Knight, H. C.** The use of sulfanilamide in the treatment of gonorrhea. *Hosp. News, Wash.*, 1937, 4: No. 24, 24-38.—**Konecz, L., & Katona, I.** [Elektyl in treatment of gonorrhea] *Gyógyászat*, 1938, 78: 474.—**Korth, B.** Die Chemotherapie des Trippers mit Ullron und Albucid. *Deut. Militärarzt*, 1939, 4: 421-3.—**Krantz, W., Stümpe, G.** [et al.] Ueber die Behandlung der Gonorrhoe mit Ullron und Disceptal. *Med. Klin., Berl.*, 1938, 34: 1579; 1616; 1656; 1939, 35: 78.—**Kristjansen, A., & Kaalund-Jørgensen, O.** [Sulphanilamid (Streptamid Leo) in treatment of gonorrhea] *Ugeskr. laeger*, 1938, 100: 730-9.—**Kroichik, A. O., & Mailis, M. G.** [White streptocid in treatment of gonorrhea in men] *Radianska med.*, 1940, 5: No. 3, 21-7.—**Kveim, A.** Ullronbehandlung der Gonorrhoe. *Acta dermat. vener., Stockh.*, 1939, 20: 418-32.—**Kyser, R.** Behandlung der Gonorrhoe mit Disceptal C. *Derm. Wschr.*, 1939, 108: 297-300.—**Landau, D.** Proseptasine in the treatment of gonorrhoea. *S. Afr. M. J.*, 1938, 12: 917.—**Lapshina, V. A.** [Streptocid in treatment of gonorrhea in women] *Sovet. med.*, 1939, No. 6, 48-50.—**Lépinay, W.** Un traitement express de la blennorrhagie. *Ann. mal. vénér.*, 1940, 35: 15-8.—**Lilienthal, W.** Die Behandlung der männlichen und weiblichen Gonorrhoe mit den Chemotherapeutika Disceptal (Ullron) und Disceptal B. *Derm. Wschr.*, 1938, 107: 833-40.—**Lloyd, V. E., & Erskine, D.** Sulphathiazole and sulphamethylthiazole in gonorrhoea. *Lancet, Lond.*, 1940, 2: 186.—**Loos, H. O.** Chemotherapie der Gonorrhoe (Ullron, Albucid) *Med. Klin., Berl.*, 1939, 35: 1313-6.—**López Herrarte, M.** El tratamiento de la gonoreia en mujeres y niñas con sulfanilamido. *Bol. san. Guatemala*, 1938, 9: 464-8.—**Lubowe, I. I.** The use of sulfanilamid in the treatment of gonorrhea. *Ind. J. Vener. Dis.*, 1938, 4: 94-9.—**Lucena, C. E., & Sanctis Crespo, C. M. de.** El para-aminofenilsulfonamido en el tratamiento de la blenorragia. *Dia méd.*, B. Air., 1938, 10: 1299.—**Maderna, C.** La chemioterapia dell'infezione gonococcica coi derivati organici di zolfo. *Rinasc. med.*, 1938, 15: 219.—**Maggiulli, G.** Contributo alla cura della blenorragia mediante un nuovo preparato sulfamidico; l'albucid. *Riforma med.*, 1939, 55: 838-44.—**Mahoney, J. F., Van Slyke, C. J., & Thayer, J. D.** Sulfanilamide therapy in hospitalized gonorrhea. *Tr. Am. Neisser. M. Soc.*, 1938, 4: 25-31. Also *Am. J. Syph.*, 1938, 22: 691-8.—**Mahoney, J. F., Wolcott, R. R., & Van Slyke, C. J.** Sulfamethylthiazole and sulfathiazole therapy of gonococcal infections. *Ibid.*, 1940, 24: 613-21.—**Manor, A.** Sulfanilamid; its use in the treatment of gonorrhea of the lower genital tract of the female. *California West. M.*, 1938, 49: 208-10.—**Maraspin, G.** I sulfamidici e la vaccinoterapia antigonococcica. *Gazz. osp.*, 1940, 61: 505-9.—**Martinez, J. M.** Quimioterapia de la gonococcia en la mujer por el ullron. *Dia méd.*, B. Air., 1940, 12: 296.—**Marunova, V. P.** [Treatment of gonorrhea with white streptocid] *Akush. gin.*, 1939, No. 12, 66.—**Mathis, M. S., & McNamara, P. J.** Gonorrhea treated with sulfanilamide. *U. S. Nav. M. Bull.*, 1939, 37: 114-29, pl.—**Mauk, Ullron** in der Gonorrhoe-Behandlung der Frau. *Schweiz. med. Wschr.*, 1938, 68: 1402. Also *Zbl. Gyn.*, 1938, 62: 2624.—**Mergelsberg.** Die kombinierte Ullrontherapie. *Deut. Militärarzt*, 1938, 3: 363-5.—**Meyer, H.** [Ullron in treatment of chronic gonorrhea in women] *Ugeskr. laeger*, 1938, 100: 281. Also *Derm. Wschr.*, 1939, 109: 900-3.—**Miescher, G.** Zur Chemotherapie der Gonorrhoe mit Ullron. *Schweiz. med. Wschr.*, 1938, 68: 1149.—**Molfinio, A. H., Bocro, R. A., & Saccomano, T. G.** La sulfamidoterapia en la gonococcia femenina. *Bol. Soc. obst. gin. B. Aires*, 1940, 19: 770-7.—**Montesano, V.** I composti para-amino-fenil-sulfamidici in venerologia. *Ann. igiene*, 1939, 49: actual., 75-89.—**Morel, P.** A propos du traitement de la blennorrhagie masculine par l'aminophényl-sulfamide. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 778-83.—**Müller, H. D.** Ullron bei subakuter und chronischer Gonorrhoe der Frau. *Deut. med. Wschr.*, 1938, 64: 1798-800.—**Nair, V. G.** Prontosil album (sulphanilamide) in the treatment of gonococcal infections. *Ind. J. Vener. Dis.*, 1938, 4: 29-43. Also *J. Ind. M. Ass.*, 1938, 7: 393-401.—**Nichols, J., & Chetty, V. V.** Ullron in treatment of gonorrhea. *Ind. J. Vener. Dis.*, 1939, 5: 1-16.—**Nander, N.** [Ullron in the treatment of gonorrhea] *Ugeskr. laeger*, 1938, 100: 279-81.—**Németh, P., & Elek, S.** [Treatment of gonorrhea with ultrasceptyl-chirolin (2-(p-aminobenzolsulfamido)-4-methylthiazol] *Budapesti orv. ujs.*, 1939, 37: 897-900.—**Nicolas, J., & Roussel, J.** A propos du traitement de la blennorrhagie par la sulfanilamide. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 716-8.—**Nimelman, A., Mahoney, J. F., & Van Slyke, C. J.** Sulfanilamide therapy of gonococcal infection in hospitalized prostitutes. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 132-5.—**Nohara, F. S.** Gonorrhoe and Ullron. *Derm. Zschr.*, 1938, 77: 349-53.—**O'Crowley, C. R., James, W. L., & Sutton, H. L.** Sulfanilyl-sulfanilamide in the treatment of gonorrhea in the male. *J. Urol., Balt.*, 1939, 41: 51-8.—**O'Hanlon, O. J.** The treatment of gonorrhoea with sulphanilamide. *J. R. Army M. Corps*, 1938, 70: 183-9.—**Opizzi, J.** Sulfamidoterapia a dosis continuas en las gonococias. *Rev. san. nubl. B. Air.*, 1940, 39: 514-21.—**Orr, H.** Sulfanilamide in the treatment of gonorrhoea. *Canad. M. Ass. J.*, 1937, 37: 364-6.—**Palazzoli & Bovet, D.** Traitement de la blennorrhagie aiguë et chronique par le di-(p-acétylaminophényl) sulfone (1399 F.) *Bull. Soc. fr. urol.*, 1937, 280-5. Also *J. urol. méd.*, Par., 1938, 45: 244-50.—**Conduite du traitement chimiothérapique de la blennorrhagie à l'aide des composés organiques du soufre (1162 F et 1399 F)** *Paris méd.*, 1938, 107: 211-8.—**Papin, M.** 1162 F et blennorrhagie chronique. *Bordeaux chir.*, 1938, 9: 197.—**Pechersky, B., & Sdobnov, I.** [Treatment of acute gonorrhea with white streptocid] *Sovet. med.*, 1938, No. 24, 27-31.—**Pellerat, J.** La sulfamidoterapie dans le traitement de la blennorrhagie féminine. *Bull. méd.*, Par., 1939, 53: 749-52.—**Pelouze, P. S.** Gonorrhoea and the sulfonamides. *Med. World*, 1940, 58: 615-7.—**Périn, L., Guérault, A., & Carriage, J. L.** L'action des dérivés sulfamidés dans le traitement de la blennorrhagie féminine. *Paris méd.*, 1939, 111: 201-6.—**Pfister, M. O.** A new antigonorrhoeal drug, ullron. *Chin. M. J.*, 1938, 54: 416-20.—**Photinos, G., Photinos, P., & Souvatzides, A.** [Use of ultrasceptyl-chirolin in gonorrhea and gonorrheal complications] *Budapesti orv. ujs.*, 1940, 38: 265-7.—**Pinard, M., Chiche, P., & Lévy, F. M.** Sur le traitement de la blennorrhagie par les sulfamides. *Bull. Soc. méd. Paris*, 1938, 112-8.—**Prebble, E. E.** Gonorrhoea and the sulphonamides. *Med. Press & Circ.*, Lond., 1940, 204: 189-91.—**Prontylin** in the treatment of gonorrheal infection in the male. *Clin. Excerptis*, 1938, 12: 1-5.—**Putkonen, T.** Ueber die Ullronbehandlung der Gonorrhoe. *Acta dermat. vener., Stockh.*, 1939, 20: 437-50.—**Reginato, E.** Di un nuovo preparato, il neostreptosil, nella cura della blenorragia. *Riforma med.*, 1939, 55: 1418-24.—**Roper, R.** Sulphanilamide in gonorrhoea. *Lancet, Lond.*, 1937, 2: 1166.—**Roth, L. J.** Sulfanilyl-sulfanilamide (disulon) vs. sulfanilamide in the treatment of acute gonorrhea in the male. *J. Urol., Balt.*, 1940, 43: 483-90.—**Rousset, J.** Les injections intraveineuses de sulfanilamide comme traitement abortif de la blennorrhagie. *Bull. Soc. fr. dermat. syph.*, 1939, 46: 243-5. Essai de traitement de la blennorrhagie par la 4-aminobenzènesulfonacétylamide. *Ibid.*, 613-5.—**Saltner, L.** Die akute Gonorrhoe und Albucid. *Derm. Wschr.*, 1939, 109: 1363-6.—**Scherber, G., & Domes, A.** Die Behandlung der Gonorrhoe beider Geschlechter mit dem Ullron G. Domagks in peroraler Darreichung. *Wien. med. Wschr.*, 1937, 87: 1267; 1298; 1335.—**Schmidt, G.** Gonorrhoebehandlung mit Ullron, Disceptal B und C. *Derm. Wschr.*, 1937, 105: 1612-7.—**Schreus, H. T.** Praxis der Ullron-Behandlung der Gonorrhoe. *Med. Welt*, 1938, 12: 11-3.—**Shaw, M. M.** The sulfanilamides in the treatment of gonorrhoea. *Mag. London School M. Women*, 1939, 3: No. 7, 2-5.—**Shih, H. E., & Hsiung, J. C.** Treatment of gonorrhea with sulfanilamide. *Chin. M. J.*, 1938, 53: 455-8.—**Shih, H. E., & Wen, C. C.** Treatment of gonorrhea with Ullron. *Ibid.*, 1939, 55: 1-5.—**Sinkoe, S. J.** Combined sulfanilamide and local treatment of gonococci infections. *J. M. Ass. Georgia*, 1938, 27: 382-6.—**Sipos, K.** [Sulfamide preparations for treatment of gonorrhea] *Magy. urol.*, 1939, 2: 112-5.—**Snowden, R. H., & Bell, R. A.** The sulfanilamide therapy of gonorrhea. *U. S. Nav. M. Bull.*, 1938, 36: 45-58.—**Sommer, K. H.** Das Ullron in der Therapie der aszendierten Gonorrhoe der Frau. *Zbl. Gyn.*, 1938, 62: 2246-53.—**Søndergaard, K.** [Sulfosin treatment of gonorrhea and gonorrheal complications] *Hospitalstidende*, 1938, 81: 789-824 [Med. selsk. Fyens Stifts forh.] 13.—**Sorenson, R.** The treatment of gonorrhea and other urinary tract infections by sulfanilamide. *Bull. Veterans Admin.*, 1938-39, 15: 16-20.—**Steele-Perkins, J. L. S.** Prontosil in the treatment of gonorrhoea. *J. R. Nav. M. Serv.*, 1938, 24: 325.—**Stein, R. O., & Halpern, G.** Die Leitschienentherapie der akuten Gonorrhoe mit Ullron. *Acta dermat. vener., Stockh.*, 1939, 20: 223-31.—**Steller, L., & Hlyés, E.** [Treatment of gonorrhea with sulfamide derivatives] *Gyógyászat*, 1938, 78: 443-8.—**Steuble, R.** Die perorale Behandlung der Gonorrhoe des Mannes mit dem Sulfanilamid (Siegfried) *Dermatologica, Basel*, 1939, 80: 209-23.—**Strandberg, J.** [Sulfonamid treatment of gonorrhea] *Nord. med.*, 1939, 1: 493.—**Strempele, Klinischer Beitrag zur Ullronbehandlung der Gonorrhoe des Mannes.** *Zbl. Haut Geschlkr.*, 1938-39, 61: 327.—**Sulphonamide (The)** treatment of gonorrhoea. *Annual Rep. Chief M. Off. Min. Health, Lond.* (1938) 1939, 146:—**Szép, J.** [Practical problems in sulfamide therapy

of gonorrhea] *Magy. urol.*, 1939, 2: 107-11.—**Tant, E.** Le traitement de la blennorrhagie par le paraaminophénylsulfamide (sulfanilamide) *Bruxelles méd.*, 1936-37, 17: 1717-21.—**Teimurov, G. I.** [Treatment of gonorrhea in men with white streptocid] *Urologia, Moskva*, 1939, 16: No. 3, 70.—**Toegel, F.** Behandlung der frischen Gonorrhoe mit Albucid und Uliron; ein Beitrag zur Chemotherapie. *Deut. Militärarzt*, 1939, 4: 528-31. Also *Munch. med. Wschr.*, 1939, 86: 1659-62.—**Use (The)** of sulphanilamide in gonorrhoea of the male. *Med. J. Australia*, 1940, 2: 139.—**Van Slyke, C. J.; Durward, J., & Mahoney, J. F.** Sulfanilamide therapy in gonococcal infections. *Vener. Dis. Inform.*, 1938, 18: 417-21.—**Van Slyke, C. J., Thayer, J. D., & Mahoney, J. F.** Sulfanilamide therapy in gonococcal infections. *Ibid.*, 417-24.—**Vest, S. A., & Parker, D. S., Jr.** The use of the disulfanilamides in gonorrhea. *Am. J. Syph.*, 1940, 24: 344-59.—**Vicuña M., H.** La sulfanilamide, protosil, en el tratamiento de la gonorrea. *Rev. san. nav.*, Valparaíso, 1938, 7: 278-81. — La sulfanilamide en el tratamiento de la gonorrea. *Ibid.*, 8: 3; 112.—**Vohwinkel, K. H.** Das Albucid als Antigonorrhöikum. *Deut. Militärarzt*, 1939, 4: 266-8. Also *Med. Welt*, 1939, 13: 994-6.—**Voitashevsky, I. B., Sokolsky, S. L.** [et al.] [White streptocid in treatment of gonorrhea in men] *Urologia, Moskva*, 1939, 16: No. 3, 66-9.—**Vonkennel & Korth.** Zur Chemotherapie der Gonorrhoe mit Albucid. *Munch. med. Wschr.*, 1938, 85: 2018-21.—**Wajsborg, E.** [Modern treatment of gonorrhea by sulfamide products] *Warsz. czas. lek.*, 1939, 16: 244-8.—**Walsh, D. F.** Treatment of gonorrhoea with uleron. *Brit. M. J.*, 1938, 2: 215-8. — Protosil soluble and colsalanide in the treatment of gonorrhoea. *J. R. Nav. M. Serv.*, 1939, 25: 30-9.—**Walzak, B. J.** Sulfanilamide vs sulfanil-sulfanilamide in gonococcus infections. *Am. J. Syph.*, 1939, 23: 597-604.—**Waugh, J. R., & Haas, R. B.** Treatment of gonorrhea in the male by sulphanilamide. *Hosp. News, Wash.*, 1937, 4: No. 17, 8-15.—**Winter, H. G.** Notes on the treatment of gonorrhoea with the sulphonamide group of drugs. *J. R. Army M. Corps*, 1939, 72: 244-9.—**Witt, W. van de.** Ueber die Behandlung der Gonorrhoe mit Albucid. *Deut. med. Wschr.*, 1939, 65: 1379-82.—**Womack, R. K.** The use of sulfanilamide in the treatment of gonorrhea. *Tristate M. J.*, 1937-38, 10: 2028.—**Wyss-Chodat, F.** A quel moment faut-il commencer le traitement de la blennorrhagie par les sulfamidés? traitement précoce ou traitement tardif? *Schweiz. med. Wschr.*, 1940, 70: 375-7.—**Zampettini Walker, C., & Rechter, M.** Sobre las sulfamidas en el tratamiento de la blenorragia masculina. *Dia méd., B. Air.*, 1939, 11: 339-41.—**Zollschän, J.** [Chemotherapy with sulfamid in gonorrhea] *Orv. hetil.*, 1938, 82: 620.

— Treatment: Sulfanilamide: Mode of action.

BOUGOUIN, M. *Etat actuel de la chimiothérapie antigonococcique chez l'homme par les composés organiques soufrés. 71p. 8°. Par., 1938.

DESTOMBES, P. P. L. L. *Contribution à l'étude de la thérapeutique ambulatoire de la blennorrhagie par les composés du type sulfanilamide et son retentissement biologique, cyanose, capacité totale en CO₂. 70p. 25cm. Bord., 1938.

GRÜNIG, E. *Schädigungen bei der chemotherapeutischen Behandlung der Gonorrhoe mit Disseptal. 16p. 23½cm. Berl., 1938.

Also *Med. Klin.*, 1938, 34:

STEBLE, R. *Die perorale Behandlung der Gonorrhoe des Mannes mit dem Sulfanilamid (Siegfried) [Zürich] 15p. 24cm. Basel, 1939. Also *Dermatologica*, Basel, 1939, 80:

Altmeier, J. Bestehen Beziehungen zwischen Blutkörperchen-senkungsgeschwindigkeit, Leukocytenzahl und therapeutischer Ansprechbarkeit bei der Behandlung der Gonorrhoe mit Sulfonamiden? Mitteilung eines Falles von Zoster symptomatikus nach Disseptal-C. *Arch. Derm. Syph.*, Berl., 1939, 179: 279-85.—**Barbellion, P.** Action du 1162F sur le gonococque et sur l'organisme. *Prophyl. antivénér.*, Par., 1938, 10: 473-6.—**Garibaldi, A. S.** Expérimentation du 1162F, para-amino-phényl-sulfamide, dans la blennorrhagie. *Bull. Soc. fr. urol.*, 1938, 38-46.—**Boak, R. A., Charles, R. L., & Carpenter, C. M.** Tolerance of the gonococcus in vitro for increasing concentrations of sulfanilamide. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 118.—**Bruder, K.** Klinische Beobachtungen über das Verhalten des Ulirons und der Disseptale B und C im Organismus von Tripperkranken. *Arch. Derm. Syph.*, Berl., 1939, 179: 183-208.—**Bürger, L.** Polycyruromyositis nach Ulironbehandlung schwerer Gonorrhoe. *Deut. med. Wschr.*, 1938, 64: 709.—**Cain, A., Cattán, R., & Arnous, J.** Infection gonococcique à foyers multiples diversement influencés par l'ingestion de p-amino-phényl-sulfamide; guérison des arthrites par injection intra-articulaire de ce produit. *Bull. Soc. méd. hôp. Paris*, 1938, 3. ser., 54: 1733-7.—**Carpenter, C. M., Barbour, G. M., & Hawley, P. L.** The inactivation of gonococcal toxin in vitro by sulfanilamide. *J. Bact., Balt.*, 1938, 36: 280. —

The protective effect of sulfanilamide against gonococcal toxin in mice. *Tr. Am. Neisser. M. Soc.*, 1938, 4: 5-11.—**Cohn, A.** The effect of sulfanilamide on gonococci: an experimental study. *Am. J. Syph.*, 1938, 22: 1-8. — The gonococcus completely fixation test in gonococcal infections treated with sulfanilamide. *Ibid.*, 1939, 23: 461-76.—**De Giorgio, A.** Sul potere battericida verso il gonococco del sangue e dell'urina di blennorrhagici in cura con uliron. *Gior. ital. derm. sif.*, 1938, 79: 887-97.—**Döllken, H.** Nebenwirkung des Ulirons bei der Gonorrhoebehandlung. *Derm. Wschr.*, 1938, 107: 1273-80.—**Doukan, G.** A propos de la chimiothérapie de la blennorrhagie; traitement chez la femme par les dérivés organo-soufrés: étude générale des accidents. *Bull. méd., Par.*, 1938, 52: 237-44.—**Durel, P.** Action dans la blennorrhagie du 1162F, para-amino-phényl-sulfamide. *Presse méd.*, 1938, 46: 21-4.—**Engel, P.** [The dangers of the sulfamid treatment of gonorrhea] *Népegészéségügy*, 1940, 21: 706-10.—**Felke, H.** Die Wirkung der Sulfonamidverbindungen auf die Erreger der Gonorrhoe. *Klin. Wschr.*, 1938, 17: 13-6.—**Fischer, C.** Betrachtungen über die Behandlung der Gonorrhoe mit Uliron. *Wsch. ärztl. Fortbild.*, 1938, 35: 337-41.—**Fischer, H.** Bemerkungen zur Ulirontherapie der Gonorrhoe. *Derm. Wschr.*, 1938, 106: 205-8.—**Gaté, J., Cuilleret, P., & Bondet, P.** Recherches personnelles sur le traitement de la blennorrhagie par l'acéto-phényl-sulfamide. *Gaz. méd. France*, 1938, 45: 431-4.—**Gensler, H.** Neue Gesichtspunkte in der Tripperbehandlung mit Uliron. *Deut. Militärarzt*, 1938, 3: 453-6.—**Gertler, W.** Untersuchungen über die Höhe des Ulironblut- und Harnspiegels nach Ulironverabreichung bei Gonorrhoe und deren Bedeutung für den Heilerfolg. *Klin. Wschr.*, 1938, 17: 1401-5.—**Grard, R., Durel, P., & Gallix, L.** Action du p-amino-phényl sulfamide donné par voie exclusivement buccale dans la blennorrhagie masculine et féminine. *Bull. méd., Par.*, 1937, 51: 651-4.—**Gregorio, E. de.** El equilibrio leucocitario y la velocidad en la sedimentación globular en la quimioterapia sulfamídica de la blenorragia. *Actas derm. sif.*, Granada, 1939-40, 3: 242-7.—**Hämel, J., & Link, T.** Untersuchungen über Aufnahme und Wirkung des Disseptal C. *Derm. Wschr.*, 1939, 108: 537-45.—**Hansen, L.** Sulfanilamide concentration and distribution in blood and urine in sulfanilamide therapy for gonococcal infections in men. *J. Pharm. Exp. Ther.*, 1939, 65: 372-82.—**Hartung, J.** Uliron und Lokalbehandlung der Gonorrhoe. *Munch. med. Wschr.*, 1938, 85: 1899-903.—**Herrold, R. D.** Comparative efficacy of sulfanilamide and sulapyridine in the treatment of gonococcal infection. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 140-4.—**Iturbe, J.** Investigaciones experimentales acerca de la quimioterapia de la gonorrea por el D. B. 90, uliron. *Bol. Min. san. Venezuela*, 1937-38, 2: 1238-52.—**Janet, J.** Les sulfamides doivent être employés avec prudence dans le traitement de la blennorrhagie. *Ann. mal. vénér.*, 1938, 33: 1-6.—**Jannarone, G.** Sulla chemioterapia antigonococcica con un nuovo preparato solfo-organico. *Dermosifilograf.*, 1940, 15: 342-50.—**Kaufman, S. A.** [Clinical investigations on the effect of white streptocid in gonorrhea in women] *Akush. gin.*, 1939, No. 5, 70-3.—**Krichewsky, A. M., & Sincelnikov, Z. M.** [Theoretical and experimental principles in treatment of gonorrhea with white streptocid] *Vest. vener.*, 1939, 60-71.—**Laurio, C.** La quimioterapia en la blenorragia: conceptos generales sobre los principales preparados sulfamidados y sulfanados. *Bol. Min. san., Caracas*, 1939, 4: No. 2, 37-50.—**Lavenant, A.** Les avantages et les inconvénients du paraminobenzine sulfamide dans le traitement de la blennorrhagie. *Bull. Soc. méd. Paris*, 1938, 129-35.—**Lemaire, R., & Cahen, J.** Contribution à l'étude du traitement de la blenorragie par les dérivés sulfoaminés. *Bull. Soc. méd. mil. fr.*, 1938, 32: 523-6.—**Leroy, J.** Contribution à l'étude du 146 R. P.; dans la blennorrhagie masculine et féminine. *Bull. Soc. fr. derm. syph.*, 1939, 46: 1379-82.—**Lersey, P.** [Uliron and deeply seated gonococci] *Ugeskr. laeger*, 1938, 100: 451-3.—**Loos, H. O.** Zur Frage der Ulirontherapie der Gonorrhoe. *Derm. Wschr.*, 1938, 107: 1193-201.—**Marquardt, F.** Die Komplementbindung als Gradmesser für den Beginn der Ulironbehandlung der männlichen und weiblichen Gonorrhoe. *Ibid.*, 1064-7.—**Martin, W. S.** Spectacular response of acute gonorrhea to large doses of sulfanilamide. *J. Michigan M. Soc.*, 1939, 38: 328.—**Morrow, G., & Berry, G. P.** The cultivation of *Neisseria gonorrhoeae* on the chorio-allantoic membrane of the chick embryo and the use of this technique for the study of sulfanilamide. *J. Bact., Balt.*, 1938, 36: 280.—**Nagell, H.** Zur Frage der Chemotherapie der Gonorrhoe, zugleich ein Beitrag über die Wirksamkeit einer neuen Sulfonamidverbindung. *Med. Welt*, 1939, 13: 221.—**Nguyen-Van-Tung, Nguyen-Dang-Phong & Truong-Van-Que.** Contribution à l'étude de la chimiothérapie antigonococcique par les dérivés organo-soufrés. *Ann. mal. vénér.*, 1939, 34: 129-58.—**Oro, A.** I derivati organici dello zolfo nella cura della infezione gonococcica; saggi sperimentali: assorbimento, eliminazione e tossicità dei sulfamidi; risultati curativi dei diversi autori. *Riforma med.*, 1938, 54: 850-62. — Ricerche personali e risultati clinico-terapeutici. *Ibid.*, 1041-7.—**Palazzoli, M.** Action des doses réduites de 1162 et 1399 dans le traitement mixte de la blennorrhagie. *J. urol. méd., Par.*, 1938, 46: 151-3. — **Bovet, D.** La chimiothérapie de la blennorrhagie par les dérivés organiques du soufre, p-amino-phénylsulfamide 1162F, et di-p-acétylamino-phényl-sulfone 1339F. *Presse méd.*, 1938, 46: 99-102.—**Peger, H.** Zur Chemotherapie der Gonorrhoe mit besonderer Berücksichtigung von Uliron. *Wien. klin. Wschr.*, 1938, 51: 591-6.—**Petway, M. E.** The experimental use of a double salt of sulfanilamide with sodium (sodium uliron) in the treatment of acute gonorrhea. *Med. Rec., Houston*, 1940, 43: 554-8.—

- Rebaudi, L.** Sobre algunos fracasos de la sulfanilamide en el tratamiento de la blenorragia. *Rev. argent. urol.*, 1939, 8: 439-48.—**Rossi, G.** La para-aminofenilsulfamide nella cura della infezione gonococcica degli indigeni della Somalia Setentrionale. *Arch. ital. sc. med. col.*, 1938, 19: 741-56.—**Safonov, V. D.** [Therapeutic properties of streptocid in gonorrhea] *Vest. vener.*, 1939, No. 11, 57.—**Sai, Z.** Some experiments on chemotherapy of sulfanilamide for gonorrhea. *Jap. J. Exp. M.*, 1939, 17: 387-406.—**Schaefer, F.** Bewirkt die Anwendung von Albucid oder Uliron eine Leberschädigung? mit Bemerkungen über die hierbei beobachteten allgemeinen Hautausschläge. *Arch. Derm. Syph.*, Berl., 1939, 179: 500-9.—**Schubert, M.** Zur Chemotherapie der Gonorrhoe mit Uliron (DB 90) und Disceptal B (DB 87). *Derm. Wschr.*, 1937, 105: 1549-53.—**Semenov, P. P.** [Clinical and experimental investigation of the action of white streptocid in gonorrhea] *Sovet. vrach. J.*, 1939, 43: 647-52. — [Mutation of the gonococcus under the effect of sulfidil] *Urologia, Moskva*, 1940, 17: No. 2, 82-4.—**Sipos, K.** [Effect of uliron in gonorrhea] *Orv. hetil.*, 1938, 82: 494-6.—**Stümpe, G.** Einiges zur Ulironfrage. *Deut. med. Wschr.*, 1938, 64: 292-5.—**Szép, J., & Arokháty, V.** [Behaviour of specific antibodies during sulfamid treatment of gonorrhea] *Orv. hetil.*, 1939, 83: 134-6. Also *Orvostud. közl.*, 1940, 1: 86.—**Vest, S. A., Hill, J. H.** [et al.] Studies in the use of sulfanilamide in gonorrhea; experimental observations. *J. Urol.*, Balt., 1938, 40: 698-715.—**Weber, H.** Uliron-Therapie der Gonorrhoe im Spiegel der Blutbildes. *Klin. Wschr.*, 1938, 17: 915-7.—**White, A. H.** A theory of how and why sulfanilamide and allied compounds cure gonorrhea. *Nat. Eclat. M. Ass. Q.*, 1940-41, 32: No. 2, 48-50.—**Winter, H. G.** Further notes on the treatment of gonorrhea with the sulphonamide group of drugs. *J. R. Army M. Corps*, 1940, 75: 1-7.
- **Treatment: Sulfanilamide: Results.**
- See also Gonorrhea, Treatment: Chemotherapy: Results.
- Nützel, K.** *Erfahrungen mit Uliron in der Behandlung der Gonorrhoe. 20p. 20½cm. Erlangen 1938.
- Batchelor, R. C. L., Lees, R., & Thomson, G. M.** The sulphonamide treatment of gonorrhea; results of treatment. *Brit. M. J.*, 1940, 1: 961-6.—**Bauer, H.** Behandlungserfolge bei Gonorrhoe mit Albucid. *Derm. Wschr.*, 1939, 108: 649-56.—**Béclère, C.** Les sulfamides dans le traitement de la blenorragie féminine; premiers résultats. *Rev. fr. gyn. obst.*, 1938, 33: 712-5.—**Bertola, A.** Cura della blenorragia maschile acuta e cronica e sue complicanze con la paraaminofenilsulfamide. *Gazz. osp.*, 1938, 59: 712.—**Bibus, B.** Bedeutet das Uliron einen entscheidenden Fortschritt in der Behandlung der männlichen Gonorrhoe? *Wien. klin. Wschr.*, 1939, 52: 90-2.—**Boursat, C. E.** Résultats du traitement par la para-aminophényl-sulfamide à la consultation de gynécologie de Saint-Lazare. *Rev. fr. gyn. obst.*, 1938, 33: 715-8.—**Brownstein, S. W.** Sulfanilamide in gonorrhea, a report of 120 cases. *Clin. M. & S.*, 1938, 45: 256.—**Brundu, C.** Brevi note sulla terapia sulfamidica e sulla gonosulfamide nella infezione gonorrhea, soprattutto in quella femminile. *Rass. ostet.*, 1939, 48: 394-410.—**Bumovich, D. I., Monosova, F. M., & Rossianskaia, E. L.** [Preliminary data on sulfidil treatment of non-complicated gonorrhea in women] *Akush. gin.*, 1940, No. 5, 34.—**Cohn, A., Jacoby, A.** [et al.] A clinical and experimental evaluation of sulfanilamide in gonorrhea. *Tr. Am. Neisser. M. Soc.*, 1938, 4: 18-24. Also *Am. J. Syph.*, 1939, 23: 41-7.—**Cokkinis, A. J.** Treatment of gonorrhea with oral sulphanilamide; technique, toxic effects, and early results in 250 cases. *Brit. M. J.*, 1937, 2: 905-9.—**McElligott, G. L. M.** Relapses after sulphonamide cure of gonorrhea. *Ibid.*, 1939, 2: 1080-3.—**Sulphanilamide in gonorrhea; an analysis of 633 cases.** *Lancet*, Lond., 1938, 2: 355-62.—**Colas, J.** Vingt-trois cas de blenorragie masculine traités par le 1162 F, ou le 1399. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 742.—**Guilleret, P.** Guérison particulièrement rapide de la blenorragie aiguë masculine par le 146 per os. *Ibid.*, 1939, 46: 1377-9.—**Pellerat, J., & Peissel, J.** Premiers résultats du traitement exclusif de la blenorragie aiguë par deux nouveaux dérivés sulfamidés, 146 R. P. et 4-aminobenzosulfonacétamide. *Ibid.*, 370-6.—**Dahlenburg.** Erfahrungen mit Albucidbehandlung bei Gonorrhoe. *Arch. Derm. Syph.*, Berl., 1939, 179: 463-83.—**Dees, J. E., & Young, H. H.** The present status of sulfanilamide therapy in gonorrhea. *Vener. Dis. Inform.*, 1939, 20: 33-40.—**Dóczy, G.** [Experiences with sulfonamide therapy [in gonorrhea]] *Magy. urol.*, 1939, 2: 120-3.—**Doukan, G.** Résultats et accidents de 55 traitements par des dérivés organo-soufrés. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 352-64.—**Dufilhol.** Impressions sur le traitement de la blenorragie, aiguë et chronique, chez l'homme, par les dérivés sulfamidés, 1162 F et 693. *Ibid.*, 1939, 46: 452-5.—**Dugois.** Premières impressions sur le traitement de la gonococcie par le 1162 F. *Ibid.*, 1938, 45: 756-8.—**Durel, P.** Le traitement de la blenorragie depuis l'utilisation des sulfamidés envisagé du point de vue social. *Ann. hyg., Par.*, 1939, n. sér., 17: 156-63. Also *Prophyl. antivénér.*, Par., 1939, 11: 351-7.—**Engelhardt, N.** Erfahrungen mit dem Präparat Uliron in der Gonorrhöbehandlung. *Fortsch. Ther.*, 1938, 14: 196-201.—**Evans, K. L.** Treatment of gonorrhea with sulphanilamide; comparisons with oral sulphanilamide, vaccine and manganese butyrate in males and females. *Ind. M. Gaz.*, 1938, 73: 491. Also *Med. Press & Circ.*, Lond., 1938, 196: 269-72.—**Falk, C. A.** Mit Sulfanilamid behandelte Gonorrhöefälle an den dermatovenerologischen Abteilungen des St Görans-Krankenhauses, Stockholm (nur stationäre Patienten) *Acta dermat. vener.*, Stockh., 1939, 20: 433-6.—**Favre, M., Gaté, J.** [et al.] Résultats du traitement de la blenorragie féminine par les dérivés sulfamidés ou sulfonés; mars 1938, mars 1939. *Prophyl. antivénér.*, Par., 1939, 11: 308-32.—**Favre, M., Michel, P. J., & Chaniel, G.** Traitement de la blenorragie par le p-amino-phényl-sulfamide; statistique de la Clinique dermatovénérologique universitaire. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 719-26.—**Favre, M., Michel, P. J.** [et al.] Traitement de la blenorragie par les sulfamides; statistique de la clinique dermatologique universitaire. *Ibid.*, 1939, 46: 420-32.—**Felke, J.** Aussprache über die Ergebnisse mit der Ulirontherapie der Gonorrhoe. *Zbl. Haut Geschlkr.*, 1938, 59: 121-3.—**Ferrabouc, L., Henrion, J., & Goulène, F.** La para-aminophényl-sulfamide dans 44 cas de blenorragie. *Bull. Soc. méd. hôp. Paris*, 1938, 3. ser., 54: 39-41.—**Fournier, N.** Sur la valeur du sulfanilamide dans le traitement de l'infection neisserienne. *Union méd. Canada*, 1938, 67: 134.—**Gâte, J., & Guilleret, P.** A propos du traitement de la blenorragie par le para-aminophényl-sulfamide et ses dérivés; résultats obtenus dans le service de dermatosyphiligraphie de l'Antiquaille de septembre 1937 à février 1938. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 726-35.—**Girard.** Diminution du pourcentage des guérisons de la blenorragie par les sulfamides. *Ibid.*, 1940, 47: 70.—**Ardorino & Jaubert.** La chimiothérapie antigonococcique, 1162 F, 1399 F, 693, au dispensaire antivénérien de Toulon. *Ann. mal. vénér.*, 1939, 34: 83-92.—**Gonorrhea cured in 3 days by sulfanilamide treatment; in 830 cases treated, not a single complication occurred although usually they are common.** *Science News Lett.*, 1937, 32: 388.—**Gouverneur, R., Jaubert, A., & Motz, C.** Traitement de la blenorragie aiguë de l'homme par les dérivés sulfoconjugués des amines aromatiques, premiers résultats. *Bull. Soc. fr. urol.*, 1938, 48-60. Also *J. urol. méd.*, Par., 1938, 45: 429-40.—**Etat actuel du traitement de la blenorragie par les sulfamides.** *Gaz. hôp.*, 1939, 112: 590-4.—**Hanschell, H. M.** Clinical observations on the treatment of gonorrhea in the male with sulphanilamide. *Brit. J. Vener. Dis.*, 1938, 14: 18-41.—**Haxthausen, H., Emanuel, S., & Christiansen, S.** [Clinical experiences with sulfathiazol in treatment of gonorrhea] *Ugeskr. laeger*, 1940, 102: 1105-9.—**Hervé, L.** Résistance d'un blenorragique et de sa blenorragie à l'astreptine. *Bruxelles méd.*, 1937-38, 18: 1138-41.—**Hoberg, J. E., & Reck, L. E.** Report of 50 cases of gonorrheal infection in children treated with sulfanilamide. *Ohio M. J.*, 1938, 34: 1249.—**Hofmann, E.** Beobachtungen bei Ulironbehandlung der Gonorrhoe. *Derm. Wschr.*, 1938, 106: 101-3.—**Jannarone, G.** Osservazioni sulla chemio-terapia antigonococcica con la para-aminofenil-sulfamide. *Gior. med. mil.*, 1938, 86: 971-8.—**Jaubert, A., & Motz, C.** Etat actuel de la question des dérivés sulfo-conjugués des amines aromatiques dans le traitement de la blenorragie masculine. *Rev. méd. fr.*, 1938, 19: 617-23.—**Jobst, P.** [Elektyl in treatment of gonorrhea] *Gyógyászat*, 1938, 78: 708-10. — [Experiences with sulfonamide therapy of gonorrhea in males] *Magy. urol.*, 1939, 2: 116-9.—**Juvin, H., & Karaminkova.** Dix-huit observations de traitement de la blenorragie par le septolix. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 755.—**Kaganovich, I. I., & Trachtenberg, S. V.** [Clinical investigations of the action of sulfamid No. 30 in gonorrhea in women] *Sovet. med.*, 1940, 4: No. 19, 14.—**Kahn, A. H., & Kaufman, S. A.** [Clinical investigations of sulfidil treatment of gonorrhea in women] *Akush. gin.*, 1940, No. 5, 30-3.—**Kimbrough, J. C.** Sulfanilamide in the treatment of gonorrhea; report of the results obtained in 100 cases. *Mil. Surgeon*, 1939, 84: 568-77. Also repr.—**Kirchner, W.** Die Chemotherapie der weiblichen Gonorrhoe mit Uliron; ergebnisse und Erfahrungen an eigenen Krankheitsfällen. *Zbl. Gyn.*, 1939, 63: 867-71.—**Klapdohr, H.** Erfahrungen mit Uliron und Albucid bei der Behandlung der Gonorrhoe der Schwangeren. *Deut. med. Wschr.*, 1939, 65: 1163.—**Kovar, W. R.** Sulfanilamide in gonorrhea, report of case developing usual and unusual complications. *Nebraska M. J.*, 1938, 23: 467-70.—**Lacassagne, J., & Massia, M.** Examen du sang chez 40 malades traités par le 1162 F. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 766-71.—**Laumanns, M.** Ein Jahr orale Ulirontherapie bei weiblicher Gonorrhoe. *Derm. Wschr.*, 1939, 109: 972.—**Lebeuf, F.** Blenorragies traitées par le 1162 F.; statistique de clientèle. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 773-5.—**Lloyd, V. E., King, A. J.** [et al.] Discussion on sulphonamide therapy in gonorrhea. *Brit. J. Vener. Dis.*, 1939, 15: 100-40.—**Loos, H. O.** Zur Frage der Chemotherapie der Gonorrhoe mit Albucid. *Derm. Wschr.*, 1939, 108: 509-16.—**McCuskey, W. C. D., & McCuskey, J. F.** Clinical evaluation of sulphanilamide in the treatment of acute gonorrhea in the male. *West Virginia M. J.*, 1938, 34: 175-7.—**McGregor-Robertson, J. G.** Sulphanilamide in the treatment of gonorrhea; with special reference to a review of 100 early acute cases. *Glasgow M. J.*, 1938, 130: 1-17.—**Madaus.** Erfahrungen in der Gonorrhoebehandlung mit Albucid und neuen Abkömmlingen der Benzolsulfonamide. *Derm. Wschr.*, 1939, 109: 1220.—**Mascall, W. N., Assinder, E. W.** [et al.] Relapses after sulphonamide treatment of gonorrhea. *Brit. M. J.*, 1939, 2: 1204.—**Michel, P. J.** Le traitement de la blenorragie par les médicaments sulfamidés; résultats et impressions de clientèle. *Bull. Soc. fr. dermat. syph.*, 1938, 45: 775-8.—**Milian, Mansour, & Smilovici.** Statistique des cas de blenorragie soignés à l'Institut Alfred-Fournier par le 4, nitro 4 amino diphenyl sulfoxyde, corps 62. *Prophyl. antivénér.*, Par., 1938, 10: suppl., 19-25.—**Norden-**

skjöld, A. Experiences of sulphonamide compounds in gonorrhoea. *Acta paediat.*, Upps., 1939, 26: 325-33.—**Pelouze, P. S.** Gonorrhoea and sulfanilamide; an effort toward clinical orientation. *Am. J. Syph.*, 1939, 23: 48-53. — **Barnes, R. W.** [et al.] Gonorrhea in the male; results of treatment with sulfanilamide. *J. Am. M. Ass.*, 1940, 115: 1630-3.—**Périn, L., & Guérout, A.** Sulfamido-résistance secondaire à l'ingestion répétée de dérivés sulfamidés à petites doses. *Bull. Soc. fr. derm. syph.*, 1939, 46: 669-73.—**Pillon.** Chimiothérapie de la blennorrhagie; statistique de clientèle. *Ibid.*, 1938, 45: 764-6.—**Pronk, K. J.** [Results of treatment of gonorrheal infection with uliron] *Geneesk. tschr. Ned. Indië*, 1939, 79: 2799-807.—**Quintero, E., & Blanes, R. A.** Preliminary report of Disulon in the treatment of gonorrhea. *Puerto Rico Health Bull.*, 1939, 3: 133.—**Racouchot, J.** Résultat du traitement de la blennorrhagie par les sulfamidés, cas personnels. *Bull. Soc. fr. derm. syph.*, 1939, 46: 469-71.—**Reinhard, F. O., & Goldman, H.** Sulfanilamide, gonorrhea and the ambulatory clinic. *Baltimore Health News*, 1939, 16: 121-3.—**Reuter, F. A.** The use of sulfanilamide in the treatment of gonorrhea; report of results in 100 cases. *Med. Ann. District of Columbia*, 1937, 6: 117-20.—**Also Pittsburgh M. Bull., 1937, 26: 577-81. *Also Virginia M. Month.*, 1937-38, 64: 433-6.—**Saby, J., Blan, P., & Rouvier, J.** Résultats du traitement de 40 cas de blennorrhagie par le para-amino-phényl-sulfamide (septolix). *Bull. Soc. fr. derm. syph.*, 1938, 45: 738-40.—**Schoenrich, H.** Sulfanilamide in clinical gonorrhea; a study of 60 cases. *J. Urol. Balt.*, 1938, 40: 684-97.—**Sewell, G.** The use of sulfanilamide in the treatment of gonorrhea; report of results in 175 cases. *J. Michigan M. Soc.*, 1938, 37: 339-43. — The use of sulfanilamide in the treatment of gonorrhea; report of results in 325 cases. *Urol. Cut. Rev.*, 1939, 43: 192-5.—**Silver, B., & Elliott, M.** The use of sulfanilamide in 1,625 cases of gonorrhea in the male. *J. Am. M. Ass.*, 1939, 112: 723-9.—**Sipos, K.** Mit Elektly behandelte Gonorrhoe-krankhe. *Derm. Wschr.*, 1938, 107: 1495. *Also Zbl. Haut Geschlkr.*, 1938, 60: 590.—**Smith, W. H. Y., Weil, C. K., & Bird, B. C.** Sulfanilamide in gonococcal infection: the results of treatment and the leukocyte response. *Vener. Dis. Inform.*, 1939, 20: 119-22.—**Strempe, R.** Klinischer Beitrag zur Ullronbehandlung der Gonorrhoe des Mannes. *Med. Welt*, 1939, 13: 217-20.—**Stühmer, A.** Die Bedeutung der Ullronbehandlung der Gonorrhoe für die Praxis. *Ibid.*, 1938, 12: 1025-30.—**Stümpe, G.** Nochmals zur Ullronfrage. *Deut. med. Wschr.*, 1938, 64: 783.—**Sulphonamide treatment of gonorrhea; caution as to unrestricted use.** *Annual Rep. Chief M. Off. Min. Health, Lond.* (1937) 1938, 111.—**Thomas, R. B.** The treatment of gonococcal infection with sulfanilamide and related compounds; a critical review. *Tr. Am. Neisser. M. Soc.*, 1939, 5: 92-7.—**Tommasi, V.** Cura della blennorrhagia maschile acuta e cronica e sue complicanze con la para-amino-fenilsulfamide. *Policlinico*, 1938, 45: sez. prat., 847-51.—**Ulrich, R.** Ueber Erfahrungen mit Albuclid in der Gonorrhoebehandlung. *Derm. Wschr.*, 1939, 109: 967-72.—**Van Slyke, C. J., & Mahoney, J. F.** Further observations in sulfanilamide therapy of gonococcal infections. *N. York State J. M.*, 1940, 40: 122-9.—**Vest, S. A., Harrill, H. C.** [et al.] Studies in the use of sulfanilamide in gonorrhea; clinical observations. *J. Urol. Balt.*, 1938, 40: 716-35.—**Waugh, J. R., & Dawber, T. R.** Four hundred and seventy-three hospitalized male gonorrhea patients treated with sulfanilamide. *Am. J. Syph.*, 1939, 23: 477-89. *Also Hosp. News, Wash.*, 1939, 6: No. 8, 1-17.—**Wilkie, C. H.** Treatment of gonorrhoea by uleron; a review of 120 male cases. *Brit. M. J.*, 1939, 1: 57-62.—**Wright, W.** The results of sulfanilamide therapy in treatment of gonorrhea. *J. Lancet*, 1940, 60: 21-5.**

Treatment: Sulfapyridine.

See also Gonorrhea, Treatment: Chemotherapy.

PEREL, W. *Contribution à l'étude de la chimiothérapie sulfamidée dans la blennorrhagie féminine par l' α -para-amino-benzène sulfamidopyridine. 39p. 24cm. Par., 1939.

Albright, P. M., & Metcalfe, E. E. Treatment of gonococcal infection with sulfapyridine; 70 ambulatory cases treated aboard ship. *U. S. Nav. M. Bull.*, 1940, 38: 563-72.—**Batchelor, R. C. L., Lees, R.** [et al.] 2-sulphanilyl-aminopyridine (M & B 693) in treatment of gonorrhoea. *Brit. M. J.*, 1938, 2: 1142-5.—**Belcher, H. L.** Treatment of gonorrhoea by M & B 693. *J. R. Nav. M. Serv.*, 1939, 25: 249-55.—**Bonnerie, P.** [Abortive sulphapyridin treatment (M & B 693) of gonorrhoea] *Ugeskr. laeger*, 1940, 102: 1112-6.—**Bowie, F. J. T.** Chemotherapy in gonorrhoea; a preliminary report on the use of 2-(p-aminobenzenesulphonamido)pyridine, M & B 693. *Brit. M. J.*, 1938, 2: 283. — **Anderson, T. E.** [et al.] Treatment of gonorrhoea by M & B 693. *Ibid.*, 1939, 1: 711-6.—**Buhmann, A.** [Treatment of gonorrhea with M & B 693] *Ugeskr. laeger*, 1939, 101: 1159-71.—**Buist, T. P., & Simon, R. H.** Intensive treatment of gonorrhoea with M & B 693. *J. R. Army M. Corps*, 1940, 74: 229-31.—**Campos Freire, G. de.** Ação dos sulfo-conjugados sobre o espermatozoide, particularmente do corpo 693, Dagenan. *Rev. Ass. paul. med.*, 1939, 15: 355-64.—**Carman, J. A.** The treatment of gonorrhoea with dagenan. *East Afr. M. J.*, 1939-40, 16: 383-8.—**Charpy, J., & Bizot, M.** Impressions sur le traitement de la blennorrhagie par le 693. *Bull. Soc. fr. derm. syph.*, 1939, 46: 455-8.—**Chauvin & Bonnet, V.** Quelques précisions

sur la chimiothérapie du gonocoque; ce que nous pouvons attendre du 693 F. *Marseille méd.*, 1940, 77: 41-4.—**Cochet-Balmey.** Contribution à l'étude du daganan dans le traitement de la gonococcie. *Bull. Soc. fr. derm. syph.*, 1939, 46: 472-5.—**Cook, E. N., & Sutton, E. B.** Sulfapyridine in the treatment of gonorrhea. *Proc. Mayo Clin.*, 1939, 14: 293-8.—**Coumel.** Présentation de deux statistiques concernant le traitement de la blennorrhagie par le corps 693; l' α (para-amino-phényl-sulfamide) pyridine. *Bull. Soc. méd. mil. fr.*, 1939, 33: 78-87.—**Cuilleret, P.** A propos du traitement de la blennorrhagie aiguë par la α (p-amino-phényl-sulfamino-) pyridine. *Bull. Soc. fr. derm. syph.*, 1938, 45: 1715-24.—**Czipri, M.** [Treatment of female gonorrhoea with sulfanilylaminopyridin (ronin)] *Budapesti orv. ujs.*, 1940, 38: 208-11.—**Delbos, J.** A propos du traitement de la blennorrhagie aiguë par le corps 693. *Bull. Soc. fr. derm. syph.*, 1939, 46: 602.—**Dracoulides, N. N.** La chimiothérapie sulfamidopyridinique dans la blennorrhagie, daganan, premières observations en Grèce. *Ibid.*, 1938-6.—**Durel, P.** Essais de traitement de la blennorrhagie sans soins locaux par un nouvel agent chimiothérapique; l' α (p-amino-phényl-sulfamido-)pyridine, 693. *Ibid.*, 1938, 45: 960-6. *Also Bull. Soc. méd. hôp. Paris*, 1938, 3. ser., 54: 1531-7. *Also Gaz. méd. France*, 1938, 45: 1063-7. — Au sujet de l'emploi de la sulfapyridine dans la blennorrhagie. *Presse méd.*, 1940, 48: 260.—**Ferguson, C., Buckholtz, M., & Hingson, R. A.** Sulphapyridine in the treatment of gonococcal infections after sulphamylamide failure. *Am. J. M. Sc.*, 1940, 200: 365. *Also Hosp. News, Wash.*, 1940, 27: No. 20, 22-5.—**Fernet, P., Durel, P.** [et al.] L' α (p-amino-phényl-sulfamido) pyridine, corps 693, dans la blennorrhagie féminine. *Bull. Soc. fr. derm. syph.*, 1938, 45: 1701-9.—**Fernet, Ratner & Allinse.** Traitement de la blennorrhagie par le 693 injectable, soludagenan. *Ibid.*, 1939, 46: 1473-6.—**Fièvre, A.** Appréciation du traitement en clientèle de la blennorrhagie par les médicaments sulfamidés, 1162 F-693. *Ibid.*, 467.—**Gaté, J., Cuilleret, P.** [et al.] Résultats obtenus de juillet 1938 à janvier 1939 dans le traitement de la blennorrhagie aiguë par le α -p-amino-phényl-sulfamino-pyridine. *Ibid.*, 433-47.—**Girard, Ardornno & Jaubert.** Note sur 50 cas de blennorrhagie masculine traités par le 693, sans traitement local. *Ibid.*, 461-4.—**Groilet, L.** Essais de traitement de la blennorrhagie par l' α -para-amino-phényl-sulfamido-pyridine, 693. *J. prat., Par.*, 1938, 52: Suppl., 1966-84.—**Hoffman, C. A.** Clinical observations in the treatment of gonorrhea with sulfapyridine. *West Virginia M. J.*, 1940, 36: 347-52.—**Hogan, J. F.** Sulfapyridine in gonorrhea. *Bull. School M. Univ. Maryland*, 1940-41, 25: 109-11.—**Izac.** Vingt-cinq cas de blennorrhagie masculine exclusivement traités par le corps 693 (p-amino-phényl-sulfamido) pyridine, par voie buccale. *Bull. Soc. méd. mil. fr.*, 1939, 33: 93-101.—**Jambon, A., & Lacassagne, J.** Traitement de la blennorrhagie masculine par le daganan. *Bull. Soc. fr. derm. syph.*, 1939, 46: 447.—**Kaalund-Jørgensen, O.** [Treatment of gonorrhea with sulfanilamide, sulfapyridin and acetyl-sulfapyridin] *Ugeskr. laeger*, 1940, 102: 1116-8.—**Laird, S. M.** Late relapse following treatment of gonorrhoea with sulphapyridine. *Brit. M. J.*, 1940, 1: 967-9.—**Laurnagar, C. M.** Tratamiento local de la blenorragia por la acción de un colorante de la serie de piridina; el clorhidrato fenil-azo-alfa-alfa-diaminopiridina. *Sem. méd., B. Air.*, 1940, 47: 345-7.—**Lebeuf, F.** Traitement de la blennorrhagie par le daganan, statistique de clientèle. *Bull. Soc. fr. derm. syph.*, 1939, 46: 466.—**Lini, G.** [Treatment of gonorrhea with Ronin [sulfanilylaminopyridin] Magy. orv., 1939, 2: 142-7.—**Lloyd, V. E., Erskine, D., & Johnson, A. G.** Chemotherapy of gonorrhoea with M & B 693. *Lancet, Lond.*, 1938, 2: 1160-3.—**McGregor-Robertson, J. G.** Acute gonorrhoea treated with M & B 693; report on 100 cases. *Ibid.*, 1463-5.—**Meineri, P. A.** La sulfamido-piridina nella cura della blenorragia. *Policlinico*, 1940, 47: sez. prat., 81-7.—**Michon, L., & Mallah, B.** Emploi combiné des grands lavages de Janet et de la sulfamidopyridine à petites doses dans le traitement de la blennorrhagie. *Bull. Soc. fr. urol.*, 1939, 90-5. *Also J. urol. méd., Par.*, 1939, 47: 487-91.—**Nesbit, R. M.** Observations upon the site of action of sulfapyridine in gonorrhea. *J. Urol. Balt.*, 1940, 44: 242.—**Nguyen van Tung, Lam Chan Manh** [et al.] Le traitement de la blennorrhagie par le corps 693, Dagenan. *Ann. mal. vénér.*, 1939, 34: 577-93.—**Officer, J. M.** Treatment of gonorrhoea in the male with 2-sulphanilylaminopyridine (M & B 693) Dagenan] *J. R. Army M. Corps*, 1939, 73: 255-60. — Intensive treatment of gonorrhoea with M & B 693. *Ibid.*, 1940, 73: 209.—**Pacheco D., L., & Leyton R., G.** Sobre el empleo del Dagenan (693) en el tratamiento de la blenorragia. *Rev. méd. Chile*, 1939, 67: 761-79 [Discussion] 804-9.—**Palazzoli & Levinson.** Action de la α (p-amino-phényl-sulfamido) pyridine, corps 693, sur la gonococcie. *Ann. mal. vénér.*, 1938, 33: 599-606.—**Pastinszky, I.** [Value of sulfanilylaminopyridin in treatment of gonorrhea] *Gyógyászat*, 1939, 79: 394-8. *Also Wien. med. Wschr.*, 1940, 90: 550-5.—**Petro, J.** Observations on the rapid methods of treatment of gonorrhoea with sulphapyridine (M & B 693) *J. R. Nav. M. Serv.*, 1940, 26: 336-45.—**Pirilla, P.** [Treatment of gonorrhea with M & B 693] *Duodecim, Helsin.*, 1939, 55: 185-90.—**Prebble, E. E.** Treatment of acute gonorrhoea with M & B 693; an analysis of 65 cases. *Lancet, Lond.*, 1938, 2: 1163. — Results of treatment of gonorrhoea with sulphapyridine; further observations. *Brit. M. J.*, 1940, 1: 89.—**Prais, K.** [Treatment of gonorrhea with ronin] *Budapesti orv. ujs.*, 1939, 37: 925-7.—**Reyn, A.** [Treatment of gonorrhea with M & B 693] *Ugeskr. laeger*, 1939, 101: 466-72.—**Rubi, R. A.** Tratamiento de la blenorragia

aguda en el hombre por la sulfapiridina. Acción méd., B. Air., 1940, 10: 33-5.—**Saby, J., & Duval, M.** Statistique concernant 72 cas de blennorrhagie masculine traités par le 693, Dagenan. Bull. Soc. fr. derm. syph., 1939, 46: 448-50.—**Santori, G.** Sul trattamento della blennorrhagia con i preparati sulfamidopiridinici. Policlinico, 1939, 46: sez. prat., 2087-102.—**Sylvestre, L.** Traitement de la blennorrhagie masculine par le 693 dagenan. Union méd. Canada, 1939, 68: 722-5.—**Turon, R.** Premiers essais de traitement de la blennorrhagie masculine par chimiothérapie exclusive à l' α (p-amino-phényl-sulfamide) pyridine, 693 ou Dagenan. Bull. Soc. méd. mil. fr., 1939, 33: 87-93.—**Van Slyke, C. J., Mahoney, J. F., & Wolcott, R. R.** The sulfapyridine treatment of gonococcal infection in hospitalized males. Tr. Am. Neisser. M. Soc., 1939, 5: 120-4.—**Vondra, N., & Varsányi, F.** [Treatment of gonorrhea with sulfanilamidopyridin] Magy. urol., 1939, 2: 141. Also Orv. hetil., 1939, 83: 441-4.—**White, E. L.** A survey of 20 cases of sulfanilamide resistant gonorrhea treated with sulfapyridine. Hosp. News, Wash., 1939, 6: No. 18, 22-4.—**Wolkonowicz, M., & Burawski, J.** [Chemotherapy of gonorrhea by sulfonamid preparations; Dagenan] Przegl. derm., Warsz., 1938, 33: 576-84.

— Treatment: Untoward effects.

Abraham, J. J. The over-treatment of gonorrhoea. Lancet, Lond., 1937, 1: 1484; 2: 41.—**Barbellion, P.** Les traitements fantaisistes de la blennorrhagie. Rev. gén. clin. théor., 1930, 44: 118-20.—**Everhart, E. S.** The use and abuse of methods intended for the cure of gonorrhea. Pennsylvania M. J., 1935-36, 39: 794-7.—**Grünig, E.** Schädigungen bei der chemotherapeutischen Behandlung der Gonorrhoe mit Disseptal. Med. Klin., Berl., 1938, 34: 1399-403.—**Hanschell, H. M.** The over-treatment of gonorrhoea. Lancet, Lond., 1937, 1: 1545.—**Hoffmann, R. S.** Todesfall im Verlauf einer Gonorrhoebehandlung. Zbl. Gyn., 1927, 51: 845-7.—**Janet, J.** Cas curieux de pénétration de l'argyrol dans le périnée à la suite d'une injection à la seringue. Bull. Soc. fr. urol., 1934, 31. Also J. urol. méd., Par., 1934, 37: 227.—**Johnson, S. H., & Pepper, D. S.** The evaluation and dangers of the treatment of gonorrhea with derivatives of the sulfonamide-azo dyes. Week. Roster, Phila., 1937, 33: 465; 467.—**Lilienstein.** Exitus letalis nach intravenöser Arthigoninjektion. Derm. Wschr., 1929, 89: 1985.—**Nicholls, M. F.** The over-treatment of gonorrhoea. Lancet, Lond., 1937, 2: 221.—**Nicolas, J., Rousset, J., & Colas, J.** Urticaire à grand placard et à type d'érythème annulaire, au cours d'une blennorrhagie traitée par des balsamiques. Bull. Soc. fr. derm. syph., 1936, 43: 21.—**O'Meara, P. J.** A case of severe haematuria complicating treatment of gonorrhoea with M & B 693. J. R. Nav. M. Serv., 1940, 26: 284-6.—**Overtreatment (The)** of gonorrhoea. J. Am. M. Ass., 1937, 108: 1981.—**Palazzoli, M.** Deux cas de manifestations d'intolérance rénale d'apparence grave dues au mercurochrome et à la gonacrine. Bull. Soc. fr. urol., 1936, 155-7.—**Pitter, J.** [Partial paralysis of the oculomotor nerve during the course of chemotherapy of gonorrhea] Cas. lek. česk., 1940, 79: 375.—**Rabinovich, E. A.** [Prophylaxis of complications in the course of treatment of gonorrhea in men] Radianska med., 1939, 4: No. 3, 52-4.—**Rotter, H.** Akute Exantheme im Verlauf moderner Gonorrhoebehandlung. Wien. klin. Wschr., 1937, 50: 1744.—**Volavsek, W.** Zur Klinik und Pathogenese von Hautveränderungen als Neben- und Folgeerscheinung der neueren Chemotherapie der Gonorrhoe. Derm. Wschr., 1939, 108: 1-7.

— Treatment—in the female.

BECKER, H. *Die neuzeitliche Behandlung der Gonorrhoe an der Bonner Universitäts-Frauenklinik in den Jahren 1922-23 bis 1930-31. 66p. 8°. Bonn, 1932.

ELKIN, M. V. [Gonorrhea of women and its treatment] 48p. 12°. [Leningr.] 1926.

GLASER, A. *Die Diagnose und Therapie der selteneren Lokalisationen der weiblichen Gonorrhoe. 49p. 8°. Würzb., 1935.

GUÉROULT, A. *Quelques acquisitions récentes dans le traitement de la blennorrhagie féminine. 50p. 25½cm. Par., 1939.

PFRIEME, E. *Troeknenpulverbehandlung bei der weiblichen Gonorrhoe [Marburg] 15p. 21cm. Bleicherode-Harz, 1936.

SCHWAB, W. *Ueber die Behandlung der Gonorrhoe des Weibes unter moderneren Gesichtspunkten [Kiel] 31p. 8°. Pfullingen, 1931.

Arzt, H. Progresos en la terapéutica de la gonorrhea femenina. Rev. méd. germ. iber. amer., 1938, 11: 257-64.—**Ayers, H. E.** The treatment of gonorrhea in the female. Am. J. Surg., 1928, n. ser., 4: 295-8.—**Barringer, E. D.** The treatment of gonorrhea in the female. J. Am. M. Ass., 1934, 103: 1825-30.—**Bauer, R., & Schwarz, J.** Beitrag zur Behandlung der weiblichen Gonorrhoe auf Grund statistischer Erhebungen. Wien. klin. Wschr., 1929, 42: 1221-3.—**Bering.** Behandlung

der weiblichen Gonorrhoe. Zbl. Haut. Geschlkr., 1936, 53: 523-5.—**Biliński, S.** [Treatment of gonorrhea in women] Polska gaz. lek., 1936, 15: 163-6.—**Bladin, L.** [Treatment of gonorrhea in females] Sven. läk. tidn., 1930, 27: 411.—**Brown, K. S. M.** The treatment of gonorrhea in the female. Med. J. Australia, 1934, 2: 494.—**Bruck, C.** Sobre el tratamiento de la gonorrhea femenina. Rev. méd. veracruz., 1926-27, 6: 7: 286-91.—**Bryant, J. M.** Newer methods in the treatment of neisserian infection in the female. J. Florida M. Ass., 1930-31, 17: 61-4.—**Bucura, C.** Richtlinien zur Behandlung des weiblichen Trippers und seiner Folgen. Wien. klin. Wschr., 1928, 41: 1468. Also Wien. med. Wschr., 1928, 78: 987; 1042.—**—** Richtlinien zur Behandlung der weiblichen Gonorrhoe. Ibid., 1934, 84: 117-9. Also Med. iber., 1934, 29: pt 2, 54-6.—**Casselmann, A. J.** Gonorrhoea in women; a simplified continuous local application. Brit. J. Vener. Dis., 1927, 3: 340-2.—**Croin, E. G. E.** [Janet's method and resorption treatment in gonorrhea in women and girls] Ned. tscr. geneesk., 1933, 77: 3336-50.—**Crowder, R. E.** Gonorrhea in the female. Urol. Cut. Rev., 1939, 43: 621-3.—**Dabney, M. Y.** Treatment of gonorrhea in women. South. M. J., 1926, 19: 357-9.—**Dachschlegler, E. K.** [Method of dry treatment of gonorrhea in girls] Sovet. vest. vner., 1934, 3: 358-63.—**Dóczy, C.** [Data on clinical therapy of gonorrhoea in women] Orvosi hetil., 1927, 71: 1199-201. Also Wien. klin. Wschr., 1928, 41: 64.—**Douds, E. H.** Treatment of gonorrhoeal infection in the female. Hahneman. Month., 1938, 73: 575-7.—**Fabre, M., Papillon & Pecker.** Les traitements de la blennorrhagie génitale féminine. Ann. mal. vénér., 1939, 34: 105-8. Also Rev. fr. gyn. obst., 1938, 33: 321-83.—**Falkenstein, F.** Neue Wege in der Behandlung der weiblichen Gonorrhoe. Derm. Wschr., 1932, 95: 1785-97.—**Feigel, I. I., Kagan, N. P.** [et al.] [Significance of the antigen reaction in treatment of gonorrhea in women] Akush. gin., 1939, 34-41.—**Feigel, I. I., Savitskaia, O. I.** [et al.] [Significance of the antigen reaction in treatment of gonorrhea in women] Ibid., No. 5, 74-80.—**Feigel, I. I., Orlov, T.** [et al.] [Clinical and serological value of the antigen reaction in treatment of gonorrhea in women] Ibid., 1937, No. 4, 31-40.—**Fessler, A.** Zur Therapie der weiblichen Gonorrhoe. Med. Klin., Berl., 1929, 25: 824-7.—**Fobes, J. H., & Eckes, W. P.** The treatment of gonorrhea in the female. Hahneman. Month., 1926, 61: 556-64.—**Franz, R.** Die Behandlung der weiblichen Gonorrhoe. Aerztl. Prax., Wien, 1935, 9: 231. Also Wien. klin. Wschr., 1935, 48: 402-4.—**Fuchsjaeger, W.** Ein Beitrag zur Behandlung des postgonorrhoeischen Fluors. Wien. med. Wschr., 1938, 88: 617.—**Gauss, C. J.** Lokale oder allgemeine Behandlung der weiblichen Gonorrhoe? Deut. med. Wschr., 1938, 64: 1709-12. Wandlungen in der Erkennung und Behandlung der weiblichen Gonorrhoe. Wien. klin. Wschr., 1938, 51: 1209-13. Altes und Neues über die Behandlung der weiblichen Gonorrhoe. Zbl. Gyn., 1939, 63: 466.—**Geller, F. C.** Zur Gonorrhoebehandlung bei der Frau. Ibid., 1931, 55: 1451-60.—**Gonorrhoea in women:** outlines of treatment. Calcutta M. J., 1937, 32: 83-5.—**Gordon, C. A.** Practical points in the management of gonorrhea in women. Am. J. Surg., 1930, n. ser., 8: 304-7. Also repr.—**Groner, P.** Zur lokalen Behandlung der weiblichen Gonorrhoe. Wien. med. Wschr., 1933, 83: 400.—**Heimann, F., & Schrenk, F.** Das Problem der weiblichen Gonorrhoe (unter besonderer Berücksichtigung ihrer Behandlung) Mschr. Geburtsh. Gyn., 1934, 98: 10-23.—**Henneberg, A.** Die Behandlung der Gonorrhoe der Frau mit 40 prozentigem Olobintin. Münch. med. Wschr., 1938, 85: 1673.—**Hofstätter, R.** Therapie der weiblichen Gonorrhoe. Wien. med. Wschr., 1938, 88: 493; 522.—**Holzamer, H.** Ueber die Behandlung der weiblichen Gonorrhoe mit Quellstäben. Med. Klin., Berl., 1926, 22: 697.—**Horowitz, E. A., & Goldberg, J. A.** Clinic treatment of gonorrhea in women in New York City. J. Social Hyg., 1938, 21: 37-41.—**Jacoby, A.** Gonorrhea in the female; a new method of treatment. Long Island M. J., 1926, 20: 329-35.—**Jahnke, G.** Ueber Fluorbehandlung mit Tampogavan, unter besonderer Berücksichtigung der weiblichen Gonorrhoe. Fortsch. Ther., 1927, 3: 665.—**Janet, J.** Traitement de la blennorrhagie basse de la femme. Paris méd., 1926, 59: 231-5.—**—** & **Maringer.** Traitement préventif de la blennorrhagie féminine pendant la période d'incubation. J. urol. méd., Par., 1934, 38: 550.—**Kan, A. G.** [Basic principles in the treatment of gonorrhea in women] Sovet. vest. vner., 1934, 3: 1007-12.—**Katz, T.** Zur Behandlung der Gonorrhoe des Weibes. Derm. Wschr., 1928, 87: 1214-16.—**Kaufmann, S. A.** [Gonorrhea in women and dispensary treatment] Vener. derm., Moskva, 1929, 6: 36-48.—**Kichin, A. M.** [Paraffin therapy of gonorrhea in women] Vest. vner., 1939, No. 8, 37-9.—**Kjellberg, G.** [Treatment of gonorrhea in women] Sven. läk. tidn., 1937, 34: 1217-20.—**Klaften, E.** Die Behandlung der Oberflächen-gonorrhoe des Weibes. Wien. klin. Wschr., 1935, 48: 875-7. Also Aerztl. Prax., Wien, 1936, 10: 12-4.—**Kolegaev, G. A., & Slonitsky, V. P.** [Investigation on the possibility of treatment of gonorrhea in women, without intermission during the menstrual period] Akush. gin., 1938, No. 11, 69-71.—**Korn, W.** Moderne Gonorrhoebehandlung der Frau. Med. Welt, 1938, 12: 309-13.—**Krzonkalla.** Eine neue Behandlungsmethode der Gonorrhoe des Weibes. Münch. med. Wschr., 1926, 73: 1822.—**Kuhn, R.** Die Gonorrhoebehandlung bei der Frau (die chemische und biologische Methode sowie die Selbstbehandlung mittels Tampogavan) Fortsch. Med., 1925, 43: 366-8.—**Lang, O.** Die Behandlung der weiblichen Gonorrhoe. Ther. Gegenwart, 1928, 69: 115; 166.—**Lázár, K.** [Gynecological viewpoint of treatment of gonorrhea] Orv. hetil., 1933, 77: 917-20.—**Lewis, R. M.** Fundamental principles of

- treatment of gonococcal infections of women. Connecticut M. J., 1940, 4: 662.—**Lilienthal, L.** Zur Behandlung der Gonorrhoe des Weibes und zur Begutachtung der Heilung derselben (gleichzeitig ein Beitrag zur Verwendung von Urethral-Stäbchen und Ormietten) Med. Klin., Berl., 1929, 25: 718.—**Lippert, H.** Die Querstäbchenbehandlung der weiblichen Gonorrhoe, ein technischer Fortschritt. Derm. Wschr., 1927, 85: 1088-90.—**McClure, H. L.** Diagnosis and treatment of gonorrhoea in the female. Ulster M. J., 1936, 5: 36-40.—**Magid, M. O.** Treatment of gonorrhoea in women. Am. Med., 1930, 25: 288-91.—**Mahfuz Bey, N.** The treatment of chronic gonorrhoeal infections in women. J. Egypt. M. Ass., 1931, 14: 3-13.—**Maier, E.** Zur Diagnose und Therapie der weiblichen Gonorrhoe. Schweiz. med. Wschr., 1926, 56: 961. Also Zbl. Gyn., 1926, 50: 806-10.—**Management (The)** of gonorrhoea in the female. Vener. Dis. Inform., 1938, 19: 283-7.—**Marthens, J. G.** The treatment of gonorrhoea in women. Urol. Cut. Rev., 1937, 41: 105-8.—**Martin, H. W.** Treatment of uncomplicated gonorrhoea in the female. Med. J. & Rec., 1926, 123: 246. Also repr.—**Meinhardt, S., & Kisely, G.** [New method of local treatment in female gonorrhoea and erosion of the portio] Orv. hetil., 1939, 83: 616-8.—**Metzmacher, P. J.** Zur Behandlung der Frauengonorrhoe. Derm. Wschr., 1933, 96: 881-3.—**Miles, L. M.** Treatment of gonorrhoeal infections in the female. Southwest M., 1935, 19: 65-71.—**Mühle.** Neuere Erfahrungen in der Behandlung weiblicher Gonorrhoea und anderer Fluorerkrankungen. Med. Klin., Berl., 1938, 34: 1100.—**Mueller, E. A.** Moderne Gonorrhoe-Therapie. Arch. Gyn., Berl., 1930, 140: 600-15.—**Nassauer, M.** Ueber die Gonorrhoebehandlung der Frau. Mschr. Harnk. sex. Hyg., 1927, 1: 110-6.—**Nicol, H.** The modern treatment of gonorrhoea in women. Med. Press & Circ., Lond., 1938, 197: 168-71.—**Notes, B.** Routine treatment of gonorrhoea in females; nonantiseptic method. Am. J. Obst., 1935, 30: 121-3. Also Med. Ann. District of Columbia, 1939, 8: 111.—**Pfeifer, G.** [Treatment of gonorrhoea in women] Gyógyászat, 1930, 70: 574-7.—**Popoff, A. V.** [Treatment of gonorrhoea in women] J. akush., 1930, 41: 215-21.—**Popp, L.** Zur Lokalbehandlung der weiblichen Gonorrhoe. Mschr. Geburtsh. Gyn., 1937-38, 107: 10-8.—**Propp, A.** Zur Behandlung des Trippers der weiblichen Harnröhre. Derm. Zschr., 1935, 71: 125-8.—**Psychembel, W.** Fortschritte in der medikamentösen Gonorrhoebehandlung der Frau. Deut. med. Wschr., 1935, 61: 1081.—**Pugh, W. S.** Gonorrhoea in the female: its modern treatment. Med. World, 1933, 51: 190-3.
- Gonorrhoea in women: a consideration of its treatment. Med. Clin. N. America, 1935, 19: 911-20.—**Putte, P. J. van** [Treatment of gonorrhoea in women] Ned. tscr. geneesk., 1936, 80: 969-76.—**Ragab, A. F.** Summary of the paper read at the 9th medical congress on observations on the treatment of gonorrhoea in the female. J. Egypt. M. Ass., 1937, 20: 342-5.—**Reisner, A.** Die Bedeutung der örtlichen und allgemeinen Behandlung des Trippers beim Weibe für die weitere Ausbreitung auf die Gebärmutteranhänge. Zschr. Geburtsh. Gyn., 1928, 93: 676-90.—**Review (A)** of the diagnosis and treatment of gonorrhoea in women. N. England J. M., 1935, 212: 848-50.—**Richter, W.** Die weibliche Gonorrhoebehandlung mit Tampovagan. Deut. med. Wschr., 1926, 52: 1823.—**Ruhli, R. A.** La blennorragia en la mujer. Dia méd., B. Air., 1940, 12: 251-5.—**Ruiz, V.** Diagnóstico y tratamiento de la gonococcia femenina. Ibid., 1935, 7: 1237-40.—**Saenger, H.** Die Behandlung der weiblichen Gonorrhoe. Aerztl. Prakt., 1931-32, 2: 44; 74; 88.—**Sandes, G. M.** The treatment of acute gonorrhoea with special reference to the prevention of complication in the female. Ind. M. Rec., 1933, 53: 294-6.—**Saunders, A. M., & Weaver, I.** Diagnosis and treatment of gonorrhoea in the female. Illinois M. J., 1927, 52: 217-9.—**Schmidt von Elmen-dorff, H. R.** Zur Diagnose und Behandlung der weiblichen Gonorrhoe. Zbl. Gyn., 1936, 60: 962-5.—**Schubert, M.** Zur Diagnose und Therapie der weiblichen Gonorrhoe. Med. Welt, 1931, 5: 118.—**Jachmann, E. von.** Zur Behandlung der weiblichen Gonorrhoe. Derm. Wschr., 1935, 101: 1079-83.—**Skutta, A.** [Suction treatment of gonorrhoea in females] Gyógyászat, 1934, 74: 193; 212; 236; 248; 264; 279.—**Slonitsky, V. P.** [Continuous treatment of gonorrhoea during the intermenstrual period and during menstruation] Akush. gin., 1939, 68-71.—**Sommer, K. H.** Zur Diagnose und Therapie der weiblichen Gonorrhoe. Deut. Militärarzt, 1938, 3: 301-4.
- Einiges Grundsätzliche zur Gonorrhoeotherapie bei der Frau. Geburtsh. & Frauenh., 1939, 1: 59-64.—**Sommer, S.** Neuzeitliche Behandlung der Gonorrhoe der weiblichen Geschlechtsorgane. Klin. Fortbild., 1936, 4: 60-9.—**Sosnowska, La** blennorragie chronique chez les femmes soignées et guéries par le massage gynécologique et le régime désintoxicant. Rev. fr. gyn. obst., 1938, 33: 722-4.—**Spinz, O.** Unzulänglichkeiten bei der Gonorrhoebehandlung berufstätiger Mädchen. Derm. Wschr., 1929, 88: 311-4.—**Stein, A.** Zur Behandlung der frischen Gonorrhoe bei der Frau. Zbl. Gyn., 1929, 53: 1708.—**Stein, R. O.** Die Therapie der weiblichen Gonorrhoe. Aerztl. Prax., Wien, 1932, 6: 40-4. Also Mitt. Volksgesundh., 1932, 45: 1932 [Aerztl. Prax.] 40-4. Also Wien. klin. Wschr., 1932, 45: 80-4.—**Szegő, P.** [Examination and treatment of gonorrhoea in women] Gyógyászat, 1930, 70: 771-6.—**Tempesváry, M.** [Treatment and course of gonorrhoea in women] Orv. hetil., 1927, 71: 400-2.—**Thomson, G. M.** A synopsis of the diagnosis and treatment of gonorrhoea in the adult female. Newcastle M. J., 1939, 19: 74-82.—**Vincent, G.** La blennorragie féminine: son diagnostic et son traitement. J. obst. gyn., Par., 1933, 4: No. 6, 3-16.—**Waldcey, L.** Prüfung neuer Behandlungsmethoden bei der chronischen Gonorrhoe des Weibes. Deut. med. Wschr., 1933, 59: 1861-5.—**Warner, B.** Out-patient treatment of gonorrhoea in women. Med. J. Australia, 1936, 2: 747-9.—**Watson, D.** The diagnosis and treatment of gonococcal infection in the female. Urol. Cut. Rev., 1927, 31: 203-7.—**Westman, A.** [Treatment of gonorrhoea in women] Sven. läk. tidn., 1937, 34: 303-8.—**Winder, P. W.** Treatment of acute gonorrhoea in the female. Tristate M. J., 1937-38, 10: 1950; 1955.—**Wolfram, S.** Fortschritte in der Therapie der weiblichen Gonorrhoe. Wien. klin. Wschr., 1937, 50: 1776. Also Wien. med. Wschr., 1936, 86: 1160-4.
- Treatment—in the male.
- See also other subheadings (Epididymis; Urethritis, &c.)
- BIRNBAUM, G.** Die Behandlung des Trippers beim Manne. p.177-232. 8° Berl., 1934.
In Haut & Geschlkr. (Arzt & Zieler) Berl., 1934, 5:
- JANSON, E.** *Ueber die Behandlung besonders hartnäckiger Fälle männlicher Gonorrhoe [München] 20p. 21cm. Gütersloh i. Westf., 1936.
- Alles, E. C.** The treatment of gonorrhoea in the male. J. Ceylon Brit. M. Ass., 1926, 23: 187-93.—**Balog, L.** Die theoretischen Grundlagen der Tripperbehandlung beim Manne. Arch. Derm. Syph., Berl., 1926, 151: 468-71. Also Urol. Cut. Rev., 1927, 31: 775-82. — Die Diagnose und Therapie der Gonorrhoe des Mannes. Zschr. Urol., 1932, 26: 48-55.—**Branham, D. W.** Treatment of gonorrhoea in the male. J. Oklahoma M. Ass., 1937, 30: 168; 262; 298; 374. Also Med. Surg. Suggestions, Madras, 1939, 8: 3; 58; 94.—**Cicotte, F. J.** Diagnosis and treatment of gonorrhoea in the male. Clin. M. & S., 1930, 37: 264-6.—**Deakin, R.** Standardization in the treatment of gonorrhoea in the male. J. Missouri M. Ass., 1937, 34: 149-53.—**Fetter, T. R.** Acute gonorrhoea; male, a concept of its modern treatment. Pennsylvania M. J., 1930-31, 34: 10-6.—**Förtig, H.** Grundsätzliches zur Behandlung und Heilung der Gonorrhoe des Mannes. Med. Klin., Berl., 1928, 24: 1304-6.—**Forssman, J.** [Treatment of gonorrhoea in men and children] Sven. läk. tidn., 1937, 34: 256-63.—**Fuhs, H.** Therapie der männlichen Gonorrhoe. Wien. med. Wschr., 1932, 82: 1317; 1348; 1936, 86: 123; 186.—**Gill, E. L.** Treatment of gonorrhoea in the male. Tristate M. J., 1937-38, 10: 1947; 1955.—**Gluckman, H.** Treatment of gonorrhoea in the male. S. Afr. M. J., 1936, 10: 91.—**Janet, J.** Avenir du traitement de la blennorragie masculine. Prophyl. antivenér., Par., 1939, 11: 333.—**Kahle, P. J., & Beacham, H. T.** Treatment of uncomplicated gonorrhoea in the male. Tristate M. J., 1935-36, 8: 1671-80.—**Kholtzov, B. N.** [Basic principles in treatment of acute and chronic gonorrhoea in men] Sovet. vrach. gaz., 1932, 36: 1292-8.—**Lablénik, B. S.** Revue de l'état actuel de la question du traitement de la blennorragie chez l'homme. Ann. mal. vénér., 1931, 26: 561-80.—**Leopold, A.** Zur Behandlung der männlichen Gonorrhoe. Deut. med. Wschr., 1931, 57: 1979.—**Mayr, J. K.** Die Behandlung der männlichen Gonorrhoe. Zschr. ärztl. Fortbild., 1935, 32: 495-7.—**Moncorps, C.** Versäumnisse und Fehler bei der Gonorrhoebehandlung des Mannes in der Allgemeinpraxis. Jahrbuch. ärztl. Fortbild., 1936, 27: H. 4, 8-16.—**Redewill, F. H.** Treatment of gonorrhoea in the male. Clin. M. & S., 1937, 44: 205-9.—**Ross, A. O. F.** The treatment of gonorrhoea in the male. Med. Press & Circ., Lond., 1938, 196: 190-4.—**Roth, L. J.** Treatment of gonorrhoea in the male. Urol. Cut. Rev., 1936, 40: 577-80.—**Ruge.** Acerca del tratamiento de la blenorragia masculina. Rev. méd. Hamburgo, 1938, 9: 103. Also Tunghi med. Mschr., 1928-29, 4: 182-4.—**Scherber, G.** Der Verlauf der gonorrhoeischen Infektion beim Manne und ihre Behandlung. Wien. med. Wschr., 1930, 80: 1379; passim.—**Scott, D. E.** Treatment of gonorrhoea in the male. Kentucky M. J., 1940, 38: 336-40. Also West Virginia M. J., 1940, 36: 341-6.—**Smirnov, N. A.** [Treatment of acute gonorrhoea in men in villages] Urologia, Moskva, 1934, 11: 97-102.—**Spence, H. D. L.** Notes on the treatment of gonorrhoea in the male. Lancet, Lond., 1930, 1: 19-21.—**Stephens, W. F.** Gonorrhoea in the male; its treatment and general handling in the community. Med. J. Australia, 1940, 2: 255-8.—**Thomson, G. M., & McLachlan, A. E. W.** A synopsis of the diagnosis and treatment of gonorrhoea in the male. Newcastle M. J., 1939, 19: 103-14.—**Tottie, M.** The treatment of gonorrhoea in the male. Acta derm. vener., Stockh., 1938, 19: 38-48.—**Treatment (The)** of gonorrhoea in the male. N. England J. M., 1936, 214: 527-33.—**Voitashevsky, I. B.** [Treatment of gonorrhoea in men] Vrach. delo, 1936, 19: 137-40.—**Whaley, J. D.** The treatment of gonorrhoea in the male from the standpoint of the general practitioner. J. S. Carolina M. Ass., 1933, 29: 159-62.—**Wiedmann, A.** Diagnose und Therapie der männlichen Gonorrhoe. Mitt. Volksgesundh., Wien, 1933 [Aerztl. Prax.] 167-70. — Behandlung der männlichen Gonorrhoe. Wien. med. Wschr., 1934, 84: 711-4.—**Wishengrad, M.** On the treatment of gonorrhoea in the male. Med. Rec., N. Y., 1937, 145: 145-7.
- Ulcer.
- SCIALON, A.** *Le chancre blennorragique. 68p. 8° Par., 1931.
- Belgodère, G.** Les chancres blennorragiques. Paris méd., 1930, 75: 431-8.—**Bise, E.** Deux observations de chancres blennorragiques. Rev. méd. Suisse rom., 1937, 57: 47-52.—

Erdélyi, I. [Gonorrheal ulcer of the skin of penis] Gyógyászat, 1933, 73: 523.—Farber, M. I. [Gonorrheal ulcers] Vener. derm., Moskva, 1930, 7: 24-34. — [Gummatous, gonococcal ulcerations of the external urethral orifice] Ibid., 1931, 8: 20-2.—Gougerot, Burnier & Blum. Un cas de chancre blennorrhagique. Bull. Soc. fr. derm. syph., 1928, 35: 808.—Jušky, V. [Case of gonorrheal ulcer of the prepuce] Medicina, Kaunas, 1939, 20: 132.—Lionetti, G. Contributo alla conoscenza dell'ulcera blennorrhagica. Gazz. internaz. med. chir., 1934, 43: 1-9.—Sézary, A., & Benoist, F. Ulcération blennorrhagique du méat; action remarquable des pansements au sérum antigonococcique. Bull. Soc. fr. derm. syph., 34: 771.

Urethritis.

PELOUZE, P. S. Gonococcal urethritis in the male, for practitioners. 357p. 8° Phila., 1928.

Asch, P. Urethritis gonococcicae et non gonococcicae. Ann. mal. vénér., 1931, 26: 241-56, pl.—Beutel, G. P. Gonococcal urethritis (gonorrhoea) Urol. Cut. Rev., 1925, 29: 535-7. — Gonococcal urethritis; a semi-critical commentary. Ibid., 1929, 33: 37-9.—Epler, R. [On postgonorrheal urethritis in men] Polska gaz. lek., 1928, 7: 761-4.—Feleky, P., & Kertész, A. [Course of gonorrheal urethritis] Budapesti orv. ujs., 1929, 27: 289.—Frank, G. Urethritis gonococcicae et non-gonococcicae. Ann. mal. vénér., 1928, 23: 809; 1931, 26: 20.—Leckie, G. Acute gonorrheal urethritis. Rep. Wayne Co. M. Soc., 1934-35, 5: 31-6.—McBee, T. J. Anterior urethritis. Urol. Cut. Rev., 1925, 29: 711-5.—McKee, W. P. Gonorrheal urethritis in the male. Kentucky M. J., 1940, 38: 343-5.—Pelouze, P. S. Gonorrheal urethritis in the male; an interpretation of the disease based upon the correlated findings from many fields. Med. J. & Rec., 1926, 123: 7-11.—Rosenfeld, G. E. [One thousand four hundred and sixty-two cases of acute gonorrheal urethritis in men] Vener. derm., Moskva, 1930, 7: 31-5.—Schwartz, W. H. Specific urethritis. Pacific Coast J. Homoeop., 1936, 47: 281-93.—Sinclair, D. A. Acute urethritis in the male. Internat. J. Surg., 1925, 38: 479-84.

Urethritis, chronic.

PETIT, J. *Persistence de l'infection gonococcique de l'urètre due à des cavernes prostatiques. 68p. 8° Par., 1935.

THEVENARD, P. *Les blennorrhagies prolongées de l'urètre antérieur. 47p. 8° Par., 1931.

Belin, L. M. Latency in gonorrheal urethritis in men. Clin. M. & S., 1932, 39: 270-3.—Berne-Lagarde, R. de, & Beaufond, F. H. de. La blennorrhagie chronique chez l'homme; ses complications urétrales et para-urétrales; son traitement par les auto-vaccins. J. méd. fr., 1926, 15: 117-20.—Bierhoff, F. Chronic anterior gonorrheal urethritis. Internat. J. Surg., 1925, 28: 484-7.—Bizard & Maisler. Traitement de la blennorrhagie chronique par la dilatation gazeuse, méthode Maisler. J. méd. Paris, 1928, 47: 313.—Bonnet, E. Deux cas d'urétrite gonococcique persistante guéris par le lavage des vésicules. Arch. mal. reins, 1934, 8: 615.—Escande, L. Le massage des glandes annexes de l'urètre dans le traitement de l'urétrite chronique. Clinique, Par., 1925, 20: 97.—Geiger, R. Zur endoskopischen Diagnostik und Therapie der Urethritis gon. chron. ant. Aertzl. Prax., 1935, 9: 179-82. Also Wien. klin. Wschr., 1935, 48: 218-20.—Grille. Les traitements électriques dans l'urétrite chronique. Clinique, Par., 1925, 20: 99.—Jablenik, B. S. [Treatment of chronic gonorrhoea in men by tamponade of the urethra] Sovet. vest. vener., 1932, 29.—Jalifier. La dilatation dans les urétrites chroniques. Clinique, Par., 1925, 20: 94-7.—Le Fur, R. De la vacinothérapie et de la scrothérapie dans l'urétrite chronique. Ibid., 84-6.—Luys, G. Traitement moderne de l'urétrite chronique. Ibid., 79-83.—Michaelis, O. La vaccinothérapie locale dans le traitement des urétrites chroniques et sa technique. Bruxelles méd., 1925-26, 6: 789-92. Also Pensiero med., 1926, 15: 364-6.—Oro, A. Infezione gonococcica ed uretrite gonococcica cronica d'embolie. Riforma med., 1934, 50: 697.—Sacchi, G. La elettrocoagulazione del trattamento di certe uretriti gonococciche inveterate. Arch. ital. urol., 1926-27, 3: 309-12.—Urdapilleta, V. Nuevo procedimiento para el tratamiento de la blenorragia crónica en el hombre. Rev. espec., B. Air., 1927, 2: 1040-8.—Ventzel, V. E. [Tamponage of the urethra in treatment of chronic gonorrhoea] Vrach. gaz., 1930, 34: 1596-8.

Urethritis: Complications.

See also other subheadings.

GARY, F. J. *Les urétrorragies dans la blennorrhagie aiguë. 44p. 25cm. Bord., 1937.

SOLFRANK, F. *Strikturen der Harnröhre bei männlicher Gonorrhoe. 24p. 8° Münch., 1928.

Bernardi, R. Uretra doble con blenorragia. Sem. méd., B. Air., 1934, 41: 1141-3.—Bertoloty, R. Contribución al diagnóstico etiológico de las estrecheces uretrales gonocócicas del hombre. Med. ibera, 1930, 14: 598-600.—Bertwistle, A. P. Dental sepsis and gleet. Clin. J., Lond., 1929, 58: 272.—Birnbau, G., & Voigt, W. Die Erkrankung der Nach-

barorgane der männlichen Harnröhre bei Tripper und der Einfluss der Behandlung auf deren Häufigkeit. Deut. med. Wschr., 1929, 55: 312.—Bohannon, F. C. Gonorrheal urethritis and its complications in the male. Urol. Cut. Rev., 1929, 33: 78-82.—Boulanger, L. Considérations cliniques et thérapeutiques sur le rétrécissement blennorrhagique à son début; le rétrécissement embryonnaire. Monde méd., 1926, 36: 397-402.—Cezar de Andrade, P. Phlegmões extra-prostáticas e extra-vesicais de origem urethral. Brasil med., 1926, 40: pt 2, 99.—Dubois, L. C. Complications and sequelae of gonorrheal urethritis: their prevention and treatment. Tr. Chicago Urol. Soc., 1931, 1: 37-42.—Hartmann. Rétrécissement blennorrhagique et rétrécissement traumatique. Rev. gén. clin. théor., 1926, 40: 292.—Hirsch, E. W. Chronic gonorrhoea complicated by strictures of the anterior and posterior urethra. Med. Rec., N. Y., 1937, 146: 24-6.—Jeck, H. S. Diagnosis and treatment of complications of acute gonorrhoea in the male. J. Urol., Balt., 1931, 26: 395-400.—Jenkins, G. DeW. Complications of specific urethritis. J. Iowa M. Soc., 1935, 25: 488-91.—Kersten, H. E. Die Gonorrhoe im Bezirk Rabaul (Deutsch-Neuguinea) die Mischinfektion der Gonorrhoe und ihre Behandlung mit Automischvakzinen. Arch. Schiffs Tropenhyg., 1925, 29: Belh. 1, 180-9.—Leites, L. R., & Levin, G. I. [Case of late exacerbation of latent gonorrheal urethritis in a patient with stricture of the urethra] Odess. med. J., 1929, 4: 480-2.—Lenhof, A. [Gonorrhoeic stricture of urethra and its sequelae] Magy. urol., 1940, 3: 140-6.—Lloyd, V. E. The diagnosis and treatment of the local complications of gonorrhoea in the male. Practitioner, Lond., 1936, 137: 152-62.—Matarasso. Traitement des fistules urétrales et des trajets para-urétraux d'origine blennorrhagique par des injections argenteo-tanniques. Ann. mal. vénér., 1926, 21: 496-8.—Mayr, J. K. Gonorrhoeische Harnröhreninfektion bei Amputatus penis. Münch. med. Wschr., 1928, 75: 788.—Mirra, G. Del gonococcismo latente e delle complicazioni tardive dell'uretrite gonococcica. Ann. mod. nav., Roma, 1928, 3: 25-31.—Nicoletti, V. Blenorragia in uretra doppia completa. Gior. ital. derm. sif., 1931, 72: 1026-38, pl.—Ortali, C. Il periodo di latenza nelle fistole urinarie post-blennorrhagiche (nota clinica) Riv. med., 1926, 34: 178; 1927, 35: 1.—Paridaens. Rupture de l'urètre à la suite de prostatotomie pour abcès prostatique d'origine gonococcique. J. chir., Brux., 1927, 26: 42-6.—Picker, R. Ein Fall von Rektalblennorrhoe beim Manne im Gefolge eines komplizierten Harnröhrentrippers. Zbl. Krankh. Harn Sex Org., 1905, 16: 596-609.—Ross, A. O. Further investigations into the causation of stricture of the urethra in gonorrhoea. Brit. J. Vener. Dis., 1930, 6: 37-43.—Schindeldkreut, B. I. [Gonorrheal stricture of the urethra] Urologia, Moskva, 1936, 13: 186-90.—Thompson, A. R. Gonorrheal stricture: a clinical lecture. Guy's Hosp. Gaz., 1931, 45: 98-103. — Strictures of the urethra other than those which are associated with gonorrhoea. Ibid., 1932, 46: 456-9.—Zeiss. Multiple postgonorrhoeische Strikturen im hinteren Abschnitt der Urethra anterior. Zschr. Urol., 1936, 30: 193.

Urethritis: Para- and periurethral affections.

DEMMLER, F. *Ueber einen Fall eines ungewöhnlich grossen gonorrhoeischen periurethralen Infiltrates. 16p. 8° Erlangen, 1934.

GASCH, J. M. T. *Contribution à l'étude des littrites chroniques à gonocoques. 43p. 8° Par., 1937.

POPA, S. *Les canaux accessoires sous-urétraux (raphé median) leur infection gonococcique. 122p. 8° Par., 1933.

SAID, M. T. *Contribution à l'étude de la blennorrhagie isolée et primitive des canaux accessoires sous-urétraux. 20p. 23cm. Genève, 1938.

Ciani, M. Osservazioni sopra un caso di pericanalicollite gonococcica del rafe penieno-scroto-perineale senza infezione dell'uretra. Dermosifilograf, 1939, 14: 597-612.—Cuccia, V. Sopra un caso di infundibulite parauretrale di natura blennorrhagica, senza compartecipazione dell'uretra. Arch. ital. derm. sif., 1926, 2: 60-4.—Darget, R., & Labat, P. Trois cas de péri-urétrite aiguë blennorrhagique guéris par l'auto-vaccination. Gaz. sc. méd. Bordeaux, 1926, 47: 40.—Drobinski, R. Ein Fall von isolierter Gonorrhoe eines paraurethralen Ganges beim Manne. Derm. Wschr., 1932, 94: 61.—Ginella, A. Infezioni gonococcica esclusivamente localizzata in un canale accessorio del rafe della verga. Dermosifilograf, 1928, 3: 34-9.—Gliner, G. M. [Isolated gonorrhoea of the paraurethral ducts in relation to personal prophylaxis in gonorrhoea] Sovet. vest. vener., 1933, 2: 411.—Gougerot, Burnier & Tissot. La blennorrhagie des canaux accessoires sous-urétraux. Ann. mal. vénér., 1933, 28: 641-59, 8 pl.—Kochetov, B. T., & Fain, A. E. [Paraurethral tracts in gonorrhoea and their treatment] Sovet. vrach. J., 1937, 2: 43-6.—Krom, E. L. [Case of primary isolated gonorrhoea of the paraurethral passage in a man] Sovet. vest. vener., 1932, 1: 53.—Langer, E. Die Gonorrhoe der paraurethralen Gänge bei der Frau, ein Fall seltener Lokalisation derselben. Derm. Zschr., 1930, 58: 158-62.—

Leibfreud, D. M., & Speransky, V. A. [Pathology of gonorrhea in paraurethral and supplementary ducts] Vrach. delo, 1929, 12: 1290-2.—Liveritz, M. B. [d'Arsonval in treatment of gonorrheal urethritis with affections of the glands of the anterior urethra] Vest. vener., 1938, 36-8.—Morgulis, A. [Gonorrheal infection of para-urethral ducts and their treatment with 2% sol. arg. nitr.] Beloruss. med. dumka, 1925, 2: 137-41.—Nordin, G. Fall von perirethralen Infiltrat ungewöhnlichen Charakters bei Gonorrhöer. Acta derm. vener., Stockh., 1937, 18: 350.—Okawa, S. Ueber die chronisch gonorrhöische Entzündung der Paraurethralgänge. Acta derm., Kyoto, 1929, 14: 229.—Rupel, E. Epidermal canals of the median raphe; a further study of their rôle when infected. J. Urol., Balt., 1933, 29: 617-20.—Santos Zetina, F. Gonococcia sub-urethral medio-peniana. Medicina, Méx., 1934, 14: 419-21.—Schönhof, S. Gonorrhöische Infektion akzessorischer Gänge des Penis und Scrotum (ein Beitrag zur Urethrographie) Arch. Derm. Syph., Berl., 1927, 153: 132-44.—Sebastini, F. Infezione gonococcica primitiva di due canali accessori del rafe della verga senza infezione dell'uretra. Dermosifilografia, 1934, 9: 394-9.—Senkevich, E. M. [Case of isolated primary gonorrhea of the paraurethral duct] Sovet. vest. vener., 1934, 3: 827.—Serra, G. Contributo clinico allo studio delle parauretriti blenorragiche. Arch. ital. urol., 1933-34, 10: 246-63.—Sorochinsky, A. F. [Pathological anatomy of gonorrheal paraurethritis] Akush. gin., 1937, No. 12, 65-71.—Tedeschi, N. Infezione gonococcica isolata di un canalicolo del rafe del pene. Gior. ital. derm. sif., 1928, 69: 591-601.—Tuchshnid, D. I., & Voitashevsky, J. B. [Gonorrheal paraurethritis in men] Sovet. vest. vener., 1934, 3: 630-3.—Vincent, G. Localisations para-urétrales de la blennorrhagie. J. sc. méd. Lille, 1929, 47: 41-6.—Voitashevsky, Speransky & Litvinenko. [The paraurethral duct and the pathology of gonorrhea] Sovet. vest. vener., 1934, 3: 901-5.

Urethritis: Pathology.

Borowski, E. *Contribution à l'étude des repaires microbiens de l'urètre dans la blennorrhagie chez l'homme. 79p. 8° Par., 1937.

Bockhart, M. Contribution to the etiology and pathology of urethral gonorrhea. Med. Life, 1932, 39: 527-32.—Franck. Urétrites gonococciques et non-gonococciques; expérimentation clinique. Ann. mal. vénér., 1931, 26: 641; 1932, 27: 16.—Hirsch, E. W. Comparative histology of the urethral mucosa and its relation to gonococcal infections. J. Urol., Balt., 1927, 27: 575-80.—Hissard, R. L'urétrite vénérienne, subaiguë, bénigne. Bull. Soc. fr. derm. syph., 1933, 40: 1782-5.—Porudominsky, I. M. [On the spreading of gonorrheal infection in the male urethra] Vest. vener., 1938, No. 6, 61-7.—Sokolsky, S. L., & Litvinenko, D. I. [Primary infection of the paraurethral tract] Vrach. delo, 1937, 19: 479-82.—Ssemenjako, E. Orificium externum urethrae und seine Anomalien während der Gonorrhoe. Zschr. Urol., 1930, 24: 829-37.—Trifu, V. [The anterior urethral glands and the treatment of gonorrhea] Spitalul, 1940, 60: 43-7.

Urethritis, posterior.

Bierman, W. Gonorrheal posterior urethritis; diathermy. Phys. Ther., 1929, 47: 97-100.—Carrié, C. Zur Behandlung der Gonorrhöe der hinteren Harnröhre mit Silber-Quellstäbchen. Derm. Wschr., 1933, 97: 1817-9.—Crum, A. H. Acute posterior gonorrheal urethritis. Elect. M. J., 1936, 96: 107.—Flandrin, P. Traitement endoscopique de l'urétrite postérieure. Arch. urol. Necker, 1925-26, 5: 77-84.—Hibbs, R. C. Acute gonorrheal posterior urethritis. Pennsylvania M. J., 1937-38, 41: 782-4.—Michailovsky, M., & Butterfield, P. M. A treatment of posterior gonorrheal urethritis; a preliminary report. Urol. Cut. Rev., 1925, 29: 662-5.—Michel, L. L. Treatment of posterior gonorrhea. Internat. J. Surg., 1926, 39: 68-72.—Parès, L., & Lauret, J. Technique et indications de l'urétrographie dans la blennorrhagie. Gaz. méd. France, 1936, 43: Suppl. radiol., No. 19, 16-23.—Ruiz, J. B. La urétritis posterior y la uretroscopia. Rev. méd. cubana, 1927, 38: 262-72.—Siemens, H. W. [Treatment of posterior gonorrhea in chronic gonorrhea in men] Ned. tsehr. geneesk., 1934, 78: 1296-305.—Sinkoe, S. J. Procaine instillation in the management of acute posterior gonorrheal urethritis. Urol. Cut. Rev., 1933, 37: 631.—Stone, E. Lesions of the posterior urethra in chronic gonorrhea; cysto-urethroscopic observations. Arch. Surg., 1929, 18: 1315-28.—Verriotis, T., & DeFrise, A. Sur les néoformations inflammatoires de l'urètre postérieur au cours de la blennorrhagie chronique. J. urol. méd., Par., 1926, 22: 273-303.—Voitashevsky, J. B., & Speransky, V. A. [Affection of the posterior part of the urethra in chronic gonorrhea] Urologia, 1935, 12: 65-9.—Wolbarst, A. L. Acute gonorrhea manifesting itself in the posterior urethra without anterior symptoms: report of a case. Urol. Cut. Rev., 1934, 38: 492.

Urethritis: Treatment.

BLANCO, E. A. *De quelques indications du jaune d'acridine dans le traitement des urétrites gonococciques aiguës chez l'homme. 73p. 8° Par., 1933.

CAMUS, P. *Contribution à l'étude du traitement des urétrites blennorrhagiques par les sulfamides. 59p. 24½cm. Par., 1939.

DENIS, M. J. *L'état actuel du traitement de l'urétrite gonococcique chez l'homme. 59p. 8° Par., 1927.

FELLOUS, E. *La vaccinothérapie dans la blennorrhagie aiguë et l'anatoxine gonococcique. 66p. 8° Par., 1927.

KEUCK, J. *Dauer und Resultat der Behandlung des männlichen Harnröhrentrippers mit einigen der gebräuchlichsten Antigonorrhoica [Düsseldorf] 56p. 8° Straelen [1929]

LANGON, J. *De l'emploi du vaccin de Demonchy dans le traitement de l'urétrite gonococcique. 161p. 8° Par., 1927.

PERUTZ, A. Die medikamentöse Behandlung der Harnröhrengonorrhöe des Mannes und deren pharmakologische Grundlagen. 266p. 8° Berl., 1925.

RENAULT, P. *Contribution à l'étude du traitement mixte de l'urétrite gonococcique aiguë chez l'homme; traitement local associé aux sulfamides. 44p. 23cm. Par., 1939.

STRÁVALE, A. *A diathermia, no tratamento das urethrites gonococcicas e suas complicações. 96p. 8° S. Paulo, 1929.

WEIDMANN, W. *Beitrag zur Behandlung der männlichen Urethralgonorrhoe mit Partagonstäbchen. 24p. 8° Erlangen, 1934.

Akin, R. H. Acute gonorrhea. J. Oklahoma M. Ass., 1938, 31: 309-12.—Alexander, J. C. The management of acute anterior gonorrhea. Dallas M. J., 1932, 18: 5-7.—Aysaguer. Les méthodes thermo- et cryothérapeutiques dans l'urètre. J. urol. méd., Par., 1926, 21: 178-86.—Baeovsky, L. A., & Mariassin, S. L. [Treatment of acute suppurative urethritis in dispensaries] Sovet. vest. vener., 1933, 2: 533-7.—Ballenger, E. G., Elder, O. F., & McDonald, H. P. Acute gonorrheal urethritis, its prevention and treatment. J. Urol., Balt., 1931, 26: 387-93.—Barbillian, Voscoboinic & Franke. L'immunisation locale dans les urétrites gonococciques aiguës par l'antivirus. Paris méd., 1927, 63: 506-11.—Barnes, R. W., & Elliott, H. M. Deferred sulfanilamide therapy in the treatment of gonococcal urethritis in the male. Tr. Am. Neisser. M. Soc., 1939, 5: 129-31.—Barthélemy, R. Détails pratiques sur les grands lavages uréthraux. Hôpital, 1928, 16: 369.—Belkin, I. A., Brokhes, I. O., & Dobroserdov, N. V. [Early vaccinothérapie in acute gonorrheal urethritis in men] Vest. vener., 1938, No. 2, 58-60.—Bennardi, A. M. The treatment of gonococcal urethritis. Bull. Off. Pract., 1933, 7: 27-9.—Berg, H. W. Sulfanilic sulfanilamide (disulon) in the treatment of gonococcal urethritis and its complications. Am. J. Syph., 1940, 24: 337-43.—Berman, L. M., & Liakhovitsky, N. S. [White streptocoid in treatment of gonorrheal urethritis] Urologia, Moskva, 1939, 16: No. 3, 72.—Berné-Lagarde, de. Le traitement de l'urétrite gonococcique aiguë par les injections intra-veineuses de gonacrine. Hôpital, 1927, 15: 221-4.—Biró, S. [Treatment of urethral gonorrhea and its complications] Budapesti orv. uis., 1928, 26: 831-7.—Boas, K. Ueber die Alkalithérapie der geschlossenen männlichen Harnröhrengonorrhoe. Derm. Zschr., 1931, 62: 179-83.—Boyd, M. L. The treatment of early acute anterior gonorrheal urethritis with acriflavine. Urol. Cut. Rev., 1930, 34: 303-6.—Bragin, M. S. [Technic of Janet's method in treatment of gonorrhea] Vener. derm., Moskva, 1930, 7: 59-61.—Bronstein, V. G. [Treatment of acute gonorrheal urethritis] Urologia, Moskva, 1935, 12: 62-4.—Brunet, W. M., Reinhardt, C. H., & Shaw, N. D. Treatment of gonorrhea in the male with sulfanilamide and urethral injections of acriflavine. Virginia M. Month., 1940, 67: 40-4.—Brunet, W. M., & Seltzer, S. The treatment of gonorrhea in the male; a study of 600 cases of gonorrhea treated with irrigations of potassium permanganate and injections of silver proteinate. Am. J. Syph., 1936, 20: 492-502.—Burkholder, T. M., & Bang, F. Use of sulfathiazole and sulfamethylthiazole in treatment of gonorrheal urethritis. J. Urol., Balt., 1940, 44: 541-4.—Bush, H. J. Sulfanilamide in gonorrheal urethritis; a review of its use in 20 cases. Hosp. News, Wash., 1937, 4: No. 22, 18-26.—Chisholm, C. Observations on the treatment of urethritis in the male by sulfanilamide at St Michael's Hospital, Toronto. Bull. Acad. M. Toronto, 1938, 11: 210-3.—Clarke, L. B. Experimental treatment of gonorrhea by saline irrigations. J. R. Army M. Corps, 1929, 52: 436; 1934, 63: 145.—Colas, J. Vingt-cinq cas d'urétrites masculines traitées par le 693. Bull. Soc. fr. derm. syph., 1939, 46: 464.—Coulon & Carré. Le traitement continu jour et nuit par le dagénan des urétrites gonococciques aiguës de l'homme. Ann. mal. vénér., 1940, 35: 33-6.—D'Avanzo, A. Sulla cura della blenorragia con i vapori di formalina. Morgagni, 1929, 71: 545-52.—Decoux, J. Essai de traitement de l'urétrite gonococcique aiguë masculine par le para-amino-phényl-

- sulfonamide, P. A. P. S., injectable à concentration forte, 25%; résultats après 1,200 injections. Bruxelles méd., 1938-39, 19: 429-40.—**Delater**, G. Essai de quelques procédés nouveaux de traitement de l'urétrite blennorragique. Evolut. méd. chir., 1925, 6: 431-6.—**Deming**, C. L., **Jenkins**, R. H., & **Van Wagenen**, G. The effects of the estrogenic hormone on the urogenital tract of the male maceaque monkey, and upon gonorrheal urethritis in man. Tr. Am. Ass. Genitourin. Surgeons, 1936, 29: 485-91.—**Dmitriev**, A. I., & **Iof**, L. S. [Treatment of acute gonorrheal urethritis in men with a new sulfidin preparation] Vest. vener., 1939, No. 9, 42.—**Demonchy**, A., & **Lañcon**, J. Le vaccin dans le traitement de l'urétrite gonococcique aiguë. Progr. méd., Par., 1927, 41: 1293-301.—**Diamantis**. Bemerkungen zur der Chemotherapie der Urethritis gonorrhoea nach der Jaussonschen Methode (intravenöse Acridintherapie) Derm. Wschr., 1927, 84: 338-40.—**Drobinski**. Zur Behandlung der gonorrhoeischen Urethritis mit Formalindämpfen. Ibid., 1928, 87: 1151-3.—**Drummond**, A. C. Treatment of specific urethritis: new modality. Am. J. Surg., 1937, 36: 180-8.—**Dufke**. Zur Behandlung der gonorrhoeischen Urethritis mit Formalin und Joddämpfen. Derm. Wschr., 1929, 88: 443-6.—**Durbach**, A. Traitement d'une urétrite aiguë blennorragique. Gaz. méd. France, 1931, 42-5.—**Durel**, P. Traitement de l'urétrite blennorragique masculine; en particulier par le 603, chez les sujets qui ne peuvent recevoir de soins locaux. Presse méd., 1938, 46: 1571-3.—**Egorov**, M. N., & **Chernov**, I. Z. [Formalin (solution of formaldehyde) vapors in treatment of urethritis] Vener. dermat., Moskva, 1931, 8: 77-81.—**Ellent**, J. Quimioterapia nas uretritis gonococicas. Res. méd., Rio, 1939, 6: 289-92.—**Farrell**, J. I., **Lyman**, Y., & **Youman**, G. P. The rationale of sulfanilamide in gonococcal urethritis. J. Am. M. Ass., 1938, 110: 1176.—**Feinberg**, H. Better clinical results with the sulfonamide preparations in gonorrheal urethritis. California West. M., 1940, 53: 57.—**Feldman**, D. A. [Treatment of gonorrhea with vapours of formalin] Omsky med. J., 1928, 3: 52.—**Fitzroy-Williams**, H. W. Notes on the treatment of gonococcal infections of the urethra by means of the intravenous injection acriflavine. J. R. Nav. M. Serv., 1925, 11: 249-54.—**Flores**, B. Urethritis tratadas localmente por el mercurio 220 soluble. Salubridad, Méx., 1930, 1: 522-6.—**Fournier**, L., & **Mollaret**, P. L'hyposulfite double d'or et de sodium dans l'urétrite aiguë blennorragique. C. rend. Soc. biol., 1926, 95: 657.—**Fronstein**, R. M. [Treatment of acute, gonorrheal urethritis] Urologia, Moskva, 1938, 15: 88-90.—**Gáspár**, F. Zwei Harnröhrenstrukturen nach Behandlung der Gonorrhöe mit konzentrierter Trypaflavin-Lösung nach Veress-Goldberger. Zschr. Urol., 1933, 27: 474.—**Gaviati**, A. L'azione degli zuccheri uniti ai preparati argentici più in uso nell'urétrite gonococcica acuta. Arch. farm. spor., 1926, 41: 31; 33. Also Gior. ital. derm. sif., 1926, 67: 412-7.—**Glingar**, A. Welche Fehler werden bei der Injektionsbehandlung der männlichen Gonorrhoe am häufigsten gemacht und wie lassen sie sich vermeiden? Wien. klin. Wschr., 1927, 40: 166.—**Goldfader**, P. Treatment of acute gonococcal urethritis in the male. Med. Times, N. Y., 1933, 61: 105-11.—**Gozlan**, M. Essai de traitement de l'urétrite gonococcique par le manganate d'argent. Ann. mal. vénér., 1935, 30: 193-9.—**Grimaldi**, F. E., & **Grimaldi**, A. A. La sulfamidoterapia de las uretritis agudas. Rev. argent. urol., 1939, 8: 297-310.—**Grüneberg**, T., & **Liebmann**, G. Der Wert unspezifischer und spezifischer Fiebertherapie bei der akuten Gonorrhoe des Mannes. Münch. med. Wschr., 1933, 80: 1820-2.—**Gurevich**, K. O., & **Liakhovitsky**, N. S. [Combined treatment of acute, gonorrheal urethritis with vaccine and streptocid] Urologia, Moskva, 1939, 16: No. 3, 73-5.— [Treatment of acute gonorrheal urethritis with sulfidin] Ibid., 1940, 17: No. 3, 63-5.— & **Zarkhi**, M. M. [Comparative evaluation of the efficacy of Janet's method and streptocid therapy of acute gonorrheal urethritis] Ibid., 58-60.—**Heiner**, L. [Massage of the prostate gland in gonorrheal] Gyógyászat, 1931, 71: 129-32. Also Derm. Wschr., 1931, 92: 582-6.—**Iacapraro**, G. Quimioterapia moderna en las uretritis agudas gonococcicas. Rev. med., B. Air., 1940, 2: 70-8.—**Ioff**, L. S. [Treatment with white streptocide of gonorrheal urethritis in men] Vest. vener., 1938, No. 6, 68-73. Also Urologia, Moskva, 1939, 16: No. 3, 62-5.—**Janet**, J. Les crayons urétraux à l'argyrol. J. urol. méd., Par., 1934, 37: 345.—**Janits**, D. [Surgical aspect of urethral gonorrhea] Magy. urol., 1940, 3: 135-9.— & **Boross**, E. Die Behandlung der Harnröhrengonorrhöe mittels Alkalisierung. Zschr. Urol., 1939, 33: 56.—**Jausion** & **Diot**. Gono-lyso-vaccin et gono-toxine dans la cure de l'urétrite aiguë. C. rend. Soc. biol., 1926, 95: 538.—**Jefimov**, I. I. [Endourethral operations in treating chronic gonorrheal urethritis] Urologia, Moskva, 1932, 9: 25-30.—**Johnson**, S. H., **Leberman**, P. R. [et al.] The use of sulfapyridine in the treatment of gonococcal urethritis in the male. Am. J. M. Sc., 1939, 198: 594-602.—**Jose**, G. Experiences in the treatment of urethritis by sulphanilamide. Med. J. Australia, 1939, 1: 54-6.—**Kaalund-Jørgensen**, O. [Attempt of exclusively internal treatment of acute non-complicated gonorrheal urethritis in men] Ugeskr. læger, 1938, 100: 449-51.—**Kapp**, M. Die Bedeutung der Balsamika in der Behandlung der akuten Gonorrhöe der männlichen Urethra. Wien. med. Wschr., 1927, 77: 688.—**Klöveborn**, G. H. Behandlung der männlichen Gonorrhoe mit Partagon-Quellstäbchen-Sandoz. Med. Klin., Berl., 1936, 32: 874.—**Knight**, F., & **Shelanski**, A. A. Treatment of acute anterior urethritis with silver picate. Am. J. Syph., 1939, 23: 201-6.—**Lardat**, M. Traitement de l'urétrite blennorragique par le 1162F. J. urol. méd., Par., 1938, 45: 5-10.—**Lavenant**, A. Les traitements de l'urétrite aiguë gonococcique. J. méd. fr., 1926, 15: 108-16.—**Lebreton**, P. La dilatation gazeuse (méthode de Maisler) dans les urétrites. P. verb. Congr. fr. urol., 1932, 32. Congr., 365-73.—**Leidi**, F. Applicazioni e risultati della terapia per via endovenosa della blenorragia uretrale con preparati della serie acridinica. Gior. ital. derm. sif., 1927, 68: 616-22.—**Leites**, L. R. [Treatment of acute gonorrhea in men] Urologia, Moskva, 1935, 12: 95-103.—**Lezama**, R., M. La ionoterapia en las uretritis agudas gonococcicas. Salubridad, Méx., 1930, 1: 1046.—**Liakhovsky**, N. S. [Vaccinotherapy of acute, gonorrheal urethritis] Vest. vener., 1939, No. 2-3, 47-50.—**Lich**, R., jr., & **Rowntree**, G. R. Sulfanilamide therapy in acute Neisserian urethritis. Am. J. Syph., 1939, 23: 323-31.—**Lieberman**, M. S. [Treatment of acute gonorrheal urethritis with sulfidin] Urologia, Moskva, 1940, 17: No. 3, 66.—**Lombolt**, S. [Injection therapy of gonorrheal urethritis in men] Ugeskr. læger, 1932, 94: 349; 371.—**Maccari**, F. Primi risultati della terapia acridinica locale nella blenorragia e in alcune forme di uretriti non gonococciche. Atti Acad. fisior. Siena, 1931, 10, ser. 6: 521-4.—**Maiorsky**, V. N. [Temperature reaction of the urethra to janetization] Urologia, Moskva, 1937, 14: 71; 77.—**Man**, A. E. Treatment of acute gonococcus urethritis in the male. N. York State J. M., 1926, 26: 642.—**Marceron**, L. Résultats obtenus dans le traitement des blennorrhagies aiguës et chroniques par la méthode de Maisler. J. méd. Paris, 1928, 47: 190-3.—**Marcozzi**, A. L'argentiosulfato sodico nella terapia locale dell'urétrite blennorragica. Arch. ital. derm., 1928-29, 4: 187-91.—**Maron**, V. Sobre o tratamento da urethrite gonoblenorrágica do homem; comentários e apreciação da nossa conduta. Ann. Soc. med. cir. Itabuna (1937) 1938, 127-59.—**Matarasso**. Interruption des lavages antiseptiques au cours de la blennorrhagie, dans un but thérapeutique. Ann. mal. vénér., 1931, 26: 89-100.—**Mathe**, C. P. Treatment of acute gonorrheal urethritis; its present day status with emphasis on sulfanilamide therapy. Northwest M., 1938, 37: 202-6. Also Union méd. Canada, 1940, 69: 270-7.— & **Spitalny**, A. The present day status of sulfanilamide in the treatment of acute gonorrheal urethritis. Urol. Cut. Rev., 1938, 42: 79-81.—**Melnicow**, M. M. Observations on the treatment of acute gonorrheal urethritis. N. York State J. M., 1932, 32: 955. Also repr.—**Mező**, B. [Treatment of gonococcal urethritis] Orv. hetil., 1937, 81: mell. 10.—**Mihalescu**, A. [Critical observations on the treatment of gonococcal urethritis in men] România med., 1936, 14: 300.—**Miller**, S. Sulphanilamide (promitylin) in the treatment of gonorrheal urethritis; observations on 8 cases. Hosp. News, Wash., 1937, 4: No. 17, 1-8.—**Mitchell**, D. R. Sulphanilamide treatment of urethritis, its complications and sequelae at the Toronto General Hospital. Bull. Acad. M. Toronto, 1938, 11: 214-6.—**Morgan**, C. H. Mercurochrome and glucose in the treatment of gonorrheal urethritis and its complications. Memphis M. J., 1927, 4: 56.—**Morse**, C. E., & **Hirsch**, F. G. The treatment of acute gonorrheal urethritis. Mil. Surgeon, 1940, 86: 53-7. Also repr.—**Motz**, C. Résultats du traitement à l'Hôpital Saint-Louis de mille cas d'urétrites gonococciques. J. urol. méd., Par., 1935, 40: 215-25. — Indications et résultats du traitement des urétrites gonococciques chez l'homme par les bougies à l'argyrol. Ann. mal. vénér., 1936, 31: 173-9.—**Motz**, G. L'urétrite gonococcique et son traitement. Rev. prat. mal. pays chauds, 1928, 8: 103-19.—**Mouradian**. Le traitement des urétrites blennorrhagiques par les arsénobenzènes en application intra-urétrale. Ann. mal. vénér., 1927, 22: 432-9.—**Müller**, R. Ueber den Einfluss der Reiztherapie und geschlossener Nach-arentzündungen auf die offene Gonorrhoe. Wien. med. Wschr., 1926, 76: 910-2.—**Muñoz**, I. Organización de una sala de lavajes para enfermos de uretritis blenorragica. Rev. san. mil. B. Air., 1939, 38: 696-8.—**Oelsner**, K. Zur Silberbehandlung der spezifischen und unspezifischen Urethritis. Derm. Wschr., 1935, 101: 1603-6.—**Ormond**, J. K. Experience with fever therapy in the treatment of gonorrheal urethritis. Tr. North Centr. Am. Urol. Ass., 1935, 61-6. Also J. Urol., Balt., 1936, 35: 551-6.—**Palazzoli** & **Bovet**, O. Action de la di(paracetylaminophényl)-sulfone (1399 F.) dans les urétrites gonococciques aiguës et chroniques. Bull. Soc. fr. derm. syph., 1937, 44: 1900-10.—**Palazzoli** & **Morvan**. Quelques remarques sur le traitement de la blenorragie à l'hôpital par les lavages du permanganate de potasse. Ann. mal. vénér., 1936, 31: 180-8.—**Pelouze**, P. S. The treatment of gonococcal urethritis in the male; a discussion of basic factors. Am. Med., 1929, 24: 393-6.—**Perrin**, J. L'acridinotherapie de l'urétrite blennorragique aiguë. Marseille méd., 1927, 64: 2-10.—**Perutz**, A. Die Behandlung der männlichen Harnröhrengonorrhöe. Wien. klin. Wschr., 1927, 40: H. 48, Sonderb., 1-12. — Die allgemeinen Grundlagen der lokalen Behandlung der Schleimhautgonorrhöe des Mannes. In Handb. Haut & Geschlkr. (Arzt & Zieler) Berl., 1934, 20: pt 1, 231-70. — & **Taigner**, E. Ueber die adstringierende Wirkung der in der Gonorrhoeotherapie verwendeten Silberpräparate auf die Schleimhaut der Harnröhre; ein Beitrag zur biologischen Prüfung der Silber-Adstringentien. Derm. Wschr., 1922, 74: 465-72.—**Pierangeli**, W. Il saccarosio in soluzione concentrata con i preparati argentici nella cura dell'urétrite gonococcica. Dermosifilografia, 1927, 2: 182-4.—**Poroduminsky**, I. M. [Immunotherapy of acute gonorrheal urethritis] Urologia, Moskva, 1939, 16: 89-92.—**Pupko**, B. V. [Treatment of acute, gonorrheal urethritis in men with sulfasal] Sovet. med., 1940, 4: No. 17, 27.—**Ram**, K. Gonorrhoea; its treatment by washing; Janet's method versus syringing. Ind. M. Rec., 1931, 51: 270.—**Ramis**, V. [Papavacrine in treatment of urethral gonorrhea in men] Cesk. derm., 1930, 11: 52-5.—**Raymond**, R. L., **De**, K. K., & **Nyun**, U. S. Hobbs' treatment

with glycerine applied to male urethra in gonorrhoea. *Ind. M. Gaz.*, 1938, 73: 729-32.—**Reiss, H.** [Experiments in increasing therapeutic effects in urethral gonorrhoea in men] *Polska gaz. lek.*, 1932, 11: 802-6. — **Allalische Silberverbindungen** in der Therapie des männlichen Harnröhrentrippers. *Acta dermat. vener., Stockh.*, 1932-33, 13: 171-4.—**Richter, W.** Wert der Spülung mit dem Janet'schen Rücklaufröhrchen in der Praxis. *Derm. Wschr.*, 1937, 104: 265-8.—**Rivero Borrel, L.** La electro-coagulación en el tratamiento de las uretritis crónicas anteriores. *Gac. méd. México*, 1925, 56: 229-33.—**Rotnitsky, A. D.** [Efficacy of white streptocoid in treatment of acute gonorrhoeal urethritis in men] *Urologia, Moskva*, 1940, 17: No. 3, 61.—**Rousseau, J.** Traitement de l'urétrite gonococcique aiguë par les grands lavages avec une solution aqueuse d'iode naissant à très faible concentration. *Rev. gén. clin. théor.*, 1930, 44: 709-12.—**Shelley, H. S.** A report on the treatment of gonococcal urethritis with sulfanilyl-sulfanilamide. *Bull. School M. Univ. Maryland*, 1938-39, 23: 123-7.—**Siemens, H. W.** [Treatment of anterior gonorrhoea in man] *Ned. tsehr. geneesk.*, 1933, 77: 3770-8.—**Simonnet, M.** Le bromure de radium dans l'urétrite gonococcique. *Arch. Soc. sc. méd. biol. Montpellier*, 1930, 11: 269-72. — **Contribution à l'étude du traitement de l'urétrite gonococcique.** *Paris méd.*, 1930, 77: 468-71.—**Smith, S.** The treatment of acute gonococcal urethritis in the male. *Virginia M. Month.*, 1930-31, 57: 738-12.—**Spitzinger, J. M.** Técnica de los lavajes para el tratamiento de la blenorragia; los autolavajes. *Sem. méd. B. Air.*, 1940, 47: 498-501.—**Spink, W. W.** & **Gaston, E. A.** Sulfanilamide in the treatment of acute gonococcal urethritis: clinical and immunological observations. *N. England J. M.*, 1938, 218: 749-53.—**Spooner, C. M.** Report of 50 cases of gonorrhoeal urethritis treated with protinyl at the Toronto Western Hospital. *Bull. Acad. M. Toronto*, 1938, 11: 208-10.—**Stein, L.** Die Behandlung der gonorrhoeischen Urethritis mit Formalindämpfen. *Derm. Wschr.*, 1929, 88: 562.—**Strocka, G.** Neue Wege in der Behandlung der männlichen Anterior-Gonorrhoe; ein Beitrag zur Flavidintherapie. *Ibid.*, 1937, 105: 1125.—**Sylvestre, L.** Sur l'emploi du sulfanilamide dans le traitement de l'urétrite aiguë. *Union méd. Canada*, 1938, 67: 136.—**Szczodrowski** [Irrigation of the urethra in acute gonorrhoea] *Lek. wojsk.*, 1926, 7: 34-44.—**Tarantelli, E.** L'autovaccinoterapia massiva nell'uretrite blenorragica acuta. *Gior. ital. dermat. sif.*, 1934, 75: 1283-92.—**Taylor, N. S.** Sulphapyridine in the treatment of acute urethritis. *Brit. M. J.*, 1940, 1: 88.—**Tchorznicki, R.** [Lavage of the urethra by Janet's method as basis for unification of the treatment for gonorrhoea in the dermatological and venerological service in military hospitals] *Lek. wojsk.*, 1937, 30: 482-97.—**Townsend, J. M.** The use of Corbus-Ferry filtrate in the treatment of gonorrhoeal urethritis. *Kentucky M. J.*, 1935, 33: 463-5.—**Trabucco, A.** & **Sandro, R. E.** Cómo debemos tratar la uretritis blenorragica aguda. *Sem. méd. B. Air.*, 1940, 47: 112.—**Tratamiento de la uretritis blenorragica aguda.** *Acción méd. B. Air.*, 1940, 10: 663.—**Urological helps in daily practice;** ordinary acute gonorrhoea in the male. *South. M. & S.*, 1937, 99: 71.—**Vertun.** Eine neue Behandlung der Urethritis gonorrhoea. *Deut. med. Wschr.*, 1925, 51: 1575.—**Vilar, R. A.** A method used in the treatment of 33 cases of acute gonococcus urethritis without sick days. *U. S. Nav. M. Bull.*, 1936, 34: 359-61.—**Walker, T. O.** Management of acute gonorrhoea in the male. *J. Nat. M. Ass. N. Y.*, 1938, 30: 66.—**Watts, T. D., Oden, P. W.** & **Gordon, M. P., jr.** Sulfanilamide in the treatment of gonorrhoeal urethritis. *Virginia M. Month.*, 1937-38, 64: 436-9.—**Williams, L. H.** & **Cooper, G. F.** Mercurochrome-220 soluble, foreign protein, and sugar in acute gonorrhoeal urethritis, with a study of the blood cellular changes during the reaction. *U. S. Nav. M. Bull.*, 1927, 25: 352-8.—**Wolbarst, A. L.** Prostatic massage as a prophylactic measure in acute gonococcal infections of the anterior urethra. *Med. J. & Rec.*, 1926, 123: 3. — **The present day treatment of acute gonorrhoea in the male.** *Am. J. Surg.*, 1928, n. ser., 4: 280-7. Also repr.—**Zaigraev, M. A.** [Treatment of gonorrhoeal urethritis in cities and rural districts] *Urologia, Moskva*, 1938, 15: 82-7.—**Zalutsky, G. L.** [Treatment of acute gonorrhoeal urethritis by means of multi-milliard vaccine] *Ibid.*, No. 2, 79-88.

— Urethritis—in children.

RABINOWITSCH, R. *Urethritis gonorrhoeica bei Knaben. 26p. 8°. Lpz., 1929.

Beilin, L. M. Gonorrhoeal urethritis in male children (with some observations on their sexual impulses) *J. Urol. Balt.*, 1931, 25: 69-84.—**Feldman, D. A.** [Case of acute gonorrhoeal urethritis in a 4-year old boy] *Omsky med. J.*, 1928, 3: 118.—**Frenkel, B.** [Gonorrhoeal urethritis in very young boys (3 to 10 years old)] *Vrach. gaz.*, 1928, 32: 834-8.—**Furmanov, S. I.** Gonorrhoeal urethritis in boys] *Vrach. delo*, 1926, 9: 1713-20.—**Hunter, G. W.** Specific urethritis in a male newborn. *Am. J. Obst.*, 1939, 38: 520.—**Korchemuy, I. D.** [Gonorrhoeal urethritis in boys] *Urologia, Moskva*, 1937, 14: 99-102.—**Nesterev, A. M.** [Gonorrhoeal urethritis in a 22 months old boy] *Sovet. vest. vener.*, 1932, 1: 68.—**Ostrovsky, B. G.** [Case of acute gonorrhoeal urethritis in a boy 8 years old] *Pediatrica, Moskva*, 1940, 94.—**Pesterev, A. M.** [Gonorrhoeal urethritis in a boy aged 8 months] *Sovet. vest. vener.*, 1932, 1: 70.—**Sharp, B. B.** Gonorrhoeal urethritis in male children; report on 4 cases. *Lancet, Lond.*, 1927, 2: 653.—**Slobozianu, H.** & **Herscovici, P.** Le traitement de l'urétrite gonococcique

chez un nouveau-né et chez un garçon de 2 ans avec les dérivés organiques du soufre. *J. urol. méd. Par.*, 1939, 48: 48-51.—**Smorodintsev, N. A.** [Gonorrhoeal urethritis in boys] *Pediatrica, Moskva*, 1937, No. 2, 101-5.—**Tüdös, E.** [Gonorrhoeal urethritis in a 3-year-old boy] *Budapesti orv. ujs.*, 1938, 36: 730.

— Urethritis—in the female.

Bose, S. Modern treatment of gonococcal urethritis in the female. *Calcutta M. J.*, 1939, 35: 375-83.—**Emmett, J. L.** Elliott treatment of chronic urethritis of women: a preliminary report. *Proc. Mayo Clin.*, 1935, 10: 545-7.—**Frühwald, R.** Ueber Urethritis gonorrhoeica polyposa bei der Frau. *Derm. Wschr.*, 1925, 81: 1377-80. — **Die Veränderungen am orificium internum urethrae bei Gonorrhoe der Frau.** *Arch. Derm. Syph.*, Berl., 1927, 153: 649-60.—**Goñin, R.** Contribution à l'étude de la blennorrhagie urétrale chez la femme. *Rev. méd. Suisse rom.*, 1928, 48: 306-17.—**Heilman, M. A.** [Gonorrhoeal inflammation of Skene's glands] *J. akush.*, 1931, 42: 48-55.—**Hofstätter, R.** Beitrag zur Behandlung der Gonorrhoe in der weiblichen Urethra und deren Umgebung. *Zschr. Urol.*, 1933, 27: 826-31.—**Jacobsohn, F.** Isolierte Urethralgonorrhoe der Frau. *Med. Welt*, 1929, 3: 382.—**Karowski, A. de.** Sur des végétations de l'urètre féminin dans la blennorrhagie. *Rev. fr. dermat. vener.*, 1925, 1: 587-96.—**Kochetov, B. P.** & **Khrapkovskaja, N. S.** [Gonorrhoeal urethritis in women] *Vest. vener.*, 1939, No. 7, 29-32.—**Logan, D. C.** The diagnosis and treatment of urethritis and cervicitis in the female. *Brit. J. Vener. Dis.*, 1926, 3: 169-81 [Discussion] 194-8.—**Páll, G.** [Treatment of gonorrhoea of the female urethra] *Budapesti orv. ujs.*, 1937, 35: 1056-61.—**Petcu, I.** [Cases of gonorrhoeal skenitis] *Spitalul*, 1930, 50: 128-31.—**Russell, V. I.** Diagnosis and treatment of urethritis and cervicitis. *Brit. J. Vener. Dis.*, 1926, 3: 182-93 [Discussion] 194-8.—**Sack, A.** & **Amersbach, R.** Ein Vorschlag zur wirksamen Behandlung der rezenten weiblichen Urethralblenorhoe und zur tunlichsten Verhütung der aufsteigenden Gonorrhoe. *Münch. med. Wschr.*, 1931, 78: 1753-5.—**Stern, A.** Pulverbehandlung der weiblichen Urethral-Gonorrhoe mit dem Bläser Ur-Go. *Med. Klin. Berl.*, 1926, 22: 1806. — **Zur Behandlung der weiblichen Urethralgonorrhoe mit Heilpulvern.** *Zbl. Gyn.*, 1927, 51: 356-8. — **Ein neues Verfahren zur Behandlung der weiblichen Harnröhren-gonorrhoe.** *Deut. med. Wschr.*, 1929, 55: 18.

— Urine.

GRAMSE, A. *Wasserstoffionenkonzentration im Urin gonorrhoeischer Frauen [München] 26p. 8°. Würzb., 1933.

Frankl, J. Woher kommt die Trübung der zweiten Harnportion bei Gonorrhoe? *Derm. Wschr.*, 1937, 104: 124-7.—**Frühwald, R.** Die Trübung der zweiten Urinportion bei Tripper. *Ibid.*, 1931, 92: 312; 1935, 100: 533.—**Glingar, A.** Bedeutung und Fehlerquellen der sogenannten Gläserproben. *Wien. klin. Wschr.*, 1932, 45: 214.—**Janet, J.** Les mystères du deuxième verre. *J. urol. méd. Par.*, 1934, 37: 437-40.—**Orchard, W. E.** A note on the significance of urinary threads. *Brit. J. Vener. Dis.*, 1934, 10: 62-5.

— Uterus, and adnexa.

See also subheading Cervix.

BORN, H. [R. E.] *Endzustände nach gonorrhoeischen Adnexerkrankungen. 15p. 8°. Greifswald, 1936.

LAJOINIE, P. *Le traitement par le paramino-benzène sulfamide, corps 1162 F, de la métrite blennorrhagique de la femme marocaine. 62p. 24cm. Par., 1939.

SCHILLING, J. VON. *Die Gonorrhoe-Fälle der gynäkologischen Abteilung der Universitäts-Frauenklinik in den Jahren 1926 bis 1933 (unter besonderer Berücksichtigung der Dauer der gonorrhoeisch bedingten Adnexerkrankung) [Berlin] 20p. 8°. Kiel, 1937.

SCHNETTELKER [K.] H. [T.] *Ueber die differential-diagnostische Bedeutung der Plasmazellen bei gonorrhoeischer Salpingitis [Kiel] 18p. 23½cm. Würzb., 1934.

UNNA, K. *Vergleich der Erfolge verschiedener Behandlungsmethoden bei gonorrhoeischer Adnexitis [Freiburg] 15p. 8°. Hamb., 1933.

WIDMAYER, W. *Ein Fall von gonorrhoeischer Bauchdecken-Tuben-Uterusfistel. 19p. 8°. Heidelberg., 1931.

Abraham, E. G. Zur Behandlung der chronischen Adnexgonorrhoe mit Gonovitan. *Jahrb. Schles. Ges. vaterl. Cult.* (1932) 1933, 105: Teil 2, 26-34.—**Almkvist, J.** Perimetritis posterior gonorrhoeica. *Acta dermat. vener., Stockh.*, 1936, 17: 609-24.—**Aynesworth, K. H.** The surgical treatment of acute gonorrhoeal salpingitis. *Med. Rec.*, Houston, 1925, 19:

- 546-9.—**Brandstrup, E.** [Salpingitis gonorrhoea] Ugeskr. laeger, 1936, 98: 109-13.—**Brunet, W. M., & Salberg, J. B.** Pregnancy complicated by gonococcal salpingitis. Am. J. Obst., 1938, 35: 1056.—**Buschke, A., & Curth, W.** Ein Fall von gonorrhoeischer Bauchdecken-Tuben-Uterusfistel. Derm. Wschr., 1929, 88: 266-9.—**Carter, W. S.** Gonorrheal salpingitis. Internat. J. Surg., 1926, 39: 227-9.—**Casper, W. A., & Seadron, E. N.** The persistence of gonococcal infection in the adnexa. J. Obst. Gyn. Brit. Empire, 1938, 45: 838.—**Chalier, A.** Salpingotomie linéaire totale. Rev. fr. gyn. obst., 1938, 33: 738-40.—**Claudian, J., & Florian, J.** Le syndrome abdominal supérieur et pleuro-diaphragmatique aigu au cours des annexites gonococciques. Ann. méd., Par., 1938, 43: 62-72.—**Cole, H. A.** Gonococcal abscess in the wall of uterus simulating an ovarian tumour. Kenya East Afr. M. J., 1926, 3: 171-3.—**Cooke, W. R.** The management of cases of the persistent active phase of adnexoperitonitis. Tr. Am. Gyn. Soc., 1934, 59: 50-60.—**Conrad, G.** Gonorrhoeische Bauchdecken-Tuben-Uterus-Fistel. Fortsch. Med., 1929, 47: 393.—**Corrêa da Costa, L. A.** Sobre a síndrome abdominal direita superior no curso das annexites gonococcicas. Ann. brasil. gyn., 1939, 8: 212-6.—**Dembaskaia, V.** [Treatment of gonorrheal adnexitis] Vrach. gaz., 1929, 33: 2557-61.—**Diasio, J. S.** Nonspecific protein therapy by intradermal route in gonococcal salpingitides. Med. J. & Rec., 1931, 133: 291-3. Also repr.—**Falk, H. C., & Weitzner, G.** Tubal resection as a treatment for recurrent gonorrheal salpingitis. Surg. Gyn. Obst., 1939, 68: 810-3.—**Florian, I., & Claudian, I.** Syndrome abdominal supérieur et thoracique aigu au cours des annexites gonococciques. Rev. fr. gyn. obst., 1938, 33: 664-9.—**Frist, J.** Ueber einen Fall von geheilter schwerer gonorrhoeischer Adnexitzündung (Pyosalpinx usw.) und nachheriger Konzeption; zugleich einen Vorschlag zur Prophylaxe der Gonorrhoe. Med. Klin. Berl., 1927, 23: 1851-3.—**Greenslade, C. M.** Salpingitis. Austral. N. Zealand J. Surg., 1937-38, 7: 316-32.—**Habbe, K.** Ueber Fälle von Schwangerschaft nach gonorrhoeischer Adnexitzündung aus dem Material der Göttinger Klinik. Zschr. Geburtsh. Gyn., 1932, 103: 44.—**Harild, S.** Die Gonokokkomplementbindungsreaktion bei Salpingitis. Acta chir. scand., 1932-33, 70: 203-23.—**Ivanov, K. A.** [Parenteral ichthyol therapy in gonorrheal adnexitis] Sovet. vrach. J., 1937, 2: 505-8.—**James, H. C.** Unilateral gonorrheal salpingitis in bicornuate uterus. Am. J. Obst., 1937, 34: 1045.—**Joachimovits, R.** Plasmazellinfiltrate bei gonorrhoeischen Salpingitiden. Zbl. Gyn., 1929, 53: 406-10.—**Joannides, M.** Bilateral gonorrheal salpingitis in a child 3 days after initial infection. J. Am. M. Ass., 1926, 86: 1518.—**Johnson, H. H., & Diasio, J. S.** Protein therapy in gonococcal salpingitis. Med. J. & Rec., 1920, 131: 416. Also repr.—**Kaganovich, I. I., & Beliaev, E. I.** [Permeability of the Fallopian tubes following a case of gonorrheal] Akush. gin., 1938, No. 11, 72-4.—**Kaufman, S. A.** [Gonorrheal adnexitis] Vener. derm. Moskva, 1929, 6: 42-8.—**Kushelevsky, A. P.** [Gonorrheal adnexitis] J. Akush. gin., 1929, 40: 630-3.—**Kvater, E. I., Kaganovich, I. I., & Trachtenberg, S. V.** [Treatment of gonorrheal endometritis and adnexitis by injections of gonovaccine and autoblood into the uterine cavity] Akush. gin., 1940, No. 5, 26-8.—**Lapshina** [Gonorrheal adnexitis] Sovet. vest. vener., 1934, 633-7.—**Lewis, R. M.** Treatment of gonococcal salpingitis and arthritis with sulphamylamide. Connecticut M. J., 1940, 4: 335.—**Liegner, B.** Gonorrhoe und Retroflexio uteri. Zbl. Gyn., 1929, 53: 1390-4.—**Linde, E. I.** [Chronic gonorrheal endometritis] Akush. gin., 1939, 65-7.—**Loeser, A.** Die Heilung der chronischen Gebärmutter- und Adnexitgonorrhoe durch subkutane Injektion lebender Gonokokken [Lebendvaccine] Med. Klin. Berl., 1928, 24: 965-7. Also Verh. Berl. med. Ges. (1928) 1929, 59: 2 Teil, 127-33.—**Long, J. H.** The treatment of acute gonococcal salpingitis. Med. Clin. N. America, 1939, 23: 345-55.—**Maisel, E. P., & Tatarkina, V. V.** [Experiment in application of ammoniacal salts of silver in treatment of gonorrheal inflammatory processes of the uterine adnexa] Akush. gin., 1939, No. 10, 21-4.—**Mauro, E.** Le syndrome abdominal droit supérieur au cours des annexites gonococciques; syndrome de Fitz-Hugh. Presse méd., 1938, 46: 1919-21.—**Nicoletti, G.** La gonodiviazione nelle annessiti croniche. Rass. ostet., 1939, 48: 147-55.—**Noraues, S.** [Sedimentation reaction in gonorrheal salpingitis] Sven. läk. tidn., 1937, 34: 1222-5.—**Orsós, E. J.** Die Heilung von gonorrhoeischen Endometritiden mittels Ausschabung. Zbl. Gyn., 1931, 55: 476-81.—**Pizzi, F. W.** Calcium in the treatment of acute gonorrheal adnexitis. Med. Times, N. Y., 1934, 62: 348-50.—**Poincloux, P., & Weissmann, P.** La vaccination régionale: son application au traitement des salpingites. C. rend. Soc. biol., 1928, 99: 290-2.—**Pugh, W. S.** Gonorrhea in women; infection of the Fallopian tubes and ovaries. Med. World, 1931, 49: 14-7.—**Rodríguez López, M. B.** El síndrome subcostal y de reacción frénica del Profesor Dr Carlos Stajano en las anexitis gonococcicas; a propósito de un artículo de la Presse Médicale, de diciembre de 1938. Ann. brasil. gyn., 1939, 8: 489-94. Also Arch. urug. med., 1940, 16: 313-9.—**Rosset-Bressand, M.** Les mérites gonococciques de première infection. J. méd. Bordeaux, 1931, 108: 548-50.—**Sicher, G., & Wiedmann, A.** Experimentelle Untersuchungen über die Elektrolytschwelle des Serums als ein diagnostisches Hilfsmittel bei gonorrhoeischen Adnexitserkrankungen. Wien. klin. Wschr., 1932, 45: 876.—**Siredey, A.** La métrite blennorragique. Gynécologie, 1926, 25: 705-24.—**Sossica, E.** La blennorragia nella donna e le sue complicitanze con particolare riguardo alle annessiti. Morgagni, 1930, 72: 1321-9.—**Studdiford, W. E., Casper, W. A., & Seadron, E. N.** The persistence of gonococcal infection in the adnexa. Surg. Gyn. Obst., 1938, 67: 176-80.—**Tsygareli, G. A.** [Treatment of gonorrheal adnexitis with lysozyme] Ann. Mechnikov. Inst., Kharkov, 1937, 6: 97-140.—**Uchikura, K.** Preliminary report on treatment of gonorrheal salpingitis by oxygen therapy. J. Philippine Islands M. Ass., 1938, 18: 375-7.—**Vogt, H.** Auro-Detoxin-Behandlung fieberhafter gonorrhoeischer Adnexitiden und Cystopyeliden. Derm. Wschr., 1936, 102: 41-3.—**Vonkennel, J.** Forcierte intravenöse Kalziumbehandlung der Adnexitis gonorrhoeica. Münch. med. Wschr., 1926, 73: 1884.—**Wolterreck, K.** Ueber die Behandlung der gonorrhoeischen Adnexitis mit Gonoyatren. Zbl. Gyn., 1931, 55: 2117-20.
- **Vulva, and vagina.**
- RISCH, P.** *Zur Kenntnis der Vulvovaginitis gonorrhoeica bei Neugeborenen. 21p. 8°. Jena, 1925.
- SAAD, G.** *Der Glykokegehalt der Scheiden-epithelien bei der Gonorrhoe. 16p. 8°. Münch., 1926.
- Abrams, S. F.** Gonorrheal vaginitis in children. J. Missouri M. Ass., 1936, 33: 263-5.—**Arievich, A. M.** [Gonorrheal vulvo-vaginitis infantum] Mosk. med. J., 1926, 6: No. 9, 26-40.—**Back-Slutsky, E.** Vulvovaginitis gonococciques infantiles. Rev. fr. pédiat., 1935, 11: 736-51.—**Benson, R. A.** Gonorrheal vaginitis in children. Med. Clin. N. America, 1939, 23: 661-8.—**Steer, A., & Speer, F. D.** Gonorrheal vaginitis of children, with report of an autopsy. Am. J. Child., 1939, 57: 290-305.—**Benson, R. A., & Weinstein, I.** Gonorrheal vaginitis in children; a review of the literature. Ibid., 1940, 59: 1083-96.—**Blum, J.** Gonorrheal vaginitis of infants as a seasonal disease. Arch. Pediat., N. Y., 1928, 45: 357-63.—**Bonhomme, P.** Vulvovaginite gonococcique avec réactions annelles et articulaires chez une petite fille. Arch. mal. reins, 1936-37, 10: 206-8.—**Brown, D. K.** Vulvo-vaginitis in children. Brit. J. Vener. Dis., 1930, 6: 285-300.—**Brunet, W. M., Telle, D. M.** [et al.] Cervico-vaginitis of gonococcal origin in children. Hosp. Social Serv., 1933, Suppl. 1, 1-98, pl., 2 ch.—**Clauberg, K. W.** Zur Bakteriologie der pseudogonorrhoeischen Vulvovaginitiden beim Kinde und zur Frage der Häufigkeit gonorrhoeischen Scheidenkatarrhs im Kindesalter. Deut. med. Wschr., 1930, 56: 524-6.—**Clinical (The)** and administrative aspects of vulvo-vaginitis in children. Brit. J. Vener. Dis., 1939, 15: 18-44.—**Corrêa da Costa, C.** Vulvo-vaginite blennorragica infantil. Rev. gyn. obst., Rio, 1933, 27: 425-36. Also: Fol. med., Rio, 1934, 15: 97-101.—**Also in: Lições clin. (Gonozaga, L.) Rio, 1934, 295-307.**—**Dooley, P.** Gonorrheal vulvovaginitis; possible sequelae in adult life. Am. J. Dis. Child., 1931, 42: 1086-9.—**Epstein, B.** Zur Epidemiologie und Prophylaxe der Vulvovaginitis gonorrhoeica im Säuglingsalter. Jahrb. Kinderh., 1933, 3. F. 89: 32-32.—**Flusser, E.** Urethritis, Zystitis und Vulvitis bei kleinen Mädchen. Fortsch. Med., 1929, 47: 788-90.—**Fraser, A. R.** Vulvovaginitis in children: an account of its etiology, symptomatology and management, with a summary of 63 cases occurring in South Africa. Brit. J. Vener. Dis., 1925, 1: 268-87.—**Gaté, J., & Michel, P. J.** A propos de la vulvovaginite gonococcique infantile: considérations étiologiques, cliniques et thérapeutiques. J. méd. Lyon, 1931, 12: 313-8.—**Gaudig, H.** Endemisches Auftreten von Vulvovaginitis gonorrhoeica bei Baderkindern. Derm. Wschr., 1931, 93: 1731-4.—**Geiger, J. C., Burlingame, R. W., & Righetti, E.** Gonorrheal vaginitis in children; report of 548 cases. J. California West. M., 1939, 50: 358.—**Gioseffi, M., & Piazza-Poliak, M.** Una epidemia ospedaliera di vulvovaginitis gonococcica. Gazz. osp., 1929, 50: 1663-9.—**González, C. D.** Las vulvovaginitis gonococcicas de la infancia. Rev. mex. puericult., 1932-33, 3: 501-12 pl.—**Gougerot, H.** Vulvites gonococciques infantiles; leurs dangers lointains dans l'enfance et pour le mariage. Rev. gén. clin. théor., 1931, 45: 721-3.—**Hanschell, H. M.** The impression of the children's medical home. Waddon. Brit. J. Vener. Dis., 1935, 11: 219-21.—**Herschan, O.** Zur Beziehung zwischen Vulvovaginitis gonorrhoeica infantum und späterer Aszension der Gonorrhoe. Deut. med. Wschr., 1927, 53: 972.—**Ivanov, N. Z.** The results of a practical inquiry into gonorrheal vaginitis. Urol. Cut. Rev., 1929, 32: 97-107.—**Ueber Vulvitis gonorrhoeica.** Arch. Gyn. Berl., 1930, 141: 714-37.—**Gonorrheal vulvitis; clinical and laboratory studies.** Urol. Cut. Rev., 1930, 34: 793-803. Also Vener. derm., Moskva, 1931, 8: 76-83.—**Quelques notions sur la vaginite blennorragique.** Gyn. obst., Par., 1931, 23: 128-43.—**Ueber gonorrhoeische Vaginitis (ihre pathologische Anatomie und Klinik)** Arch. Gyn., Berl., 1931, 145: 770-90.—**Ueber Lokalisation und Charakter der entzündlichen Prozesse bei der gonorrhoeischen Vulvovaginitis kleiner Mädchen.** Ibid., 1933-34, 155: 605-16.—**Jona, G.** Vulvovaginite blennorragica infantile e sterilità femminile. Pediat. med. prat., Tor., 1938, 13: 243.—**Jurukoff, B., & Sacharief, B.** Beeinflussung von Vulvovaginitis gonorrhoeica durch Masern und Mumps. Deut. med. Wschr., 1938, 64: 1516.—**Karnaky, K. J.** Gonorrheal vulvovaginitis of children. Arch. Pediat., N. Y., 1937, 54: 34.—**Lewis, R. M., & Adler, E. L.** Gonorrheal vaginitis in children. Am. J. Surg., 1936, 33: 529-32.—**Mancini, D.** La vulvovaginite blennorragica delle bambine e sue conseguenze sulla funzione sessuale futura. Riv. ostet. gin., 1936, 18: 165-73.—**Middleton, R. H.** Specific vaginitis in children.

Atlantic M. J., 1927-28, 31: 947-9.—**Mitiukievich, N. A.** [Etiology of vulvovaginitis in children] Vener. dermat., Moskva, 1931, 8: 60-4.—**Mukherjee, C. L.** A preliminary observation on gonococcal vulvovaginitis in children in Bengal. J. Obst. Gyn. Brit. Empire, 1940, 47: 275-90, pl.—**Nelson, N. A.** Gonorrheal vulvovaginitis; a statement of the problem. N. England J. M., 1932, 207: 135-7.—**Paetsch.** Erkrankungen an infektiösem Scheidenkatarrh bei Mädchen in Kindererholungsheimen. Zschr. Schulgesundhpf., 1927, 40: 282.—**Pipping, W.** [On the occurrence of vulvo-vaginitis in institutional children] Fin. läk. säll. handl., 1926, 68: 813-34.—**Reichert, J. L.** Juvenile gonorrheal vaginitis. Tr. Hawaii M. Ass., 1938, No. 48, 29-31.—**Ruys, A. C., & Jens, P. A.** Kulturelle Untersuchung des Rektalschleimes bei Kindern mit Vulvo-vaginitis gonorrhoica. Münch. med. Wschr., 1933, 80: 846.—**Sharp, B. B.** Vulvo-vaginitis. Brit. J. Vener. Dis., 1930, 6: 301-17.—**Singh, B.** Gonorrheal vulvo-vaginitis amongst children. J. Ind. M. Ass., 1935-36, 5: 162-5.—**Spanier, F.** Vulvovaginitis gonorrhoica infantum. Med. Welt, 1929, 3: 1362.—**Stallaker, P. R.** Gonococcal vulvovaginitis before puberty. Texas J. M., 1933, 29: 395-400.—**TeLinde, R. W., Palmieri, I.** [et al.] Round table discussion on gonococcal vaginitis. J. Pediat., S. Louis, 1938, 12: 539-41.—**Thury, I.** [Vulvovaginitis gonorrhoica in girls] Orv. hetil., 1937, 81: 450-2.—**Tod, M. C.** Gonorrheal vulvovaginitis in children. Brit. J. Vener. Dis., 1927, 3: 113-21.—**Touraine, A., & Meslin, H.** Quelques signes de la vulvo-vaginite gonococcique chronique chez la petite fille. Bull. Soc. fr. derm. syph., 1939, 46: 1360-3.—**Vogt, E.** Ueber die Beziehungen der Vulvovaginitis gonorrhoica infantum zu der späteren Tätigkeit der Genitalorgane und besonders zur Sterilität. Deut. med. Wschr., 1926, 52: 520-4.—**Wehrbein, K.** Gonorrheal vaginitis from the viewpoint of the social case worker. Hosp. Social Serv., 1927, 15: 407-10.—**Wordley, E.** An unusual vaginal infection in a young married woman. Lancet, Lond., 1929, 2: 1035.—**Yesko, S. A.** Gonorrheal vulvovaginitis in the young; history, prevalence, treatment and case reports. Am. J. Dis. Child., 1927, 32: 630-46.

Vulva, and vagina: Treatment.

See also Gonorrhea, Treatment—in the female.

DUNAND-HENRY, S. *Contribution à l'étude du traitement des vulvovaginites blennorrhagiques infantiles par le sulfamide et la sulfone. 64p. 8° Par., 1938.

PETIT, B. *Contribution à l'étude de la chimiothérapie par les composés organiques du soufre des vulvovaginites blennorrhagiques des petites filles. 32p. 24cm. Par., 1939.

WOLFGRAMM, A. *Versuche einer neuen Behandlungsmethode bei Vulvovaginitis gonorrhoica infantum [München] 12p. 8°. Düsseldorf, 1933.

Aballi, A. J., Cabrera Calderin, J. G., & Labourdette Scull, J. M. Tratamiento de las vulvo-vaginitis gonocóccicas en la infancia por la sulfanilamida. Arch. med. inf., Habana, 1939, 8: 61-74, tab.—**Audiffuse, E.** Tratamiento das vaginitis infantiles pelos sulfamídicos. J. pediat., Rio, 1939, 6: 96-101.—**Badra, P.** Contribuição ao tratamento da vulvo-vaginite gonococcica infantil, tendo por base o 4-(4-amino-benzol-sulfonamida) benzol-sulfondimetilamida. Pediat. prat., S. Paulo, 1939, 10: 123-41.—**Bender, J.** Ambulante Behandlung von Vulvovaginitis gonorrhoica infantum. Med. Klin., Berl., 1927, 23: 1570-3.—**Benson, R. A.** The treatment of vulvovaginitis with sulfanilamide. Tr. Am. Neisser. M. Soc., 1939, 5: 136-9.—**Blanco, L. V., & Villazon, N. M.** The treatment of gonorrheal vulvo-vaginitis in infants by means of vaccines. Am. J. Dis. Child., 1926, 32: 805-11.—**Borissovsky, N. M.** [Collargol in experimental treatment of gonorrheal vulvovaginitis in children] Urologia, Moskva, 1932, 9: 39-40.—**Brown, D. K.** Management of vulvo-vaginitis in children. Brit. J. Vener. Dis., 1935, 11: 207-18.—**Brown, J.** Treatment of gonorrheal vaginitis in immature girls. J. Am. M. Ass., 1934, 102: 1293.—**Brown, K. D.** Chemotherapy of gonococcal vulvovaginitis, with special reference to M. and B. 693. Brit. M. J., 1939, 1: 320-3.—**Brown, T. K.** The treatment of gonorrheal vaginitis. Med. Clin. N. America, 1936-37, 20: 665-78.—**Soule, S. D., & Kleinc, H. L.** Pyridium in the treatment of gonorrheal vaginitis in children. J. Missouri M. Ass., 1934, 31: 313-5.—**Chanial & Danic.** Deux cas de vulvo-vaginite gonococcique des fillettes guéries par le septoplix. Bull. Soc. fr. derm. syph., 1938, 45: 521.—**Charbonneau, J. H.** Essai thérapeutique sur la vulvo-vaginite gonococcique des petites filles. Union méd. Canada, 1935, 64: 20-3.—**Courtin, W.** Zur Malariabehandlung der Vulvo-vaginitis gonorrhoica. Arch. Kinderh., 1928-29, 86: 28-32.—**Crossen, R. J.** Gonorrheal vaginitis in children treated by diathermy; one- to three-year follow-up. J. Pediat., S. Louis, 1935, 6: 82-7.—**Daffinec, R. W.** Treatment of gonococcal vulvovaginitis in children. Arch. Pediat., N. Y., 1940, 57: 293-301.—**Diatchkin, J.** [Treatment of gonorrheal vulvovaginitis in children] Vrach. gaz., 1927, 31: 1269-74.—**Engel, W. J.** The diagnosis and newer treatment of gonorrheal vulvo-

vaginitis in children. Med. Clin. N. America, 1935-36, 19: 1999-2004.—**Fessler, A.** The treatment of the vulvo-vaginitis gonorrhoica of children. Urol. Cut. Rev., 1930, 34: 444-8.—**Gaté, J., & Cuilleret, P.** Le traitement des vulvo-vaginites gonococciques infantiles par le 1162F. Rev. fr. gyn. obst., 1938, 33: 746-56.—**Goldberg, L. E., & Blanchard, K.** The treatment of gonorrheal vaginitis with Corbis-Ferry gonococcus filtrate. J. Pediat., S. Louis, 1938, 13: 381-9.—**Häberlin, L.** Zur Behandlung der Vulvovaginitis gonorrhoica mit Dauerspülung. Schweiz. med. Wschr., 1937, 67: 119.—**Harrison, L. W.** Behandlung und Vorbeugungsmassnahmen bei Vulvovaginitis der Kinder. Derm. Wschr., 1939, 109: 1095.—**Herold, L.** Erfahrungen über die Behandlung der Vulvovaginitis gonorrhoica infantum. Kinderärztl. Prax., 1932, 3: 103-9.—**Herold, R. D., Hoffman, S. J., & Blatt, M. L.** Biologic therapy of gonococcus vulvovaginitis; a preliminary report. Vener. Dis. Inform., 1930, 11: 397-404.—**Hoffman, S. J.** Sulfanilamide in the treatment of gonorrheal vulvovaginitis. Proc. Int. M. Chicago, 1938, 12: 86.—**Schneider, M.** [et al.] Sulfanilamide in the treatment of gonorrheal vulvovaginitis. J. Am. M. Ass., 1938, 110: 1541-3.—**Hohorst, W.** Neue Wege in der Behandlung der Vulvovaginitis gonorrhoica. Med. Klin., Berl., 1936, 32: 179.—**Holmes, J. W., Jones, J. A., & Gildersleeve, N.** The treatment of gonorrheal vulvovaginitis in children with silver picate suppositories. J. Pediat., S. Louis, 1939, 15: 86-90.—**Hübner, H., & Stölzenberg, H.** Behandlung der Vulvovaginitis gonorrhoica infantum mittels eines Druckdauerspülapparates. Deut. med. Wschr., 1928, 54: 1205.—**Janson, P.** Therapie der Vulvovaginitis gonorrhoica infantum. Prakt. Arzt, 1930, n. F., 15: 216.—**Kniener, W.** Erfahrungen mit der Fieberbehandlung der Vulvovaginitis gonorrhoica infantum. Derm. Wschr., 1939, 108: 275.—**Kushner, D. H.** The treatment of gonorrheal vulvovaginitis with Corbis-Ferry filtrate; results in 36 cases. Med. Ann. District of Columbia, 1938, 7: 18-20.—**Kooij, R.** [Treatment of gonorrheal vulvovaginitis] Ned. tscr. geneesk., 1937, 81: 3515-9.—**Lewinsky, H.** Zur Behandlungsfrage der Vulvovaginitis gonorrhoica infantum; die Verwendung des p-Oxyphenylthylamins in der Gonorrhoe-therapie. Derm. Wschr., 1925, 81: 1462-73.—**Lewis, R. M.** Treatment of vaginitis in children, with especial reference to gonorrheal vaginitis. J. Pediat., S. Louis, 1939, 15: 456.—**Lionetti, G.** La blenorragia ano-rettale nelle bambine affette da vulvo-vaginiti blenorragiche. Gazz. internaz. med. chir., 1937, 49: 31-4.—**Little, A. A., jr.** The treatment of gonorrheal vulvovaginitis with a special glucose tablet. J. Pediat., S. Louis, 1937, 10: 202.—**Loewenstein, L.** Therapie der Vulvovaginitis gonorrhoica. Med. Welt, 1928, 2: 366.—**M. & B.** 693 in gonococcal vulvo-vaginitis. Clin. J., Lond., 1939, 68: 168.—**McCullough, D.** Gonorrheal vulvovaginitis: treatment with sulfanilamide. Texas J. M., 1937 38, 33: 520.—**Marcel, J. E.** La vulvo-vaginite gonococcique des petites filles et son traitement. Rev. fr. gyn. obst., 1938, 33: 396-439. Also Ann. mal. vénér., 1939, 34: 109-11.—**Marshall, J.** The prevention of gonorrheal vaginitis in babies' homes and hospitals. J. Social Hyg., 1930, 16: 359-63.—**Martin, R., & Delanoy, A.** Action favorable du sulfamide 1162 F associé à un traitement local, dans les vulvo-vaginites gonococciques des petites filles. Bull. Soc. pédiat. Paris, 1938, 36: 112-5.—**Michel, P. J., Pellerat & Lugand, A.** Un cas d'ictère avec profondes perturbations sanguines au cours de la thérapeutique par le daganen chez une fillette atteinte de vulvite gonococcique. Bull. Soc. fr. derm. syph., 1939, 46: 233-8.—**Münor, G. C.** Therapy of gonorrheal vaginitis in children; a case report. Proc. Clinic, Honolulu, 1940, 6: No. 12, pt 2, 1.—**Morrison, W. F.** Treatment of gonorrheal vaginitis in children. Med. World, 1937, 55: 687.—**Nagell, H.** Ueber ältere und neuere Behandlungsmethoden der kindlichen Vulvovaginitis gonorrhoica. Arch. Kinderh., 1939, 118: 133-40.—**Negrete, D. H., & Fontán Balestra, E.** Tratamiento biológico de las vulvovaginitis blenorragicas en las vírgenes. Sem. méd., B. Air., 1936, 43: 1556-9.—**Nicolas, J., Rousset, J., & Lavabre, P.** Traitement de la vulvite des petites filles par le bismuth-8-oxiquinolone associé à l'isopropylphthalène de soude. Bull. Soc. fr. derm. syph., 1937, 44: 190-2.—**Nimanis, J.** [Therapy of gonorrheal vulvo-vaginitis] Latv. arstu Z., 1927, 1: 22.—**Popovici-Lupa, M., & Weinberg, A.** [Successful treatment of gonococcal vulvovaginitis in children with Cantacuzene's multivalent antigonococcal vaccine] Rev. st. med., Bucur., 1930, 19: 435-8.—**Sacher, C. B.** Treatment of gonorrheal vaginitis in the young female. Texas J. M., 1936-37, 32: 809.—**Sampaio, M., & Gomes, R.** Tratamentos da vulvo-vaginite infantil gonocóccica. Bol. Of. san. panamer., 1934, 13: 1175-80.—**Sandes, G. M.** The treatment of gonorrhoea in the female and of vulvo-vaginitis in little girls. Practitioner, Lond., 1939, 143: 157-64.—**Schauffler, G. C., Kanzler, R., & Schauffler, C.** Management of 256 cases of infection of the immature vagina; practical deductions, with a study of the use of sulfanilamide in treatment. J. Am. M. Ass., 1939, 112: 411-7.—**Smith, A.** [Case of vulvovaginitis gonorrhoica infantum treated with M & B 693] Nord. med., 1939, 4: 3880.—**Stölzenberg, H.** Ein neuer Druckdauerspülapparat zur Behandlung der kindlichen Vulvovaginitis. Derm. Wschr., 1927, 85: 1255-8.—**Te Linde, R. W.** Gonococcal vaginitis; a new and simple method of treatment for the practitioner. Urol. Cut. Rev., 1938, 42: 817.—**The treatment of vaginitis.** Med. Clin. N. America, 1939, 23: 333-43.—**Touraine, A., & Meslin, H.** Traitement de la vulvo-vaginite des

petites filles par la sulfamide-pyridine et les topiques locaux. Bull. Soc. fr. derm. syph., 1939, 46: 354-6.—**Von Pourtales, J. H.** Control and treatment of gonorrheal vaginitis of infants. Arch. Pediat., N. Y., 1932, 49: 121-5.

— Vulva, and vagina: Treatment: Hormones.

Bösl, J. *Die hormonale Behandlung der Vulvovaginitis gonorrhoica infantum [München] 24p. 8° Zeulenroda, 1937.

Buchholz, G. *Zur Hormontherapie der Vulvovaginitis gonorrhoica infantum [Berlin] 21p. 8° Würzb., 1938.

Matheron, J. M. D. *Aperçu sur l'hormonothérapie folliculaire des vulvo-vaginites blennorragiques des petites filles. 40p. 24cm. Par., 1939.

Schildkrout, H. *Traitement de la vulvovaginite blennorragique infantile par la thécléine. 16p. 8° Genève [1936]

Adler, E. L., Steer, A., & Weinstock, I. Growth and pubertal development of girls treated for vaginitis with estrogenic hormone. Tr. Am. Neisser, M. Soc., 1939, 5: 52-6.—**Argenziano, G.** Sulla follicolino-terapia della vulvo-vaginite gonococcica infantile. Riforma med., 1937, 53: 119-23.—**Beltrami, A.** Sulla terapia della vulvovaginite gonococcica delle bambine mediante ornone follicolare. Gior. ital. derm. sif., 1936, 77: 1037-43.—**Bottiroli, E.** El tratamiento de la vulvovaginitis gonorróica infantil por la hormona follicular. Dia med., B. Air., 1940, 12: 700-2.—**Buhmann, A.** Treatment of gonococcal vulvo-vaginitis with oestrin. Acta d. m. vener., Stockh., 1937, 18: 229-39.—**Burpee, C. M., Robinow, M., & Leslie, J. T.** Gonorrheal vaginitis in girls treated with estrone (theelin) fever and sulfanilamide. Am. J. Dis. Child., 1939, 57: 1-14.—**Cholewowa, L.** [Gonorrhea of the urogenital tract in girls and its treatment with oestrin] Nowiny lek., 1938, 50: 233-9.—**Ciarrocchi, L.** Sul trattamento ormonico della vulvo-vaginite gonococcica delle bambine. Gazz. internaz. med. chir., 1937, 47: 685-95.—**Ebner, P.** Sul nuovo metodo di cura delle vulvo-vaginitis gonococciche infantili con ornone follicolare. Pediat. med. prat., Tor., 1936, 11: 652-63.—**Escardó, F., & Salzman, J.** La hormona ovárica en el tratamiento de la vulvovaginitis gonococcica infantil. Arch. argent. pediat., 1936, 7: 460-73.—**Finkler, R. S.** Endocrine aspects of gonorrheal vaginitis in children. Pub. Health News, Trenton, 1935, 19: 340-2.—**Gallucci, J.** Tratamiento da vulvo-vaginite gonocócica infantil pelo hormônio follicular. Med. cir. pharm., Rio, 1939, 635-12.—**Gaté, J., & Michel, P. J.** Note préliminaire sur le traitement des vulvites gonococciques des fillettes par le benzo-gynocestril. Bull. Soc. fr. derm. syph., 1936, 43: 1444; 1937, 44: 192.—**Delbos, J.** Les vulvo-vaginites infantiles; leur traitement hormonal. Ann. mal. vénér., 1937, 32: 657-90.—**Gentili, M.** Sulla cura della vulvo-vaginite infantile coi preparati follicolari. Gior. ital. derm. sif., 1937, 78: Suppl., 326. Also Gazz. internaz. med. chir., 1938, 48: 2: 39.—**Goldberg, L. E., Minier, C. L., & Smith, E. L.** Estrogenic treatment of gonorrheal vaginitis; report of 17 cases. J. Pediat., S. Louis, 1935, 7: 401-17.—**Grassi, A.** Osservazioni sulla terapia ormonica della vulvo-vaginite gonococcica delle bambine. Gior. ital. derm. sif., 1937, 78: Suppl. No. 7, 127.—**Herrnberger, K.** Ueber die Beeinflussung des kindlichen Vaginalepithels durch Follikelhormon; ein Beitrag zur Dosierung des Follikelhormons bei der gonorrhoischen Vaginitis der Kinder. Arch. Gyn., Berl., 1938, 167: 506-30. — Zur optimalen Dosierung des Follikelhormons bei der gonorrhoischen Vaginitis der Kinder. Deut. med. Wschr., 1938, 64: 1873. — Untersuchungen über zweckmässige Dosierung des Follikelhormons bei der Behandlung der gonorrhoischen Vaginitis der Kinder. Zbl. Haut Geschlkr., 1938, 60: 596.—**Hohorst, W., & Gassmann, G.** Follikelhormon bei der Behandlung der kindlichen Gonorrhoe. Derm. Wschr., 1936, 102: 9-12.—**Huber, J., Lièvre, J. A., & Duperrat, R.** Le traitement de la vulvo-vaginite gonococcique des petites filles par le benzoate de di-hydro-follicline en injections sous-cutanées. Bull. Soc. pédiat. Paris, 1938, 36: 277-85.—**Huberman, J., & Israeloff, H. H.** Therapeutic value and effects of amniotin in gonorrheal vaginitis in children. J. Am. M. Ass., 1934, 103: 18-21.—**Jacoby, A., Madonia, D. E.** [et al.] The treatment of gonococcal vaginitis by estrogenic hormone. Am. J. Obst., 1939, 38: 110-5.—**Jona, G.** Terapia follicolinica nelle vulvovaginiti blennorragiche infantili. Pediat. med. prat., Tor., 1938, 13: 242.—**Karnaky, K. J.** A new treatment for gonorrheal vulvo-vaginitis in children, menorrhagia, metrorrhagia, and abortions by the use of citrated blood of pregnant women; a hormone treatment. Med. Rec., Houston, 1937, 31: 211.—**Lewis, R. M.** A study of the effects of theelin on gonorrheal vaginitis in children. Tr. Am. Gyn. Soc., 1938, 58: 293-9. Also Am. J. Obst., 1933, 26: 593-9. — Estrin in the treatment of gonorrheal vaginitis. Yale J. Biol., 1935-36, 8: 533. — **Adler, E. L.** Gonorrheal vaginitis in children; treatment with estrin. Am. J. Nurs., 1936, 36: 438-41. Also J. Am. M. Ass., 1936, 106: 2054-8.—**Lewis, R. M., & Weinstein, L.** The production of vaginal acidity by estrin; its importance in the treatment of gonorrheal vaginitis. Surg. Gyn. Obst., 1936, 63: 640-3.—

Limper, M. A., & Hieronymus, E. E. Treatment of gonorrheal vaginitis in childhood with estrogenic substances. J. Pediat., S. Louis, 1936, 9: 240-8.—**Menna, F.** L'hormone folliculaire nella cura della vulvovaginite gonococcica infantile. Pediat. (Riv.), 1936, 44: 332-40.—**Miller, J. R.** Two years' experience with theelin treatment of gonorrheal vaginitis. Am. J. Obst., 1935, 29: 553-8.—**Moricard, R.** Développement mammaire et pigmentation provoqués chez la fillette après traitement folliculinique pour vulvite gonococcique. Bull. Soc. obst. gyn. Paris, 1936, 25: 432-4.—**Notes, B.** Failures and recurrences following estrogen treatment of gonorrheal vulvovaginitis. Med. Ann. District of Columbia, 1940, 9: 346.—**Paola, G. di.** El tratamiento de la vulvo-vaginitis gonococcica infantil por la hormona follicular. Bol. Soc. obst. gin. B. Aires, 1937, 16: 242-55.—**Pavia, M.** Sulla terapia delle vulvovaginiti gonococciche dell'infanzia con l'ormone follicolare. Pediat. med. prat., Tor., 1936, 11: 536-48.—**Pérez, M. L., Arenas, N., & Blanchard, O.** Resultado del tratamiento hormonal de las vulvo-vaginitis gonococcicas infantiles. Bol. Soc. chilena obst. gin., 1939-40, 5: 65-75.—**Pinctti, P.** Contributo alla conoscenza dell'istopatologia dell'infezione gonococcica della vagina infantile; con particolare riguardo alle modificazioni indotte nella mucosa vaginale dalla terapia follicolinica. Gior. ital. derm. sif., 1940, 81: 325-41. 3 pl.—**Ravalico, M.** L'estrina nella terapia delle vulvo-vaginiti blennorragiche delle bambine. Ibid., 1935, 76: Suppl. No. 3, 259; 1936, 77: Suppl., 67.—**Reading, B.** Theelin in the treatment of gonococcus vaginitis in children. South. M. J., 1935, 28: 464-6.—**Ruy Prates, B.** Tratamento da vulvo-vaginite gonococcica infantil pela folliculina. Rev. gyn. obst., Rio, 1938, 32: pt. 2, 318-22.—**Sabatier, H.** Le traitement de la vulvo-vaginite blennorragique de la femme châtée, par la folliculinothérapie. Rev. fr. gyn. obst., 1938, 33: 700-2.—**Schirner, G.** Zur Behandlung der Vulvovaginitis gonorrhoica mit Follikelhormon. Arch. Derm. Syph., Berl., 1937-38, 176: 331-6.—**Streitmann, B.** Die Behandlung der Vulvovaginitis gonorrhoica infantum mit Follikel-Hormon. Wien. klin. Wschr., 1937, 50: 1231-3. Also Aerzt. Prax., Wien, 1938, 12: 205-7.—**Tataru, V.** [Follicular therapy in gonorrheal vulvovaginitis] România med., 1937, 15: 134.—**Te Linde, R. W.** The treatment of gonococcal vaginitis with the estrogenic hormone. J. Am. M. Ass., 1938, 110: 1633-8. — **Browner, J. N., jr.** Experiences with amniotin in the treatment of gonococcal vaginitis in children. Am. J. Obst., 1935, 30: 512-23. Also Tr. Am. Gyn. Soc., 1936, 60: 221-36.—**Volavsek, W.** Zur Hormonbehandlung der Vulvovaginitis gonorrhoica. Derm. Wschr., 1938, 106: 410-4.—**Wilde, H., & Wolf, B.** Zur Hormonbehandlung der Vulvovaginitis gonorrhoica infantum. Med. Klin., Berl., 1937, 33: 122-4.—**Witherspoon, J. T.** Treatment of gonorrheal vulvovaginitis in childhood with the ovarian follicular hormone; series of cases in which treatment was unsuccessful. Am. J. Dis. Child., 1935, 50: 913-7.

— in children.

Daubach, E. *Untersuchungen über das Zustandekommen der Kinder-Gonorrhoe [München] 18p. 8° Rosenheim, 1934.

Aleixo, A. Sobre o contágio da blennorragia infantil. Brasil med., 1932, 46: 149.—**Alterthum.** Ueber das Vorkommen und den Infektionsmodus der Genitalgonorrhoe bei Knaben. Deut. med. Wschr., 1926, 52: 746. — Die Bedeutung intensiver Lokalbehandlung bei der kindlichen Gonorrhoe. Zschr. Kinderh., 1927, 44: 546-50.—**Cohn-Hülse, W.** Die Diagnose der kindlichen Genitalgonorrhoe in der ärztlichen Praxis. Kinderärztl. Prax., 1931, 2: 389-94.—**Del Guasta, F.** Blenorragia infantile. Gior. ital. derm. sif., 1935, 76: Suppl., 124.—**Deuber, A.** Perkutane Gonokokken-Infektion bei einem vier Wochen alten Säugling. Schweiz. med. Wschr., 1927, 57: 156.—**Dobszay, L.** Klinische Beiträge zur Kenntnis der kindlichen Gonorrhoe; epidemiologische Beobachtungen. Arch. Kinderh., 1933, 99: 102-8. — Klinikum der genitalen und paragenitalen Prozesse. Ibid., 171-7. — Klinische Beiträge zur Kenntnis der kindlichen Gonorrhoe. Ibid., 100: 106-15. — Ueber ein neues Verfahren zur Heilung des kindlichen Trippers. Ibid., 210-20.—**Ghosh, N. N.** Gonorrhoea in children. Ind. J. Vener. Dis., 1935, 1: 136-40.—**Guasta, F.** Blenorragia infantile; note statistiche osservate presso la clinica dermatofilopatica di Pisa nell'ultimo decennio. Arch. ital. derm., 1935, 11: 502.—**Gumpert, M.** Schulkinder-gonorrhoe als pädagogisches Problem. Deut. med. Wschr., 1931, 57: 155.—**Haskin, S.** Ein Vorschlag zur Verbesserung der Untersuchungsmethode bei Gonorrhoe im Kindesalter. Zbl. Gyn., 1929, 53: 1323-5.—**Hirt, L.** Erfahrungen über erworbene Geschlechtskrankheiten der Kinder. Zschr. Schulgesundh., 1927, 40: 280-2.—**Hofmann, E.** Betrachtungen über die kindliche Gonorrhoe und ihre Prophylaxe. Med. Welt, 1930, 4: 1534-6.—**Ingman, A.** Gonorrhoea in young male children. Forh. Nord. derm. foren., 1925, 6: 175-86.—**Kaufman, S. A., & Bunimovich, D. I.** [Means to prevent child gonorrheal] Sovet. vet. vener., 1934, 3: 108-13.—**Klaften, E.** Zur Klinik der Säuglingsgonorrhoe. Zschr. Kinderh., 1926, 42: 485-9.—**Lebel, A. B.** Le filtrat gonococcique (Corbus Ferry) chez les enfants. Union méd. Canada, 1936, 65: 983-5.—**Livshitz, R. I.** [Diathermy and iontophoresis of metal solutions with the quartz lamp in treatment of gonorrhea in children] Sovet. vrach. gaz., 1934, 38: 914-9.—**Oldershaw, H. L.** Outbreak of gonorrhoea in a residential boys' school. Brit. J. Vener. Dis., 1929, 5: 302.—**Oppenheimer, E., & Everett, R. H.**

School exclusions for gonorrheal infections in Washington, D. C. J. Social Hyg., 1934, 20: 129-38.—Pugh, W. S. Gonorrhea; its complications in children. Med. Clin. N. America, 1931, 14: 1387-402.—Rominger, E., & Szegö, L. Zur Behandlung der kindlichen Gonorrhoe. Aeztl. Prax., Wien, 1932, 6: 249.—Ronchese, F. Contributo all'istopatologia della blenorragia delle bambine. Policlinico, 1926, 33: sez. med., 110-9.—Rosenstern, J. Die Behandlung der kindlichen Gonorrhoe. Ther. Gegenwart, 1927, 68: 500-2.—Rosenthal, T., & Weinstein, J. Practical epidemiology of gonococcal infections in children. N. York State J. M., 1939, 39: 718-22.—Smoroditsey, N. A., & Shagalov, M. N. [Gonorrhea in boys] Sovet. vrach. J. 1938, 42: 283-6.—Steiger-Kazal, D. [Gonorrheal diseases in infants and children] Budapesti orv. ujs., 1932, 30: 265-9.—Telegdi, I. [Treatment of gonorrhea in girls and children] Orv. hetil., 1939, 83: 1075.—Vlassov, V. A. [Gonorrhea in children] Pediatria, Moskva, 1928, 12: 55-61.—Wengraf, F. Beitrag zur Kenntnis der Gonorrhoe im Kindesalter. Mschr. Kinderh., 1926, 32: 503-9.—Wieland, Perkutane (?) Gonorrhoe-Infektion eines Säuglings. Schweiz. med. Wschr., 1927, 57: 278.—Zarfl, M. Die Gonorrhoe des Kindes. Aeztl. Prax., Wien, 1936, 10: 105-8.

— in children, female.

See also subheading Vulva, and vagina.

SPELSBERG, K. O. *Die Häufigkeit der Gonorrhoe bei Kindern unter 14 Jahren, insbesondere bei Mädchen, nach klinischen Krankenblättern von 1920-33. 29p. 8°. Berl., 1936.

Arievich, A. Zur Klinik der Gonorrhoe bei kleinen Mädchen. Arch. Derm. Syph., Berl., 1927, 153: 448-63.—B., A. Leucorrhée des petites filles et blennorrhagie génitale. Gaz. méd. belge, 1903-4, 16: 184.—Bernstine, J. B. Gonorrheal disease in children (female) and its treatment. Med. J. & Rec., 1932, 135: 290-2. Also repr.—Besprozvanina, B. U., & Berenstein, E. M. [Remote sequelae of gonorrhea in children] Akush. gin., 1937, No. 12, 76-9.—Broadbridge, H. G. Gonorrhoea in the female child; some points of treatment. Lancet, Lond., 1930, 2: 580.—Brown, J. The newer treatment of gonorrhea in the immature female. J. Iowa M. Soc., 1934, 24: 331-4.—Gertzenberg, E. J., & Griner, S. A. [Pathological anatomy of gonorrhea (girls)] Sovet. vest. vener., 1934, 3: 168-72.—Karysheva, K. A. [Observations on gonorrhea in girls] Pediatria, Moskva, 1930, 14: 331-5.—Leucorrhée (La) des petites filles et la blennorrhagie génitale. Rev. prat. obst. gyn., Par., 1905, 44-6.—Novotel'nova, O. V. [Gonorrhea in small girls] Vener. dermat., Moskva, 1929, 6: 58-63.—Orlandi, N. Di alcuni reperti istopatologici in casi di infezione gonococcica dei genitali femminili nella prima infanzia. Arch. ital. anat. pat. (1935) 1936, 6: Suppl., 369-83.—Plange. Gonorrhoe bei Volksschülerinnen. Zschr. Medbeamt., 1930, 43: 275-82.—Reichert, J. L. Gonorrheal infection of the lower genital tract in girls. Proc. Inst. M. Chicago, 1937, 11: 373.—Robertson, J. P. Gonorrhea in the female child; a report of 18 cases. J. M. Ass. Alabama, 1933, 3: 196-202.—Santalow, N. W., & Novotel'nova, O. V. Die pathologische Anatomie der Kindergonorrhoe. Arch. Derm. Syph., Berl., 1936, 174: 259-68.—Schauffler, G. C., & Kuhn, C. Information regarding gonorrhea in the immature female. Am. J. Obst., 1933, 25: 374-81.—Soeken, G. Ueber die Beteiligung der inneren Genitalien an der kindlichen Gonorrhoe. Zbl. Gyn., 1926, 50: 2188-94.—Syrkin, S. D. [Gonorrhea in girls] Vener. dermat., Moskva, 1930, 7: 54-9.—Telegdi, I. [How are girls and infants infected with gonorrhea?] Orv. hetil., 1939, 83: mell., 135.—[Gonorrhea in small girls; sources of infection and methods of treatment] Gyógyászat, 1939, 79: 255.—Wie werden kleine Mädchen und weibliche Säuglinge mit Gonorrhoe infiziert? Münch. med. Wschr., 1939, 86: 1810.—Titus, E. W., & Notes, B. Gonorrhea in female children, with special reference to treatment. Arch. Pediat., N. Y., 1933, 50: 284-7.—Vergara de Segura, M. L. Algunas consideraciones acerca de gonococcia vaginal. Salubridad, Méx., 1930, 1: 544.—Williams, T. J. Gonococcus infection in female children. Am. J. Obst., 1928, 16: 861-6.

— in the female.

BUCURA, K. J. Der Tripper des Weibes. p.275-346. 8°. Berl., 1934.

In Haut & Geschlkr. (Arzt & Zieler) Berl., 1934, 5:

CORRÊA DA COSTA, C. Blenorragia na mulher e seu tratamento. 292p. 24½cm. Rio, 1936.

FRANZ, R. Gonorrhoe der Frau. p.555-698. 8°. Berl., 1934.

In Handb. Haut & Geschlkr. (A. & G. Alexander) Berl., 1934, 20: pt. 1.

MILLERIS, A. *Contribution à l'étude de la blennorrhagie féminine. 51p. 8°. Genève, 1934.

PIERRA, L. M., BARBELLION, P. [et al.] La blennorrhagie génitale de la femme. 246p. 24cm. Par., 1938.

Antoine, T. Die Gonorrhoe des Weibes. Wien. klin. Wschr., 1936, 49: 883-5.—Bagouri. Gonorrhea in the female. J. Egypt. M. Ass., 1931, 14: 23-6.—Barringer, E. D. Gonorrhea in the female. Med. Woman J., 1937, 44: 149-53.—Strauss, H., & Crowley, D. F. The problem of clinical gonorrhea in the female. Am. J. Obst., 1933, 25: 538-47.—Bath, T. W. Gonorrhea in women. West. M. Times, 1925-26, 45: 323-35.—Berg, G. Gynäkologie und Urologie. Mschr. Harnkr. sex. Hyg., 1927, 1: 129-36.—Berge, B. S. ten [Gonorrhea of the sexual organs in women] Geneesk. gids, 1940, 18: 214-24.—Bernstine, J. B. Gonorrhea in the female. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 851-76.—Bickel, D. A. Gonorrheal infections of the internal female genitalia. J. Indiana M. Ass., 1929, 22: 194-7.—Black, C. V. Gonorrheal infections in the female. J. Kansas M. Soc., 1935, 36: 56-60.—Brunet, W. M., & Dickinson, R. L. Gonorrhea in the female. Vener. Dis. Inform., 1929, 10: 149-69; 2 pl.—Brunet, W. M., & Salberg, J. B. Gonorrhea in the female. Am. J. Syph., 1937, 21: 64-71.—Bucura, C. Besonderheiten der weiblichen Gonorrhoe. Wien. med. Wschr., 1926, 76: 1171; 1214.

Die weibliche Gonorrhoe. Ber. ges. Gyn., 1932, 22: 689-716.

Einige Richtlinien zur Klinik der weiblichen Gonorrhoe. Med. Klin., Berl., 1934, 30: 1113; 1148.—Burch, L. E. Gonorrhea in the female. Tr. Am. Gyn. Soc. (1929) 1930, 54: 197-205. Also Am. J. Obst., 1929, 18: 689-96 [Discussion] 732-4.—Castaño, C. A. Blenorragia en la mujer. Acción méd., B. Air., 1940, 10: 481 4.—Centanaro, A. Blenorragia genital en la mujer. Dia méd., B. Air., 1930-31, 3: 537.—Charbonnet, P. N. Gonococcus infection in women. Med. J. & Rec., 1930, 131: 493-5.—Curtis, A. H. Gonococcal lesions of the female genitalia, including consideration of some important closely allied problems. Tr. Am. Gyn. Soc., 1928, 53: 5-9. Also Am. J. Obst., 1928, 16: 531-5.—Dorsey, C. W. Gonorrhea in women. Colorado M., 1932, 29: 436-40.—Douay, E. L'infection gonococcique chez la femme; quelques considérations pratiques. J. méd. fr., 1926, 15: 125-8.—Felding, S. [Part of gonorrhea in fluor vaginalis] Ugeskr. laeger, 1939, 101: 781.

Figarella, J., & Donnet, V. Étude anatomo-clinique de la blennorrhagie génitale de la femme. Rev. fr. gyn. obst., 1938, 33: 238-81. Les localisations anatomocliniques de la blennorrhagie génitale chez la femme. Ann. mal. vénér., 1939, 34: 103.—Gaschke, R. Betrachtungen über den spezifischen und unspezifischen genitalen Fluor. Zbl. Gyn., 1929, 53: 1533-6.—Haxthausen, H. [Gonorrhea in women] Hospitalstidende, 1933, 76: [Foren. gyn. obst. Forh.] 39-48.—Holland, E. Gonorrhea in gynaecological practice. Brit. J. Vener. Dis., 1934, 10: 82; 90.—Juliusberg, F. Bemerkungen zur Diagnose, Prognose und Therapie der weiblichen Gonorrhoe. Mschr. Harnkr. sex. Hyg., 1927, 1: 67-75.—Kjellin, I. [Gonorrhea in women] Hygiea, Stockh., 1935, 97: 132; 171.—Krentzel, F. I., Kagan, N. P., & Belenky, I. Y. [Peculiarities in the clinical course and symptomatology of non-complicated gonorrhea in women] Sovet. vest. vener., 1932, 1: 39-48.—Kushnir, M. G. [Gonorrhea in women] Tsentr. med. J., 1928, 2: 693.

Lewis, R. M. Gonococcal infections of women. Bull. N. York Acad. M., 1941, 17: 64-76.—Moench, G. L. Gonorrhea in the female, its diagnosis, prognosis and treatment. Arch. Ther., N. Y., 1926, 5: 356-64.—Mohler, R. W. Gonorrhea in women. Med. Clin. N. America, 1937, 21: 1221-8. Also J. Connecticut M. Soc., 1939, 3: 22-7.—Morris, R. T. Two destroyers of women. Med. Times, N. Y., 1927, 55: 70; 74.—Netter, L. Remarques à propos des gonococcies génitales féminines. Rev. fr. gyn. obst., 1938, 33: 730 8.—Norris, C. C. Report of the female clinical committee. Tr. Am. Neisser M. Soc., 1937, 3: 60-76.—O'Leary, F. J. Gonorrhea in the female. Canad. Lancet Pract., 1927, 68: 45-50.—Pettit, A. V. Gonorrhea in the female. California West. M., 1931, 35: 103-7.—Piera, L. M. La blennorrhagie génitale de la femme. Ann. mal. vénér., 1939, 34: 100-2.—Pugh, W. S. Gonorrhea in women. Am. Med., 1931, 37: 343-5.—Reček, V., & Maroš, D. [Gonorrhea in women] Cas. lék. česk., 1933, 72: 962.—Rorke, M. Gonorrhea in women. Practitioner, Lond., 1936, 137: 163-76.

Gonorrhea in women and children. Lancet, Lond., 1938, 1: 932-6. Also Acción méd., B. Air., 1940, 10: 788.—Salberg, J. B., & Brunet, W. M. Gonorrhea in the female; a review. Ind. J. Vener. Dis., 1938, 4: 195-201.—Scales, E. T. Gonorrhea in the female. J. Nat. M. Ass., N. Y., 1938, 30: 68.—Schröder, R. Die gonorrhöische Erkrankung der Frau. Mitt. Deut. Ges. Bekämpf. Geschlkr., 1932, 30: 60-7.—Smith, E. D. Gonorrheal infections of the female. Kentucky M. J., 1934, 32: 95-8.—Soliman, M., Ashkor, P. [et al.] Gonorrhea in women. J. Egypt. M. Ass., 1931, 14: 118.—Stein, R. O. Die Gonorrhoe der Frau. Wien. med. Wschr., 1933, 83: 468-70.—Tarnaud, R. La blennorrhagie chez la femme. Bull. méd., Par., 1929, 43: 250-2.—Telang, Y. A. Acute Gonorrhea, in women. Ind. M. Rec., 1930, 50: 237; 1931, 51: 105.—Temesváry, M. [Gonorrhea in women] Gyógyászat, 1929, 68: 488-93.—Valerio, A. A blenorragia feminina. Brasil med., 1929, 43: 35.—Vianna, O. La blenorragia nella donna. Studium, Nap., 1930, 20: 150-62.—Walther, H. W. E. Gonorrhoe des unteren weiblichen Urogenitalapparates. Zschr. Urol., 1927, 21: 655-8.—Williams, T. J. Gonorrheal infection. In Pract. Libr. (Appleton) N. Y., 1931, 6: 579-606.

— in the male.

Balog, L. Betrachtungen über die Gonorrhoe des Mannes. Med. Klin., Berl., 1926, 22: 250-3.—Beilin, L. M. The clinical observations of gonorrhea in the male (based on an analysis of 1,000 cases) Illinois M. J., 1928, 53: 345-50.—Blanc, H. Les

gono-bacillosos de l'appareil génital de l'homme. P. verb. Congr. fr. urol., 1932, 32. Congr., 325-31.—**Brengle, D. R.** Gonorrhea in the male. J. Med. Pract., 1936, 1: 92.—**Caulk, J. R.** Gonorrhea in the male. J. Missouri M. Ass., 1938, 35: 240-4.—**Crutcher, H.** Some observations on gonorrhea in the male subject. West. M. Times, 1925-26, 45: 255.—**Drummond, A. C.** Gonorrhea in the male. Pub. Health Nurs., 1939, 31: 270-4.—**Frühwald, R.** Tripper des Mannes. In Haut Geschlkr. (Arzt & Zieler) Berl., 1933, 5: 41-88, illust.—**Harris, A.** Treatment of the male patient with later gonorrhea. Med. Times, N. Y., 1941, 69: 8-10.—**Hubbard, R. W.** Gonorrhea in the male. Eclect. M. J., 1935, 95: 276-85.—**Jenkins, G. DeW.** Acute gonorrhea in the male. J. Iowa M. Soc., 1934, 24: 239-42.—**Landa, E.** Gonorrhea in the male. Clin. M. & S., 1934, 41: 568-72.—**Lepsky, H. O.** Gonorrhea in the male. J. Med., Cincin., 1938-39, 19: 116-21.—**Lersey, P.** [Observations on gonorrhea in men] Ugeskr. læger, 1938, 100: 594-7.—**Mersereau, H. C.** A discussion of Neisser infection in the male. Canad. M. Ass. J., 1926, 16: 789-93.—**Notthafft, A.** [Male gonorrhea in practice of the general practitioner] Urologia, Budap., 1905, 4-11.—**Parmenter, F. J.** Gonorrhea in the male. N. York State J. M., 1933, 33: 140.—**Pelouze, P. S.** Gonococcus infection in the male. Vener. Dis. Inform., 1929, 10: 479-93.—Gonorrhea in the male and its treatment. Yale J. Biol., 1934, 7: 67.—Report of the male clinical committee; summarization of the questionnaire on gonorrhea in the male. Tr. Am. Neisser. M. Soc., 1936, 2: 48-51.—Gonorrhea in the male. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 840-51. Also Bull. N. York Acad. M., 1941, 17: 39-44.—**Pennington, J. W.** Gonorrhea and its complications in the male. Southwest J. M. & S., 1933, 17: 187-92.—**Rajam, R. V.** Some aspects of gonorrhea in the male. Med. Surg. Suggestions, Madras, 1933, 2: 291-9.—**Strohm, J. G.** Gonorrhea in the male. Northwest M., 1935, 34: 13.—**Telang, Y. A.** Acute gonorrhea in men. Ind. M. Rec., 1930, 50: 304-14.—**Wiedmann, A.** Diagnose und Therapie der männliche Gonorrhoe. Aerzt. Prax., 1933, 7: 167-70.

— in the newborn.

See also Gonorrhea, Ophthalmia; also Ophthalmia neonatorum.

MIHM, B. *Die Fälle von Gonoblennorrhoe der Neugeborenen der Universitäts-Frauenklinik Berlin aus den Jahren 1926-34. 31p. 8°. Berl., 1935.

Cathala, V., Lantuéjoul & Seydel. L'infection génitale à gonocoques chez le nouveau-né. Paris méd., 1933, 87: 197-201.—**Cerchiai, U.** Contributo di osservazioni cliniche sulla blenorragia da parto. Gior. ital. derm. sif., 1933, 74: Suppl., 254-60.—**Grineviciute, L.** [Gonorrhea in the new-born; statistics from the University of Vilnius] Medicina, Kaunas, 1933, 18: 621-8.—**Koutseff, A., & Dreyfus, A.** Blennorrhée du nouveau-né après section césarienne. Strasbourg méd., 1933, 93: 288.—**Mancini, D.** Infezione blenorragica e neonato. Riv. ostet. gin., 1937, 19: 7-13.—**Notes, B., & Newman, H.** Congenital gonorrhea of the female genitalia: report of 3 cases. Med. Ann. District of Columbia, 1934, 3: 306-8.—**Ponzi, E.** Infezione gonococcica delle ghiandole salivari in un neonato. Lattante, 1933, 4: 553-60.—**Sloborzanu, Horia & Herscovici, P.** La transmission du placentaire de l'infection gonococcique chez le fœtus. Gyn. obst., Par., 1933, 28: 601-7.—**Sokolova, L. B.** [Placental transmission of gonorrhea] Vest. vener., 1937, Ho. 9-10, 952-4.—**Vilén, A. F.** De la gonorrhée génitale acquise par les nouveau-nés au moment de l'accouchement. Acta derm. vener., Stockh., 1932, 13: 315-46.—**Zhivif, F. M.** [Gonorrhoeal diseases of the mouth in the new-born] Ter. obozr., Odessa, 1913, 6: 472-6.

— in pregnancy and puerperium.

CLAYMAN, S. J. *Gonorrhoe und Wochenbett. 31p. 8°. Zür., 1936.

DEROCHE, P. *Recherche de l'infection gonococcique chez la femme enceinte en particulier par la gonoréaction. 71p. 25½cm. Par., 1939.

HUMMER, R. *Wochenbettverläufe bei Gonorrhoe. 23p. 8°. Bresl., 1932.

SCHLOSSER, L. *Die Beeinflussung der Schwangerschaft, der Geburt und des Wochenbettes durch eine bestehende Gonorrhoe [Heidelberg] 15p. 8°. Bottrop, 1936.

WEISS, A. *Beitrag zur Kenntnis der Beziehungen zwischen der Kolpitis granularis der Schwangeren und Gonorrhoe. 37p. 8°. Heidelb., 1915.

WOLF, K. *Gonorrhoe und Schwangerschaft [Giessen] 16p. 8°. Marb., 1937.

Astrinsky & Grinner. Blennorrhagie et grossesse. Gyn. obst., Par., 1934, 30: 430-48.—**Audébert.** Blennorrhagie et grossesse. Marseille méd., 1928, 65: pt 2, 173-97.—**Bernstine, J. B.** Gonorrheal infection during pregnancy associated with

Trichomonas vaginalis infestation. Am. J. Obst., 1934, 27: 746-8.—Gonorrhea in pregnancy, labor, and the puerperium. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 873-6.—**Castallo, M. A.** Gonorrhea in pregnancy: its treatment and relationship to ophthalmia neonatorum. Med. Rec., N. Y., 1935, 141: 97. Also J. Chemother., 1935 36, 12: 180-4.—**Bernstine, J. B., & Montgomery, T. L.** The treatment of gonorrhea during pregnancy. J. Urol., Balt., 1929, 22: 420-6.—**Bland, P. B.** Gonorrheal invasion of the birth canal; its menace to the new-born. Am. Health Congr., 1926, 4: 15-33.—**Bodnar, L.** Gonorrhoe und Wochenbett. Arch. Gyn., Berl., 1926-27, 129: 506-25.—**Davis, E. V.** Gonorrhea in pregnancy. Urol. Cut. Rev., 1926, 30: 710-3.—**Gaifami, P.** Le complicazioni puerperali della gonorea e loro profilassi in gravidanza. In his Convers. & lez. ostet. gin., Roma, 1933, 144-7.—Gonorrheal infection complicating pregnancy. N. England J. M., 1935, 213: 1042.—**Grossi, G.** Il trattamento della blenorragia in gravidanza. Rass. ostet., 1930, 39: 3-30.—**Horváth, K.** [Chemotherapy of gonorrhea in pregnant and in lactating women] Magy. urol., 1939, 2: 134-8.—**Kushelevsky, A. P.** [Pregnancy, labour, abortion and gonorrhea] Sovet. vrach. J., 1938, 42: 187-94. Also Zschr. Urol., 1937, 31: 449-57.—**Lantuéjoul, Merger & Deroche.** Recherche de l'infection gonococcique chez la femme enceinte. Gyn. obst., Par., 1939, 40: 182.—**Mellroy, A. L.** Gonorrhea as a complication in pregnancy, labour and the puerperium. Brit. J. Vener. Dis., 1927-28, 4: 144-53.—**Mancini, D.** L'infezione blenorragica nei suoi rapporti colle funzioni di maternità. Ann. ostet. gin., 1936, 58: 1067-122.—**Marshall, H. K.** Gonorrhea in pregnancy. West. J. Surg., 1937, 45: 397-403.—**Morisson-Lacombe, A.** La blennorrhagie de la femme enceinte et son traitement. Ann. mal. vénér., 1939, 34: 108. Also Rev. fr. gyn. obst., 1938, 33: 384-95 [Discussion] 744.—**Movitt, S. I.** Gonorrhea in pregnancy; its treatment and relationship to ophthalmia neonatorum. California West. M., 1938, 48: 452.—**Murphy, F. P.** Gonorrhea complicating pregnancy. Nebraska M. J., 1938, 23: 180.—**Rorke, M.** The antenatal treatment of gonorrhoea. Brit. J. Vener. Dis., 1927-28, 4: 134-43. Also Internat. J. Surg., 1928, 41: 174-8.—**Spiegler, R., & Hartung, W.** Gonorrhoe und Schwangerschaft. Mschr. Geburtsh. Gyn., 1935, 59: 41-55.

GONOSPORA.

See Gregarina.

GONSCHOR, Walter, 1909—*Die Behandlung des Schleimhautlupus in der Mundhöhle unter besonderer Berücksichtigung der Diathermie-Schlinge und der Pyrogallus-Aetzkur unter Zuhilfenahme zahnärztlicher Hilfsprothesen. 24p. 23cm. Berl., Hiehold & Co., 1938.

GONTARD, François, 1895—*Les luxations récidivantes de la mâchoire inférieure et leur traitement par les butées osseuses. 89p. 8°. Par., M. Vigne, 1927.

GONTERMANN, Hans, 1905—*Das Verhalten des Bluteiweissbildes und der Viskosität nach See- und Sonnenbädern. 20p. 8°. Rostock, C. Hinströff, 1933.

GONTHIER, Barthélemy.

See Garlin, Charles, Rousset, J., & Gonthier, B. L'anlylos-tomose. 126p. 8°. Par., 1932.

GONTHIER, René Louis, 1913—*Cancer du côlon transverse; excrèse accompagnée de curage ganglionnaire. 62p. 25cm. Par., L. Arnette, 1939.

GONYLEPTIDAE.

Mello Leitão, C. de. Novas Gonyleptidae nas collecções do Instituto Butantan. Mem. Inst. Butantan, 1933-34, 8: 409-17.

GONZAGA, Arcadio C. Studies on sugar and calcium partition in the blood of normal and diseased animals. 40p. 8°. Manila, P. I., Univ. Philippines, 1934.

GONZAGA, Leonel, SOUZA, Octavio de [et al.] Lições de clinica (geral e especial) p. l. 332p. 23cm. Rio, Flores & Mano, 1934.

GONZAGA de Campos Toledo, Luiz. *O liquido cefalo-rachidiano em neuro-psiquiatria (estudo sobre 650 casos) 139p. 8°. S. Paulo, Livr. Liberdade, 1929.

GONZALES, Thomas A[rthur] 1878—

VANCE, Morgan, & HELPERN, Milton. Legal medicine and toxicology. xxxiii, 754p. illust. 8°. N. Y., D. Appleton-Century Co. [1937] ALSO N. Y., D. Appleton-Century Co. [1940]

GONZALEZ, Eudoro.

See *Iturbe, Juan*, & *González, Eudoro*. Contribución al estudio de los gérmenes patógenos del agua. 22p. 8°. Caracas, 1916. ———. Contribución del Laboratorio Iturbe en el 3er congreso Venezolano de medicina. 35p. 8°. Caracas, 1921.

GONZALEZ, Gabriel, 1902—

**La jalousie; étude médico-psychologique*. 78p. 8°. Par., Jouve & cie, 1932.

GONZALEZ, Jesús Antonio, 1912—

**Etude sur l'utilisation thérapeutique des hormones génitales du sexe opposé*. 42p. 8°. Par., V. Degrange, 1938.

GONZALEZ, José de Jesús, 1874—1935.

Jiménez Moreno, W. [Obituary] *Rev. As. méd. mex.*, 1933, 9: 101-10.—*Prunedá, A.* *Elogio del Doctor José de Jesús González, socio correspondiente de la Academia Nacional de Medicina*. *Gac. méd. México*, 1936, 66: 133-41.

GONZALEZ, Juan B.

See *Cantón, E.*, & *González, J. B.* *Atlas de anatomía y de clínica obstétrica*. 174p. 68½ x 50cm. B. Aires, 1910.

GONZALEZ, Juan M. *Alimentación de niños; métodos de México*. 2 p. l. xviii p. [11]-718p. illust. col. pl. col. diagr. 25cm. Méx., 1936.

GONZALEZ, Justo F. *Nutrición, alimentos y salud*. 12p. 8°. Montev., 1935.

GONZALEZ, Regino, 1835—1933.

Aragón, A. [Obituary] *Rev. As. méd. mex.*, 1933, 8: 137.

GONZALEZ, Roberto, 1894—

[Biography] *Rev. méd.*, Managua, 1934-35, 4: 48-50, portr.

GONZALEZ, Vicente, —1935.

[Neurología] *Rev. méd. veracruz.*, 1935, 15: 1690, portr.

GONZALEZ-CELIS, Jorge, 1906—

**Les kystes des ménisques du genou*. 37p. 8°. Par., M. Vigné, 1933.

GONZALEZ Chacón, Emilia. **Cloro globular y plasmático y su dosificación [Chile]* 41p. 8°. Santiago [n. pub.] 1930.

GONZALEZ Lelong, Luis, 1889—1940.

Neurología. *Sem. méd.*, B. Air., 1940, 47: 859.

GONZALEZ P., Luis A. **Percy R. Howe y su tratamiento en las caries pútridas [Chile]* 61p. 27cm. Santiago, La Unión, 1939.

GONZALEZ-RUIZ, Bernardino, 1911—

**L'opération de Parona dans le traitement du varicocèle*. 36p. 24cm. Par., A. Legrand, 1938.

GONZALEZ Velasco, Pedro, 1875—1925.

Pulido Fernández, A. *El Dr Pedro González Velasco*. *Siglo méd.*, 1925, 76: 85; 107; 136.

GONZALEZ Willis, Rafael, 1905—

**La périarthrite dite rhumatismale de l'épaule*. 80 p. 8°. Par., M. Vigné, 1933.

GOOCH, Joel Mathis, 1858—1927.

[Obituary]. *Texas J. M.*, 1927-28, 23: 159.

GOOD, John Mason. *The book of nature; to which is now prefixed, a sketch of the author's life*. xx, 467p. 8°. Hartford, Belknap & Hammersley, 1837.

GOOD, Rudolf, 1905—

**Studie über Erblinienkombinationen in einigen wichtigen Braumvichzucht-Genossenschaften des Kantons St Gallen*. 160p. 24½cm. Zür., 1937.

GOODALE, Raymond Hamilton, 1898

Interpretation of laboratory findings. ix, 170p. diagrs. 8°. Phila., F. A. Davis Co., 1936.

GOODALE, Walter S., 1875—

[Biography] *Phi Chi Q.*, Menasha, 1935, 32: 362, portr.

GOODALL, Alexander, 1876—

Aids to histology. 4. ed. viii, 151p. illust. 16½cm. Lond., Baillière, Tindall & Cox, 1938.

See also in 3. ser., *Gulland, George Lovell*, & *Goodall, Alexander*. *The blood* [&c.] 3. ed. 424p. 4°. Edinb., 1925.

GOODALL, Charles, 1642—1712.

Rolleston, H. *Charles Goodall, a defender of the Royal College of Physicians of London*. *Ann. M. Hist.*, 1940, 3. ser., 2: 1-9. Also repr.

GOODALL, Edward Wilberforce, 1861—1938.

A short history of the epidemic infectious diseases. 113p. 8°. Lond., J. Bale, Sons & Danielsson, 1934.

——— *William Budd; the Bristol physician and epidemiologist*. 159p. pl. port. 8°. [Brist.] Arrowsmith [1936]

For biography see *Bull. Hist. M.*, 1939, 7: 565, portr. (W. R. Bett) Also *Med. Off.*, Lond., 1939, 61: 22.

——— & WASHBOURN [John Wychenford]

A text-book of infectious diseases; revised by E. W. Goodall. 3. ed. xvi, 718p. 26 pl. 8°. Lond., H. K. Lewis & Co., 1928.

GOODALL, Harry Winfred, 1877—1935.

Breed, W. B. [Obituary] *Ann. Int. M.*, 1935-36, 9: 495.

GOODALL, J. Strickland, 1874—1934.

[Obituary]. *Brit. M. J.*, 1934, 2: 1020.

GOODALL-COPESTAKE, Beatrice Mary, 1877—

The theory and practice of massage and medical gymnastics. 5. ed. xx, 332p. illust. pl. 8°. Lond., H. K. Lewis & Co., 1933.

GOODELL, Frank Wise. *Pocket anatomy*.

154p. 16°. Effingham, Ill., Effingham Print. Co., 1895.

GOODENOUGH, Florence Laura, 1886—

Anger in young children. xiii, 278p. 8°. Minneapolis, Univ. Minnesota Press [1931]

GOODFELLOW, George E., 1855—1910.

Wesson, M. B. *George E. Goodfellow, frontier surgeon and soldier*. *Ann. M. Hist.*, 1933, n. ser., 5: 236-45.

GOODFELLOW, [James] A[nderson] *Radiant health: diet and disease*. v.1. 178p. portr.

8°. Chesterfield [Eng.] Bales & Wilde [1936]

GOODFELLOW, Lorel.

See *Mackay, Helen M. M.*, & *Goodfellow, L.* *Nutritional anaemia in infancy* [&c.] 125p. 8°. Lond., 1931.

GOODFELLOW, Peter Robertson, 1910—40.

[Obituary]. *Lancet*, Lond., 1940, 1: 1101, portr.

GOODHART, Sir James Frederic, 1845—1916.

The diseases of children; ed. by G. F. Still. 11. ed. xv, 942p. 8°. Lond., J. & A. Churchill, 1921. ALSO 12. ed. xv, 966p. 8 pl. 1925.

GOOD Health. *Battle Creek, Mich.*, v.61, 1926—

GOOD-HEALTH (The) clinic. Syracuse, N. Y., v.23-26, 1919-22.

GOODLAND, Roger, 1880—

A bibliography of sex rites and customs; an annotated record of books, articles, and illustrations in all languages. v, 752p. 4°. Lond., G. Routledge & Sons, 1931.

GOODMAN, A. M. *The construction of concrete floors for dairy stables*. 52p. 8°. Ithaca, N. Y., 1926.

Forms No. 140 of Cornell Extens. Bull.

GOODMAN, Albert. **La tuberculose du nourrisson avec 2 cas de guérison complète*. 31p. 22½cm. Lausanne, C. Risold, 1939.

GOODMAN, Bernard, 1908

**Beitrag zum Krankheitsbild der Phlebektasia congenita*. 17p. pl. 23cm. Berl., R. Pfau, 1937.

GOODMAN, Edward Harris, 1880—1939.

[Obituary]. *J. Am. M. Ass.*, 1939, 113: 76.

GOODMAN, Herman. 1894— *The basis of light in therapy*. x, 163p. 12°. N. Y., Med. Lay Press, 1926. ALSO 2. ed. xi, 212p. 1928.

——— *Care of the skin in health*. vii, 99p. 12°. N. Y., Med. Lay Press, 1926.

——— *Sanitation, hygiene, bacteriology and sterilization*. 3 p. l. 151p. 8°. N. Y., Med. Lay Press, 1929.

——— *Rational pharmaceutical treatment of common skin diseases*. xiv, 347, 3p. 32 pl. 8°. N. Y., Med. Lay Press [1932]

— Silk handlers' disease of the skin. p.77-95. 19cm. N. Y., 1933.
In *Ramazzini, Diseases of tradesmen*, N. Y., 1933.

— Cosmetic dermatology. xv, 591p. 8° N. Y., McGraw-Hill Book Co., 1936.

— Calendar love; the truth about birth control. 55p. 8° N. Y., Hermes Pub. Co., 1937.

— Principles of professional beauty culture. xii, 395p. 23½cm. N. Y., McGraw-Hill Book Co., 1938.

GOODMAN, Irene F. The romance of the spine. viii, 77p. 8° Lond., J. Bale, Sons & Danielsson, 1935.

GOODMAN, Louis S[anford] 1906- Pharmacology and the therapeutic action of drugs. p.3-358. 25cm. N. Y., D. Appleton-Century Co., 1940.

In *Ther. Int. Dis.* (Blumer, G. [et al.]) 2:

— Toxicology. p.359-460. 25cm. N. Y., D. Appleton-Century Co., 1940.

In *Ther. Int. Dis.* (Blumer, G. [et al.]) 2:

GOODMAN, Mary. A nursery school child; a case study. 13p. 8° Langhorne, Child Res. Clin. Woods Schools [1936]

Forms No. 2, v.2, Child Res. Clin. Ser., Langhorne, Pa.

GOODMAN, Nathan Gerson, 1899- Benjamin Rush, physician and citizen, 1746-1813. 6 l. 421p. pl. portr. facs. 8° Phila., Univ. Pennsylvania Press, 1934.

GOODNOUGH, Josephus. Favorite medical receipt book and home doctor. 771p. 8° Detr., F. B. Dickerson Co., 1904.

GOODNOW, Minnie, 1871- The technic of nursing. 2 p. l. 452p. 8° Phila., W. B. Saunders Co., 1926. Also 2. ed. 2 p. l. 460p. 1930. Also 3. ed. 2 p. l. 511p. illust. diagrs. 1935.

— Outlines of nursing history. 4. ed., reset. 472p. 20cm. Phila., W. B. Saunders Co., 1928. Also 5. ed. 2 l. 517p. illust. portr. maps. 1935. Also 6. ed., reset. 489p. illust. portr. maps. facs. 1938.

— Outline for teaching; to be used with the 5. edition of: Outlines of nursing history. 9p. 8° Phila., W. B. Saunders Co., 1933.

— Nursing history in brief. 325p. illust. 20cm. Phila., W. B. Saunders Co., 1938.

GOODRICH, Annie Warburton, 1866- The social and ethical significance of nursing; a series of addresses. x, 401p. 8° N. Y., Macmillan Co., 1932.

GOODRICH, Charles Howard, 1872-1939. Obituary. *J. Am. M. Ass.*, 1939, 113: 348.

GOODRICH, William Albert, 1876-1929. Graves, F. G. Obituary. *Proc. Connecticut M. Soc.*, 1929, 137: 224.

GOODRICH, William H., 1873- The history of the medical department of the University of Georgia. 215p. 2 pl. 8° Augusta, Ga. [Ridgely-Tidwell Co., 1928]

GOODRIDGE, Frederic Grosvenor, 1874 See *Kahn, Max*, & *Goodridge, Frederic G.* Sulfur metabolism [&c.] 831p. 8° Phila., 1926.

GOODSITT, Edward, 1906- *Agranulocytosis [Wisconsin Univ.] 15p. 4° Milwaukee, 1931.

Typewritten.

GOODSON, John A. Modified cinchona alkaloids: Chlorodihydro-bases. p.1094-7. 8° [Bungay, Eng., R. Clay & Sons] 1935.
Repr. from *J. Chem. Soc.*, Aug. 1935.

GOODWIN, Aubrey, 1889- See *Ellison, John*, *Goodwin, A.*, & *Read, Charles D.* Sex ethics. 281p. 8° Lond., 1934.

GOODWIN, Charles H. Hospital treatment of diseases of the heart and lungs, with over 350 formulae and prescriptions [&c.] v, 196p. 8° N. Y., 1883. Also 4. ed. v, 196p. 12° N. Y., J. B. Flint & Co., 1897.

— Treatment of diseases of infancy and childhood [&c.] 2. ed. viii, 284p. 12° N. Y., J. B. Flint & Co., 1897.

GOODWIN, Edward Jewett, 1864-

Biography. *J. Missouri M. Ass.*, 1938, 35: 407, portr.

GOODWIN, Edward McKee, 1859-1937.

[*Biography*] *Volta Rev.*, 1935, 37: 401; 437.

GOODWIN, George Munro, 1887-

Russell A. Hibbs, pioneer in orthopedic surgery, 1869-1932. x, 136p. pl. diagrs. portr. 8° N. Y., Columbia Univ. Press, 1935.

See also *Lambert, Samuel Waldron* & *Goodwin, G. M.* Medical leaders from Hippocrates to Osler. 330p. 8° Indianapolis [1929]

GOODWIN, Sir John, 1871-

Goodwin, Sir J. Personal reminiscences. *Mil. Surgeon*, 1926, 58: 449-52.

GOODWIN, John Cuthbert, 1891-

The visual training of the soldier, with hints on judging distance. vi, 2 l. 59p. 11 pl. 8° Lond., Gale & Polden [1919]

— The soul of a criminal. 5 p. l. 310p. 8° Lond., Hutchinson & Co. [1924]

GOODWIN, Thomas Herbert, 1871-

Field service notes for R. A. M. C. incorporating amendments to July, 1917. vi, 96p. 12° Lond., J. Bale, Sons & Danielsson, 1918.

GOODWIN, William Hall, 1882-1937.

Watts, S. H. [Obituary] *Tr. South. Surg. Ass.*, 1937, 50: 425, portr. Also *Ann. Surg.*, 1938, 107: 872.

GOODYER, John, 1592-1664.

Translator of *Dioscorides*, *Pedanius* of Anazarbos. The Greek herbal. 701p. roy. 8° Oxf., 1934.

GOOREN, Gérard Louis Joseph. *Hygienische Untersuchungen der Handelsmilch [Bern] 22p. 8° Jena, G. Fischer, 1912.

GOOS, August Herman Frederik Carl, 1835-?

Fr., T. [Biography] *Nyt tskr. abnormaes.* Kbh., 1902, 4: 1-4, portr.

GOOS, Gerhard, 1902-

*Erfahrungen mit 1,500 Avertinnarkosen [Düsseldorf] 19p. 8° Welper-Ruhr, Wiegold, 1934.

GOOSE.

See also *Fowl*; also names of parasites of the goose as *Eimeria*; *Leucocytozoon*, etc.

Bornstedt, S. von & Fiedler, K. Untersuchungen auf Fleischvergifter bei aus Polen und Litauen eingeführten Mastgänsen. *Berl. tierärztl. Wschr.*, 1932, 48: 721-4.—**Cram, E. B.** A parasite nematode as the cause of losses among domestic geese. *North Am. Vet.*, 1926, 7: 27-9.—**Fitch, C. P.**, & **Kinneberg, O.** Exudative septicemia of geese. *Cornell Vet.*, 1920, 10: 211-4.—**Lerche.** Nierencoccidiose bei Hausgänsen. *Zschr. Infectkr.*, 1923, 25: 122-33, pl.—**Rohonyi, N.** Eine durch B. paratyphi und B. coli verursachte Epidemie unter einige Tage alten Gänsen. *Deut. tierärztl. Wschr.*, 1930, 38: 69-71.—**Ulrich, K.** Die Magenwurmsuche der Gänse; ein Beitrag zum Studium parasitärer Erkrankungen des Geflügels. *Prag. Arch. Tiermed.*, 1932, 12: 61-8, pl.—**Wilken, H.** Ueber Breslau-Funde bei Gänsekotuntersuchungen. *Zschr. Fleisch Milchhyg.*, 1933-34, 44: 385.

GOOSSENS, Edwin, 1911-

*Ueber die Tagesschwankungen des Kohlenstoff-Stickstoff-Quotienten im Harn. 13p. 20½cm. Bonn, A. Brand, 1938.

GOOSSENS, Nico. *Ueber die Gerinnung des Blutes [München] p.271-91. 23cm. Berl., J. Springer, 1936.

Also *Biochem. Zschr.*, 1936, 288:

GOOSTRAY, Stella. Drugs and solutions for nurses. 2. ed. viii, 3 l. 160p. 12° N. Y., Macmillan Co., 1927.

— An introduction to materia medica; drugs and solutions. 3. ed. 215p. 22cm. N. Y.,

Macmillan Co., 1931. ALSO 4. ed. completely rev. 6 p. l. 184p. diagr. 1939.

— & KARR, Walter Gerald. Applied chemistry for nurses. viii, 231p. 8°. N. Y., Macmillan Co., 1924. ALSO 2. ed. viii, 270p. 1927. ALSO 3. ed. 290p. 1931.

GOOT, Dirk Hendrik van der, 1870—
Wilde, P. A. de [Fortieth anniversary] Ned. tsehr. geneesk., 1937, 81: 2764-6.

GOPCEVICH, Marino, 1899— *Contribution à l'étude clinique de la statique et l'hypotonie musculaire. 205p. 8°. Par., Jouve & cie, 1930.

GORACZEWSKI, Theodore C. *Studies and observations on the proper use of sedative drugs [St Joseph's Hospital] 18p. 8°. South Bend, Indiana, 1936.
Typewritten.

GORALEWSKI, Godehard, 1903— *Der akute Anilinismus und seine Beziehungen zur Aetiologie und Pathogenese der Blasenentzündungen auf Grund von Tierexperimenten. 36p. 8°. [Frankfurt a. M., n. pub.] 1928.

GORCZYCKI, Zysko. *Traitement de la coqueluche par le bromure de calcium. 19p. 8°. Genève, Impr. du Commerce, 1935.

GORDET, Gaston Jean, 1907— *La maladie de Paget; étude de ses formes localisées. 79p. 3 pl. 8°. Par., Vigot frères, 1937.

GORDIIDAE.

See also Nematomorpha.

Heinze, K. Die Saitenwürmer (Gordioidea) Deutschlands; eine systematisch-faunistische Studie über Insektenparasiten aus der Gruppe der Nematomorpha. Zschr. Parasitenk., 1936-37, 9: 263-344.—Riddell, W. Gordiidae as parasites of man. Zbl. Bakt., 1. Abt., 1928, 109: 331-8.—Sayad, W. Y., Johnson, V. M., & Faust, E. C. Human parasitization with Gordius robustus. J. Am. M. Ass., 1936, 106: 461.

GORDIN, Raf. *The torsion-dystonic symptom complex; a clinico-histological study contribution to the pathophysiology of the extrapyramidal motoric system. 100p. 8°. Helsinki, Mercator, 1937.

GORDING, Reidar. Om den anatomiske utvikling av den laterale naesevaegs ethmoidal-avsnit gjennom de første barneaar [The anatomical development of the lateral nasal segment of the ethmoid in the first year of childhood] 305p. roy. 8°. Kristiania, J. Dybwad, 1914.

— & BJORN-HANSEN, Haakon. Fokalinfektion. 186p. 8°. Oslo, Grøndahl & Sons, 1933.
Forms Suppl. 17, Acta otolar.

GORDINIER, Hermon Camp, 1864-1930.
Obituary. Arch. Neur. Psychiat., Chic., 1931, 25: 169-73, portr. Also Tr. Am. Neur. Ass., 1931, 57: 542-6.

GORDON, A[lec] Knyvett. Systemic infections, their diagnosis and treatment. p. l. vii-ix, 176p. 8°. Lond., Baillière, Tindall & Cox, 1928.

GORDON, Alexander, 1752 99.
Thoms, H. Gordon of Aberdeen. Am. J. Obst., 1928, 15: 229-33.

GORDON, Burgess Lee, 1892
Editor of Hughes, Daniel E. Practice of medicine. 15. ed. 808p. 8°. Phila. [1935]

GORDON, David, 1894— *Les anti-hormones. 61p. 8°. Par., M. Vigné, 1936.

GORDON, Frank S[cott] 1877— Periodicity in evolution. 20p. 20½cm. [Blairstown, N. J., n. pub., 1939]

GORDON, George, 1907— *Epidémiologie, sérothérapie et vaccination contre la poliomyélite épidémique aux Etats-Unis. 56p. 8°. Par., Jouve & cie, 1936.

GORDON, Grégoire, 1903— *De l'opothérapie pancréatique externe chez le nourrisson. 44p. ch. 8°. Par., E. Desfossés, 1928.

GORDON, J. Matt, 1865-1925.

Obituary. J. Am. M. Ass., 1925, 85: 1984.

GORDON, J. P. Muscle-taping. [12]p. illust. 8°. [Rockford, Ill. [n. pub.] 1934]

GORDON, James Edward, 1872-1927.

Obituary. Brit. M. J., 1927, 2: 80.

GORDON, John, 1870-1939.

Obituary. Melbourne Hosp. Clin. Rep., 1939, 10: 1.

GORDON, John E. Epidemiologic problems in virus diseases. p.3-64. 24cm. Cambr., Mass., Harvard Univ. Press, 1940.

In Virus and ricketts. dis. (Harvard Univ. School Pub. Health)

GORDON, Kate, 1878—

See Franz, Shepherd Ivory, & Gordon, Kate. Psychology. 494p. 8°. N. Y., 1933.

GORDON, Mary Agnes. General and specific factors in transfer of training within verbal tests. 41p. 8°. N. Y., 1938.

Forms No. 227, Arch. Psychol., N. Y.

GORDON, O[liver] W. Rev. John Wesley's valuable primitive remedies; or, An easy and natural method of curing most diseases. 306p. 8°. Chic., 1880.

GORDON, Ronald Grey, 1889— Personality. xiv, 302p. 8°. Lond., K. Paul, Trench & Co., 1926.

— The neurotic personality. x, 300p. 8°. Lond., K. Paul, Trench & Co., 1927.

— The neurotic and his friends. vii, 87p. diagr. 12°. Lond., Methuen & Co. [1931]

— A survey of chronic rheumatic diseases contributed by contemporary authorities in commemoration of the bicentenary of the Royal National Hospital for rheumatic diseases, Bath 1739-1938. vii, 338p. illust. 8°. Lond., Oxford Univ. Press, 1938.

— A survey of child psychiatry; contributed by contemporary authorities; ed. on behalf of the Child Guidance Council. xii, 278p. 22½cm. Lond., Oxford Univ. Press, 1939.

See also Berry, Richard J. A., & Gordon, R. G. The mental defective [&c.] 196p. 22cm. Lond., 1931. Also American ed. 225p. 20½cm. N. Y., 1931. Also Thomson, F. G., & Gordon, R. G. Chronic rheumatic diseases, their diagnosis and treatment. 202p. 8°. Lond. [1926]

— & FORRESTER-BROWN, Maud. Paralysis in children. viii, 328p. illust. 8°. Lond., Oxford Univ. Press, 1933.

GORDON, Ronald Grey, 1889—, HARRIS, Noel Gordon, & REES, John Rawlings. An introduction to psychological medicine. x, 386p. pl. diagrs. 8°. Lond., H. Milford, 1936.

GORDON, Samuel, 1874-1939.

Obituary. J. Am. M. Ass., 1940, 114: 428.

GORDON, Samuel Morris, 1898— Accepted dental remedies; containing a list of official drugs selected to promote a rational dental materia medica and descriptions of acceptable nonofficial articles. 265p. 12°. Chic., Am. Dent. Ass., 1937.

— Dental science and dental art. 731p. illust. diagr. 24cm. Phila., Lea & Febiger, 1938.

GORDON, William, 1863-1929.

Obituary. Brit. M. J., 1929, 2: 698.

GORDON, William Henry, 1890— Agranulocytosis (malignant leukopenia) bibliography. 38 [47] l. 4°. Detr. [1935]

Mimeographed.

GORDONOV, T., MEYER-BISCH, Robert, & UNNA, Paul, jr. Schwefeltherapie. 96p. 8°. Lpz., G. Thieme, 1928.

GORDOWSKI, André Stéphane, 1910—

*Etude comparative de la résorption du para-amino-phényl-sulfamide ou 1162 Fourneau et

de son élimination, après administration par voie buccale et par voie rectale. 41p. pl. 24cm. Par., Maloine, 1938.

GORDY, Yvonne. La télépathie scientifique. 3 p. l. 123p. 12° Par., Ed. Argo [1932]

GORE, Thomas L[ee] 1892— The effect of age on flying. 14p. 4° [n. p., n. pub.] 1934. Mimeographed.

GORECKA-MEINIER, Marcelle, 1902—

*Le pneumothorax spontané non tuberculeux dans la première enfance. 54p. 8° Par., Le François, 1929.

GORECKI, Jean, 1904— *Contribution à l'étude anatomo-histologique et physio-hormonale des grossesses tubaires. 121p. 8° Par., E. Le François, 1935.

GORELIK, Benjamin, 1905— *Les suites opératoires de la pylorotomie extra-muqueuse (opération de Fredet) dans la sténose du pylore par hypertrophie musculaire chez les nourrissons. 87p. 2 pl. 8° Par., L. Arnette, 1929.

GORELIK, Elisabeth, 1897— *L'influence des saisons sur le développement du craniotabes. 47p. 8° Par., P. André, 1928.

GORELLA, Hermann, 1898— *Ueber Osteomyelitis. 20p. 8° [Berl., n. pub.] 1926.

GORENFLO, Walter, 1907— *Die funktionelle Umstellung der Kiefer infolge von Extraktionen und Retentionen [Heidelberg] 27p. 12 pl. 8° Saarbrücken, Malstatt-Burbacher, 1929.

GORENSKY, Boris, 1901— *Quelques considérations sur la marche des accidents d'évolution de la dent de sagesse inférieure. 65p. 8° Par., Impr. M. Dormann & Cerf, 1926.

GORENSTEIN, Lester Melvin, 1912— *Elective localization of bacteria in tissues. 38p. 4° Wauwatosa [n. pub.] 1938. Typewritten.

GORES, Alois, 1908— *Ueber subkutane Darmverletzungen [Berlin] 40p. 8° Charlottenb., K. & R. Hoffmann [1938]

GORES, Heinz, 1907— *Ueber die Geschwülste der Thymusdrüse mit einem eigenen Fall von Rundzellensarcom [Heidelberg] 16p. pl. 8° Saarbrücken, Saarbrückerdr., 1933.

GORES, Hilde, 1912— *Ueber die Zubereitung der Sauergeremüse mit Hilfe von Maissaft, unter Berücksichtigung des Vitamin-C-Gehaltes. 20p. 8° Jena, Buchdr. Werkstätte, 1937.

GORES, Marga, 1909— *Intereranielle und intraorbitale Komplikationen dentaler Genese. 32p. 8° Bonn, A. Brand, 1934.

GORET, Pierre, 1907— *Du rôle des humeurs dans l'immunité; culture des microbes pathogènes sur les sérums pathogènes, sur les sérums normaux et sur les sérums immunisants [Alfort] 128p. 8° Par., Vigot frères, 1931.

GORETZKI, Helmut, 1909— *Ueber die Bildung humoraler Antikörper durch perorale Immunisierung mit Typhus- und Cholera-L-Impfstoff der I. G. Farbenindustrie. 24p. 8° Bresl., A. Schreiber, 1931.

GORETZKY, Paul, 1901— *Ein Beitrag zur Behandlung der Radiusbrüche im unteren Drittel [Breslau] 20p. 8° Lpz., F. C. W. Vogel, 1927.

GORFFE Schoenepauck, Hilde, 1908—

*Ueber eine neue Methode zur quantitativen und zuverlässigen Auswertung pharmakologischer und anderer Reaktionen an der Pupille [Münster] 29p. 20½cm. Quakenbrück, R. Kleinert, 1935.

GORGAS, Ferdinand James Samuel, 1835-1914. Series of questions pertaining to the curriculum of the dental student; embracing dental histology, dental pathology, dental surgery [&c.] viii, 133p. 12° Balt., W. K. Boyle & Son, 1885.

GORGAS, William Crawford, 1854-1920.

See **Carter**, Edward Champe. The lone scout [&c.] 240p. 8° Bost. [1920]

For biography see *Army M. Bull.*, 1940, 52: 88-93, portr. (J. M. Phalen) Also *Clifton M. Bull.*, 1927-28, 13: 15-22 (H. G. Knolls) Also *Clin. M. & S.*, 1928, 35: 77, portr. Also *Colorado M.*, 1926, 23: 49-53 (J. N. Hall) Also *Mil. Surgeon*, 1933, 73: 96-8. Also *South. M. J.*, 1925, 18: 859-64 (S. R. Roberts)

LAMPSON, R. Death loses a pair of wings; the epic of William Gorgas and the conquest of yellow fever. 518p. 21½cm. N. Y., 1939.

MARTIN, F. Major General William Crawford Gorgas, M. C., U. S. A. 2. ed. 74p. 8° Wash. [1929] Also 3. ed. 81p. [1933]

SILER, J. G. Major General William Crawford Gorgas, a biographical sketch presented before the annual meeting of the American Society of Tropical Medicine. 13 l. 4° [n. p., 1921] Typewritten.

UNITED STATES. CONGRESS. COMMITTEE ON FOREIGN AFFAIRS. Hearings on H. R. 8128 to authorize a permanent annual appropriation for the maintenance and operation of the Gorgas Memorial Laboratory; January 20, 1928. 123p. 8° Wash., 1928.

UNITED STATES. WAR DEPARTMENT. SURGEON GENERAL'S OFFICE. ARMY MEDICAL CENTER. The presentation of the portraits of Major General William Crawford Gorgas, Brigadier General James Madison Kennedy, Colonel John Van Rensselaer Hoff, to the Army Medical Center, Memorial Day, 1933. 8 l. roy. 8° Wash., 1933.

Also **Baker, J. N.** William Crawford Gorgas, his contribution to civilization. *Diplomate*, 1937, 9: 49-55. Also *J. M. Ass. Alabama*, 1936-37, 6: 192-7.—**Bermúdez, S.** La obra de Gorgas en Cuba. *Rev. As. méd. mex.*, 1926, 5: 1223-30.—**Honan, W. F.** The Gorgas Memorial; the work of General Gorgas. In *Fifth Ave. Hosp. Clin.*, N. Y., 1927, 51-9.—**LePrince, J. A.** The achievements of William Crawford Gorgas. *Health Off., Wash.*, 1938, 2: 563-70.

GORGAS Memorial Institute of Tropical and Preventive Medicine [Washington, 1920] By-laws (adopted October 26, 1921) 7 l. roy 8° [n. p., 1921] Typewritten.

— Annual report. 1930-31. 8° Wash., 1932—

— By-laws (as amended at the special meeting of the board of directors, Wash., D. C., June 15, 1935) 6 l. roy. 8° [n. p., 1935] Typewritten.

— Certificate of incorporation. 4 l. roy. 8° [n. p., n. d.] Typewritten.

See also **Grayson, C. T.** El instituto a la memoria de Gorgas y su provenir. *Actas Congr. As. méd. panamer.* (1928-29) 1930, 1. Congr., 81.—**Martin, F. H.** The Gorgas Memorial Institute of Tropical and Preventive Medicine. *Mil. Surgeon*, 1925, 57: 610-3.

GORGAS Memorial Laboratory of Tropical and Preventive Medicine. Research work touching causes and prevention of tropical diseases; hearings before the committee on foreign affairs of the House of Representatives of the 70. congress. iii, 123p. 23½cm. Wash., 1928.

— The same. Trabajo de investigación relacionado con las causas y prevención de las enfermedades tropicales en Panama. 132p. 23½cm. Wash., 1930.

See also **Annual report of the Gorgas Memorial Laboratory** 1935. *Vet. Bull.*, Wash., 1936, 30: 247-50.

GORGODERIDAE.

See also Trematoda.

Kuang Wu. Progenesis of *Phyllostomum lesteri* sp. nov. (Trematoda: Gorgoderidae) in freshwater shrimps. Parasitology, Lond., 1938, 30: 4-19, 3 pl.—Loewen, S. L. A new trematode of the family Gorgoderidae. J. Parasit., Urbana, 1935, 21: 194-6.—Odlaug, T. O. Abnormal conditions in the reproductive system of the trematode, *Gorgodera amplicava*. Tr. Am. Mic. Soc., 1939, 58: 67-72.—Olsen, O. W. A new species of bladder fluke, *Gorgoderina tanneri* (Gorgoderidae: Trematoda) from *Rana pretiosa*. J. Parasit., Lancaster, 1937, 23: 499-503.—Travassos, L. Contribuições para o conhecimento da fauna helmintológica brasileira; Gorgoderidae brasileiras. Mem. Inst. Oswaldo Cruz, 1922, 15: 220-34, 3 pl.

GORHAM, Frank W., & IVY, Andrew Conway. General function of the gall bladder from the evolutionary standpoint. p.159-213. 24½cm. Chic., Field Mus. Natur. Hist., 1938.

GORHAM, Frederic Poole, 1871-1933.

Bunker, J. W. M. [Obituary] Am. J. Pub. Health, 1933, 23: 716. Also Science, 1933, 77: 597.

GORHAM, Lemuel Whittingham, 1885-

See Ordway, Thomas, & Gorham, L. Whittingham. The diagnosis and treatment of diseases of the blood. 605p. 8° N. Y. [1930] — & Isaac, R. The diagnosis and treatment of diseases of the blood. Rev. ed. 605p. 8° Lond. [1937]

GORILLA.

See Apes.

GORINOWA, Anastasia, 1905-

*Ueber einen Fall von umfangreicher Cystenbildung in der Nebenniere eines Erwachsenen. 18p. 8° Münch. [n. pub.] 1929.

GORIS, A., & LIOT, A. Pharmacie Galénique. 2v. 1917p. paged consec. illust. 2 col. pl. 25cm. Par., Masson & cie, 1939.

GORIS, Charles, 1860-1924.

Cheval [Biography] Bull. Acad. méd. Belgique, 1926, 5. ser., 6: 210-5, portr.

GORJANOVIC-KRAMBERGER, Karl, 1856-1937.

Skerlj, B. Nekrolog. Anthropol. Anz., 1937, 14: 86.

GORKOM, Karel Wessel van, 1835-19?

Jonkmar, H. F. [Biography] In Gallerie hervorrag. Ther. Pharmakogn. Gegenw., Genève, 1897, 213-8, portr.

GORKY, Maxim [pseud.]

Galant, J. S. Delirium febrile Gorkii. Allg. Zschr. Psychiat., 1926, 85: 216-26.

GORMAN, Arthur E.

See Wolman, Abel, & Gorman, Arthur E. The significance of waterborne typhoid fever outbreaks, 1920-30. 82p. 8° Balt., 1931.

GORMAN, J. On the nature and treatment of the typhus; or, Nervous fever. 32p. 8° Mill-edgeville, 1819.

GORMAN, Miguel, fl. 1781.

Beltran, J. R. Los conocimientos médicos de Miguel Gorman. Prensa méd. argent., 1940, 27: 1059-66.

GORMAZ Balieiro, Alberto. *Enfermedades esenciales y diátesis artrítica [Chile] 51p. 26½cm. Nuñoa, Jeneral Díaz, 1939.

GORNICK, Paul [Werner] 1898-

*Ueber Inversio uteri puerperalis (tokogenetische Inversion) mit zwei angeführten Fällen [Berlin] 28p. 8° [Altenburg, S. Geibel & Co.] 1924.

See also Leipmann, W., & Gornick, Paul. Gegenwartsfragen der Frauenkunde. 244p. 8° Lpz., 1933.

GORNY, Maurice, 1912-

*Rôle de l'alcool et de l'effort dans l'insuffisance cardiaque de l'adulte jeune. 88p. 8° Par., M. Vigné, 1938.

GORODETZKY, Louba, 1911- *Du rôle de la pleurésie séro-fibrineuse tuberculeuse dans l'étiologie du mal de Pott de l'adulte. 55p. 8° Par., M. Vigné, 1938.

GORODETSKY, Perel, 1883- *La protection maternelle et infantile en Russie Soviétique d'après les textes législatifs et les documents officiels. 68p. 8° Par., L. Arnette, 1928.

GORODICHE, Jean, 1903-

*Contribution à l'étude des indications opératoires en chirurgie gastro-duodénale. 48p. 8° Par., M. Vigné, 1935.

GOROKHOV, Théodore, 1897-

*L'influence de l'alimentation sur les maladies dans les pays tropicaux. 52p. 8° Par., Le François, 1932.

GOROSTIDI, Marcial, 1899-

*Contribution à l'étude de la sérothérapie antidiphthérique. 59p. 8° Par., L. Arnette, 1929.

GOROVIT, Ira, 1906-

*La forme cavitaire de la dilatation des bronches. 82p. 8° Par., L. Rodstein, 1935.

GORRICHON, Louis Paul, 1904-

*Contribution à l'étude de la typhodiphthérie. 44p. 8° Par., Jouve & cie, 1933.

GORRIE, John, 1803-55.

Jelks, E. A Florida doctor's contribution. J. Florida M. Ass., 1933, 19: 335-7.—Physician and inventor. Clin. M. & S., 1937, 44: 1, portr.—Taylor, H. M. John Gorrie: physician, scientist, inventor. South. M. J., 1935, 28: 1075-82.

GORSE, Jean Martial Camille, 1905-

*Essai sur les modifications sanguines (nombre de globules rouges, hémoglobine, valeur globulaire, au cours des syndromes gastriques. 106p. 8° Par., E. Le François, 1936.

GORSE, Marc, 1911-

*Le prurit en dermatologie animale; principales méthodes de traitement. 65p. 25½cm. Lyon, Bosc frères, 1938.

GORSE, René, 1907-

*Artérites des membres inférieurs et folliculine. 52p. 8° Par., M. Vigné, 1937.

GORTAN, Massimiliano, 1873-1938.

Guarini [Necrologia] Arch. radiol., Nap., 1939, 15: 92, portr.—Palmieri, G. G. Necrologio. Radiol. med., Milano, 1938, 25: 1156-9, portr.—Rossi. In memoria di Massimiliano Gortan; parole commemorative di Arcangelo Vespignani. Ann. radiol., Bologna, 1938, 12: p. ii-viii.

GORTER, E[vert] 1881-

Indrukken van medisch Amerika. viii, 145p. illust. pl. tab. 8° Leiden, H. E. Stenfort Kroese, 1934.

See also Hoeven, P. C. T. van der, & Gorter, E. Physiologie van zwangerschap, baring en kraambed [&c.] 242p. 8° Zundert, 1924.

For portrait see Geneesk. gids, 1939, 17: No. 27.

GORTNER, Ross Aiken, 1885-

Outlines of biochemistry, the organic chemistry and the physico-chemical reactions of biologically important compounds and systems. xv, 793p. 23½cm. N. Y., J. Wiley & Sons, 1929. Also 2. ed. xx, 1017p. illust. diagr. 1938.

— Selected topics in colloid chemistry with especial reference to biochemical problems. xiii, 169p. illust. tab. diagrs. 8° Ithaca, N. Y., Cornell Univ. Press, 1937.

GORTVAY, György, 1893-

A Népegészségügyi Múzeum munkája (1934) [Work of the Museum of Folk Hygiene] 128p. illust. 8° Budap., 1935.

GORUS, Johannes [DE SANCTO GEMINIANO;

JOVANNI DE COPPO; HELVICUS TEUTONICUS] 14. cent. Summa de exemplis ac similitudinibus rerum. 392 l. sm. 4° [Venezia, Johannes & Gregorius de Gregoriis, April 10, 1497]

— The same. 342 l. sm. 4° Basel, Johannes Froben & Peter de Langendorff, Jan. 25, 1499.

GORVEL, Amand René, 1910-

*Les fractures par enfoncement du cotyle [Paris] 108p. 8° Rennes, Impr. Comm. L'Ouest-Eclair, 1937.

GORY, Marcel Henri, 1888-

*Action des eaux résiduaires sur quelques bacilles pathogènes intestinaux et sur le bacille du colon. 80p. 8° Par., A. Legrand, 1925.

GORYN, Szymon. *Melaena vera neonatorum bei Ulcus oesophagi [Basel] 32p. 8°. Mulhouse, J. Brinkmann, 1935.

GORZAWSKI, Heinz [Werner] 1910—
*Die sogenannten aseptischen Knochennekrosen (Epiphyseonekrosen) in aussergewöhnlicher Lokalisation [Breslau] 68p. 8°. Bottrop, W. Postberg, 1934.

GOSEPATH, Franz, 1905— *Die Einleitung der Geburt durch Blasensprengung [München] 16p. 8°. Gladbeck, A. Theben [1931]

GOSIO, B. Guida alla lotta contro la malaria; cinque lezioni per il personale ausiliario nella lotta contro la malaria. 2 p. l. 87p. 8°. Roma, Tipogr. Innocenzo Artero, 1918.

GOSLIN, Ryllis Alexander, & GOSLIN, Omar Pancoast. You and your hospitals. 2 l. 59p. 8°. N. Y., Georgian Press, 1938.

GOSLINGS, Johan. *Verdere bijdrage tot het Salmonella-vraagstuk. 86p. 21 tab. roy. 8°. Amst., P. H. Vermeulen, 1928.

GOSNEY, Ezra Seymour, 1855— Sterilization performed in California State Hospitals for mentally diseased and defective persons up to January 1, 1929. 1 l. 4°. Pasadena, Calif., 1929. Typewritten.

— & **POPENOE, Paul.** Sterilization for human betterment; a summary of results of 6,000 operations in California, 1909-29. xviii, 202p. 8°. N. Y., Macmillan Co., 1929.

— & **BURCHARDI, Konrad** [The same; German translation] Sterilisierung zum Zwecke der Aufbesserung des Menschengeschlechts. 78p. 8°. Berl., A. Marcus & E. Weber, 1930.
Forms II. 5, v.5, Abh. Geb. Sex. Forsch.

GOSSART, Edmond Hubert, 1906—
*Contribution à l'étude du traitement des bronchiectasies par la phrénicectomie. 59p. 8°. Par., L. Arnette, 1934.

GOSSART, Pierre Marie Justin, 1908—
*Les artères de l'oesophage; anatomie médico-chirurgicale. 96p. 4 pl. 8°. Par., 1931.

GOSSEL, Wilhelm, 1899— *Die anatomischen Grundlagen bei der Anfertigung von Metallvollkronen für Prämolaren und Molaren (Auszug) 8p. 8°. Lpz., E. Lehmann, 1923.

GOSSELCK, Walter, 1907— *Fälle von Lungen-Tumoren. 26p. 8°. Rostock, C. Hinstorff, 1932.

GOSSELIN, L. Clinica quirúrgica del Hospital de la Caridad; transl. M. Gómez Pamo. 2v. 2 l. iv, 646p.; 672p. illust. 8°. Madr., Moya y Plaza, 1873.

GOSSELIN, Max, 1913— *Contribution à l'étude des récurrences dans les courbes chlorhydriques provoquées par l'histamine. 83p. 24cm. Par., M. Lavergne, 1939.

GOSSELS, Conrad, 1908— *Diagnostik und klinische Bedeutung der Dickdarmdiverticulosis [Berlin] 23p. 8°. Borna, R. Noske, 1932.

GOSSET, Antonin, 1872— Techniques chirurgicales. 436p. [3p. illust. diagrs. roy. 8°. Par., Masson & cie, 1936.

— Opérations pour appendicite. p.227-71. roy. 8°. Par., 1936.

In his Techn. chir., Par., 1936.
Also editor of Travaux de la clinique chirurgicale [&c.] 243p. roy. 8°. Par., 1926.

— & **FUNCK-BRENTANO, P.** Résultats du traitement chirurgical des fibromes de l'utérus. p.369-99. roy. 8°. Par., 1936.

In Techn. chir. (Gosset, A.) Par., 1936.

GOSSET, Antonin, HAUDROY, P., & ROUCHE, P. Recherches sur la stérilisation des objets de pansement. p.27-77. roy. 8°. Par., 1936.

In Techn. chir. (Gosset, A.) Par., 1936.

GOSSET, Antonin, & PETIT-DUTAILLIS, D. Maladies de l'estomac et du duodénum. p.416-576. illust. 8°. Par., Masson, 1938.

In Précis path. chir., 6. éd., Par., 1938, 4:

GOSSET, Jean, 1890— *La dermite granuleuse de 1850 à nos jours; son traitement chirurgical [Alfort] 76p. 8°. Toulouse, J. Bonnet, 1929.

GOSSET, Jean Charles Antonin, 1907—
*Le cancer du colon droit. 325p. 28 pl. 8°. Par., Masson & cie, 1933.

GOSSET, William Sealy, 1876-1937.
McMullen, L. Obituary. Biometrika, Camb., 1938-39, 30: 205-10, portr.

GOSSETT, Walker Bourne, 1873— What the public should know about childbirth. xi, 290p. 8°. Minneapolis, Midwest Co., 1931.

GOSSLER, Carl Oscar, 1906— *Ueber Vorbehandlung und offene Wundbehandlung mit Tierkohle bei Basedow-Operationen [Marburg] 28p. 8°. Gütersloh, Thiele, 1930.

GOSSLER, Martin, 1912— *Die stufenphotometrische Bestimmung der Xanthoproteinreaktion im Blut und ihre klinische Bedeutung unter besonderer Berücksichtigung der Arthritiden [Jena] 24p. 21cm. Welda-Thür., Thomas & Hubert, 1938.

GOSSLICH, Hermann, 1906— *Ueber einen Fall von seitlicher Halsfistel, ductus Thymopharyngeus. 22p. 21cm. Bresl., Genossenschaft-Buchdr., 1937.

GOSSMANN, Josef R[udolf] 1889—
See Drachter, R., & Gossmann, J. R. Chirurgie des Kindesalters. 3. Aufl. 1031p. roy. 8°. Lpz. 1930.

GOSSMANN, Rudolf, 1906— *Vergiftungen durch Arzneimittel in den Jahren 1920-1930. 40p. 8°. Würzb., Popp, 1931.

GOSSNER, Eugen, 1911— *Aetiologie, Diagnose und Therapie der Pancreatitis acuta und subacuta [München] 27p. 21cm. Bonn, Kubens, 1938.

GOSSYPIUM.

See Cotton; Cotton plant.

GOSSYPOL.

See under Cottonseed.

GOSTL, Branko, 1903— *Ueber einen Fall von Konglomerattuberkel der Aderhaut-Netzhaut [Würzburg] 22p. 8°. Karlovac, D. Hauptfeld, 1930.

GOSTYNSKI, Erich, 1904— *Ueber die Beteiligung der Nieren bei Periarteriitis nodosa. 23p. 8°. Berl. [n. pub.] 1933.

GOT, Paul Clément Auguste, 1900—
*Contribution à l'étude des traumatismes du poignet; à propos de 2 cas de fracture des trapèze et trapézoïde. 60p. 3 pl. 8°. Par., Le François, 1930.

GOT, Roger, 1907 *L'assistance aux épileptiques; son état actuel en France. 78p. 8°. Par., Le François, 1932.

GOTCHEV, Mariam [née Herrmann] *La pyélite et la cystite chez les enfants. 22p. 8°. Genève, Impr. Commerce, 1934.

GOTCHEV, P[ei]o *Des hémorragies digestives initiales dans les leucémies; myéloïdes chroniques. 16p. 8°. Genève, Impr. Commerce, 1933.

GOTH [Michael] **Walther**, 1900– *Carcinoma simplex in einem fibromyomatösen Korpuspolygon bei einer 28jährigen Virgo intacta [Leipzig] 33p. 8° [Zeulenroda, A. Oberreuter] 1928.

GOTHIE, Marguerite Marie Christine Simone, 1905– *Sur les constituants protidiques du sang circulant; contribution à l'étude des oedèmes, en particulier des oedèmes hépatiques. 140p. 8° Par., Labor, 1934.

GOTO, Seitaro, 1867–1935.

Goda, T. Obituary. Japan. J. Zool., 1934–35, 6: 1, portr.

GOTO, Shipei, 1855–1929.

Obituary. J. Am. M. Ass., 1929, 92: 2037.

GOTSCHLICH, Emil, 1870– Handbuch der hygienischen Untersuchungsmethoden; unter Mitwirkung namhafter Fachgelehrter. 3v. roy. 8° Jena, G. Fischer, 1926–29.

For biography see Zbl. Bakt., 1. Abt., 1930, 116: p. i–iv (P. Uhlenhuth)

GOTT, Theodor, 1880–1934.

Kaupe. Nekrolog. Med. Klin., Berl., 1934, 30: 383.

GOTTA, Héctor. El corazón y la circulación en los hipertiroides; consideraciones sobre fisiopatología clínica y terapéutica. 105p. illust. 23cm. B. Aires, El Ateneo, 1938.

GOTTBERG, Jutta von, 1893– *Ueber die Zunahme der Helminthiasis bei Kindern; ein Beitrag zu ihrer Diagnostik und Therapie [Bonn] 26p. 8° Stuttg. [n. pub.] 1921.

Also Arch. Kinderh., 1920–21, 68:

GOTTBERG, Lothar, 1908– *Ueber die Prognose der Säuglingstuberkulose [Würzburg] 20p. 8° Ochsenfurt, Fritz & Rappert, 1935.

GOTTELAND, Robert, 1909– *La santé par la terre; le Docteur Lanery et son oeuvre médicale terrienne et sociale. 54p. 8° Par., M. Vigné, 1936.

GOTTESBUEREN [Lothar Clemens] **Hermann**, 1903– *Ein Fall von Chorionepithelioma malignum [Heidelberg] 35p. 8° Borna, R. Noske, 1928.

GOTTESMANN, Elias. *Ueber traumatische Reflexkontrakturen (Akrodistonie von Bing) 30p. 8° Basel, S. Brin, 1923.

GOTTESMANN, Hugo, 1910– *Le carcino-sarcome du sein. 59p. 8° Par., L. Rodstein, 1936.

GOTTFRIED, Philipp, 1909– *Ueber die zweckmässigste Technik der Darstellung resp. Auffindung von Kavernen mittels röntgenologischer Methoden [München] 24p. 8° Speyer, Pilger, 1939.

GOTTFRIED, Sigismund, 1903– *Indications de la radiothérapie profonde dans les cancers du sein; résultats cliniques observés. 68p. 9 pl. 8° Par., M. Vigne, 1928.

GOTTHARDT, Ilse, 1911– *Untersuchungen über Körperbewegung und Kaufunktion in ihrer Bedeutung für die Gesundheit des Kauorgans; zusammengestellt nach dem Schrifttum [Bonn] 39p. 20½cm. Waldbröl (Rhld.) Haupt, 1937.

GOTTHILF, Adolf, 1895– *Zur Salvarsanbehandlung der Malaria. 23p. 8° Frankf. a. M., A. Frankfurter, 1918.

GOTTHILF, Siegfried. 1898– *Die serologischen Reaktionen bei der juvenilen Paralyse. 64p. 8° Bonn, H. Trapp, 1928.

GOTTLIEB, Bernhard. Schmutzpyorrhoe, Parodontalpyorrhoe und Alveolaratrophie; Klinik, Ätiologie, Prophylaxe und Therapie. viii, 88p. pl. 8° Berl., Urban & Schwarzenberg, 1925.

— & **ORBAN**, Bálint. Die Veränderungen der Gewebe bei übermässiger Beanspruchung der Zähne. 225p. 8° Lpz., G. Thieme, 1931.

— Zahnfleischentzündung und Zahnlockerung. 286p. illust. 8° Berl., Berl. Verlagsanstalt, 1933.

— The same. Biology and pathology of the tooth and its supporting mechanism; translated and edited by Moses Diamond. xiip.; 195p. illust. 24cm. N. Y., Macmillan Co., 1938.

GOTTLIEB, Elek, 1900– *Das Blutbild bei den Leberkrankheiten; mit besonderer Berücksichtigung des Ikterus [Auszug] 7p. 8° Lpz., A. Edelmann, 1925.

GOTTLIEB, Flora Marie, 1901– *Die Behandlung absteigender Ohren. 17p. 8° Berl. [n. pub.] 1932.

GOTTLIEB, Hans. *Zur Frage der Gehirnreaktionsfähigkeit von Spirochätenantiseren. p.221–32. 8° Basel, 1934.

Also Zschr. Immunforsch., 1933, 80:

GOTTLIEB, Maximilian, 1908– *Aperçu de l'hygiène publique et sociale en Roumanie. 50p. 8° Par., Impr. Studio, 1933.

GOTTLIEB, Rudolph, 1864–1924.

See **Meyer**, Hans Horst, & **Gottlieb**, R. Experimental pharmacology. 2. ed. 656p. 8° Phila. [1926] & **Pick**, Ernst P. Die experimentelle Pharmakologie als Grundlage der Arzneibehandlung. 9. Aufl. 876p. 8° Berl., 1936.

GOTTLIEB, Samson, 1912– *Le traitement des spasmes artériels par les injections intraveineuses lentes d'acétylcholine. 48p. 24cm Par., J. Haumont, 1939.

GOTTLIEB, Siegfried, 1904– *Die Behandlung der Varizen. 24p. 8° Berl., H. Michel, 1934.

GOTTMANN, Franz, 1903– *Beitrag zur vergleichenden Histologie der Hartsubstanzen der Katzenzähne. 18p. 8° Würzb., G. Grasser, 1929.

GOTTRON, Heinrich. Kreislaufstörungen und Hämorrhagien der Haut. p.1–70. illust. roy. 8° Berl., 1934.

In Haut & Geschlkr. (Arzt & Zieler) Berl., 1934, 2:

GOTTSCHALDT, Kurt. Der Aufbau des kindlichen Handelns; vergleichende Untersuchungen an gesunden und psychisch abnormen Kindern. 228p. 8° Lpz., J. A. Barth, 1933.

Forms Beih. 68, Zschr. angew. Psychol.

GOTTSCHALK, Adolphe, 1910– *Contribution à l'étude de la lèpre dans les deux états baltiques: la Lettonie et l'Esthonie. 45p. 8° Par., Vigot frères, 1936.

GOTTSCHALK, Bruno. *Prodromale Schmerzdämmerzustände bei luetischen Psychoosen [Basel] 24p. 8° S. Louis [n. pub.] 1929.

GOTTSCHALK, Franklin Benjamin, 1867– Practical electro-therapeutics. 331p. illust. 8° Chic., T. Eisele [1904]

GOTTSCHALK, Gertrud, 1887– *Ueber die Wirkung des Strophantins auf den Sauerstoffverbrauch des Froscherzens [Heidelberg] 13p. 22½cm. Lpz., F. C. W. Vogel, 1914.

GOTTSCHALK, Hans Joachim, 1904– *Ueber acidotisch und alkalotisch wirkende Mittel [Rostock] 19p. 8° Gollnow, Kreisdr., 1931.

GOTTSCHALK, Hermann Friedrich, 1905– *Ueber die fraktionierte Magenaushebe- rung. 20p. 8° Würzb., C. J. Becker, 1929.

GOTTSCHALK, Margarete, 1910– *Akute Knochenatrophie nach Trauma. 23p. 21cm. Berl., L. Begaeh, 1937.

GOTTSCHALK, Willy, 1908— *Ein Fall von kongenitaler Pneumonie [Münster] 16p. 8°. Quakenbrück, R. Kleinert, 1934.

GOTTSCHALKSON, Heinz, 1909— *Initiale Akroasphyxie bei zwei Fällen von Sklerodermia progressiva. 27p. 21cm. Berl., R. Weinberg, 1937.

GOTTSCHLICH, Charlotte, 1911— *Zur Kenntnis des Geburtsschocks. 28p. 23cm. Halle E. Klinz, 1937.

GOTTSTEIN, Adolf, 1857— Die Lehre von den Epidemien. vii, 201p. 12°. Berl., J. Springer, 1929.

— Allgemeine Epidemiologie der Tuberkulose. 123p. 8°. Berl., J. Springer, 1931.
Forms v.9, Tuberk. Grenzgeb. in Einzeldarst.

— Epidemiologie; Grundbegriffe und Ergebnisse. 285p. ch. 8°. Lpz., F. Deuticke, 1937.

Also editor of *Handbuch der sozialen Hygiene und Gesundheitsfürsorge*, Berl., 6v., 1925-27. Also *Zeitschrift für das gesamte Krankenhauswesen*. Berl., v.22, 1926-32.

For biography see Deut. med. Wschr., 1927, 53: 1870 (Oettinger). Also Klin. Wschr., 1927, 6: 2165-7 (A. Schlossmann).
See also [Autobiography] In Med. Gegenwart (Grote) Lpz., 1925, 4: 53-91, portr.

GOTTSTEIN, Werner, 1885— Beiträge zur klinischen Arbeitsphysiologie im Kindesalter. 92p. 8°. Berl., S. Karger, 1928.

Forms Heft 17, Abh. Kinderh.

GOTTWALD, Günther. *Ein Beitrag zur Diagnose des Blasensprungs. 18p. 8°. Bresl. [n. pub.] 1928.

GOTTWALD, Hans Joachim, 1909— *Zur Frage der spontanen Aortenruptur. p.590-603. 22cm. Bresl., W. G. Korn, 1936.

Also Deut. Arch. klin. Med., 1936-37, 179:

GOTTWALD, Hedwig, 1907— *Behandlung und Schicksal des Erysipels im Säuglings- und Kindesalter [Breslau] 37p. 8°. Liebau, H. Hiltmann, 1934.

GOTTWEISS, Wolfdietrich, 1910— *Untersuchungen über die Gefährdungsmöglichkeit bei langdauernden Narkosen mit Chloräthyl und Bromäthyl. 27p. 8°. Lpz., A. Edelmann, 1935.

GOTZES, Theodor, 1912— *Ueber Gefässnähte [Kiel] 15p. 22cm. Hamb. [P. Evert] 1936.

GOUAIT, Aristide, 1905— *L'antivirus-thérapie appliquée à la prophylaxie et au traitement des cervasses du sein. 38p. 8°. Par., A. Legrand, 1934.

GOUAULT, Charles, 1915— *De l'action réflexogène de la ponction dans les tentatives infructueuses de pneumothorax thérapeutiques. 40p. 24cm. Par., M. Laverne, 1939.

GOUBAUX, Armand, & BARRIER, Gustave. The exterior of the horse; translated and edited by Simon J. J. Harger. 2. ed. xxviii, 916p. 8°. Phila., J. B. Lippincott Co., 1904.

GOUBEAUD, Walter, 1911— *Der Erfolg der Zahnbehandlung bei Mundschleimhauterkrankungen, speziell bei Lupus. 13p. 22cm. Marb., K. Euker, 1936.

GOUBERT, Jacques, 1893— *Contribution à l'étude radiologique des sténoses de l'intestin grêle. 149p. 22 pl. 8°. Par., E. de Boccard, 1928.

GOUDA, S[ayed] *Contribution à l'étude de la synthaline dans le traitement du diabète. 32p. 8°. Genève, J. Guerry, 1927.

GOUDARD, Henri, 1909— *Glutathion et déficience hépatique. 63p. 8°. Par., A. Montourey, 1937.

GOUDE, Henri, 1909— *Novocainisation du sympathique lombaire [Paris] 138p. 8°. Angers, Impr. L'Anjou, 1937.

GOUDE, Jean, 1900— *Contribution à l'étude du rachitisme tardif. 88p. 2 pl. 8°. Par., M. Vigné, 1926.

GOUDET, Henri Pierre, 1840-1927.
P., C. [Nécrologie] Rev. méd. Suisse rom., 1927, 47: 573.

GOUDOT, André, 1911— *L'iliacalgie droite. 60p. 8°. Par., E. Le François, 1937.

GOUDOT, Bernard, 1908— *Contribution à l'étude pharmacologique et clinique de l'acide indol- α -carbonique. 52p. 5 pl. 8°. Par., Jouve & cie, 1933.

GOUDOT, Jean, 1911— *Quelques considérations sur le traitement et le pronostic des toxicomanies (morphinomanie et héroïnomanie) 61p. 8°. Par., E. Le François, 1936.

GOUDSMIT, Samuel [Abraham] 1902—
See Bacher, Robert Fox, & Goudsmi, Samuel. Atomic energy states [&c.] 562p. 8°. N. Y., 1932.

GOUFFIER, Marc, 1910— *Contribution à l'étude de la psittacose. 83p. 24cm. Par., A. Legrand, 1938.

GOUGEROT, Henri, 1881— La dermatologie en clientèle; l'indispensable en dermatologie. 5. éd. xi, 886p. 220 illust. 80 pl. 8°. Par., N. Maloine, 1932.

— Traitement de la syphilis acquise. 70p. 8°. Par., J. B. Baillière, 1935.

— Sporotrichoses. p.485-526. 8°. Par., 1936.

In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par. 1936, 2:

— Lèpre. p.841-921. 8°. Par., 1936.

In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par., 1936, 3:

GOUGEROT-BLUM dermatitis.

See under Dermatitis, lichenoid.

GOUGET, François Henri, 1908— *Contribution à l'étude de certaines réactions d'intolérance aux produits de beauté. 74p. 8°. Par., V. Degrange, 1937.

GOUGET, Roger, 1904— *Etude de quelques nouvelles méthodes d'examen des eaux souterraines (en vue de leur utilisation dans l'alimentation) 78p. 8°. Par., Jouve & cie, 1931.

GOUGH, George Aleck Crocker, 1902-35.
W. T. J. M. Obituary. Biochem. J., Lond., 1936, 30: 743.

GOUIN, André Yves, 1912— *De la constatation de la tumeur d'invagination dans le diagnostic des invaginations intestinales. 71p. 25½cm. Par., L. Arnette, 1939.

GOUIN, J[ean] 1884— Dermatologie topographique de la région anale. p.279-316. 8°. Par., 1936.

In Nouv. prat. derm. (Darier, Sabouraud, et al.) Par., 1936, 8:

GOUIN, Paul, 1888— *Contribution à l'étude médico-légale des dystocias dans les bassins viciés par fracture. 134p. 8°. Par., R. Glélot, 1936.

GOURIC, Raoul, 1903— *Contribution à l'étude de l'intoxication par le pétrole; le pétrole en ingestion au cours des tentatives de suicide ou des accidents thérapeutiques; son élimination possible en nature par les urines (pétrolurie) 52p. 8°. Par., Libr. M. Lac, 1929.

GOUITAA, Roger, 1906— *La symétrie dans les tuberculoses pulmonaires chroniques bilatérales. 83p. 8°. Par., Vigot frères, 1938.

GOUJARD, Pierre, 1907— *Contribution à l'étude du pneumothorax spontané chez le

nourrisson. 46p. 2 pl. 8° Par., Jouve & cie, 1934.

GOUJON, Jean, 1912— *Essai sur la pharmacologie et l'emploi thérapeutique des sels de strontium en particulier de l'iodure. 74p. 8° Lyon, Bosc frères, 1935.

GOULARD, Pierre, 1898— *Les kystes de la prostate. 68p. 8° Par., Ollier-Henry, 1926.

GOULAY, Armand, 1868— *Le vétérinaire arbitre-expert près le Tribunal de commerce de la Seine [Alfort] 61p. 8° Par. [n. pub.] 1925.

GOULD, Adrian Gordon, 1892— See Smiley, Dean Franklin, & Gould, A. G. Community hygiene. 350p. 8° N. Y., 1929. Also 2. ed. 369p. 1935. — A college textbook of hygiene. 2. ed. 383p. 8° N. Y., 1934. Also 3. ed. 539p. 1940. — & Melby, Elizabeth. The principles and practice of hygiene. 415p. 8° N. Y., 1930.

— & **DYE, Joseph Alma**. Exercise and its physiology. xi, 434p. 8° N. Y., A. S. Barnes & Co., 1932.

GOULD, Sir Alfred Pearce, 1852-1922. Elements of surgical diagnosis. 6. ed. rev. by Eric P. Gould. xiv, 379p. 20 pl. 12° Lond., Cassell & Co., 1923. Also 7. ed. xv, 730p. 12 pl. 1928.

GOULD, Augustus Addison, 1805-66. Descriptions of shells from the Gulf of California and the Pacific Coast of Mexico and California. 35p. 8° [n. p., 1856?]

GOULD, Eric [Lush] Pearce, 1886-1940. See Gould, Alfred Pearce. Elements of surgical diagnosis. 6. ed. 379p. 16° Lond., 1923. Also 7. ed. 730p. 1928.

For biography see Brit. M. J., 1940, 2: 208, portr. Also Lancet, Lond., 1940, 2: 181, portr. Also Med. Press & Circ., Lond., 1940, 204: 119.

GOULD, George Milbry, 1848-1922. An illustrated dictionary of medicine, biology, and allied sciences. 6. ed. xvi, 1633p. illust. roy. 8° Phila., P. Blakiston's Son & Co., 1910.

— Gould's medical dictionary, containing all the words and phrases generally used in medicine and the allied sciences, edit. by R. J. E. Scott. xi, 1398p. roy. 8° Phila., P. Blakiston's Son & Co. [1926] Also 2. ed., rev. and enl. 2 p. l. xvi, 1522p. illust. 170 tab. [1928] Also 3. ed., ed. by R. J. E. Scott. xvi, 1538p. [1931] Also 4. ed., by R. J. E. Scott and C. V. Brownlow. xviii, 1538p. illust. ports. tab. ch. 1935.

— Pocket medical dictionary; giving the pronunciation and definition of the principal words used in medicine and the collateral sciences. 9. ed. rev. 515 l. 16° Phila., P. Blakiston's Son & Co., 1928. Also 10. ed. [1042]p. tab. [1934] Also 11. ed. rev. by C. V. Brownlow. vi [1052]p. [1939]

For portrait photograph see collection in library.

[GOULD, Robert] Love given over; or, Satyr against woman. p.1-12. 17½cm. London, H. Hills, 1710.

— Sylvia's revenge; or, Satyr against man. p.13-24. 17½cm. London, 1710.

In his Love given over [&c.] Lond., 1710.

GOULD, V. W. Foot health; a treatise upon the care and treatment of the human foot. 32p. 8° DeLand, Fla., Foot Health Co. [1933]

GOULD, Walter B., 1892— An abridgment of pulmonary tuberculosis. 3 l. iv, 186p. 8° Buckeye, Ariz., Paulson Print. [1935]

GOULDEN, Charles [Bernard] Refraction of the eye, including elementary physiological optics. xii, 276p. 8° Lond., J. & A. Churchill, 1925. Also 2. ed. xv, 271p. illust. 1938.

GOULENE, Fernand, 1910— *Contribution à l'étude des syphilis arséno-résistantes;

étude clinique et essai pathogénique. 152p. 25cm. Par., L. Arnette, 1937.

GOULET, André, 1903— *Contribution à l'étude de la thérapeutique des tachycardies paroxystiques. 62p. ch. 8° Par., A. Legrand, 1929.

GOULET, Moïse, 1907— *Contribution à l'étude des myosites staphylococcémiques. 61p. 8° Par., M. Vigné, 1935.

GOULLEY, René, 1902— *De l'organisation de l'inspection médicale des écoles au Havre. 66p. 8° Par., Jouve & cie, 1928.

GOULLIEUX, Michel, 1912— *Contribution à l'étude de l'éclampsie et des états prééclampsiques; leur traitement par le venin de cobra [Paris] 64p. 8° Amiens, Impr. Nouvelle, 1938.

GOUMAIN, Jean Marie André, 1910— *Etude critique des voies d'accès sur la première côte isolée en rapport avec les variations morphologiques et topographiques individuelles de cet os. 92p. 25cm. Bord., Bière, 1938.

GOUMOT, Henri, 1913— *Contribution à l'étude de l'hypertrophie mammaire de la puberté. 66p. 8° Par., Vigot frères, 1938.

GOUMY, Georges, 1904— *L'acuité visuelle aux basses lumières à l'état normal et pathologique. 99p. 8° Par., M. Vigné, 1930.

GOUNDOU [Anakhré]

See also Framboesia.

Balfour, A. A condition resembling Goundou in a pony. Tr. R. Soc. Trop. M. Hyg., Lond., 1928, 22: 295.—**Chesterman, C. C.** The relation of yaws and goundou. Ibid., 1926-27, 20: 554.—**Gautron, M.** Le goundou. Presse méd., 1931, 39: 1208.—**Genevoix, E.** Un curieux cas de goundou. Aesculape, Par., 1933, 23: 310.—**González, J. de J.** Segundo caso observado en México de la enfermedad exótica denominada anakhré o goundou. Rev. cubana oft., 1922, 4: 73-6.—**Herivaux.** Présentation de malades. Bull. Soc. path. exot., Par., 1930, 23: 867.—**Ihlenfeldt, G.** Ueber einen Fall von Gundo. Arch. Schiffs Tropenhyg., 1938, 42: 74.—**Le Gac, P., Esplan, G., & Moustardier, G.** A propos du goundou. Bull. Soc. path. exot., Par., 1937, 30: 287-94.—**McNaughton, J. G.** The relation of goundou and yaws. Tr. R. Soc. Trop. M. Hyg., Lond., 1926-27, 20: 123; 310.—**Mangabeira Albernaz, P.** Contribuição ao estudo do Gundo o Gundo no Brasil. Brasil med., 1929, 43: pt 2, 1040-9.—**Marinho Filho, R.** Contribuição ao estudo do gundú. Acta med., Rio, 1940, 6: 230-6.—**Massaglia, A.** Goundou in a monkey; report of a case. Arch. Path., Chic., 1926, 1: 361-4. Also repr.—**Montestruc, E.** Un cas de goundou à la Martinique. Bull. Soc. path. exot., Par., 1934, 27: 770.—**Mouquet, A.** Ostéite hypertrophique rappelant le goundou chez un Cerocebus aethiops vivant. Ibid., 1929, 22: 918-22. — Présentation d'un squelette de cerocébe atteint de Goundou des Singes. Ibid., 1930, 23: 478.—**Pasqual, J. H.** Goundou and Yaws. Tr. R. Soc. Trop. M. Hyg., Lond., 1928, 22: 59.—**Roy, J. N.** A propos de l'étiologie du goundou. Ann. otolar., Par., 1932, 1204-9. Also Rev. méd. hyg. trop., Par., 1932, 24: 169.—**Secques, F.** Un cas diagnostiqué goundou chez le gorille. Ibid., 1929, 21: 50-3.—**Sharpe, W. S.** Notes on a case apparently identical with goundou occurring in London. Tr. R. Soc. Trop. M. Hyg., Lond., 1928-29, 22: 293. — A case of goundou. Proc. R. Soc. M., Lond., 1928-29, 22: Sect. Clin., 7.—**Souza Mendes.** Um caso de Gundo. Brasil med., 1925, 39: No. 25, 301.—**Stannus, H. S.** A case of a European woman showing goundou-like condition. Tr. R. Soc. Trop. M. Hyg., Lond., 1930-31, 24: 374.—**Tamari, M.** Gunduähnlicher Fall mit Schwindelanfällen. Mschr. Ohrenh., 1935, 69: 1256. — Gunduähnlicher Fall mit postoperativen Schwindelanfällen. Ibid., 1938, 72: 27.—**Ziemann, H.** Beitrag zur Gundu-Frage bei Affen und Menschen. In Arb. Tropenkr. (Festschr. B. Nocht) Hamb., 1927, 618-27, pl.

GOUPIL, P. Tableaux synoptiques pour l'analyse chimique de l'eau et l'examen microscopique. 2. éd. 70p. illust. 12° Par., J. B. Baillière, 1911.

GOUPILLE, L. Voley Pierre, 1900— *Les pansements à la lumière sous cellophane dans les plaies torpides. 70p. 8° Par., A. Legrand, 1926.

GOUPY, François, 1912— *La lipomatose type Roch; à propos de 6 observations. 104p. 24½cm. Par., A. Legrand, 1940.

GOURAND, Pol, 1910— *Contribution à l'étude de l'action de l'eau de Saint-Aré (Decize)

sur les états vésiculaires douloureux. 51p. 8°. Par., G. Jeanbin, 1934.

GOURAUD, Alexis, 1899— *Traitement de la syphilis par une nouvelle préparation bis-muthique, iodure double de quinine et de bis-muth solubilisé (avantages d'une traitement mixte) 108p. 8°. Par., A. Legrand, 1925.

GOURAUD, Michel, 1912— *De la contagiosité du rhumatisme articulaire aigu. 67p. 25½cm. Par., L. Arnette, 1939.

GOURAY, Hippolyte Arthur, 1898— *Etude des applications médicamenteuses du lait. 46p. 8°. Par., L. Arnette, 1931.

GOURCON, Louis, 1905— *Fonctionnement de la Maternité de l'hôpital Boucaut pendant l'année 1929. 90p. 8°. Par., N. Maloine, 1931.

GOURDET, André, 1907— *La crise douloureuse hépato-biliaire; sa signification et ses rapports avec la cholécystite. 154p. 8°. Par., A. Legrand, 1935.

GOURDET, Donatien Anne Marie, 1912— *Contribution à l'étude de l'inversion utérine aiguë après avortement. 58p. 25cm. Par., L. Arnette, 1939.

GOURDIN, Henri Emile, 1887— *Contribution à l'étude du lymphosarcome médiastinal. 63p. 8°. Par., A. Legrand, 1926.

GOURDON, Louis Joseph Paul, 1906— *Contribution à l'étude des kystes hydatiques du poumon. 68p. 6 pl. 8°. Bord., Delmas, 1937.

GOURDON, Pierre Charles, 1898— *Etude critique sur l'indice de la puissance de la ventilation pulmonaire chez l'enfant. 37p. 8°. Par., Libr. L. Arnette, 1926.

GOURDON, René, 1902— *Contribution à l'étude clinique des scolioses du nourrisson. 77p. 8°. Par., A. Legrand, 1929.

GOUREVITCH, F., 1907— *L'organisation de la lutte antituberculeuse en Russie Soviétique. 48p. 8°. Lyon, L. Sézanne, 1935.

GOURFEIN, David Elie, 1857-1940. A. Nécrologie. Rev. méd. Suisse rom., 1940, 60: 838.

GOURGOUNON, Yvon, 1913— *Blocage des hémorragies utérines fonctionnelles par la mitosine sérique. 111p. 25cm. Par., Vigot frères, 1938.

GOURLEY, George F., 1879-1938. Obituary. Tr. Am. Acad. Ophth. Otol., 1938, 423.

GOURME COITALE.

See Horse, Disease.

GOURMONT, Remy de. The natural philosophy of love; transl. by Ezra Pound. ix, 222p. 8°. N. Y., Boni & Liveright [1922]

GOURNAY, Jean Joseph, 1896— *Etudes expérimentales sur la diurèse: la polyurie infundibulaire. 94p. 2 pl. 8°. Par., A. Legrand, 1925.

GOURTAY, Jean Alfred Marie, 1913— *Considérations sur les résultats de la résection endoscopique de la prostate. 39p. 25cm. Bord., J. Bière, 1937.

GOURTCHENKO, Zénaïde, 1913— *La pomme crue et les pectines dans les diarrhées infantiles. 65p. 24½cm. Par., L. Rodstein, 1939.

GOUSSE, Pierre, 1912— *Enquête sur l'état actuel de la chrysothérapie dans la tuberculose pulmonaire. 193p. 25cm. Lyon, M. & L. Riou, 1939.

GOUSSEINBEKOFF, Zeinal Abdinbek, 1900— *Contribution à l'étude de la surrénalité

syphilitique. 46p. 8°. Par., Libr. M. Vigné, 1927.

GOUSSET, Roger, 1914— *Contribution à l'étude des accidents nerveux consécutifs aux insufflations du pneumothorax thérapeutique. 42p. 24cm. Par., Le François, 1939.

GOUT.

See also Metabolism, Disorders; Purin, Metabolism; Uric acid.

BRUGSCH, T. Die Gicht. p.149-238. 8°. Berl., 1919.

In Spec. Path. Ther. inn. Krankh. (F. Kraus & T. Brugsch) Berl., 1919, 1:

CRITZMAN, D. La goutte; son mécanisme et son traitement. 240p. 12°. Par., 1931.

GERBERGAS, Z. *Contribution à l'étude de la goutte; des cas de goutte traités à l'Hôpital de Genève dans ces 34 dernières années. 27p. 8°. Genève, 1934.

Aliborch y Bono, J. Manifestaciones morbosas de la diátesis uricémica; gota. Siglo méd., 1925, 75: 504.—**Bernhardt, H.** Die Gicht, die heutige Anschauung über ihr Wesen, ihre Entstehung und ihre Behandlung. Med. Welt, 1939, 13: 1527-31.—**Bowers, J. M.** Gout. Northwest M., 1938, 37: 284-8.—**Brester, A.** [Gout] Ned. tschr. geneesk., 1935, 79: 1212-8.—**Buckley, C. W.** Gout. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 6: 37-52, pl.—**Cardini, M.** La gotta nei consulti di Francesco Redi. Morgagni, 1935, 77: 196.—**Castellino, P.** La gotta. Fol. med., Nap., 1932, 18: 211-38.—**Cecconi, A.** Le malattie del ricambio; la gotta. Minerva med., Tor., 1928, 8: 564; 635; 703.—**Cohen, A.** Gout. Am. J. M. Sc., 1936, 192: 488-93. Also South. M. & S., 1936, 98: 637-42.—**Comroe, B. I.** Gout. In his Arthritis, Phila., 1940, 490-507.—**Faber, E.** [General considerations on gout] Ugeskr. læger, 1927, 89: 203-9.—**Finck, C. J.** De la goutte. Bruxelles méd., 1936-37, 17: 1176-84.—**Gibson, H. J., & Kersley, G. D.** Gout. Med. Press & Circ., Lond., 1938, 196: 353-61.—**Gout, J.** Am. M. Ass., 1939, 113: 1892.—**Graham, G.** Gout. Postgrad. M. J. Lond., 1937, 13: 321-3.—**Grimaud de Caux, G.** De la goutte. Gaz. san., Par., 1833, 1: 64-75.—**Hill, L. C.** Gout. Lancet, Lond., 1938, 1: 826-31.—**Ide, M.** La goutte. Rev. méd., Louvain, 1932, 350-2.—**Kersley, G. D.** Gout. Clin. J. Lond., 1936, 65: 367-71. Also Brit. J. Rheumat., 1939, 2: 20-6.—**Klemm, S.** Die Gicht. Mitt. Biochem., 1940, 47: 25; 38.—**Langdon-Brown, W.** Gout. Med. Press & Circ., Lond., 1938, 196: 331-4.—**Lichtwitz, L.** Gicht. Schweiz. med. Wschr., 1934, 64: 261-4. Also Bull. N. York Acad. M., 1934, 2, ser., 10: 306-19.—**Lockie, M.** Gout. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 879-94.—**Martini, P.** Gicht. Münch. med. Wschr., 1935, 82: 1860-5.—**Nishnevich, M. J.** [Gout] Feldsher, Moskva, 1938, 4-11.—**Sauerwald, H.** Etwas über Gicht und Verwandtes. Deut. med. Wschr., 1935, 61: 1921.—**Sherwood, K. K.** Observations upon gout. West. J. Surg., 1938, 46: 596-9.—**Sodeman, W. A.** Gout. Am. J. M. Sc., 1941, 201: 125-36.—**Thompson, H. C.** Gout. North Carolina M. J., 1940, 1: 379-82.—**Umber, F.** Stoffwechselkrankheiten; die Gicht. Münch. med. Wschr., 1924, 71: 1758; 1822.—**Volini, I. F., & O'Brien, G. F.** Gout. Med. Clin. N. America, 1935, 18: 1355-66.—**Weil, M. P., Polak, C., & Bonduelle, M.** Faits cliniques. Rev. rhumat., Par., 1939, 6: 291-303.

Allergy.

Aliotta, N. La gotta allergica. Rinasc. med., 1939, 16: 18.—**Chini, V.** Ricerche sperimentali sulla genesi allergica dell'artrite gotosa. Boll. Accad. med. Roma, 1932, 58: 27-31. — Goutte et allergie. Acta rheumat., Rotterdam, 1936, 8: H. 30, 17-22. Also Rev. rhumat., Par., 1936, 3: 831. — Goutta e allergia (dati sperimentali relativi all'azione dell'acido urico nei suoi rapporti con fenomeni allergici e con la patologia articolare) Policlinico, 1937, 44: sez. prat., 618-28.—**Coste, F., & Grigault, A.** Goutte-allergie-uricémie. Presse méd., 1935, 43: 1724-6.—**Gudzent, F.** Nahrungseiweiss und allergische Krankheiten, insbesondere Gicht und Rheumatismus. Deut. med. Wschr., 1937, 63: 586-9. — Spezifische Eiweissallergie als Ursache von Gicht und Rheumatismus. Med. Klin., Berl., 1937, 33: 395-8.—**Klinge, F., & Rodriguez, H.** Experimentelle Untersuchungen zur Frage: Gicht und Allergie; durch Urate lokalisierte allergische Arthritis. Beitr. path. Anat., 1939, 103: 350-78.—**Maccari, F.** Alcune osservazioni sui rapporti fra acido urico e allergia. Atti Accad. fisiocr. Siena, 1930-31, 10. ser., 5: 295-305.—**McKay, W. J. S.** Allergy-gout. Med. Press & Circ., Lond., 1939, 201: 528; 546; 570.—**Pasteur Vallery-Radot & Mauric, G.** Troubles anaphylactiques chez les goutteux. Bruxelles méd., 1934-35, 15: 1445-7. — Goutte et allergie. Presse therm. clim., 1935, 76: 737. — L'accès aigu de goutte est-il l'expression d'une crise anaphylactique? Rev. immun., Par., 1936, 2: 541-50.—**Rondoni, P.** Sui rapporti dell'acido urico con l'allergia. Boll. Soc. ital. biol. spr., 1930, 5: 216-21.—**Scalas, L., & Toppe, I.** La diatesi precipitante e l'intradermoreazione alla colestera nel l'artrismo. Studium, Nap., 1929, 19: 200-5.

Arthritis.

See also Arthritis.

Brosigster, A. M. Histopathologie der Gelenkgicht. Deut. Arch. klin. Med., 1926, 153: 257; 154: 1, 14 pl.—**Chini, V.** Influenza dell'acido urico sulle reazioni flogistiche articolari e importanza del territorio reticolo-istocitario sinoviale nella patologia delle articolazioni. Sperimentale, 1931, 85: 53-73.—**Cohen, A.** Gout among arthritics. Pennsylvania M. J., 1937-38, 41: 1100-4.—**Darricau, P.** La galvano-fangothérapie dans le traitement des ostéo-arthritides goutteuses. J. radiol. électr., 1932, 16: 119.—**Buche, A.** Triade arthritique grave ignorée. J. méd. Paris, 1924, 43: 1009.—**Ewertsen, H., & Meulengracht, E.** [Arthritis urica attacks and increased uric acid excretion in patients with hematemesis and melæna] Ugeskr. læger, 1940, 102: 1157-64.—**Gaté, J.** Les formes cliniques de la goutte articulaire. Prat. méd. fr., 1926, 5: 339-59.—**Goldfain, E.** Gout, metabolic arthritis. J. Oklahoma M. Ass., 1940, 33: No. 2, 3-5.—**Grau, E.** Einiges über die Differentialdiagnose der Gicht (Arthritis urica). Wien. med. Wschr., 1927, 77: 347.—**Harbinson, J. E.** Arthritic joint pains and gout. California West. M., 27: 352-4.—**Kahlmeter, G.** Das Verhalten der Fährwischen Senkungsreaktion bei Arthritis urica. Acta med. scand., 1928, H. 26, Suppl., 124-39.—**Kollert, V.** Gicht und Arthritis. Wien. med. Wschr., 1926, 76: 961-3.—**Lang, F. J.** Gelenkgicht (Arthritis urica) In Handb. spez. path. Anat. Histol. (Lubarsch, O., & Henke, F.) Berl., 1937, 9: 3, T., 309-41.—**Lockie, L. M.** A discussion of a therapeutic test and a provocative test in gouty arthritis. Ann. Int. M., 1939-40, 13: 755-60.—**Ludwig, A. O., Bennett, G. A., & Bauer, W.** A rare manifestation of gout; widespread ankylosis simulating rheumatoid arthritis. Ibid., 1937-38, 11: 1248-76. Also in J. H. Pratt Anniv. Vol., 1937, 576-604.—**Mauvoisin, F.** Radiodiagnostic de manifestations ostéo-articulaires de la goutte. J. méd. Paris, 1934, 54: 86.—**Pascault, L.** Le bloc arthritique; sa pathogénie et son traitement, d'après J. Sédillot. Clinique, Par., 1931, 26: 80-2.—**Ramond, L.** Sur 3 cas de goutte articulaire. Presse méd., 1940, 48: 459.—**Rentschler, E. B.** Gouty arthritis; the importance of periodicity with complete remissions as an aid in early diagnosis. Med. Clin. N. America, 1927-28, 11: 1627-42.—**Scott, R. L.** Gouty arthritis. Bull. Guthrie Clin., 1936, 6: 107-14.—**Tabarelli, G.** Un caso di artrite urica guarito in seguito alla cura antiribica. Arch. ital. sc. med. col., 1927, 8: 712-4.—**Thannhauser, S. J.** Ueber die Arthritis urica. Klin. Wschr., 1929, 8: 25-9.—**Vielle, P. L.** Evolution de la goutte articulaire au cours d'une maladie goutteuse non soignée. Rev. rhumat., Par., 1935, 2: 324-40.

Attack.

Darricau, P. Traitement de la crise aiguë de goutte par les agents physiques. Presse therm. clim., 1935, 76: 746. Also J. méd. Paris, 1936, 56: 611. Also Rev. rhumat., Par., 1936, 3: 599-605.—**Forestier, J.** Traitement de l'accès de goutte aiguë. Hôpital, 1926, 14: 379-82.—**Freund, E.** The diagnosis of an acute attack of gout. Ars medici, Wien, 1930, 8: 3-5.—**Gennes, L. de.** Etudes cliniques et anatomiques sur la goutte; formes cliniques de la goutte aiguë. Progr. méd., Par., 1935, 1613. Also Presse therm. clim., 1935, 76: 718.—**Günzburger, M.** Beitrag zur Aetiologie des akuten Gichtanfalls. Med. Klin., Berl., 1935, 31: 419.—**Hench, P. S., & Darnall, C. M.** A clinic on acute, old-fashioned gout; with special reference to its inciting factors. Med. Clin. N. America, 1933, 16: 1371-93.—**Jourda, L. M.** Blood dilution in the pathology and treatment of attacks of gout. Internat. Clin., 1926, 36, ser. 1: 44-51.—**Loeper, M.** Traitement de l'attaque de goutte. Progr. méd., Par., 1929, 44: 1867-73.—**Mathieu & Collession.** Réactions oscillométriques des membres et crise de goutte articulaire. Rev. méd. est., 1935, 63: 214-21.—**Mauriac, P.** La crise de goutte. Rev. gén. clin. théor., 1937, 51: 737-41.—**Rosenblath.** Eine Krankengeschichte über einen ungewöhnlichen Gichtanfall. Deut. Arch. klin. Med., 1928, 161: 111-23.—**Schmidt, L., & Wohlstein, E.** Unausgeheilte Formen von Gichtattacken. Münch. med. Wschr., 1931, 78: 574.—**Winter, W. H. T.** An attack of gout. Practitioner, Lond., 1927, 119: 185-90.

atypical.

See also Gout, irregular.

HAMEL, P. *Contribution à l'étude de la goutte aiguë; étude clinique des formes atypiques. 59p. 24cm. Par., 1939.

Abrams, N. R. An unusual case of gout; case report. J. Med., Cinin., 1939-40, 20: 494.—**Fabrizio, A.** Un caso di gotta atipica con ipertensione arteriale. Rinasc. med., 1930, 7: 83.—**Gennes, L. de.** Les formes atypiques de la goutte aiguë. J. méd. chir., Par., 1938, 109: 225-35.—**Goldscheider.** Ueber die atypische Gicht. Deut. med. Wschr., 1927, 53: 1669-72.—**Halsted, J. A.** Gout; report of an unusual case in a woman. N. England J. M., 1938, 218: 723-7.—**Morhardt, P. E.** La goutte atypique. Vie méd., 1929, 10: 544-6.—**Rynearson, E. H.** An unusual case of gout. Proc. Mayo Clin., 1928, 3: 265.

Blood, and body fluids.

See also Gout, Metabolism.

Coste, F., & Grigaut, A. Le sang des goutteux. Presse therm. clim., 1935, 76: 737.—**Finck, C. J.** Chimie du sang dans

la goutte. Paris méd., 1933, 87: 270-4.—**Guillaumin, C. O.** Examen du sang et de l'urine chez les goutteux. Presse therm. clin., 1935, 76: 738.—**Janssen, E.** Recherches sur la composition de la sueur d'un goutteux. Presse méd. belge, 1865-66, 18: 41-3.—**Merklen, R., & Gerbay, F.** Recherches simultanées de la vitesse de sédimentation et de l'acide urique plasmatique chez les goutteux et chez les rhumatisants chroniques. Rev. rhumat., Par., 1936, 3: 275-300.—**Terray.** Le côté chimique de la goutte. Acta rheumat., Rotterdam, 1939, 11: No. 43, 2-4.—**Weissenbach, R. J., & Françon, F.** Essai critique sur le syndrome humoral du rhumatisme goutteux. Nutrition, Par., 1932, 2: 217-42.

calcic.

See also Calcinosis.

ELBERFELD, B. *Ueber Kalkgicht der Hände. 20p. 8°. [Berl.] 1937.

GERHARDS, F. *Ueber Kalkgicht in Anlehnung an einen neuen Fall [Marburg] 36p. 8°. Wall-dorf-Heideld., 1931.

JACOBSON, A. *Ueber Kalkgicht an Hand von 3 Beobachtungen. 35p. 8°. Zür., 1934.

STAUB, V. *Untersuchungen über Kalkgicht. p.67-84. 8°. Zür., 1927.

Also in Beitr. path. Anat., 1927, 78:

Assen, J. van [Case of calcium gout] Ned. tscr. genesck., 1934, 78: 1902-3, pl.—**Bertellotti, L.** Sopra un caso di gotta calcica. Arch. ital. anat. pat., 1936, 7: scritti, 401-12.—**Bignami, G.** Sopra un caso raro di così detta gotta calcica. Boll. Soc. med. chir., Pavia, 1925, 38: 229-72, 3 pl.—**Borak, J.** Röntgentherapeutischer Erfolg in einem Falle von sogenannter Kalkgicht. Wien. med. Wschr., 1934, 84: 1012.—**Creyx, M., & Ringenbach, G.** Goutte urico-calcique et parathyroïdectomie. J. méd. Bordeaux, 1937, 114: 5-16.—**Elenevsky, K. F., Musychenko, P. I., & Reznitskaia, E. Y.** [Calcium gout] Ortop. travmat., 1933, 7: 37-46, 8 pl.—**Erb, K.** Zur Klinik und Aetiologie der Kalkgicht. Deut. Zschr. Chir., 1931, 230: 316-24.—**Falta, W., & Wachner, G.** Ein ungewöhnlicher Fall von Kalkgicht. Wien. klin. Wschr., 1940, 53: 492.—**Fine Licht, E. de** [Case of so-called calcium gout] Ugeskr. læger, 1928, 90: 1158.—**Fock, H.** [Case of calcium deposits under skin in so-called calcium gout] Fin. läk. säll. hand., 1927, 69: 12-23.—**Greyx, M., & Ringenbach, G.** Goutte urico-calcique et parathyroïdectomie. C. rend. Congr. fr. méd. (1936) 1937, 24, sess., 68-71.—**Haas, L.** Röntgenologisch festgestellte Kalkablagerungen bei gichtartigen klinischen Symptomen. Fortsch. Röntgenstrahl., 1926, 35: 630-2.—**Hartstark, H.** [Case of gout due to calcium deposits] Ned. tscr. genesck., 1930, 74: pt. 2, 1227-30, pl.—**Henrichsen, A.** Beitrag zur Diagnose der Kalkgicht. Röntgenpraxis, 1929, 1: 845-9.—**Jeanneney, G., Creyx, M., & Ringenbach, G.** Goutte urico-calcique; parathyroïdectomie. Mém. Acad. chir., Par., 1937, 63: 371-85.—**Krauss, F.** Ueber Kalkgicht. Zbl. inn. Med., 1932, 53: 1026-9.—**Lewy, B.** Ein Fall von Kalkgicht. Med. Klin., Berl., 1930, 26: 964-6. Also Verh. Berl. med. Ges. (1930) 1931, 61: pt. 2, 76-81.—**Löffler, W.** Gicht, Kalkgicht, Alkaptonurie. Schweiz. med. Wschr., 1933, 63: 1188-93.—**Loeper, M., & Vielle, P. L.** Existe-t-il une goutte calcique? Rev. rhumat., Par., 1935, 2: 289-302.—**Luthman, A.** [Calcium gout; case report] Sven. läk. tidn., 1936, 33: 161-6.—**Müller, H.** Ueber Mediaverkalkung und Kalkgicht. Klin. Wschr., 1926, 5: 1703-6.—**Myhrman, G., Maunsbach, A., & Lalin, T.** [Case of so-called calcium gout] Hygiea, Stockh., 1938, 100: 636-42.—**Nylander, P. E. A.** Ueber die Kalkgicht. Arb. Path. Inst. Helsingfors, 1927-28, n. F., 5: 381-400.—**Rosenberg, E. F.** Chalk gout; a report of 2 cases with a brief summary of some previously reported studies on calcinosis. J. Am. M. Ass., 1940, 115: 1791-4.—**Storozheva, M. G., & Klushina, T. I.** [Calcic gout] Vest. vener., 1938, No. 3, 75-80.—**Strandell, B.** [On calcium gout] Sven. läk. tidn., 1933, 30: [Sven. fören. inv. med. förh.] 9-15.—**Hesselman, B. H.** [Case of calcic gout] Hygiea, Stockh., 1932, 94: 686-94, 2 pl.—**Strauss, H.** Ueber Knochengicht. Deut. med. Wschr., 1931, 57: 1008-10.

Cardiovascular system.

Agnoli, R., & De Marchi, G. Alterazioni elettrocardiografiche sperimentali da acido urico. Boll. Soc. ital. biol. sper., 1938, 13: 823.—**Bunim, J. J., & McEwen, C.** Tophus of the mitral valve in gout. Arch. Path., Chic., 1940, 29: 700-4.—**Clemente, G.** Sulla flebite gottoosa; considerazioni anatomiche e patogenetiche. Fol. med., Nap., 1929, 15: 948.—**Donner, E.** Appareil circulatoire et arthritisme. J. méd. fr., 1927, 16: 181-6.—**Insuffisance cardiaque goutteuse d'origine métabolique.** Bull. Soc. méd. hôp. Paris, 1929, 3, ser., 53: 601-7.—**Lhuillier.** Las falsas varices de los artríticos (la colulitis). Rev. méd. esp., 1915, 16: 165-72.—**Lian, C., & Gilbert-Dreyfus.** L'appareil cardio-vasculaire des goutteux. Presse therm. clim., 1935, 76: 722.—**Mathieu, L., Collession, L., & Choltus, R.** Artérite goutteuse. Ann. méd., Par., 1934, 35: 124-37.—**Mathieu, L., Collession, L., & Girard, G.** Manifestations cardiaques des goutteux. Arch. mal. cœur, 1935, 28: 136-53.

Cases, and clinical aspects.

Achard, C. La goutte; étude clinique. In Clin. méd. Hôp. Beauvais, Par., 1925, 2. ser., 77-89.—Cain, E. F. Report of a case of gout. Proc. Mayo Clin., 1931, 6: 1-5.—Coombs, F. S. Clinical gout. Ohio M. J., 1940, 36: 951-4.—Grailly, de. Les formes cliniques de l'arthritisme. J. méd. Bordeaux, 1938, 115: 431-3.—Kinell, J., & Haden, R. L. Gout; a review of 62 cases. Med. Clin. N. America, 1940, 24: 429-41.—Kučera, V., & Vesin, S. [Severe case of gout] Cas. lék. česk., 1939, 78: 1265, 3 pl.—Lineberry, E. D. Gout; 3 case reports. Bull. Norwood Clin., 1939, 3: 15-7.—Rentschler, E. B. Presentation of 4 cases of gout. Proc. Mayo Clin., 1927, 2: 255-7.—Sédillot, J. L'arthritisme, pomme de discorde? Marseille méd., 1928, 65: pt 2, 477-91.—Sofrè, G. Su una speciale sindrome gottosa (gottotossicemia o malattia gottosa) Riforma med., 1926, 42: 1181-3.—Sübbe, W. K. M. [Case of gout] Geneesk. tschr. Ned. Indië, 1935, 75: 1738.—Volini, I. F. Gout: a report of 10 cases for the year 1935. Med. Clin. N. America, 1937, 21: 3-9.—Weissenbach, R. J., & Françon, F. Aspects cliniques, diagnostic positif et traitement du rhumatisme goutteux. J. méd. chir., Par., 1929, 100: 5-22.

Congresses.

Congrès de la goutte et de l'acide urique. Rev. méd., Louvain, 1934, 368. Also Bruxelles méd., 1934-35, 15: 1357-62.—D. H. Compte rendu du Congrès de la goutte et de l'acide urique; Vittel 14, 15, 16 sept 1935. Rev. rhumat., Par., 1935, 2: 660-8.

Diagnosis.

See also subheadings Manifestations; Uric acid, &c.

Albrecht, F. K. Factors in the early diagnosis of gout; with a report of a case in a 20-year-old adult. Hosp. News, Wash., 1940, 7: No. 11, 11-22.—Brøchner-Mortensen, K. Diagnosis of gout. Acta med. scand., 1939, 99: 538-62.—Caranegra. Les épreuves d'Escudero pour le diagnostic de la goutte. Paris méd., 1931, 79: 426.—Desternes & Baudon. Radiodiagnostic de la goutte. Arch. électr. méd., 1914, 24: 420-7.—Dillenseger, R., & Audouy, F. Goutte et rhumatisme goutteux; étude radiologique. J. radiol. électr., 1930, 14: 449-56.—Escudero, P., & Escudero, A. Diagnóstico biológico de la gota. Sem. méd., B. Air., 1930, 37: pt 2, 1945-54. Also Tr. Clin. Escudero, B. Air., 1930, 4: 180-209.—Gilbert, A., Chabrol, E., & Bénard, H. Un cas de xanthome familial de forme pseudogoutteux. Bull. Soc. méd. hôp. Paris, 1926, 3. ser., 50: 1067-72.—Hench, P. S. The diagnosis of gout and gouty arthritis. J. Lab. Clin. M., 1936, 22: 48-55. Also J. Am. M. Ass., 1936, 107: 533. Also Proc. Mayo Clin., 1936, 11, 30: 476-80.—Vanzant, F. R., & Nomland, R. Basis for the early differential diagnosis of gout; a clinical comparison of 100 cases each of gout, rheumatic fever and infectious arthritis. Tr. Ass. Am. Physicians, 1928, 43: 217-29.—Hoge, A. H. The diagnosis of acute and chronic gout. West Virginia M. J., 1929, 25: 461-3.—Ide, M. La goutte méconnue. Rev. méd., Louvain, 1927, 203-7.—Matthews, M. W. The diagnosis of gout. N. Orleans M. & S. J., 1939-40, 92: 624-30.—Merklen, R., & Robert, P. Quelques clichés radiographiques dans un cas de goutte chronique. J. radiol. électr., 1934, 18: 85.—Monnerot-Dumaine, M. Goutte ou paludisme? Rev. méd. hyg. trop., Par., 1934, 26: 92-5.—Monroe, R. T. The detection of gout. Med. Clin. N. America, 1935, 18: 999-1012.—Pacetti, A. Immagini radiografiche di alterazioni osteoarticolari della gota. Radiol. med., Milano, 1926, 13: 1-5. Povološkaia, G. M. [Functional diagnosis of gout] Klin. med., Moskva, 1938, 16: 1736-41. Radianska med., 1938, 3: No. 2, 48-55.—Rutledge, D. L., & Bedard, R. E. Criteria for the diagnosis of presumptive (prethopaceous) gout; management of an illustrative case. Proc. Mayo Clin., 1937, 12: 149-56.—Schnizer. Dienstentschädigung für Gicht abgelehnt. Med. Klin., Berl., 1928, 24: 460.—Swart, H. A. Basis for diagnosis of gout and presumptive gout; report of a case of gout. Proc. Mayo Clin., 1929, 4: 353-6.—Tomita, W. Studies on the demonstration of uric acid in tissues. Tr. Jap. Path. Soc., 1928, 18: 263.—Vanzant, F. R. Basis for the early differential diagnosis of gout; a clinical comparison of 100 cases each of rheumatic fever, infectious arthritis and gout. Proc. Mayo Clin., 1928, 3: 216-20.

Diathesis.

HAIG, A. Uric acid as a factor in the causation of disease. 5. ed. 846p. 8° Lond., 1900.

MILES, E., & COLLINGS, C. H. The uric acid fetish (exposure of a popular theory) 266p. 8° [Lond.?] [19-]

Berberich, J. Untersuchungen über den Blutharnsäurestoffwechsel und seine Beziehungen zu verschiedenen Ohrerkrankungen. Arch. Ohr. &c. Heilk., 1926, 115: 155-72.—Blum, V. Die harnsaure Diathese und ihre Behandlung. Wien. klin. Wschr., 1937, 50: 1184-6.—Clerici, A. Nuovi dati sull'artrismo. Gazz. osp., 1927, 48: 889-91.—Drechslerová, K. [Uric diathesis] Bratisl. lek. listy, 1935, 15: 36-41.—Finck, C. J. La goutte larvée. Schweiz. med. Wschr., 1936, 66: 660-3.—Fitch, W. E. Gout and the gouty diathesis. Med. J. & Rec., 1929, 129: 187-91.—Goldstein, V. M., & Domontovich, E. N. [Value of the dynamic method of examination in

diagnosis of uric acid diathesis] Vrach. gaz., 1930, 34: 917-23. Also Zschr. ges. exp. Med., 1930, 74: 118-56.—Grotel, D. M. Beiträge zur Konstitutionsforschung; Urikämie und Konstitution. Zschr. klin. Med., 1927, 105: 217-27.—Izar, G. La diatesi arttrica. Riforma med., 1931, 47: 1215-8.—Klaf, L. L. Zur Pathogenese und funktionellen Diagnostik der harnsauren Diathese (Purinstoffwechsel bei endokrinen Störungen) Zschr. ges. exp. Med., 1929-30, 69: 763-80.—Kogan-Yassnyi, V. M. [Pathogenesis, functional diagnosis and therapy of uric acid diathesis in general and gout in particular] Klin. med., Moskva, 1929, 7: 1699-709.—Lucke, H. Beiträge zur Physiologie und Pathologie des menschlichen Harnsäurestoffwechsels; der Harnsäuregehalt des Magensaftes bei Hyperurikämie. Zschr. ges. exp. Med., 1930, 70: 483-93.—Lumière, A. Arthritisme et instabilité humorale. Progr. méd., Par., 1928, 43: 877-81.—Molnár, B. [Uric acid diathesis] Budapesti orv. ujs., 1926, 24: 367-9.—Müller, F. von. Ueber die uratische Diathese. Wien. klin. Wschr., 1937, 50: 1291-6.—Puxeddu, E. La morfologia e la resistenza dei capillari nelle diverse manifestazioni della diatesi arttrica. Atti Soc. sc. med. natur. Cagliari, 1935, 37: 245-80.—Richter, W. Harnsäure-Diathese in Verbindung mit Hauterkrankungen. Derm. Wschr., 1935, 101: 1567-71.—Scala, G. Un pericolo sociale: la diatesi arttrica. Fol. med., Nap., 1934, 20: 455-72.—Severin, J. Die Harnsäure-Diathese. Med. Welt, 1932, 6: 73; 113.—Tiegel, W. Polypragmasie oder Einheitsbehandlung der harnsauren Diathese. Hippokrat., Stuttgart, 1935, 6: 651-7.—Usseglio, G., & Ceresa, G. Acido urico e diatesi arttrica. Minerva med., Tor., 1933, 24: pt 2, 597-607.—Weil, M. P. Les troubles du métabolisme urique et leur traitement. Sem. hôp. Paris, 1927, 3: 404-11.

Diathesis: Heredity.

RAMÍREZ CORRÍA, F. *L'hérédité goutteuse. 82p. 8° Par., 1933.

Brock, J. Die ererbte gichtische Veranlagung; Kinderpflege und Erziehung. Arch. Kinderh., 1929, 88: 128-39.—Smyth, C. J., & Freyberg, R. H. A study of the hereditary nature of gout; a preliminary report of 2 families. Univ. Hosp. Bull., Ann Arb., 1940, 6: 62.—Talbot, J. H. Serum urate in relatives of gouty patients. J. Clin. Invest., 1940, 19: 645-8.—Weil, M. P. L'hérédité des goutteux. Presse méd., 1934, 42: 701.

Digestive system.

Bassler, A. Digestive manifestations of gout; oxygen treatment. Med. Rec., N. Y., 1934, 140: 667-9. Also repr.—Chrometzká, F. Die zentrale Stellung der Leber im Purinstoffwechsel und ihre Bedeutung für die Pathogenese der Gicht. Klin. Wschr., 1936, 15: 1877-81.—Fiessinger, N. Le foie des goutteux. Progr. méd., Par., 1935, 1614.—Perrin, M., & Mathieu, P. Foie et arthritisme. J. méd. fr., 1927, 16: 170-4.—Quaglia, F. I disturbi dell'apparato digerente nei gottosi. Minerva med., Tor., 1939, 30: pt 2, 353-7.—Robecchi, A., & Pescarmona, M. Studi sul metabolismo purinico; le alterazioni del fegato nei gottosi. Arch. sc. med., Tor., 1935, 65: 875-96.—Schneider. Les réactions intestinales chez les goutteux et l'uricémique. Bull. Soc. méd. Paris, 1936, 311-8.

Endocrine aspect.

Guillaume, A. C. Consideraciones sobre el papel del sistema endocrinoimpático en la gota. Siglo méd., 1930, 85: 557.—Marañón, G. La goutte climatérique. Rev. rhumat., Par., 1939, 6: 531-9. ——— & Ibañez, J. Les sécrétions internes ovariennes et la goutte. Rapp. Congr. internat. rhumat. (1934) 1936, 4. congr., 629-31.—Sédillot, J. A propos de la sénilité. Bull. Soc. méd. Paris, 1928, 345-50.

Etiology.

See also subheading Pathogenesis.

Blume, C. A. [Uric acid diathesis and meat diet] Ugeskr. læger, 1934, 96: 826-8.—Copeman, W. S. C., & Samuel, E. Gout secondary to a renal lesion. Lancet, Lond., 1937, 2: 190.—Huck, W. W. Zur Frage über das Studium des Konstitutionstypus bei Podagristen in Kurorten. Zschr. ges. phys. Ther., 1926, 32: 28-40.—Krafka, J. jr. A neglected factor in the etiology of gout. J. Bone Surg., 1935, 17: 1049-51.—Loeper & Debray. L'arthritisme, maladie prééminente. J. méd. fr., 1927, 16: 159-69.—Ramond, L. Goutte saturnine. Presse méd., 1938, 46: 1321.—Vielle, P. L. L'alimentation dans l'étiologie de la goutte. Rev. méd., Par., 1938, 55: 325-30.—Volkmar. Die Gicht, ihre Ursache und ihre ursächliche Behandlung. Zschr. ärztl. Fortbild., 1930, 27: 653-6.—Weisz, E. Ueber Gicht, mit besonderer Rücksicht auf die mechanischen Momente. Veröff. Medverwalt., 1922, 16: 759-64.

experimental.

HEYDKAMP, F. *Experimenteller Beitrag zur Pathogenese der Gicht. 16p. 8° Berl., 1925. Also Zschr. klin. Med., 1927, 105: 83-90.

Bollman, J. L., & Schlotthauer, C. F. Experimental gout in turkeys. Am. J. Digest. Dis., 1936-37, 3: 483-8.—Fortunato, A., & Caporali. Contributo sperimentale alla patogenesi della gota. Gazz. internaz. med. chir., 1927, 32: 8-10.—Menniti-

Ippolito, R. Alterazioni dell'orecchio, della laringe e della faringe da diatesi urica sperimentale. *Rinasc. med.*, 1933, 10: 254, pl. — **Gotta spontanea e gotta sperimentale; alterazioni dell'orecchio, faringe e laringe.** *Arch. ital. otol.*, 1934, 45: 321-52. — **Perronito, A.** Sulla gotta sperimentale. *Boll. Soc. ital. biol. sper.*, 1927, 2: 352. — **Sulla gotta sperimentale.** *Boll. Soc. med. chir., Pavia*, 1927, n. ser., 2: 261-3. — **Uricemia e gotta sperimentale.** *Gazz. med. lombarda*, 1928, 87: 1. — **Rondoni, P.** Ricerche sperimentali sulla gotta e sulle artropatie. *Rass. clin. sc.*, 1931, 9: 107-12. — **Experimentelle Beiträge zur Pathogenese der Gicht und der Gelenkerkrankungen.** *Krankheitsforschung*, 1931, 9: 211-25. — **Schlotthauer, C. F., & Bollman, J. L.** Experimental gout in turkeys. *Proc. Mayo Clin.*, 1934, 9: 560.

— Eye.

WEVE, H. J. M. *Over keratitis urica en andere vormen van jichtig ooglijden [Amsterdam] 177p. 8°. Rotterdam, 1924.

Barca, L. C. de la. Jaquica oftálmica de sintomatología curiosa en algunos sujetos artríticos. *Arch. oft. hisp. amer.*, 1916, 16: 267-9. — **Bergmeister, R.** Ueber Ablagerung von Harnsäurekristallen im Hornhautepithel. *Zschr. Augenh.*, 1936, 89: 32-9. — **Bozzoli, A.** L'uricemia nella etiologia e nella patogenesi delle iriditi e delle scleriti. *Ann. ottalm.*, 1924, 52: 498-513. — **Busacca, A.** Alterazioni oculari da iperuricemia e gotta. *Glor. ocul.*, 1929, 10: 78-82. Also *Pensiero med.*, 1929, 18: 465-74. — **Cusumano, A., & Borsellino, G.** Le alterazioni dell'occhio nella gotta sperimentale. *Lettura oft.*, 1937, 14: 33-45, pl. — **Kalashnikov, P.** [The eye and gout] *Vest. oft.*, 1937, 10: 387; 11: 762. — **Motolese, A.** Keratitis urica. *Ber. Deut. ophth. Ges.*, 1938, 52: 136-48. — **Savin, L. H.** Remarks on ophthalmic gout. *Tr. Ophth. Soc. U. K.*, 1938, 58: 149-58. — **Wood, D. J.** Inflammatory disease in the eye caused by gout. *Brit. J. Ophth.*, 1936, 20: 510-9, 7 pl.

— Frequency, and geographical occurrence.

Bahder, D. [Gout] *Geneesk. tschr. Ned. Indië*, 1935, 75: 1666; 1835. — **Breemen, J. van.** Quelques observations sur la goutte en Hollande. *Ann. internat. méd. phys.*, Anvers, 1937, 30: 145-9. Also *S. Afr. M. J.*, 1938, 12: 793-5. — **Cameron, J. A. P.** Two cases of gout recorded with commentary. *Malay. M. J.*, 1934, 9: 206-8. — **Cmunt, E.** [Diagnosis of gout and its frequency] *Cas. lek. česk.*, 1936, 75: 653. — **Eerkens, J. W.** [Case of gout] *Geneesk. tschr. Ned. Indië*, 1934, 74: 244, pl. — **Eerland.** [Arthritis urica in a Javanese] *Ibid.*, 234. — **Fleischer, D.** [Case of gout in a Toli-Toli] *Ibid.*, 1935, 75: 1823, pl. — **Groot, K. P.** [Cases of gout in Javanese] *Ned. tschr. geneesk.*, 1929, 73: 2142-9, 2 pl. — **Kouwenaar, W.** *Jicht.* *Geneesk. tschr. Ned. Indië*, 1932, 72: 1682-9. — **Polak, H. J., & van der Werf, H. D.** [Case of gouty arthritis in a native] *Ibid.*, 1929, 69: 132-7, 4 pl. — **Pringle, G. L. K.** The incidence and criteria of gout. *Arch. M. Hydr.*, Lond., 1936, 14: 143-5.

— Hematopoietic system.

HARLINGHAUSEN, E. [I.] *Gicht und Blutkrankheiten [Kiel] 30p. 8°. Lippstadt i. Westf., 1933.

Brunner, H. Gicht und Leukämie. *Zschr. klin. Med.*, 1932, 121: 700. — **Cotti, L., & Balestrieri, F.** Ricerche sul metabolismo dell'acido urico in rapporto con l'attività eritropoietica nell'anemia perniciosa e nell'anemia ipocromica essenziale in corso di trattamento. *Gior. clin. med.*, 1939, 20: 486-96. — **Davis, N. S.** Erythremia and podagra. *Med. Clin. N. America*, 1927, 11: 225-8. — **Lambie, C. G.** A study of juvenile gout in a patient suffering from chronic erythronoclastic anaemia of obscure origin, together with observations upon the physical state of uric acid in the blood and the effects of splenectomy. *Med. J. Australia*, 1940, 1: 535-58, pl. — **Medvei, C. V.** Ueber ein bemerkenswertes Zusammentreffen von Arthritis urica, Erythraemia Typ Vaquez und Hypernephroma malignum. *Wien. Arch. inn. Med.*, 1933-34, 24: 417-26. — **Mittelmann, D.** [Relation between gout and leucemia] *Gyógyászat*, 1930, 70: 883-7. — **Schultz, A.** Zur Frage der Beziehungen zwischen Leukämie und Gicht; zugleich Mitteilung histologischer Darstellungsmethoden der Harnsäure und der Urate. *Virchows Arch.*, 1931, 280: 519-29. — **Silvestrini, R.** Splenomegalia mieloide aleucemia e gotta. *Diagnosi*, 1934, 14: 35-46. — **Vining, C. W., & Thomson, J. G.** Gout and aleukaemic leukaemia in a boy aged five. *Arch. Dis. Childh.*, Lond., 1934, 9: 277-84.

— History, and folk-lore.

CADOGAN, W. William Cadogan (His essay on gout) by John Ruhrah. 114p. 8°. N. Y., 1925.

FINCK, C. La goutte; sur quelques points controversés ou mal connus de son histoire. 79p. 8°. Par., 1922.

PICTOR, G. Grien Büchlin [Facs. with English transl.] 63p. 12cm. Mülhausen [1557]

Bing, H. I. [Gout, a forgotten disease] *Ugeskr. laeger*, 1937, 99: 36. — **Braun, A.** Die Tragopodagra des Lukian. *Münch. med. Wschr.*, 1936, 83: 1477. — **Brunn, W. von.** Fragment des Gichtbuches eines Stralsunder Amtschirurgen des 16. Jahrhunderts. *Arch. Gesch. Med.*, 1927, 19: 287-93. — **Gualino, L.** La sindrome gottosa. In his *Stor. med. Roman. pontefici*, Tor., 1934, 451-96. — **Gudzent, F.** Recent results of research in gout and rheumatism. *J. Egypt. M. Ass.*, 1932, 15: 472-89. — **Harder, F. K.** The renaissance of gout. *J. Med.*, Cincinnati, 1936-37, 17: 286-92. — **Herrick, W. W., & Tyson, T. L.** Gout; a forgotten disease. *Am. J. M. Sc.*, 1936, 192: 483-8. — **Hormell, R. S.** Notes on the history of rheumatism and gout. *N. England J. M.*, 1940, 223: 754-60. — **Ironie greque et humour anglais: 12 caricatures anglaises sur la goutte.** *Aesculape, Par.*, 1936, 26: 98-109. — **Laignel-Lavastine.** La goutte à Byzance. *Ann. internat. méd. phys.*, Anvers, 1937, 30: 49-57. — *Introduction à l'histoire de la goutte et du rhumatisme.* *Rev. rhumat.*, Par., 1937, 4: 1057-68. — **La vieillesse et la goutte.** *Aesculape, Par.*, 1936, 26: 97. — **Mort (La)** et l'avare gouteux. gravure de Peter Schenk. *Ibid.*, 120. — **Mystery (The)** of gout. *Lancet*, Lond., 1940, 2: 350. — **Schnitker, M. A.** A history of the treatment of gout. *Bull. Inst. Hist. M.*, Balt., 1936, 4: 89-120. — **Sydenham, T.** A treatise of the gout and dropsy. *Med. Classics*, 1939-40, 4: 354-97. — **Wade, J. L.** Gout, an ancient wolf in modern sheep's clothing. *West Virginia M. J.*, 1939, 35: 128-36. — **Weissenbach, R. J., & Fraçon, F.** La goutte et les rhumatismes dans l'histoire de la médecine. *Rev. rhumat.*, Par., 1936, 3: 193-220.

— infantile, and juvenile.

Beretervide, E. A. Las manifestaciones diatélicas o artríticas en la pequeña infancia; sus diferentes formas. *Scm. méd.*, B. Air., 1928, 35: pt 2, 1098-106. — **Berthou, L. P.** Les enfants arthritiques; l'hérédito-arthritis. *Gaz. méd. France*, 1929, 3: 123-9. — **Mayer von Schopf, E.** Gicht bei einem 5 Wochen alten Säugling; eine prinzipiell wichtige Beobachtung zum Gichtproblem. *Klin. Wschr.*, 1930, 9: 2148-51. — **Mouriquand, G.** L'arthritisme infantile et son traitement. *J. méd. fr.*, 1927, 16: 197-204. — *Notes sur la sémiologie, les causes et le traitement de l'arthritisme chez l'enfant.* *J. méd. Lyon*, 1928, 9: 87-93. Also *J. méd. Paris*, 1927, 46: 867-9. — **Nobécourt, P., & Kaplan, M.** Arthritisme. In *Traité méd. enf.* (Nobécourt & Babonneix) *Par.*, 1934, 1: 323-33. — **Pardo.** Gota juvenil. *Med. ibera*, 1936, 30: 353.

— irregular [extraarticular]

NEIS, P. *Goutte aiguë du rhinopharynx. 35p. 8°. Par., 1925.

Copeman, W. S. C. Chronic and irregular gout. *Practitioner*, Lond., 1937, 138: 749-68. — **Escudero, P.** Polisinovitis gotosa crónica. *Dia méd.*, B. Air., 1931-32, 4: 372. — **Giuffrè, G.** La gotta interna. *Gazz. osp.*, 1927, 48: 224-7. — **Gudzent, F.** Viszerale Gicht. *Zschr. ärztl. Fortbild.*, 1932, 29: 105-7. — **Löhlke, H.** Gichtablagenungen in der Rachenschleimhaut. *Zschr. Hals & e. Heilk.*, 1930, 26: 359-65. — **Paillard, H., & Durel, M.** La goutte au tendon d'Achille. *Clinique, Par.*, 1931, 26: 45-7. — **Sédillot, J.** La goutte n'est pas une affaire articulaire. *Presse therm. clim.*, 1935, 76: 740. Also *Rev. gén. clin. théor.*, 1935, 49: 116-9. — **Sofré, G.** La gotta interna. In *Lez. med. biol.* (Martelli) *Nap.*, 1930, 183-96. — **Teutsch, R.** La goutte viscérale; diagnostic et traitement. *Paris méd.*, 1927, 65: 226.

— Manifestations.

Finck, C. Le système nerveux organo-végétatif dans la goutte. *Paris méd.*, 1926, 59: 515-21. — **Kirk, E. C.** The dental relationship of arthritis. *Tr. Nat. Dent. Ass.*, 1909, 20-40. — **Levina, C. A.** [The manifestation of hemorrhagic diathesis in gout] *Ter. arkh.*, 1935, 13: 83-8. — **Nyfeldt, A.** [The signs of disease in the gout sanatorium] *Ugeskr. laeger*, 1937, 99: 241. — **Rimbaud & Anselme-Martin.** Troubles nerveux chez les gouteux. *Progr. méd.*, Par., 1935, 1617. — **Sudaka, R.** Repercussions bucco-dentaires de la goutte. *Rev. odont.*, Par., 1927, 48: 38-43. — **Troubles (Les)** nerveux chez les gouteux. *Bruxelles méd.*, 1934-35, 15: 1424. — **Vogl, A.** Krampusneurose und Gicht. *Mitt. Ges. inn. Med. Wien*, 1935, 34: 43-5. — *Crampusneurose und Gicht (über das Krankheitsbild der uratischen Crampusdiathese)* *Wien. klin. Wschr.*, 1936, 49: 103-7. — **Weil, M. P.** Les manifestations bucco-dentaires de la goutte. *Rev. odont.*, Par., 1927, 48: 34-8. — **Zorn, B.** Harnsäure, Psoriasis und Gicht. *Derm. Wschr.*, 1933, 96: 821-5.

— Metabolism.

FINGERLE, E. *Die Abhängigkeit der Harnsäureausscheidung von Produkten des intermediären Stoffwechsels und deren mögliche Beziehung zur Gicht [München] 22p. 8°. Kallmünz, 1935.

De Bonis, G. Il ricambio glicidico nella gotta e nelle sindromi paragottose. *Fisiol. & med.*, Roma, 1940, 11: 1-21.—**Decaux, F.** Le cholestérol dans la goutte. *Presse therm. clin.*, 1935, 76: 739.—**Finck, C. J.** L'équilibre acide base chez les gouteux. *Rev. méd. Suisse rom.*, 1933, 53: 385-400.—**Harpuder, K., & Spitz, L.** Zur Stoffwechselpathologie der Gicht. *Klin. Wschr.*, 1926, 5: 706-8.—**Hoskins, W. H.** The role of metabolism in gout; its treatment. *Med. World*, 1939, 57: 577-83.—**Loeper & Lemaire.** Les troubles des échanges nutritifs chez les gouteux. *Bruxelles méd.*, 1934-35, 15: 1425. Also *Presse therm. clin.*, 1935, 76: 728. Also *Rev. gén. clin. thé.*, 1935, 49: suppl., 1876-86.—**Talbott, J. H., & Coombs, F. S.** Metabolic studies on patients with gout. *J. Am. M. Ass.*, 1938, 110: 1977-82.—**Talbott, J. H., Jacobson, B. M., & Oberg, S. A.** The electrolyte balance in acute gout. *J. Clin. Invest.*, 1935, 14: 411-21.—**Violle, P. L.** A propos de l'association goute-diabète. *Presse méd.*, 1937, 45: 186-8.

Metabolism: Purine bodies.

See also subheading Uric acid.

Coste, F., Grigaut, A., & Lamotte, M. La synthèse des purines chez les gouteux; remarques sur les effets du régime aipurinique. *Presse méd.*, 1938, 46: 1129-31.—**Coste, F., Grigaut, A., & Mande, A.** Recherches sur le taux des purines libres et combinées dans le sang des gouteux. *C. rend. Soc. biol.*, 1936, 122: 1078-81.—**Fearon, W.** Recent research on uric acid and purine metabolism. *Irish J. M. Sc.*, 1923, 5. ser., 205-10.—**Gradwohl, M.** Ueber den Einfluss der Arbeitsleistung auf den Purinhaushalt bei Gesunden und Gichtikern. *Zschr. ges. exp. Med.*, 1930, 71: 778-85.—**Labbé, M., Violle, P. L., & Nepveux, F.** Recherches sur le métabolisme intermédiaire des purines chez les gouteux. *C. rend. Soc. biol.*, 1935, 119: 1095-8.—**Lucchetti, G.** Contributo allo studio del ricambio purinico nello stato puerperale; il comportamento dell'uricemia e dell'uricuria in gravidanza, parto e puerperio. *Arch. ostet. gin.*, 1939, 2. ser., 3: 113-34.—**Rondoni, P.** Investigaciones experimentales sobre el metabolismo purínico y sobre la gota. *Dia méd.*, B. Air., 1930-31, 3: 289-91.—**Severin, J.** Beiträge zur Physiologie des menschlichen Nukleinstoffwechsels nebst Bemerkungen zur Stoffwechselpathologie der Gicht. *Arch. exp. Path., Lpz.*, 1926, 115: 205-20.—**Souza Aranha, M. E. de.** Metabolismo das purinas; ácido urico, uricemia, gota. *Brasil med.*, 1939, 53: 31; 50.

oxalic.

Di Marco, I. Contributo alla conoscenza del metabolismo dell'acido ossalico nella gota. *Policlinico*, 1938, 45: sez. prat., 1037-45.—**Loeper, M.** La goutte oxalique. In his *Sémiol. thé.*, Par., 1938, 177-86.—**Garcin, R., & Tonnet, J.** La goutte oxalocholestérinique. *Bull. Soc. méd. hôp. Par.*, 1926, 3. ser., 50: 783-7. Also *Progr. méd.*, Par., 1926, 41: 871.—**Parénago, S. N.** [Diagnostic importance of oxaluria in arthritis] *Sovet. vrach. gaz.*, 1933, 37: 878-82.

Pathogenesis.

Ehrenmann, R. *Zum Gichtproblem [München] 35p. 22 $\frac{1}{2}$ cm. Speyer a. Rh., 1938.

Valles, J. P. M. A. *Contribution à l'étude pathogénique de la goutte. 57p. 8° Par., 1937.

Achard, C. La goutte; lésions et pathogénie. In *Clin. méd. hôp. Beaujon*, Par., 1925, 2. ser., 90-107.—**Burt, J. B., & Gordon, R. G.** Gout an unsolved problem. *Ann. Rheum. Dis.*, Lond., 1939, 1: 304-18.—**Carbognin, G.** Influenza dell'acido urico sulla permeabilità capillare. *Boll. Ist. sieroter. milan.*, 1931, 10: 749-58.—**Chini, V.** Rapporti tra acido urico e permeabilità di membrana. *Boll. Soc. ital. biol. sper.*, 1930, 5: 926-8. Also *J. Exp. M.*, 1931, 53: 1-9, pl.—**Analisi matematica di una curva esprime l'incremento della permeabilità capillare sotto l'azione dell'acido urico.** *Boll. Soc. ital. biol. sper.*, 1931, 6: 871-6.—**Das Gupta, S. C.** Genesis of gout; its relation to blood pressure and antagonism to tuberculosis. *Ind. M. Rec.*, 1935, 55: 97-105.—**Finck, C. J.** De la pathogénie de la goutte. *Paris méd.*, 1935, 97: 336-9.—**Rémy, F.** Uricopexie et cholestéropexie. *Strasbourg méd.*, 1934, 94: 149-57.—**Frugoni, C.** Influenza dell'acido urico sulla reattività dei tessuti alla flogosi. *Boll. Ist. sieroter. milan.*, 11: 26-32.—**Grabfield, G. P.** A pharmacologic study of the mechanism of gout. *Ann. Int. M.*, 1937-38, 11: 651-6. Also in *J. H. Pratt Anniv. Vol.*, 1937, 391-6.—**Gregoraci, P. N.** El síndrome gotoso; naturaleza y génesis. *Rev. méd. cubana*, 1939, 50: 117; 227; 352.—**Horst, F. C. van der** [The origin of gout] *Geneesk. tscr. Ned. Indië*, 1935, 75: 1483-5.—**Klaf, L. L.** [Pathogenesis and functional diagnosis of gouty diathesis] *Vrach. gaz.*, 1929, 33: 2711; 2798.—**Kürti, L.** Untersuchungen über den Harnsäurestoffwechsel bei Nierenkranken. *Zschr. Zellforsch.*, 1932, 16: 585-94.—**Neergaard, K. von, Haffter, C., & Bruck, M.** Ueber das Wesen der harnsauren Diathese und die Pathogenese der Gicht; mit Richtlinien für die physikalische Therapie derselben. *Helvet. med. acta*, 1938, 5: 675-708.—**Paillard, H.** Le démemberment de l'arthritisme; une nouvelle conception des maladies de la nutrition. *J. méd. fr.*, 1929, 18: 87; 1934, 23: 16.—**Paroulek, J.** [Problem of gout] *Cas. l'k. česk.*, 1933, 72: 193; 237.—**Pasoli, E.** Influenza dell'acido urico sui processi ossidativi dei tessuti. *Biochim. ter. sper.*, 1932, 19: 12-9.—**Pathogenesis** (The) of gout. *J. Am. M. Ass.*, 1935, 105: 602.

Piéri, J. Les idées modernes sur la pathogénie et le traitement de la goutte. *Marseille méd.*, 1928, 65: pt 2, 492-516.—**Richter, P. F., & David, W.** Zum Problem der Gicht. *Krankheitsforschung*, 1926, 3: 218-62.—**Scheitgart, M.** Etiopatogenia y tratamiento de la gota. *Dia méd.*, B. Air., 1934-35, 7: 87-91.—**Stefanutti, P.** Il problema dell'acido urico. *Gior. med. Alto Adige*, 1930, 2: 559-70.—**Stocker, H.** Contribución al estudio de la patogenia de la gota. *Prensa méd. argent.*, 1936, 23: 1253-65.—**Strauss, H.** Die Bedeutung des lokalen Faktors bei der Harnsäure- und Kalkgicht. *Med. Klin.*, Berl., 1930, 26: 1439-41.—**Tapella, P. A.** Etiopatogenia de la gota. *Acción méd.*, B. Air., 1940, 10: 17-20.—**Traube.** Considérations sur la nature de la goutte. *Presse méd. belge*, 1864-65, 17: 413.—**Usseglio, G.** Sulla questione della patogenesi della gota. *Arch. sc. med.*, Tor., 1934, 58: 353-92.—**Weil, M. P., & Guillaumin, C. O.** Le mécanisme physio-pathologique de la goutte. *Presse méd.*, 1928, 36: 358.

Pathology.

Burman, M. S. Synovial fluorescence in a case of gout with jaundice. *Aeta rheumat.*, Rotterdam, 1937, 9: H. 35, 10-2.—**Chini, V.** Ricerche istologiche sull'azione generale dell'acido urico. *Arch. ital. anat. pat.*, 1930, 1: 859-75.—**Ricerche sperimentali sull'azione locale dell'acido urico sui tessuti.** *Boll. Soc. ital. biol. sper.*, 1930, 5: 519-22. Also *Krankheitsforschung*, 1930, 8: 301-7.—**Gudzent, F., & Holzmann, E.** Klinische und morphologische Beiträge zum Gichtproblem. *Zschr. klin. Med.*, 1927, 106: 117-28.—**Kristeller.** Decubitus der Nase. *Aerzt. Mitt.* Baden, 1927, 81: 40.—**Lésions** (Les) anatomo-pathologiques de la goutte. *Bruxelles méd.*, 1934-35, 15: 1444.—**Lichtwitz, L.** Die Gicht. In his *Path. d. Funktionen*, Leiden, 1936, 143-61.—**Müller, F.** The pathology of gout. *Proc. Inst. M. Chicago*, 1926-27, 6: 149-52. Also repr.—**Pommer, G.** Zur Kenntnis der mikroskopischen Gichtbefunde und ihrer Untersuchungsverfahren. *Klin. Wschr.*, 1929, 8: 1201.—**Tapie, J., & Garipuy, A.** Las lesiones anatómicas-clínicas de la gota. *Ars medica*, Barcel., 1935, 11: 465-83.—**Les lésions anatomo-pathologiques de la goutte.** *Prat. méd. fr.*, 1935, 16: 551-61. Also *Presse therm. clin.*, 1935, 76: 734-7. Also *Progr. méd.*, Par., 1935, 1618-22.—**Weisz.** ¿Qué se deduce de la patología de la gota para la práctica? *Rev. méd. Hamburgo*, 1928, 9: 136.

Pharmacology.

Nawrath, K. *Der Einfluss alkalischer Wässer auf den Purinstoffwechsel. 6p. 8° Bresl., 1932.

Also in *Klin. Wschr.*, 11.

Pietrulla, G. *Vergleichende Untersuchungen über die Einwirkung des Phenyleinchoninsäureäthylesters (Acitrin) und der Salicylsäure auf den Harnsäurestoffwechsel [Breslau] 24p. 8° Berl., 1913.

Ascoli, R. Harnkolloide und -kristalloide als Lösungsvermittler der Harnsäure. *Biochem. Zschr.*, 1928, 200: 95-107.—**Uteriori ricerche sulla solubilità dell'acido urico urinario.** *Biochim. ter. sper.*, 1929, 16: 33-46.—**Clark, G. W., & de Lorimer, A. A.** The effects of caffeine and theobromine upon the formation and excretion of uric acid. *Am. J. Physiol.*, 1926, 77: 491-502.—**Dobrowolska, S.** Oxydation de l'acide urique sous l'influence d'accepteurs d'hydrogène. *C. rend. Soc. biol.*, 1928, 99: 1022.—**Emmer, V.** [Effect of some substances on uricemia and on excretions of uric acid] *Cas. l'k. česk.*, 1931, 70: 1574-8.—**Fürth, O., & Edel, E.** On the elimination of uric acid from rats' liver by the action of phenyleinchoninic acid (einchophen) and the ethylester of paramethylphenyl einchoninic acid (tolysin) *J. Pharm. Exp. Ther.*, 1935, 53: 105-12.—**Gibbs, O. S.** The effects of drugs on the secretion of uric acid in the fowl. *J. Pharm. Exp. Ther.*, 1929, 35: 49-62.—**Griesbach, W., & Costopanagiotis, B. C.** Zur Frage der Wirkungsweise des Atophans auf den Purinstoffwechsel; Atophan und Allantoin. *Zschr. klin. Med.*, 1933, 125: 42-51.—**Hesse, E., & Nawrath, K.** Der Einfluss alkalischer Wässer auf den Purinstoffwechsel. *Klin. Wschr.*, 1932, 11: 1538-40.—**Jung, A.** Ueber den Einfluss der Wasserstoffionenkonzentration auf die Löslichkeit der Harnsäure. *Arch. exp. Path., Lpz.*, 1927, 122: 95-120.—**Leuthardt, F.** Ueber den Einfluss der Pufferungskapazität auf die Löslichkeit der Harnsäure. *Deut. med. Wschr.*, 1926, 52: 1985.—**Kineci, I.** Ueber den Einfluss des N. splanchnicus und des N. vagus auf die Harnsäureausscheidung und auf die harnsäureausscheidende Wirkung des Erycons (2-Anisyleinolin-4-carbonsäure). *Pol. pharm. jap.*, 1931, 12: [Brev.] 2.—**Liaci, L.** Azione dell'acido furil-cincoconico sulla eliminazione dell'acido urico. *Rass. fisiopat.*, 1938, 10: 385; 481.—**Madders, K., & McCance, R. A.** Effect of pentose ingestion on uric acid excretion. *Biochem. J.*, Lond., 1929, 23: 1175-7.—**Moraczewski, W., Grzycki, S.** [et al.] Ueber den Einfluss von Alkalien und vegetabilischer Nahrung auf die Blutharnsäure und die Uratausscheidung. *Klin. Wschr.*, 1935, 14: 557-62.—**Novi, I.** Ricambio materiale del gottoso. *Boll. Soc. ital. biol. sper.*, 1928, 3: 334-6.—**Rondoni, P.** Sulla precipitazione dell'acido urico in reazione alcalina. *Biochim. ter. sper.*, 1930, 17: 39-50.—**Spoto, P.** Ricerche sui farmaci uricolitici; i sali di litio. *Ann. clin. med.*, Pal., 1929, 19: (spec. no.) 577-596.—**Sulla solubilità**

dell'acido urico sintetico in presenza di sali di litio e di sodio. *Boll. Soc. ital. biol. sper.*, 1929, 4: 633-5. — Sulla solubilità dell'acido urico sintetico in presenza di citrati e di acetati. *Ibid.*, 1930, 5: 275-8. — Recherche sui farmaci uricolitici; i sali di litio. *Arch. sc. biol., Bologna*, 1930-31, 15: 324-41. — **Sula, J., & Paroulek, J.** [Metabolism of uric acid in the human system due to artificial alkalization of the blood] *Cas. lék. česk.*, 1933, 72: 481-4. — **Tilmant.** Effets des glucosides des bourgeons de peuplier sur l'élimination de l'acide urique. *Bull. Acad. méd., Par.*, 1936, 3. ser., 116: 341-3. — **Wheeler, R., & Wallace, B. I.** The effect of vegetable purines on the blood in gout. *J. Am. Diet. Ass.*, 1926-27, 2: 52-61. — **Yabana, K.** Ueber die Löslichkeit der Harnsäure bei Anwesenheit von Proteinsäuren. *Biochem. Zschr.*, 1929, 213: 456-9. — **Yamaguchi, I.** Vergleichende Untersuchungen über die Wirkungen von verschiedenen 2-Phenylchinolin-4-carbonsäurepräparaten; über die harnsäureausscheidende Wirkung bei der oralen Application. *J. Chosen M. Ass.*, 1929, 19: 145. — Investigation into the diuretic action of salicylates upon uric acid and the solubility of uric acid. *Keijo J. M.*, 1931, 2: 543-50.

Podagra.

Cohen, A. Gout (podagra) *Med. Rec., N. Y.*, 1935, 141: 456-9. — **Flandin, C., Poumeau-Deville, G., & Israël, R.** Un cas de goutte ulcérée du pied avec importantes destructions osseuses. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 763-6. — **Hanlon, C. R.** Podagra. *Guthrie Clin. Bull.*, 1939, 9: 40-2. — **Schaeppi, T.** Zur Behandlung des Podagra. *Schweiz. med. Wschr.*, 1939, 69: 1326. — **Weissenbach, R. J., & Françon, F.** Un aspect radiographique du pied goutteux; le pied hérisé. *Rev. rhumat., Par.*, 1938, 5: 870-3.

rheumatic.

See also Rheumatism.

GUDZENT, F. Gicht und Rheumatismus; ein Lehrbuch für Aerzte und Studierende. 189p. 8. Berl., 1928.

HARTMANN, O. [K. F.] *Gicht und Rheumatismus; pathologisch-anatomische Untersuchungen [Leipzig] 28p. 23½cm. [Zeulenroda, 1936]

Anaya. Del reuma y la gota. Siglo méd., 1925, 75: 140; 76: 531. — **Coste, F., Forestier, J., & Lacapère, J.** Existe-t-il un rhumatisme goutteux? *Bull. méd., Par.*, 1931, 45: 386; 404. — **Edgecombe, W.** Gout and the chronic rheumatic diseases. *Rheumatism, Lond.*, 1938, 1: 61-7. — **Gudzent, F.** Das Krankheitsbild von Rheumatismus und Gicht unter neuen Gesichtspunkten. *Zschr. ärztl. Fortbild.*, 1936, 33: 345-9. — **Gutmanas, L.** [Problem of gout, rheumatism and neuralgia] *Medicina, Kaunas*, 1930, 11: 479-87. — **Lamarque, A.** Artritismo reumatismo crónico o enfermedades del metabolismo; su tratamiento. *Sem. méd., B. Air.*, 1920, 27: 655-7. — **Léri, A., & Lonjumeau, A.** Artritisme et rhumatismes chroniques. *J. méd. fr.*, 1927, 16: 187-96. — **Merklen.** Aux confins de la goutte et du rhumatisme. *Presse therm. clim.*, 1937, 78: 396-9. — **Reicher, E.** [Rheumatism and gout] *Lek. wojsk.*, 1937, 30: 398; 466. — **Rothenpieler, H.** Ueber den sogenannten Hochdruckrheumatismus und seine Beziehungen zur echten Gicht. *Deut. med. Wschr.*, 1940, 66: 873-6. — **Sedláček, K.** Gout and rheumatism. *Acta rheumat., Rotterdam*, 1939, 11: No. 43, 5-14. — **Skliutauskas, I.** [Gout and rheumatism] *Medicina, Kaunas*, 1938, 19: 260-12. — **Tzanck, A., Klotz, H. P., & Le Roy des Barres.** A propos d'un cas de rhumatisme de la chirothérapie chez un goutteux ancien. *Bull. Soc. méd. hôp. Paris*, 1936, 3. ser., 52: 112-5. — **Weil, M. P.** Forme rhumatismale de la goutte et rhumatisme goutteux. *Gaz. hôp.*, 1937, 110: 61-6. Also *Progr. méd., Par.*, 1939, 585. — **Détre, G.** Goutte et rhumatisme; contribution à l'étude du rhumatisme goutteux. *Presse méd.*, 1933, 41: 484-6. — **Weil, M. P., & Polak, C.** Le rhumatisme goutteux. *Ibid.*, 1936, 44: 26-8. Also *Presse therm. clim.*, 1935, 76: 719.

Tophus.

Cronin, L., & Paillas, J. E. Le tophus goutteux. *Ann. méd., Par.*, 1936, 39: 361-74. — **Faure, M., Martin, J. F., & Ravault, P. P.** Réflexions sur le tophus goutteux; à propos de 3 cas personnels. *J. méd. Lyon*, 1934, 15: 815-28. — **Ferrannini, A.** Il tofo dei gottosi. *Riforma med.*, 1935, 51: 1595-9. — **Françon, F.** Sémiologie de la goutte chronique tophacée. *Bruxelles méd.*, 1938-39, 19: 840-5. — **Frieboes, W.** Gichtknoten. *Derm. Wschr.*, 1938, 106: 24. — **Galantha, E.** Technique for preservation and microscopic demonstration of nodules in gout. *Am. J. Clin. Path.*, 1935, 5: 165. — **Grün, E.** Zur Histologie der Gichtknoten. *Arch. Derm. Syph., Berl.*, 1926, 152: 3-6. — **Gudzent, F.** Ueber Tophusbildung und den akuten Gichtanfall. *Klin. Wschr.*, 1926, 5: 1069-72. — **Jordan, A., Schamschin, & Dobrow.** Gichtknoten allein, wie in Verbindung mit Syphilis und verschiedenen Hautveränderungen. *Derm. Wschr.*, 1932, 94: 161-72. — **Kaiser, S.** Primäre Hautgicht; multiple kleinste bis hirsekorngrosse Hauttophi der Volarseite der Finger. *Arch. Derm. Syph., Berl.*, 1926, 151: 386. — **Kress, H. von.** Mikroskopische Befunde bei einem Fall schwerer Gelenkgicht (ein Beitrag zur Frage der Entstehung der Marktophi). *Mitt. Grenzgeb. Med. Chir.*, 1928-29, 41: 287-328. — **Merklen, P., & Wolf, M.** La pathogénie de la goutte et la genèse du tophus.

Presse therm. clim., 1935, 76: 729-33. Also *Progr. méd., Par.*, 1935, 1628. Also *Rev. gén. clin. thér.*, 1935, 49: suppl., 1824-7. — **Paillard, H.** Le tophus goutteux. *J. méd. fr.*, 1934, 23: 20-6. — **Pommer, G.** Ueber die Vorgänge bei den Harnsalzablagerungen der Gicht. *Wien. klin. Wschr.*, 1932, 45: 801; 845. — Von den Frühstadien und der Rückbildungsbefunden der gichtischen Harnsalzablagerungen. *Beitr. path. Anat.*, 1932-33, 90: 513-20. — **Thathery, F., & Conte.** Le tophus goutteux. *Presse méd.*, 1935, 43: 1377-9. — **Scott, T. G.** Acute gout with gouty eczema and uric acid deposits in the skin. *Guy's Hosp. Rep., Lond.*, 1928, 78: 461-4. — **Watrin, J.** Tophus goutteux. In *Nouv. prat. derm.* (Darier, Sabouraud, et al.) *Par.*, 1936, 5: 744-8.

Treatment.

BERKART, J. B. The treatment of gout. 21p. 8. Lond., 1919.

DIAS DA SILVA, J. *Duas palavras sobre a gota e seu tratamento. 60p. 8. Lisboa, 1868.

Achard, C. Traitement de la goutte. In *Clin. méd. Hôp. Beaulieu, Par.*, 1925, 2. ser., 108-18. — **Brussilovsky, E. M., & Livshitz, A. E.** [Combined method of treatment of gout in sanatoriums] *Odess. J.*, 1930, 5: 265-71. — **Buckley, C. W.** The modern treatment of gout. *Med. Press & Circ., Lond.*, 1938, 197: 482-5. Also In *Mod. Treat.*, Yearb., 1940, 38-44. — **Caccuri, S.** Alcuni dati nella cura della gota. *Morgagni*, 1934, 76: 399. — **Callahan, E. J., & Ingham, D. W.** Gout: report of 9 cases with a new addition to the treatment. *Med. Rec., N. Y.*, 1939, 149: 167. — **Calteja, C.** Tratamiento primordial de los artríticos ó acatablísticos. Siglo méd., 1926, 77: 413-6. — **Chaufard, A.** Le traitement de la goutte. *J. méd. chir., Par.*, 1925, 96: 837-42. Also *Arch. méd. chir. province*, 1926, 16: 170-2. — **David, A.** Le traitement de la goutte. *J. sc. méd. Lille*, 1923, 41: 13-8. — **Falkenstein.** Behandlung der durch Harnsäure erzeugten Rheumatismen. *Deut. mil. ärztl. Zschr.*, 1915, 44: 250-9. — **Freund, E.** Die Behandlung der Gicht. *Wien. klin. Wschr.*, 1926, 39: 1340. — **Galdi, F.** Clinica e terapia della gotta. *Rass. clin. sc.*, 1933, 11: 499-515. — **Godlia, G.** Cura della gotta. *Rinasc. med.*, 1937, 14: 749. — **Graham, G.** The treatment of gout. *Proc. R. Soc. M., Lond.*, 1926-27, 20: Sect. Ther. Pharm., 1-10. — **Gudzent, F.** Die Behandlung der Gicht und gichtischen Diathesen. *Zschr. Urol.*, 1926, 19: Beih., 71. — **Wesen und Behandlung der Gicht.** *Med. Welt*, 1938, 12: 1347. — **Guelpa, G.** Les applications de la cure le désintoxication. *Clinique, Par.*, 1926, 21: 151. — **Gutman, J.** Treatment of gout and gouty manifestations. *Med. Rec., N. Y.*, 1938, 147: 561. — **Harpuder, K.** Die Behandlung der Gicht. *Zbl. inn. Med.*, 1932, 53: 258-69. — **Hench, P. S.** Comments on the diagnosis and management of gout in certain parts of the United States. *Proc. Mayo Clin.*, 1937, 12: 262-9. — **Hollander, J. L.** The diagnosis and treatment of gout. *Med. Clin. N. America*, 1939, 23: 1437-48. — **Iandole, C.** Moderna terapia della gotta. *Policlinico*, 1937, 44: sez. prat., 1677: 1737. — **Isaac, S.** Die Behandlung der Gicht. *Zschr. ärztl. Fortbild.*, 1932, 29: 138-41. — **Jansen, H.** [Gout and its treatment] *Ugeskr. læger*, 1931, 93: 1140-3. — **Jung, A.** Les infiltrations novocainiques périarticulaires dans le traitement de la goutte. *Progr. méd., Par.*, 1939, 306: 311. — **Magnin, E.** L'évolution de la goutte et le traitement de ses manifestations atypiques. *Ibid.*, 1926, 41: 728. — **Paillard, H.** Quelques points du traitement de la goutte. *J. méd. fr.*, 1934, 23: 27-30. — **Perrin, M., & Abel, E.** Traitement de la goutte. *Progr. méd., Par.*, 1935, 1632. — **Fiéri, J.** Traitement de la goutte. *J. méd. Paris*, 1929, 48: 270-5. — **Schneider, J.** Les idées actuelles sur le traitement général de la goutte. *Bull. Soc. méd. Paris*, 1931, 236-42. — **Thébault.** Thérapeutique antigoutteuse: traitement symptomatique, traitement de fond. *J. méd. Paris*, 1926, 45: 470. — **Violle, P. L.** La goutte chez la femme. *Médecine, Par.*, 1939, 20: 553-8.

Treatment: Balneo- and crenotherapy.

ACQUE (Le) alcaline gasose della sorgente Désirée nelle affezioni della vescica e della gotta. 24p. 22½cm. Vals [187?]

Angelo, L. Il comportamento della riserva alcalina nell'artrismo e sue variazioni dopo la fangoterapia. *Riv. idr. clim.*, 1928, 39: 541-7. — **Behr.** Behandlung der Gicht. *Zschr. wiss. Bäderk.*, 1928-29, 3: 305-20. — **Bich, A.** Azione del fango termale sulla repartizione dell'acido urico tra il plasma e i corpuscoli. *Gior. med. Alto Adige*, 1932, 4: 346. — **Bouloumié, P.** Les adjuvants de la cure de diurèse. *J. méd. fr.*, 1927, 16: 218-22. — **Castaing, J.** La cure de diurèse. *Ibid.*, 205-17. — **Comel, M.** Sul meccanismo d'azione del fango termale nell'uricemia; ipotesi sull'intervento di un fattore uricolitico, e di un fattore cutaneo. *Riv. idr. clim.*, 1933, 44: 193-205. — **Bich, A.** Azione del fango termale sull'eliminazione cutanea e renale d'acido urico. *Gior. ital. derm. sif.*, 1931, 72: 759-826 bis. — **Darricau.** La galvanofangoterapia dans le traitement des arthrites et ostéo-arthrites goutteuses. *Presse therm. clim.*, 1933, 74: 713. — **Di Marco, I.** Vecchie e nuove concezioni sulla eziopatogenesi della gotta e sull'azione della cura di Fiuggi. *Riv. idr. clim.*, 1927, 48: 321-32. — **Duncan, J. W. T.** The use of natural acid baths in arthritis and gout. *Arch. M. Hydr.*, Lond., 1924, No. 4, 126. — **Frenkel, R., & Nesterowsky, I. M.** Zur Frage des K- und Ca-Gehalts im Blute bei Gichtkranken unter dem Einfluss der Limanprozeduren. *Zschr. ges. phys.*

Ther., 1927, 33: 95-8.—**García de Cosa, C.** El ácido úrico y las aguas minerales. Arch. med., Madr., 1930, 33: 111-3.
 Ideas actuales sobre la patogenia y tratamiento hidromineral de la gota. Siglo méd., 1930, 86: 228; passim.—**Gasparini, O.** La cura delle manifestazioni uriche e della calcolosi epatica e renale, per mezzo di acque acaliche. Med. Nuova, 1923, 14: 339-45.—**Gomma, F.** Le traitement des manifestations articulaires et tendineuses de la goutte à Aux-les-Thermes (Ariège). Rev. prat. mal. pays chauds, 1929, 9: 290-2.—**Gudzent.** Die Behandlung der Gicht in den Heilbädern. Veröff. Medverwalt., 1922, 16: 757-9.—**Huck, W. W.** Ueber den Einfluss von Limanprozeduren auf die Harnsäureausscheidung bei einigen Gichtformen. Zschr. ges. phys. Ther., 1926, 32: 67-73.—**Ilényi, A.** Ueber die Beeinflussung des Harnsäurestoffwechsels durch natürliches und künstliches Mineralwasser; tierexperimentelle Untersuchungen mit Friedrich Karl-Sprudel, Vibel. Balneologie, 1939, 6: 271-4.—**Lemierre, A., & Justin-Besançon, L.** La thérapeutique hydrominérale de la goutte. Presse therm. clim., 1935, 76: 747.—**Merklen, R.** La goutte articulaire atypique en médecine thermique. Paris méd., 1939, 111: 327-30.—**Nieder, von.** Die Bedeutung alkalisch-erdiger hypertonischer Wässer für die Behandlung der Gicht. Veröff. Medverwalt., 1922, 16: 764-72.—**Paillard, H.** Le traitement de la goutte à Vittel. Paris méd., 1935, 95: 365-8.—**Rouzaud, Schneider & Germes.** Traitement hydromineral de l'uricémie et de la goutte. Ibid., 1924, 53: 170-5.—**Sandoz, F.** Hydrothérapie et thermothérapie de la goutte. Arch. électr. méd., 1914, 24: 404-19.—**Schrotenbach, H.** Die Rolle der Hämone bei der Bekämpfung der uratischen Gicht. Wien. med. Wschr., 1932, 82: 957.—**Silvestri, S.** Diatesi precipitanti e cure di diuresi. Riv. idroclim., 1938, 49: 353-64.—**Stradiotti, G.** Contributo allo studio dell'azione terapeutica del fango termale nella gota. Idr. clim., 1908, 19: 418-34.—**Trambusti, A.** L'azione delle cure termali nell'artrismo. Rass. clin. sc., 1932, 10: 150-6.—**Vielle, P. L.** De l'action de différentes eaux minérales sur l'uricémie. Rapp. Congr. internat. rhumat. (1932) 1934, 3. Congr., 505-8.—**Traitement hydromineral de la goutte sthénique.** Gaz. méd. France, 1935, 42: therm. No. 7, 34-6.—**Wehsarg, F.** Beitrag zur Behandlung der Arthritis urica im Thermalbadeort. Münch. med. Wschr., 1932, 79: 833-5.—**Weisz, E.** Was folgt aus der Pathologie der Gicht für die Praxis. Zschr. wiss. Bäderk., 1928-29, 3: 559.—**Zimmermann, O.** Zur Klinik, Diät- und Balneotherapie der echten Gicht. Wien. klin. Wschr., 1939, 52: 298.

— Treatment: Dietetics, and hygiene.

POLAK, C. *Du régime alimentaire des gouteux. 46p. 8°. Par., 1934.

WEISSENBAACH, R. J. E., & FRANÇON, F. Hygiène des gouteux et des rhumatisants. 118p. 12°. Par., 1932.

Arena, G. Considerazioni sull'acido urico urotropo ed enterotropo e cenni di dietetica dei gottosi. Riforma med., 1926, 42: 865-7.—**Argentero, A., & Ratti, M.** L'acido ascorbico nel trattamento della gota e di altre artropatie croniche con crisi intermittenti. Policlinico, 1938, 45: sez. prat., 2293-9.—**Bartels, E. C.** The treatment of gout with a low-fat high-carbohydrate diet; preliminary report. N. England J. M., 1939, 220: 583-6. Also repr.—**Basile.** Sull'uso della carne agli ammalati di acido urico. Gazz. med. Roma, 1933, 59: 9-18.—**Bouloumié, P.** Hygiène alimentaire des arthritiques. J. physiothér., Par., 1908, 6: 285-93.—**Casolo, G.** Valore della dietoterapia nella gota. Arch. ital. mal. app. diger., 1931-32, 1: 446-56.—**Christman, A. A., & Mosier, E. C.** Purine metabolism; the effect of the ingestion of glycine on the excretion of endogenous uric acid. J. Biol. Chem., 1929, 83: 11-9.—**Coste, F., Grigaut, A., & Lamotte, M.** Le régime apurinique dans la goutte. Monde méd., 1939, 49: 521-34.—**Gilbert-Dreyfus & Vielle, P. L.** Les régimes des gouteux. Bull. gén. théor., 1936, 187: 85-91. Also Presse therm. clim., 1937, 78: 5-9.—**Hecht.** Die Behandlung der Gicht. Aerztl. Rdsch., 1927, 37: 251.—**Laroche, G.** Diététique et hygiène de la goutte. Bruxelles méd., 1934-35, 15: 1447.—**Le Gendre, P.** La goutte et le traitement diététique des gouteux. J. diét., Par., 1911, 2: 1-10.—**Lockie, L. M., & Hubbard, R. S.** Gout; changes in symptoms and purine metabolism produced by high fat diets in 4 gouty patients. J. Am. M. Ass., 1935, 104: 2072-5. Further observations of the use of a high fat diet in gouty arthritis. Ibid., 1939, 113: 1064.—**Loeper & Lemaire.** Les troubles des échanges nutritifs chez les gouteux. Bruxelles méd., 1934-35, 15: 1425.—**Mélik, J.** [Elimination of uric acid in purine free diet; the influence of intensive function of the sweat-glands on the output of uric acid and phosphates]. Bratisl. lek. listy, 1928, 8: 426-50.—**Harnsäureausscheidung bei sehr purinreicher Ernährungsweise.** Arch. ges. Physiol., 1933, 232: 61-5.—**Porrazzo, F.** Uricemia ed uricuria sotto trattamento con acido ascorbico. Rass. med. sarda, 1938, 40: 391-4.—**W.** Der Purinstoffwechsel bei Gicht und seine Beeinflussung durch Vitamin B. Schweiz. med. Wschr., 1939, 69: 652.—**Weil, M. P.** Le régime alimentaire des gouteux. Monde méd., 1927, 37: 616-21.

— Treatment: Pharmacotherapy.

See also names of drugs as Cincophen; Colchicum, &c.

BRUHIN, C. Neue Behandlung von Gicht, Rheumatismus, Neuralgien, Migräne und Arteriosclerose mit Porly. 16p. 8°. Olten [1920]

CATTANEO, C. Upon the specific remedy for the gout. 16p. 26cm. Vicenza, 1850.

MERKER, H. *Salicylsäure und Harnsäureausscheidung. 22p. 8°. Greifsw., 1933.

MÜLLER, G. *Ueber Versuche zur Behandlung der Gicht mit Pyrifur. 15p. 6 ch. 22cm. Königsb., 1936.

Adler, O. Opolen, ein neues Antarthriticum und Analgeticum. Münch. med. Wschr., 1930, 77: 1445.—**Aresu, M.** Acido ascorbico ed acido fenilchinolinicarbonico nel trattamento della gota. Rass. clin. sc., 1937, 15: 459-64.—**Boulin.** Le colchique et la goutte. Progr. méd., Par., 1939, 585-8.—**Bueri, P.** L'acido timinico naturale e quello sintetico, o urodialina nella gota e negli stati uricemici. Riforma med., 1923, 39: 220.—**Cawadias, A. P.** Le traitement médicamenteux de la goutte. Bruxelles méd., 1934-35, 15: 1448.—**Critzman, D.** Les médicaments du gouteux. Hôpital, 1931, 19: 135-7.—**Ebstein, E.** Zur Behandlung offener Gicht mit Piperazinfösung. Deut. med. Wschr., 1929, 55: 1674.—**Evans, G., & Spence, A. W.** Phenyl-cinchonic acid (cinchophen) in the treatment of gout. Lancet, Lond., 1929, 1: 704-8.—**Fabrication et vente des pilules antigoutteuses du docteur Laville.** J. chim. méd., Par., 1869, 5, ser., 5: 68-70.—**Flurin, H.** Les manifestations respiratoires de la goutte et le traitement sulfuré. Rev. méd. fr., 1939, 20: 171-3.—**Goldberger, J.** Die Behandlung der Gicht und der uratischen Steinkrankheit durch Verabreichung von überschüssigen Basen. Zschr. Urol., 1929, 23: 343-52.—**Graham, G.** Case of gout treated with phenoin for 6 years. Tr. M. Soc. London, 1925-26, 49: 51.—**Grigorescu, I. I.** [Treatment of gout with gold salts]. Spitalul, 1939, 59: 16-9.—**Grimaud de Caux, G.** Remède contre la goutte. Gaz. san., Par., 1833, 1: 76.—**Grossmann, M.** Kritisches zur Gichttherapie. Zbl. inn. Med., 1930, 51: 209-12.—**Jennings, G. H.** The value of sodium salicylate in the treatment of gout. In Rep. Chron. Rheum. Dis. (Buckley, C. W.) Lond., 1937, 3: 106-15.—**Koopman, J.** [Percutaneous application of atophan in gout]. Geneesk. gids, 1929, 7: 885-90.—**Leclerc, H., & Decaux, F.** L'orthosiphon stamineus dans le traitement de la goutte et des manifestations de la diathèse gouteuse. Gaz. méd. France, 1940, 47: 47-52.—**Lurje, H. S.** Klinische Beobachtungen über die Wirkung von Atophanyl bei Gicht. Arch. Verdauungskr., 1928, 42: 118-25.—**Mahlo, A.** Die Behandlung der Gicht mit Einspritzungen von 1%iger Harnsäurelösung. Med. Klin., Berl., 1926, 22: 379.—**Martinez Diaz.** Gota y folliculita. Med. ibera, 1936, 30: 416.—**Minibek, H.** Zur Frage der Ausscheidung der Harnsäure bei übermässiger Ernährung, Piperazintherapie. Münch. med. Wschr., 1938, 85: 1817.—**Papier antigoutteux.** J. chim. méd., Par., 1867, 5, ser., 3: 572.—**Savigny.** Comment faut-il envisager, à l'heure actuelle, le traitement médicamenteux de l'arthritisme? Bull. méd., Par., 1929, 43: 645.—**Spitz, L.** Ueber die Einwirkung kombinierter Atophan-Thyreoidindarreichung auf den Harnsäurehaushalt. Ther. Gegenwärt, 1926, 67: 401.—**Straube, W.** Medikamentöse Behandlung der Gicht. Med. Klin., Berl., 1929, 25: 1215.—**Szántó, P.** Perkutanbehandlung der gichtischen Erkrankungen. Med. Welt, 1928, 2: 1782.—**Vorhaus, M. G., & Kramer, M. L.** Studies on thiamin chloride in gout. Tr. Am. Ther. Soc., 1938, 38: 109-15. Also Acta rheumat., Rotterdam, 1938, 10: No. 39, 8-12.—**Weil, M. P.** Le traitement interne et médicamenteux de la goutte. Sem. hôp. Paris, 1926, 3: 275-7.—**Witowski.** Homoeopathic remedies in rheumatic gout. Pacific Coast J. Homoeop., 1935, 46: 43-51.—**Wolf, W.** Uricedin bei Gicht. Deut. Aerzte Ztg., 1932, 7: No. 297.—**Zickgraf, G.** Cannabis als Gichtmittel. Aerztl. Rdsch., 1929, 39: 166.

— Treatment: Physiotherapy.

EILBAUM, M. *Contribution à l'étude du traitement de la goutte et du rhumatisme chronique par la radium à faibles doses. 52p. 8°. Par., 1934.

Boigey, M. Traitement des arthritiques par le réentrainement physique. Paris méd., 1926, 61: 499-504.—**Boner.** L'émanothérapie dans la goutte. Arch. électr. méd., 1929, 37: 459-61.—**Emanothérapie et arthritisme.** Ibid., 1931, 39: 325-32.—**Calthrop, L. C. E.** The treatment of gout by physical methods. Brit. J. Phys. M., 1931, 6: 203, 231.—**Cuzet, J., & Chevalier.** Technique du traitement du rhumatisme gouteux par les inhalations de Thoron. Arch. électr. méd., 1927, 37: 17. Also J. radiol. électr., 1927, 11: 64.—**Cuzet, Piery [et al.]** Variation de la cholestérinémie et de l'excrétion urique chez un gouteux soumis à des cures successives d'émanation du thorium (thoron). Presse méd., 1926, 34: 161.—**Cugnoli, G.** La diatermia nella cura dei postumi della gota acuta. Rinasce, med., 1930, 7: 64.—**Escudero, P. A.** Acción de las sales de radio en el tratamiento de la gota. Sem. méd., B. Air., 1935, 42: pt. 2, 656.—**Hecht Johansen, A.** [Treatment of gouty affections especially by short-wave current]. Ugeskr. laeger, 1939, 101: 291-8.—**Libotte.** Haute fréquence et goutte. Arch. électr. méd., 1914, 24: 596-9.—**Nuyten.** L'électrothérapie dans la goutte.

Ibid., 393-403.—**Ray, M. B.** The physical treatment of gout. Brit. J. Phys. M., 1935-36, 10: 170-2.—**Sachs, R.** Zur Behandlung chronischer Gichtkzeme, von Erfrierungen und Angiospasmen der Extremitäten mit Wärme. Med. Klin., Berl., 1932, 28: 865

— Uric acid.

See also subheadings (Metabolism; Tophus) also **Blood chemistry, Uric acid; Uric acid.**

GRACIANSKY, P. DE. *Recherches sur l'acide urique dans la goutte. 115p. 24cm. Par., 1938.

MEYEROWITZ, K. *Stand der Blut- und Gewebsharnsäure bei der Gicht. 52p. 8° Berl., 1931.

Benczur, G. Zur Frage der Harnsäure als Komponenten andersartiger Arthralgien und Myalgien. Zschr. wiss. Bäderk., 1928-29, 3: 1039-42.—**Bonizzi, A.** Contributo allo studio clinico e sperimentale della eliminazione dell'acido urico nelle artriti gottose e in varie artropatie croniche. Arch. stud. fisiopat. ricambio, 1933, 1: 255-302.—**Coste, F., & Grigaut, A.** A propos de l'uricémie goutteuse. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 1480-2.—**Engel, R.** [Disorders of the uric acid metabolism] Orvosképzés, 1935, 25: 771-80.—**Fiessinger, N.** Le métabolisme de l'acide urique et la goutte. Rev. gén. clin. théor., 1934, 48: 113-9.—**Fortunato, A.** Contributo spirituale alla fisiopatologia dell'acido urico enterotropico. Rinasc. med., 1925, 2: 554-6. ——— Concetti recenti sulla uricemia e sulla gotta. Gazz. internaz. med. chir., 1926, 31: 19, 51.—**Françon, F.** Recherches sur la valeur diagnostique des dosages d'acide urique dans le sang au cours de la goutte chronique tophacée, du rhumatisme goutteux et du rhumatisme chronique non goutteux. Sang, Par., 1929, 3: 398-425. ——— Nouvelles recherches sur la teneur du sang en acide urique dans la goutte tophacée chronique et les rhumatismes chroniques goutteux et non goutteux. Ibid., 1930, 4: 284; 1931, 5: 340.—**Jacobson, B. M.** The uric acid in the serum of gouty and of non-gouty individuals: its determination by Folin's recent method and its significance in the diagnosis of gout. Ann. Int. M., 1937-38, 11: 1277-95, tab. Also In J. H. Pratt Anniv. Vol., 1937, 605-23, ch.—**Labbé, M., Violle, P. L., & Nepveux, F.** Goutte et hyperuricémie. Presse méd., 1936, 44: 1201-3.—**La Franca, S.** L'absorption de l'acide urique par les tissus est-elle réversible? Arch. internat. physiol., Liège, 1924, 23: 49-53.—**Lamotte, M.** Recherches sur l'excrétion des composés uratiques chez les goutteux. Rev. rhumat., Par., 1940, 7: 155-77.—**Lucke, H.** Die Rolle der Harnsäure bei der Gicht Deut. med. Wschr., 1934, 60: 1783-6.—**Pommer, G.** Ueber das Vorkommen einer Harnsalzabart in Knochenmark- und Gelenkgherthen. Beitr. path. Anat., 1935, 95: 92-162.—**Rathery, F., & Violle, P. L.** Recherches sur l'acide urique et le calcium particulièrement au cours de divers états goutteux rhumatismaux. Presse méd., 1928, 36: 1073-5.—**Smelianski.** Différentes voies d'élimination de l'acide urique chez les goutteux. Presse therm. clim., 1935, 76: 740.—**Smorodintsev, I. A.** [Uric acid and gout] Klin. med., Moskva, 1929, 7: 1684-99.—**Usseglio, G.** Acido urico e gotta. Gazz. osp., 1929, 50: 841-4.—**Violle, P. L.** Uricémie, uricémie et uricémie chez les goutteux. Médecine, Par., 1927-28, 9: 778-85. ——— Du mécanisme de l'uricémie goutteuse. Presse méd., 1928, 36: 164. ——— L'évolution de l'uricémie chez les goutteux. Rev. rhumat., Par., 1935, 2: 305-23.—**Vollmond, E.** [Uric acid in gout; with tabulations] Hospitalstidende, 1927, 70: 173-86.—**Weintraut, M.** Bedeutung der Harnsäure-Bestimmung im Urin, besonders bei Gicht, verwandten Erkrankungen und harnsaurer Diathese. Arch. Pharm., Berl., 1924, 262: 48-52.

— Uropoietic system.

Abrami, P., & Lichtwitz, A. Le rein goutteux. Presse therm. clim., 1935, 76: 720. Also Progr. méd., Par., 1935, 1617.—**Battistini, S., Pescarmona, M., & Robecchi, A.** Ricerche sulla funzionalità renale nei gottos. Minerva med., Tor., 1935, 26: pt 2, 240-2.—**Coombs, E. S., Pecora, L. J.** [et al.] Renal function in patients with gout. J. Clin. Invest., 1940, 19: 525-35.—**Dubnova, B. A., & Itzikson, I. A.** [The excretion of uric acid by a diseased kidney] Klin. med., Moskva, 1928, 6: No. 14, 935-41.—**Etienne, G., & Verain, M.** Le fonctionnement rénal dans l'hyperuricémie. C. rend. Congr. fr. méd., 1922, 16. sess., 202-7.—**Fahr, T.** Zur Frage der Gichtnieren. Zbl. allg. Path., 1933, 57: 49-51.—**Garcin, R.** Le rein goutteux. Progr. méd., Par., 1939, 588-98.—**Gottlieb, E.** Ueber die Nierenfunktion bei Gichtkranken. Acta med. scand., 1930, 73: 224-36. Also Hospitalstidende, 1930, 73: 259-68.—**Manizade, M. D.** Ueber einen Fall von exzessiver Gicht mit besonderer Berücksichtigung der Nierenveränderungen. Wien. Arch. inn. Med., 1935, 27: 301-18.—**Merklen.** Les reins dans l'arthritisme. J. méd. fr., 1927, 16: 175-80.—**Schnitker, M. A., & Richter, A. B.** Nephritis in gout. Am. J. M. Sc., 1936, 192: 241-52.—**Violle, P. L.** La lithiase urinaire des goutteux. Gazz. méd. France, 1936, 43: 219.

— in animals.

See also **Gout, experimental.**

Hansen, C. H. Experimentelle Untersuchungen über Harnsäurediathese bei Hühnern mit Rücksicht auf die Ätiologie und Therapie. Deut. tierärztl. Wschr., 1923, 31: 402-5.—

László, F. Milz- und Herzgicht beim Geflügel. Ibid., 1936, 44: 358.—**Schlotthauer, C. F., & Bollman, J. L.** Spontaneous gout in turkeys. J. Am. Vet. M. Ass., 1934, 85: 98-103.

GOUTALLIER, Maurice Paul, 1903—

*Contribution à l'étude des métrorragies après la ménopause sous la dépendance de lésions annexielles. 50p. 8° Par., A. Legrand, 1931.

GOUTAREL, Robert, 1909— *Recherches sur la constitution et l'activité pharmacodynamique des alcaloïdes du Pseudocinchona africana, Aug. Chev. 68p. 24cm. Par., Jouve, 1939.

GOUTTENEGRE, Jean, 1907— *Notions actuelles sur la pathogénie et le traitement de l'infarctus intestinal. 61p. pl. 25cm. Bord., E. Drouillard, 1938.

GOUVENOT, Paul, 1893— *Contribution à l'étude d'un type de déformations progressives des extrémités au cours des syndromes parkinsoniens. 75p. 8° Par., Exp. sc. française, 1926.

GOVERNAIRE, Georges, 1901— *De traitement de la tuberculose pulmonaire par l'acide arsénieux. 38p. 8° Par., L. Arnette, 1925.

GOVERNE, Georges, 1902— *Contribution à l'étude des méningites à entérocoques. 64p. 8° Par., M. Vigné, 1934.

GOUX, René Louis, 1906— *Contribution à l'étude du traitement chirurgical du mal de Pott par les greffes ostéo-périostiques. 72p. 8° Par., Masson & cie, 1932.

GOUY, André, 1895— L'intervention du glycogène dans les oxydations biologiques. 45p. 8° Par., A. Legrand, 1930.

GOUYEN, Jean, 1902— *Recherches cliniques sur la tuberculose du péricarde; participation du myocarde et traitement. 180p. 8° Par., A. Legrand, 1932.

GOUZE, Jacques, 1909— *L'auto-ourotérapie; traitement du rhume des foins. 31p. 8° Par., Jouve & cie, 1934.

GOUZONNAT, Claude, 1898— *Contribution à l'étude de la grippe pulmonaire chez le nourrisson. 58p. 8° Par., Libr. Le François, 1933.

GOUZONNAT, Joseph, 1906— *Les ostéomes traumatiques paracondyliens internes du fémur (maladie de Köhler-Pellegrini-Stiéda) 83p. pl. 8° Par., Le François, 1931.

GOVAERTS, Paul. Le fonctionnement du rein malade; diurèse, albuminurie, oedème, glycosurie, classification des néphropathies. 214p. 8° Par., Masson & cie, 1936.

See also **Labbé, Marcel, Govaerts, Paul** [et al.] Les oedèmes; état actuel de la question. 99p. 8° Par., 1931.

GOVCHIEV, Moché, 1900— *Le soleil, facteur antirachitique, dans les différentes régions de Palestine. 52p. 23cm. Par., Jel, 1938.

GOVEA-PENA, Juan, 1906— *Le professeur J. Albarran et son œuvre. 43p. 8° Par., Ed. Véga, 1933.

GOVER, Mary. Mortality among southern Negroes since 1920, with comparative data for southern Whites and northern Negroes. ii, 52p. 8° Wash., D. C., 1937.

Forms No. 235, Pub. Health Bull.

— Cancer mortality in the United States; trend of recorded cancer mortality in the death registration states of 1900, from 1900 to 1935. vi, 58p. 8° Wash., 1939.

Forms No. 248, Pub. Health Bull.

— The same. Recorded cancer mortality in geographic sections of the death registration states of 1920, from 1920 to 1935. vi, 74p. 8° Wash., 1940.

Forms No. 252, Pub. Health Bull.

— The same. Geographic variation in recorded cancer mortality for detailed sites, for an average of the years 1930-32. 81p. 23cm. Wash., 1940.

Forms No. 257, Pub. Health Bull.

GOVERNMENT.

See also **Civilization; Communism; Law; Leadership; Nationalism; Politician; Sociology.**

SCHMECKEBIER, L. F. Government publications and their use. 2. rev. ed. 479p. 21½cm. Wash., 1939.

SILVANIA, H. *Responsibility of states for acts of unsuccessful insurgent governments [Columbia] 225p. 22cm. N. Y., 1939.

Cook, O. F., & Cook, R. C. Biology and government; further discussion of Alleyne Ireland's article on democracy and the accepted facts of heredity. J. Hered., 1919, 10: 250-3.—Curti, M. Reformers consider the Constitution. Am. J. Sociol., 1937-38, 43: 878-93.—Ray, J. La Révolution Française et la pensée juridique; l'idée du règne de la loi. Rev. philos. France, 1939, 64: 364-93.

GOVERNMENT employee.

See under **Employee.**

GOW, A[lexander] E[dward] 1884—

See Horder, Thomas, & Gow, A. E. The essentials of medical diagnosis [&c.] 682p. 12° Lond., 1928.

GOW, Charles Rice, 1872— Elements of human engineering; edited by F. Alexander Magoun. xiii, 169p. 20½cm. N. Y., Macmillan Co., 1932.

GOW, D. B., & HOOVER, O. H. Surface water supply of Canada. 2 p. l. 294p. 8° Ottawa, 1937.

Forms No. 75, Water Res. Papers Canada Dep. Mines.

GOWANDA State Homeopathic Hospital.

See Helmuth, N. Y.

GOWER, W. C. A new trematode from the loon, *Gavia immer*, and its relationship to *Haematotrophus fodiens* Linton, 1928. p.139-43. 8° Wash., 1939.

Forms No. 3071, v.87, Proc. U. S. Nat. Mus.

GOWERS' fasciculus.

See under **Spinal cord.**

GOY, Erich [Karl Anselm] 1903— *Ueber das Tubencarcinom. 32p. 8° Münch. [n. pub.] 1929.

GOY, Jean, 1902— *La fièvre ondulante dans l'ain. 95p. 8° Lyon, Bosc frères, 1935.

GOYA y Lucientes, Francisco, 1741-1829.

Reitmann, F. Goya; a medical study. Character & Personality, 1939-40, 8: 1-17, 6 pl.

GOYER, Robert Louis, 1907— *Technique de gastrectomie pour ulcère avec anastomose bout à bout gastro-duodénale. 88p. 8° Par., L. Arnette, 1937.

GOYOAGA Palacios, Francisco. *La cenotropina y su uso en dentística [Chile] 23p. 6 diagr. 8° Santiago [n. pub.] 1931.

GOZLAN, William Marc, 1901—

*Dosage et variations de la trypsine dans le suc duodénal prélevé par tubage, à l'état normal et pathologique. 100p. 8° Par., A. Legrand, 1926.

GOZONY, Lajos. Vaccina- és serumtherapia [Vaccino- and serumtherapy] 31p. 8° Budap., Petöfi, 1932.

Forms No. 30, Gyak. orv. könyvt.

GRAAB, Johanna, 1911— *Speichelsteine. 21p. 22½cm. Heidelb., H. Fahrner, 1936.

GRAACK, Edith, 1909— *Zur Therapie der Lunatum-Malacie (Kienboeck) [Berlin] 19p. pl. 21cm. Gütersloh, Thiele, 1936.

GRAAF, J. A. de, 1870-1927.

Siebelink, E. A. [Obituary] Tsch. diergeneesk., 1927, 54: 593.

GRAAF, Regnier de, 1641-73.

Catchpole, H. R. Regnier de Graaf, 1641-73; life and works. Bull. Hist. M., 1940, 8: 1261-300, 2 portr., 6 facs.

GRAAFF, Johannes Adrianus de, 1856—

Wilde, P. A. de [Biography] Ned. tschr. geneesk., 1931, 75: 6040.

GRAAFF, Willem Cornelis de, 1877—

De biochemische eigenschappen der paratyphus-bacillen. 133p. 8° Leiden, S. C. van Doesburgh, 1918.

Also editor of *Antonie van Leeuwenhoek*, Leiden, v.1-5, 1934-39. Also *Nederlandsch Tijdschrift voor Hygiène, Microbiologie en Serologie*. Leiden, v.2-8, 1927-34.

GRAAFIAN follicle.

See **Follicle.**

GRAAZ, Hans. Die Wechseljahre bei Mann und Frau. 64p. 8° Berl., Falken [1937]

— Gesundheitspflege der Frau. 78p. illust. 8° Berl., Falken Verl. [1937]

GRAB, Werner, 1903— *Untersuchung über den respiratorischen Stoffwechsel des Menschen bei Muskularbeit unter Wirkung von Histamin [Freiburg i. B.] p.360-82. 8° Berl., J. Springer, 1928.

Also Zschr. ges. exp. Med., 1928, 63:

GRABARS, Oskar, 1911— *Die Toleranzgrenze der Diathermie bei der Wurzelbehandlung [Breslau] 27p. 8° Lengerich, 1936.

GRABBE [Alfred] Willi, 1902— *Kann eine freigelegte Pulpa ausheilen? 32p. 8° Berl., Rosenthal & Co., 1926.

GRABBE, Christian D., 1801-36.

Bergmann, A. War Grabbe syphilitisch? Zschr. Sexwiss., 1931-32, 18: 507-21.

GRABER, Gustav Hans. Die Ambivalenz des Kindes. 2 p. l. 119p. 8° Lpz., Internat. psychoanal. Verl., 1924.

Imago-Bücher VI.

— Psychoanalyse und Heilung eines nachwandelnden Knaben. 67p. 8° Baden-Baden, Merlin [1931]

GRABER, Karl, 1911— *Beitrag zur Histopathologie des primären Lungenkrebses [München] 32p. 21cm. Speyer, Pilger, 1938.

GRABER, Max. *Contribution à l'étude des ruptures d'anévrysmes de l'aorte; hémorragies itératives et survie prolongée [Genève] 27p. 2 pl. 8° Peseux, F. Albarin, 1925.

GRABER-DUVERNAY, Marie Thérèse, 1907— *Arthrites chroniques sacro-iliaques non tuberculeuses. 140p. 8° Lyon, A. Rey, 1936.

GRABERT, Helmuth, 1897— *Tuberkulose dreier Sinnesorgane und der Wirbelsäule am selben Kranken. 28p. 8° Berl., R. Pfau, 1934.

GRABHAM, Michael Comport, 1839-1934.

Obituary. Lancet, Lond., 1935, 1: 297.

GRABLI, Marcel, 1904— *Recherches sur le rhumatisme gonococcique; allergie et protéinothérapie. 70p. 8° Par., Le François, 1931.

GRABNER, Georg, 1900— *Ueber Kropffisteln (Auszug) 8p. 8° Lpz. [Radelli & Hille] 1924.

GRABOSCH, Paul, 1909— *Zur Klinik des branchiogenen Karzinoms. 39p. 20½cm. Königsb., J. Raabe, 1935.

GRABOW, Hildegard, 1908— *Untersuchungen über die Beziehungen zwischen Störungen des Kalkstoffwechsels und Schichtstar [Kiel] 23p. 23cm. Eilsfeld, C. Beck, 1937.

GRABOWSKI, Ludwig, 1906— *Beiträge zu den seltenen congenitalen Missbildungen der Niere [Münster] 24p. 8° Düsseld., G. H. Nolte, 1934.

GRABOWSKY, Otto, 1910— *Optische und kalorische Untersuchungen am System Alkohol + Aldehyd-Halbacetal [Kiel] 33p. 8°. 1pz., Frommhold & Wendler, 1935.

GRABOWY, Rudolf, 1908— *Ein Fall von geheilter Landry'scher Paralyse [Berlin] 48p. 8°. Bottrop, W. Postberg, 1935.

GRABY, Ilse. Die Opium- und Morphinanwendung in der Kinderheilkunde. 3 p. 1. 50p. incl. tab. 22cm. Düsseldorf, G. H. Nolte, 1939.

Forms H. 13, Düsseldorf Arb. Gesch. Med. (Haberling)

GRAC, Maximilian. *Ueber einige seltene Missbildungen der inneren weiblichen Geschlechtsorgane mit besonderer Berücksichtigung der Spontanamputation der Adnexe [Basel] 32p. 8°. Strass. [n. pub.] 1926.

GRACE, Arthur William, & GRACE, Feiga Berman. Researches in British Guiana, 1926-28, on the bacterial complications of filariasis and the endemic nephritis; with a chapter on epidemic abscess and cellulitis in St Kitts, British West Indies. p. l. iii-viii, 75p. illust. ch. 8°. Lond., London School Hyg. & Trop. Med., 1931.

Forms No. 3, Mem. ser. London School Hyg. and Trop. Med.

GRACE, Edwin Joseph, 1894— The doctor looks at skiing. 63p. 17cm. N. Y., J. F. Winters [1939]

GRACE, Feiga Berman.

See **Grace, A. W., & Grace, Feiga Berman**. Researches in British Guiana, 1926-28. 75p. 8°. Lond., 1931.

GRACE, Nicholas Thomas, 1906-39.

N., H. A. Obituary. Brooklyn Hosp. J., 1940, 2: 3.

GRACE.

See also **Beauty; Dancing; Esthetics; Exercise; Gymnastics; Movement**.

MENSENDIECK, P. M. Annuit der Bewegung im täglichen Leben. 176p. 8°. Münch. [1929]

Turnau, H. Ueber das Lachen und die Grazie. Zschr. Menschenk., 1933-34, 9: H. 6, 46; 1934-35, 10: 46.

GRACIAN y Morales, Baltasar, 1601-1658. A truth-telling manual and the art of worldly wisdom, being a collection of the aphorisms which appear in the works of Baltasar Gracian, immediately transl. for the understanding from a 1653 Spanish text, by Martin Fischer. 305p. facs. 18°. Springf., C. C. Thomas [1934]

See also **Brühl, M.** Aus der Psychologie des Handorakels der Weltklugheit von Baltasar Gracian; ein Beitrag zur Lebenspsychologie. Arch. ges. Psychol., 1926, 56: 55-94.

GRACIANSKY, Pierre de, 1909— *Recherches sur l'acide urique dans la goutte. 115p. 24cm. Par., L. Cario, 1938.

GRADELER, Jean, 1913— *La mélanodermie brightique. 43p. 8°. Lyon, Bosc frères, 1937.

GRADENIGO, Giuseppe, 1859-1926.

Bilancioni, G. Necrologio. Pathologica, Genova, 1926, 18: 228.—**Bruzzi**. Necrologio. Arch. ital. otol., 1926, 37: 111-7. portr.—**Buys**. Néerologie. Ann. mal. oreille, 1926, 45: 537-40.—**Calamida, U.** Saggio bibliografico delle pubblicazioni scientifiche. Arch. ital. otol., 1930, 41: 41-75.—**G. G.** Néerologie. Arch. internat. laryng., Par., 1926, 32: 641-4.—**Gargiulo, E.** Necrologio. Ann. med. nav., Roma, 1926, 1: 265-8.—**Jacono, I.** Necrologio. Riv. pat. sper., 1926, 1: 232.—**Necrologio**. Arch. ottalm., 1926, 33: 145.—**Pinaroli, G., Pivano, S.** [et al.] [Biography] Arch. ital. otol., 1930, 41: 5-40.—**S. F.** Necrolog. Schweiz. med. Wschr., 1927, 57: 527.—**Torrigiani, C. A.** Necrolog. Acta otolar., Stockh. 1926, 9: 401-3, portr.

GRADENIGO'S syndrome.

See also **Abducent nerve, Paralysis; Otol-mastoiditis; Petrositis**.

DESHORS, J. *Contribution à l'étude des paralysies du moteur oculaire externe au cours des otites aiguës. 38p. 8°. Par., 1923.

Archer, P. Gradenigo syndrome. Texas J. M., 1927-28, 23: 666-8.—**Baldauf, L. K.** Gradenigo's syndrome; report of a case. Am. Med., 1925, n. ser., 20: 491.—**Ballin, M. J.** The Gradenigo symptom complex. Med. Rec., N. Y., 1936, 143: 411-4.—**Bilancioni, G.** Sopra un caso di sindrome di Gradenigo di origine traumatica (contributo allo studio della patogenesi della paralisi dell'abducente d'origine otica) Rass. internaz. clin. ter., 1927, 8: 667-79.—**Bisi, H.** Syndrome de Gradenigo. Rev. As. méd. argent., 1924, 37: Soc. otorinol., 65-75; 89.—**Bourgeois, H.** La paralysie du VI^e au cours des otites et mastoïdites. Progr. méd., Par., 1937, 58-64.—**Brown, C. J.** Gradenigo's syndrome; a case of probable petrosal tip suppuration. U. S. Nav. M. Bull., 1931, 29: 651-6.—**Bulson, E. L.** Petrositis and a consideration of Gradenigo's syndrome; report of 2 cases in which Gradenigo's syndrome occurred. Tr. Indiana Acad. Ophth. Otol., 1934, 84-100.—**Chamberlin, W. B.** The Gradenigo symptom complex. Atlantic M. J., 1923-24, 27: 566-73.—**Crow, D. A.** A diagrammatic presentation of a noteworthy case of Gradenigo's syndrome. J. Lar. Otol., Lond., 1928, 43: 42, ch.—**Dupuy, H.** Sixth nerve paralysis in acute otitis media and its complications. South. M. J., 1924, 17: 213-8.—**Estcourt, H. G.** Gradenigo's syndrome. Proc. R. Soc. M., Lond., 1925-26, 19: Sect. Otol., 29-31. Also J. Lar. Otol., Lond., 1926, 41: 499-509.—**Eura, S.** Zwei Fälle von otogener Abduzenslähmung [Japanese text] Zschr. Otorhinol., Tokyo, 1923-24, 29: H. 2, 13-29.—**Felderman, L.** Sub-antrum mastoiditis with Gradenigo syndrome. Eye Ear & Month., 1926-27, 5: 386-8.—**Festal, J., & Girard, L.** Mastoïdite latente avec paralysie du moteur oculaire externe (syndrome de Gradenigo) Bull. Soc. pédiat. Paris, 1927, 25: 439-41.—**Fine, A.** Oculomotor nerve spasm in Gradenigo's syndrome. Arch. Otol., Chic., 1935, 21: 142-6.—**Franchini, Y., & Riccietti, E.** Consideraciones sobre un caso de síndrome de Gradenigo, curado sin intervención quirúrgica. Rev. As. méd. argent., 1935, 49: 332-36.—**Games, F., Tato, J. M., & Agra, A.** Síndrome de Gradenigo provocado por un absceso apical; operación de Ramadier. Ibid., 51-6.—**Gardiner, W. T.** Acute middle-ear suppuration (left) the Gradenigo syndrome; operation; recovery. J. Lar. Otol., Lond., 1926, 41: 522-4, pl.—**Giussani, M.** Síndrome dell'abducente (Gradenigo) Valsalva, 1927, 3: 508-14.—**Gradenigo, G.** Sulla sindrome dell'apice della rocca petrosa (síndrome Gradenigo) Riv. otoneur., 1925, 2: 158-60.—**Hutchinson, K.** Gradenigo's syndrome with a case report. J. Lar. Otol., Lond., 1932, 47: 679-82, pl.—**Inferreira, A.** Contributo clinico radiográfico alla patogenesi della paralisi del VI di origine otica. Arch. ital. otol., 1933, 44: 338-44.—**Kelson, W. H.** Paralysis of the 6th cranial nerve in a patient suffering from chronic otorrhea. Proc. R. Soc. M., Lond., 1923-24, 17: Sect. Otol., 82.—**Lannois, M.** Sur la paralysie du moteur oculaire externe d'origine otique. Lyon méd., 1926, 138: 615-23.—**Loepp, W.** Röntgenologische Betrachtungen über die Veränderungen an der Pyramiden spitze beim Gradenigo-Komplex. Fortsch. Röntgenstrahl., 1936, 54: 604-7.—**López Andrade, I. J.** Síndrome de Gradenigo; operación; curación; comentarios sobre dos casos. Rev. As. méd. argent., 1940, 54: 302-4.—**Lucchetti, V. F.** On the paralysis of the abductors of otic origin. California J. M., 1911, 9: 48.—**Martin, G. E.** Acute suppurative otitis media (left) the Gradenigo syndrome; acute lepto-meningitis; death. J. Lar. Otol., Lond., 1926, 41: 525.—**Mitchell, E. K., & Silverstein, A.** Gradenigo syndrome and suppuration of cerebral ventricles as complications of acute suppurative otitis media (report of case with autopsy findings) Laryngoscope, 1935, 45: 214-26.—**Papale, R.** Considerazioni sulla patogenesi della sindrome di Gradenigo. Riv. otoneur., 1927, 4: 32-6.—**Podestà, E.** Per la sindrome di Gradenigo. Ann. laring., Tor., 1928, 29: 65-74.—**Profant, H. J.** Gradenigo's syndrome, with a consideration of petrositis. Arch. Otol., Chic., 1931, 13: 347-78. Also repr.—**Rejtő, S.** [Paralysis of the abductors nerve from acute otitis media] Budapesti orv. ujs., 1933, 31: 585-7.—**Russi, P.** Le nevralgie facciali nella sindrome di Gradenigo; ricordi sulla patogenesi di questa complicanza otica. Arch. ital. otol., 1927, 38: 395-405.—**Sears, W. H.** Otogenic paralysis of the abductors, with especial mention of isolated palsy associated with irritation of the Gasserian ganglion. Ann. Otol. Rhinol., 1926-27, 35: 348-422, 6 pl.—The Gradenigo syndrome, with the report of 3 cases. Laryngoscope, 1927, 37: 32-44.—**Stark, W. B.** Gradenigo's syndrome. Minnesota M., 1928, 11: 388.—**Tato, J. M.** Petroapicitis y absceso extradural periacial consecutivo a otitis media aguda supurada, originando un síndrome de Gradenigo temporario. Rev. As. méd. argent., 1936, 50: 1261-70.—**Beitia, A.** Síndrome de Gradenigo; petrositis anterior absceso apical; operación de Holmgren-Frenkner. Ibid., 1935, 49: 194-8.—**Terracol, Millet** [et al.] Deux cas de rochèrite profonde avec syndrome de Gradenigo. Arch. Soc. sc. méd. biol. Montpellier, 1933, 14: 382-92.—**Ulrich, K.** Zur Lehre von der otogenen Abduzenslähmung. Zschr. Hals & Keh., 1924-25, 9: 403-18. — Zur Klinik und Anatomie des Gradenigo'schen Symptomenkomplexes. Schweiz. med. Wschr., 1925, 55: 104.—**Whitham, J. D.** Mastoiditis with Gradenigo syndrome before operation. Laryngoscope, 1927, 37: 368; 369.

GRADENWITZ, Edda. *Beitrag zur Kenntniss der Leukaemie in der Gravidität und der angeborenen Leukaemie [Basel] 59p. 8°. Frankf. a. M., Hermon, 1935.

GRADINGER, Franz, 1907— *Klinische Untersuchungen zur Bewertung von menschlichen Elektrokardiogrammen. 34p. 4 pl. 8°. Münch., J. B. Grassl, 1935.

GRADIS, Wolf, 1903— *Arteriosklerose, insbesondere Cerebralsklerose und Trauma. 32p. 8°. Berl., P. Brandel, 1933.

GRADMANN, Robert. Volkstum und Rasse in Süddeutschland. 16p. 8°. Erlangen, K. Döres, 1926.

— Die Wissenschaft im Dienste der deutschen Volkspolitik. 20p. 8°. Erlangen, Palm & Enke, 1932.

GRADNAUER, Hermann, 1894— *Die volkswirtschaftliche Bedeutung der Bekämpfung der Zahn- und Mundkrankheiten durch den Zahnarzt (Auszug) [Leipzig] 5p. 8° [Roding, Oberpfalz, J. Wittmann] 1923.

GRADON, Hersz David, 1909— *Contribution à l'essai du traitement de la syphilis par un dérivé bismuthique, mercurique et stibinique du thiopropanol sulfonate de sodium (allotriol) 64p. 3 pl. 8°. Lyon, L. Sézanne, 1934.

GRADOR, Pierre Emile Octave, 1909— *La race ovine limousine; son élevage, son amélioration dans le Département de la Corrèze [Alfort] 51p. 8°. Par., Vigot frères, 1933.

GRADUATION.

See Education; School; also Pharmacy.

GRADULEWSKI, Margarete von [geb. Bauer] 1908— *Habitus und Tabes [Berlin] 45p. 20cm. Hamb., H. Schimkus, 1937.

GRADWOHL, Addine Sara, 1902— See Gradwohl, R. B. H., Gradwohl, Ida A. E., & Gradwohl, Addine S. Laboratory technique. 462p. 8°. S. Louis, 1932.

GRADWOHL, Ida Apuenté E[mmmons] 1887— See Gradwohl, Rutherford Birchard Hayes, I. E. Blood and urine chemistry. 542p. roy. 8°. S. Louis, 1928. — & Gradwohl, Addine S. Laboratory technique. 462p. 8°. S. Louis, 1932.

GRADWOHL, Max, 1901— *Ueber den Einfluss der Reaktion auf die Oxydation von Aminosäuren an Tierkohle [Frankfurt a. M.] 22p. 8°. Wiesbaden [n. pub.] 1929.

GRADWOHL, Rutherford Birchard Hayes, 1877— Clinical laboratory methods and diagnosis; a textbook on laboratory procedures with their interpretation. 1028p. illust. 24 pl. diagrs. 26½cm. S. Louis, C. V. Mosby Co. 1935. Also 2. ed. 1607p. illust. 44 pl. diagr. 1938.

See also Schilling, Viktor. The blood picture [&c.] 7. & 8. ed. 408p. 8°. S. Louis, 1929.

Also Dr Gradwohl's visit to California. Gradwohl Lab. Digest, 1940-41, 4. No. 5, 1.

— & **GRADWOHL, Addine Sara**. Laboratory technique. 3 p. l. 462p. illust. diagrs. 8°. S. Louis, Gradwohl School Lab. Techn., 1932.

— & **GRADWOHL, Ida E[mmmons]** Blood and urine chemistry. 4 p. l. 542p. 4 pl. roy. 8°. S. Louis, C. V. Mosby Co., 1928.

GRADWOHL (The) Laboratory digest. S. Louis, v.1, No. 8, 1938—

GRADWOHL (The) School of Laboratory Technique.

See Gradwohl (The) Laboratory digest.

GRAEBER, Hans, 1911— *Mediane Gaumenzysten [Würzburg] 19p. 22cm. Höcherb. (Saar) Nieder, 1938.

GRAEBNER, Fritz, 1877-1935. Schmidt, W. Nekrolog. Anthropos, Mödling, 1935, 30: 203-14, portr.

GRAEBNER, Hans, 1896— *Ueber einen Fall von Cor pseudotriloculare biatriatum bei Atresie des Aortenostiums, Stenosierung der aufsteigenden Aorta und hochgradiger Hypo-

plasie des linken Ventrikels [Erlangen] 41p. 8°. Coburg, Springer, 1933.

GRAEBNER, Konrad, 1911— *Untersuchungen über das zahlenmässige Auftreten landwirtschaftlicher Unfälle [Würzburg] 34p. 22cm. Eisfeld, C. Beck, 1936.

GRAEF, Aloys, 1906— *Ueber Paraden-tosebehandlung mit besonderer Berücksichtigung der Organotherapie. 18p. 8°. Erlangen, K. Döres, 1937.

GRAEF, Annalise, 1909— *Ueber die haptisch symmetrische Einstellung von Strecken. p.283-309. 8°. Jena [n. pub.] 1933.

Also Zschr. Psychol. Physiol. Sinnesorg., 2. Abt., 1933, 64:

GRAEF, Hans, 1911— *Sprunggelenkbrüche [Göttingen] 23p. 8°. Hamb., P. Evert, 1936.

GRAEF, Helmut, 1905— *Die im Jahre, 1928 in der Heidelberger Augenklinik klinisch behandelten Augenverletzungen [Heidelberg] 27p. 8°. Kronstadt, Herz [1930]

GRAEF, Max, 1904— *Die heutigen Kenntnisse über das Vorkommen von Fett in der Pulpa menschlicher Zähne. 19p. 8°. Würzb., Gebr. Memminger, 1929.

GRAEFE, Albrecht von, 1828-70. Augenkrankheiten und ihre Behandlung. vi, 159p. 8°. Lpz., G. Thieme, 1925.

For biography see Arch. Ophth., Berl., 1927, 119: 1-5 (E. Ebstein) Also Boll. ocul., 1928, 7: 385-92 (M. Sachs) Also Clin. M. & S., 1935, 42: 155, portr. Also Geneesk. gids, 1928, 6: 505 (Sikkel) Also Hospitalstidende, 1928, 71: 515-28 (K. K. K. Lundsgaard) Also Klin. Mbl. Augenh., 1928, 80: 433-5, portr. (R. Greeff) Also Med. Life, 1929, 36: 541-7 (A. Feigenbaum) Also Mschr. ungar. Med., 1928, 2: 173-9 (J. Imre, sr) Also Münch. med. Wschr., 1928, 75: 859-63 (K. Wessely) Also Zschr. ärztl. Fortbild., 1928, 25: 369-71 (R. Greeff) Also Zschr. Augenh., 1936, 90: 32 (E. Kraupa)

AXENFFELD. Zum Gedächtnis an Albrecht von Graefe; geboren 22. Mai 1828, gestorben 20, Juli 1870. 43p. 8°. Stuttg., 1928.

JACOBSEN, J. Erinnerungen an Albrecht von Graefe, zu seinem 25sten Todestage; zusammengestellt aus Werken und Briefen J. Jacobson's; mit 11 Graefe'schen Briefen als Beilage. 93p. roy. 8°. Königsb., 1895.

WEVE, H. J. M., & DOESSCHATE, G. TEN. Die Briefe Albrecht von Graefe's an F. C. Donders (1852-70) 103p. 8°. Stuttg., 1935.

Also Adler, F. H. Sketches from the life of Albrecht von Graefe. Ann. M. Hist., 1929, n. ser., 1: 284-90. — **Greeff, R.** Welche Bildnisse besitzen wir von Albrecht von Graefe? Arch. Ophth., Berl., 1937-38, 138: 211; 303; 737, portr. — Weitere medizinische Briefe von A. von Graefe. Klin. Mbl. Augenh., 1935, 95: 797-802. Wann ist A. von Graefe in die Charité eingezogen? Ibid., 1937, 98: 672-6. — **Löhlein, W.** Gedächtnisrede auf Albrecht von Graefe und Jules Gonin gelegentlich der Verleihung der von Graefe-Medaille. Arch. Ophth., Berl., 1939-40, 141: 125-38. — **Perera, C. A.** Albrecht von Graefe, founder of modern ophthalmology, his life and works. Arch. Ophth., Chic., 1935, 14: 742-73. — **Pfeiffer, R. L.** History of a marble bust of von Graefe. Ibid., 1939, 22: 446, illust. — **Wölflin, E.** Zum 100. Geburtstag von Albrecht von Graefe. Arch. Ophth., Berl., 1928, 120: 1-13, portr.

GRAEFE, Anita, 1907— *Aufsaugung und Ablagerung feinstkolloidalen Wismutes bei intramuskulärer Einbringung [Berlin] 20p. 2 l. 8°. Charlottenb., Gebr. Hoffmann, 1934.

GRAEFE, Doris, 1911— *Goldersatzmetalle und ihre Verwendung zu Gussfüllungen. 17p. 8°. Lucka, R. Berger, 1934.

GRAEFE, Ehrhard, 1910— *Pyro-Dalbeen als milchtreibendes Mittel bei Kühen. 58p. 2 ch. 8°. Lpz., A. Edelmann, 1935.

GRAEFE (Erich) Hellmut, 1911— *Harnsäure im Blut Kataraktöser [Leipzig] 25p. 8°. Zeulenroda, A. Oberreuter, 1938.

GRAEFE (Friedrich Wilhelm Karl) Otto, 1894— *Die mathematische Konstruktion des normalen Zahnbogens (Auszug) [Leipzig]

15p. ch. 8°. [Roding, Oberpfalz, Wittmann] 1923.

GRAEFE, Hans, 1911— *Untersuchungen über Vorkommen und klinische Wirksamkeit des Laktationshormons [Frankfurt] 17p. 21cm. Kallmünz u. Regensb., M. Lassleben, 1938.

GRAEFE, Hellmut, 1911— *Ueber zahnärztliche Kunstfehler bei der Betäubung [Heidelberg] 44p. 8°. Lengerich, Lenger. Handelsdr., 1938.

GRAEFE'S sign.

See under **Thyrototoxicosis.**

GRAEFF, Karl, 1907— *Zur Entstehung und Einteilung der Unterkieferkarzinome [Münster] 20p. 8°. Quakenbrück, R. Kleinert, 1934.

GRAEFF, Robert, 1911— *Die Aetiologie der ischämischen Muskelkontraktur und die Bedeutung des Verbandes. 30p. 22cm. Bonn, H. Trapp, 1936.

GRAEFF, Siegfried, 1887— Atlas der Erkrankungen der oberen Luftwege mit besonderer Berücksichtigung des Epipharynx. xv, 160p. illust. 52 pl. roy. 8°. Lpz., C. Kabitzsch, 1934.

— Rheumatismus und rheumatische Erkrankungen. vi, 82p. illust. roy. 8°. Berl., Urban & Schwarzenberg, 1936.

GRAEFF, Wolfgang, 1911— *Ueber den Verlauf von Fistelgängen bei Wurzelgranulomen. 23p. 21cm. Königsb. i. Pr., J. Raabe, 1938.

GRAEFINGHOFF, Helene, 1906— *Ueber die Möglichkeit exogener Auslösung von endogenen Psychosen. 19p. 8°. Königsb. i. Pr. [n. pub.] 1936.

GRAEMER, Walter, 1912— *Statistische Erhebungen über den Zustand der Gebisse bei Bonner Wohlfahrtsempfängern und die Wege zu ihrer Sanierung. 31p. 8°. Bonn, G. Kersting, 1935.

GRAENACHER, Charles. Die neuern Untersuchungen zur Konstitutionsaufklärung der Proteine. p.633-875. 8°. Berl., 1936.
In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1936, Abt. 1, T. 11, 1. 2. Hälfte, 1 Bd.

GRAEPEL, Gustav, 1895— *Die Pneumonie am Städtischen Krankenhause am Urban, im besonderen ihre Behandlung, in den Jahren 1922 bis 1928 [Berlin] 39p. 8°. Charlottenb., Gebr. Hoffmann, 1929.

GRAEPEL, Hartwig, 1910— *Ohrmissbildung bei Turmschädel [Freiburg] 19p. 8°. Quakenbrück, C. Trute, 1935.

GRAESSEL, August, 1911— *Ueber organoide Cystadenome des Zungengrundes und des Pankreas. 23p. 8°. Erlangen, M. Döres, 1937.

GRAESSNER, Rudolf, 1867-1927.
Marum. Nekrolog. Strahlentherapie, 1927, 27: 1-4.—
Nolke. Nekrolog. Fortsch. Röntgenstrahl., 1927, 36: 733-6.

GRAETZ [Bruno] Heinz, 1909— *Die operative Behandlung der Retroflexio uteri durch Laparatomie Alexander-Adams und ihre Dauererfolge. 24p. 22½cm. Berl., R. Pfau, 1936.

GRAETZ-MENZEL, Charlotte, 1901— *Ueber die rassenbiologische Wirkung der akademischen Frauenberufe mit besonderer Berücksichtigung der Aerztinnen und Zahnärztinnen. p.129-50. 8°. Münch., J. F. Lehmann, 1932.
Also Arch. Rassenb., 1933, 27:

GRAEVE, Halvor, 1860-1930.
Rietz, T. [Obituary] Hygiea, Stockh., 1930, 92: 369-72.—
Torné, T. [Obituary] Sven. läk. tidn., 1930, 27: 561-3.

GRAEVE, Trude, 1907— *Phasische Schwankungen bei Schizophrenie. 16p. 8°. Kiel, H. Lüttke, 1934.

GRAEVE, Wilhelm, 1888— *Zur Statistik und Therapie des Milzbrandes beim Menschen [Leipzig] 40p. 8°. [Zeulenroda, A. Oberreuter] 1931.

GRAEVINGHOFF, Walter, 1891— Untersuchungen über die Ziegenmilchanämie. 84p. pl. 8°. Berl., S. Karger, 1928.

Forms H. 18, Abh. Kinderh.

— Die Röntgenanatomie der Brust- und Bauchorgane. p.416-78. roy. 8°. Münch., J. F. Bergmann, 1934.

In Handb. Anat. Kindes (Peter, Wetzel, u. a.) Münch., 1934, 1:

GRAF, Alfons, 1913— *Der postmortale und intravitale Knochenmarkbefund bei verschiedener Aetiologie der Granulocytopenie. 141p. 8°. Lpz., A. Edelmann, 1938.

GRAF, Anton, 1882— Die Stellung des Arztes im Staate. 112p. 8°. Münch., J. F. Lehmann, 1933.

GRAF, Elfriede, 1903— *Ueber die Entstehung und klinische Bedeutung der Dentikel [Heidelberg] 21p. 8°. Gerabronn, M. Rückert, 1933.

GRAF, Erich, 1909— *Maligne Tumoren der Nase und ihrer Nebenhöhlen. 18p. 8°. Heidelb., Brausdruck., 1935.

GRAF, Erich [Johannes] 1906— *Allergisch-rheumatoide Gelenkreaktion nach intralumbaler Serungabe [Berlin] 23p. 23cm. Lpz., Metzger & Wittig, 1938.

GRAF, Ernst. *Zur Kenntnis der Methaemoglobinbildung. 19p. 8°. Basel, Werner-Riehm, 1926.

GRAF, Ferdinand. *Ueber die Frage der Aetiologie vererbter Zahnstellungsanomalien [Würzburg] 16p. 8°. Berl. [n. pub.] 1927.

GRAF, Gallus, 1907— *Der kulturelle Nachweis von Tuberkelbakterien für die Diagnosestellung der offenen Tuberkulose im Rahmen des freiwilligen Tuberkulosestillungsverfahren mit den Nährböden nach Petagnani und Besredka [Giessen] 54p. 8°. Freib. i. B., K. Henn, 1933.

GRAF, Gertrud, 1908— *Fehldiagnosen bei Ovarialtumoren [Würzburg] 44p. 8°. Augsburg, H. Heber, 1935.

GRAF, Hans. *Ueber die Beziehungen zwischen chemischer Konstitution und lokalanästhesierender Wirkung bei N-alkylierten Leuzinestern der p-Aminobenzoesäure [Zürich] 31p. 8°. Lpz., F. C. W. Vogel, 1923.

GRAF, Hans, 1909— *Ein Beitrag zum Farbstoffbindungsverhältnis im Serum Schwangerer und Nichtschwangerer [Jena] 19p. 8°. Borna, R. Noske, 1935.

GRAF, Heinrich, 1902— *Der Schutz und die Vorrechte der zahnärztlichen Approbation [Berlin] 42p. 3 l. 8°. Charlottenb., Gebr. Hoffmann, 1932.

GRAF, H[ermann] W[erner] *Contribution à l'étude de l'aortite syphilitique. 16p. 8°. Lausanne, Payot & cie, 1926.

GRAF, Jakob. Vererbungslehre, Rassenkunde und Erbgesundheitspflege; Einführung nach methodischen Grundsätzen. 3. Aufl. 336p. illust. pl. tab. diagrs. 8°. Münch., J. F. Lehmann, 1935.

GRAF, Liesel, 1912— *Ist durch die histologische Untersuchung eines Carcinoms ein Urteil über den ursächlichen Zusammenhang

mit Teer möglich? [Münster] 13p. 21cm. Bottrop, W. Postberg, 1938.

GRAF, Lilly, 1900— *Ueber die Phrenicusexairose als selbständigen Eingriff bei Lungentuberkulose [Tübingen] p. 241–53. 8°. Berl., J. Springer, 1930.

Also Beitr. Klin. Tuberk., 1930, 74:

GRAF, Otto, 1889— Möglichkeiten und Grenzen der Heilbehandlung von Alkoholikern. 44p. 8°. Berl., Neuland-Verl., 1929.

— Die Methodik des pharmakologischen Arbeitsversuchs. p.289–376. 8°. Berl., 1937.
In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1937, Abt. 4, T. 13.

GRAF, Walter, 1908— *Sialoadenogene Sepsis beim Neugeborenen. 19p. 8°. Basel, Gasser & cie, 1934.

GRAF, Walter, 1912— *Die Erkrankungen des Respirationstraktus in der Wiener Schule [München] 39p. 21cm. Ulm a. d. Donau [n. pub.] 1937.

GRAF, Wilhelm, 1906— *Röntgenologisch geklärte Milzcyste. 22p. 8°. Heidelb., B. Müller, 1932.

GRAF, Willy. *Quantitative Untersuchungen über die Reversibilität der Scillaglykoside als Beitrag zum Wirkungsmechanismus der Herzmittel [Zürich] 25p. 8°. Lpz., F. C. W. Vogel, 1929.

Also Arch. exp. Path., Lpz., 1929, 140: 355–79.

GRAF, Willy. *Spontane Selbstreparation durch Knochenusur bei Hirntumoren [Basel] 16p. 8°. Gossau, U. Cavelti & Co., 1936.

GRAFE, Erich, 1881— Die pathologische Physiologie des Gesamtstoff- und Kraftwechsels bei der Ernährung des Menschen. 3 p. l. 523p. roy. 8°. Münch., J. F. Bergmann, 1923.

— Innere Sekretion und Zirkulationsapparat. 42p. 8°. Halle, C. Marhold, 1927.
Forms Hft. 4, v.10, Samml. Verdauungskr.

— Die Krankheiten des Stoffwechsels und ihre Behandlung. 519p. 8°. Berl., J. Springer, 1931.

— The same. Metabolic diseases and their treatment; transl. by Margaret Galt Boise. xii, 551p. illust. diagrs. 8°. Phila., Lea & Febiger, 1933.

For portrait, photograph see collection in Library.

GRAFE, Manfred, 1913— *Die Beziehungen zwischen klinischem und histologischem Bild beim Basedow nach Jodvorbehandlung. 15p. 8°. Würzb., R. Mayr, 1937.

GRAFEN, Heinz, 1909— *Die Anal-fistel [Münster] 31p. 8°. Düsseld., G. H. Nolte, 1937.

GRAFF, Alfred, 1911— *Die Fälle der in den Jahren 1928–34 in der Bonner Universitätsklinik behandelten Pfählungsverletzungen der Beckengegend unter Berücksichtigung der in dieser Zeit erschienenen Literatur. 36p. 21cm. Bonn, P. Kubens, 1935.

GRAFF, Edith, 1909— *Konstitution und erbliche Belastung bei der kindlichen Polyarthritis rheumatica. 22p. 8°. [Bonn, n. pub.] 1935.

GRAFF, Erwin von. Die Geburtshilfe des praktischen Arztes. 2. Aufl. 211p. illust. 8°. Wien, Ars Medici, 1936.

GRAFF, Gerd, 1911— *Behandlungsergebnisse in der Bonner Universitäts-Frauenklinik bei Collumcarcinom mit Röntgenstrahlen allein oder mit Radiumbestrahlung bis zu 2000 Milligrammelementstunden in der Zeit vom 1. 4. 1912 bis zum 1. 4. 1928. 24p. 8°. Bonn, H. Trapp, 1935.

GRAFF, Hans Ulrich, 1911— *Ueber die Arteria hepatica und ihre funktionelle Bedeutung [Bonn] 51p. 2 tab. 8°. Krefeld, Neues & Co. [1935]

GRAFF, Heinz, 1907— *Ueber Beziehungen der Epithelkörperchen zum Zahnsystem. 22p. 8°. Berl. [n. pub.] 1933.

GRAFF, H[ermann] HENLE, A. [et al.] Chirurgie der Wirbelsäule und des Beckens. 6. Aufl. xii, 1327p. 8°. Stuttg., F. Enke, 1927.
Forms v.4, Handb. prakt. Chir. (Bergmann, Bruns, Mikulicz) Stuttg., 1926–31.

GRAFF, Wolf Dietrich, 1911— *Die Abhängigkeit der Höhenfestigkeit von der Aufstiegsgeschwindigkeit im Tierexperiment [Berlin] p.351–4. 24½cm. Würzb., H. Stürtz, 1938.

Also Luftfahrtmedizin, 1936–37, 1:

GRAFFEO, Anthony Joseph, 1908— *Sulfapyridine [All Souls Hosp.] 32 l. 28 cm. [Morristown, N. J.] 1939.
Typewritten.

GRAFFIN, Philippe Marie, 1906— *Traitement des fractures fermées de la diaphyse fémorale chez l'enfant par l'appareil plâtré. 47p. 8°. Par., L. Arnette, 1933.

GRAFIA, Victoriano Andrés. Tratado de cementerios y sepelios, según el nuevo código de derecho canónico y leyes civiles vigentes. 3 l. 122p. 8°. Valencia, P. M. Villalba, 1919.

GRAFTING [including graft and flap]

See also **Prosthesis; Regeneration; Surgery, plastic; Wound**; also under names of tissues, parts and organs as **Bone, Transplantation; Cornea, Surgery, plastic, &c.**; also in the 3. ser., **Transplantation**.

MAY, R. M. La transplantation animale. 352p. 8°. Par., 1932.

PERRONCITO, A. Innesti o trapianti. p. 79–155. 4°. Tor., 1927.

In Tratt. anat. pat., Tor., pt gen., 1927, No. 5.

Avalon, J. La greffe humaine dans l'art. Aesculape, Par., 1923, 13: n. ser. 8–10.—**Bizzarri, G.** Gli innesti animali e la loro distinzione secondo Giard; alcune osservazioni su quanto scrive Voronoff; innesti eteroplastici praticati da Paolo Mantegazza; anche Diacinto Cestoni esperimento innesti animali. Riv. stor. sc. med., 1938, 29: 148–52.—**Borst, M.** Grafting of normal tissues. Brit. M. J., 1913, 2: 383. — Beitrage zur Transplantation. Verh. Deut. path. Ges., 1914, 17: 300–14 [Discussion] 320.—**Dordu, F.** Heteroplasties et autoplasties. Arch. fr. belg. chir., 1928, 31: 601–8, 2 pl.—**Enderlein.** Transplantation. Vortr. prakt. Ther., Lpz., 1911–12, 4. ser., 537–49.—**Fasiani, G. M.** Trapianti in generale e trapianti della pelle in particolare. Policlinico, 1923, 30: sez. prat., 1495. Also Studium, Nap., 1923, 13: 382.—**Gamboia, M.** Anaplasticas. Rev. As. méd. argent., 1917, 26: 1053–84.—**Gergó, I.** [Present status of transplantation of tissues and organs] Orv. hetil., 1913, 57: 273; 304; 323.—**Jiano, J.** Contributions à l'étude des transplantations. Tr. Internat. Congr. M. (1913) 1914, 17. Congr., Sect. 3, Gen. Path. & Path. Anat., pt 2, 249–54.—**Mariconda, P.** Natura e destino degli innesti. Riv. osp., 1936, 26: 265–8.—**Mauclair, P.** Les greffes et les implants de tissus et d'organes chez les animaux et chez l'homme. Médecine, Par., 1932, 13: No. 3, 1–64.—**Miller, M. B.** Transplantation of tissues. Ref. Handb. M. Sc., N. Y., 1917, 8: 252–60.—**Oliva, L. A.** Sopra N. 83 trapianti organici. Atti Soc. ital. ostet., 1927, 26: 83–9.—**Réproduction** asexuée, régénération; greffe. Année biol., 1922–23, n. ser., 3: No. 1, 77; pt 2, 35; passim.—**Retterer, E.** De la greffe végétale et animale. Progr. méd., Par., 1932, 1041–50.—**Tagliacotian** (The) doctrine. Brit. M. J., 1920, 1: 72.—**Ullmann, E.** Ueber Gewebs- und Organtransplantationen. Rapp. Congr. Soc. internat. chir., 1914, 4. Congr., 382–426.

Attachment of graft.

KUITHAN, P. *Untersuchungen zur Einheilungsfähigkeit einiger Materialien und das Verhalten des Gewebes zu diesen Implantaten. 16p. 8°. Münster, 1932.

Morpurgo, B. Ueber den Einfluss verschiedener äusserer Faktoren auf die Haftung von nicht autoplastischen Transplantaten. Verh. Deut. path. Ges., 1928, 23: 330–6. — & **Milone, S.** Influenza dell'alimentazione insufficiente sull'atte-

chimento degli innesti omoplastici di pelle. Arch. sc. med., Tor., 1927, 49: 648-64. Also Arch. Soc. ital. chir. (1927) 1928, 34: p. lxxxv.—**Nigrisoli, P.** Sopra alcuni tentativi per migliorare la sopravvivenza dell'innesto omoplastico. Arch. sc. med., Tor., 1928, 52: 65-75.—**Paganini, M.** Di un metodo per favorire l'attaccamento degli innesti mucosi, epidermici e dermo-epidermici. Boll. ocul., 1928, 7: 442-4.—**Paolucci, F.** Sul mancato attaccamento di innesti autoplastici (ricerche sperimentali) Arch. Soc. ital. chir. (1927) 1928, 34: p. cxii. Also Ann. ital. chir., 1928, 7: 41-64.—**Schöne, G.** Ueber Transplantationsimmunität. Münch. med. Wschr., 1912, 59: 457.—**Tinozzi, F. P.** Sul mancato attaccamento dei trapianti cutanei autoplastici in animali scottati. Ann. ital. chir., 1926, 5: 755-75.—**Velo, C. A.** Tentativi per ottenere l'attaccamento degli innesti omoplastici di pelle. Ibid., 1928, 7: 97-112.

Attachment of graft: Effect of various factors.

See also subheading Serology.

Borst, M. Die Verpflanzung normaler Gewebe in ihrer Beziehung zur zoologischen und individuellen Verwandtschaft: Auto-, Iso-, Heteroplastik. Tr. Internat. Congr. M. (1913) 1914, 17, Congr., Sect. 3, Gen. Path. & Path. Anat., pt 2, 239-47 [Discussion] 259-68.—**Brikker, F., & Zilbret, I.** [Effect of histolysates on grafts] Vrach. delo, 1936, 19: 595-600.—**Brull, L.** Méthode générale de confrontation, sur un même organe, de l'état d'un chien en expérience et d'un chien contrôle; rôle, rate ou tête intercalés entre deux donneurs. C. rend. Soc. biol., 1933, 113: 894-7.—**Danchakov, V., & Danchakov, V. E.** The age factor in grafts. Contr. Embryol. Carnegie Inst., 1930, 21: 125-40, 2 pl.—**Dupraz, M.** Flaps from an amputated limb successfully grafted after the lapse of 9 hours. Railway Surg., Chic., 1899-1900, 6: 618.—**Fichera, G.** Impianti omoplastici feto-umani nel cancro e nel diabete. Tumori, Milano, 1928, 14: 434-77.—**Gedroý, M.** [Importance of erythrocytes in the transplantation of pharmacologically active bodies of various animal tissues] Polska gaz. lek., 1930, 9: 509-13.—**Loeb, L.** Syngenesiotransplantation in the guinea-pig. Am. J. Path., 1927, 3: 29-43. — Syngenesiotransplantation in the rat. Ibid., 45-65.—**Morpurgo, B.** Influence de l' inanition sur la greffe homoplastique. Arch. ital. biol., 1927, 78: 108-12. Also Zbl. allg. Path., 1927, 40: 1-3. — **Milone, S.** Influenza dell' inanizione sui trapianti omoplastici di pelle. Bol. Soc. ital. biol. sper., 1927, 2: 709-12. — **Vecchi, G.** Sugli innesti omoplastici in ratti trattati con bleu Trypan e con cloruro di calcio. Arch. Soc. ital. chir. (1926) 1927, 33: 555-60.—**Strong, L. C.** The genetic basis of susceptibility to tissue transplants. Proc. Nat. Acad. Sc. U. S., 1926, 12: 181-6.—**Tinozzi, F. P.** Azione delle emulsioni di germi patogeni sui trapianti cutanei omo ed autoplastici. Ann. ital. chir., 1926, 5: 981-1000.—**Vassiliev, A. A., & Scholondz, A. M.** Ueber die Wirkung des Halsganglions des Nervus sympathicus auf die Auto- und Homoplastik. Arch. klin. Chir., 1933-34, 178: 148-69.

autogenous.

Chiminelli, L. Riassunto de'metodi operativi e delle regole più essenziali nel pratico esercizio dell'autoplastica. Mem. med. contemp., Venez., 1845, 14: 483-515, tab.—**Díaz de Vivar, E.** Autoplastias. Sem. méd., B. Air., 1911, 18: 953-78.—**Jianu, T.** Contribuțiune la studiul autoplastilor. Rev. chir., Bucur., 1908, 12: 494-513.—**Maksud, U.** Un cas d'autoplastie par la méthode italienne. C. rend. Congr. internat. méd. trop. et hyg., 1928, 1, Congr., 3: 385.—**Matolesy, T.** [Practical value and use of auto-transplantation] Orvosképzés, 1935, 25: dec. különf. (T. Verebely Festschr.) 147-58, pl.—**Morestin, H.** L'autoplastie spontanée par extension graduelle des tissus, grâce aux attitudes permettant la réunion immédiate. Presse méd., 1913, 21: 655-60.

Biology.

Abramson, B. P. [Present state of the theory of tissue transplantation] Priroda, Leningr., 1936, 25: 68-75.—**Arai, K.** Studies on the bio-morphological properties of peripheral nerve fibers in transplantations. Tr. Jap. Path. Soc., 1925, 15: 78.—**Brandt, E.** Die Anwendung der bei Extremitäten-Transplantation gefundenen biologischen Gesetze auf die Konstitution des Menschen mit makroskopischen und mikroskopischen Demonstrationen. Verh. Anat. Ges., 1928, 37: 38-41.—**Brüda, B. E., & Kreiner, W. M.** Reticuloendothel und Homoiotransplantation. Deut. Zschr. Chir., 1930, 228: 421-3.—**Carmona, L.** Gli innesti di tiroide e di cute in animali sensibilizzati. Arch. ital. chir., 1928, 21: 436-56.—**Dulière, W.** L'irritabilité et la sensibilité d'un tissu greffé après quelques années. C. rend. Soc. biol., 1928, 98: 333.—**Fleisher, M. S.** The reactions occurring about tissue transplanted into homologous animals. J. Med. Res., 1918-19, 38: 191-212.—**Gaza, von.** Ueber den Stoffwechsel im Regenerat und Transplantat. Arch. klin. Chir., 1931, 167: 175-9 [Discussion] 179-83.—**Golden, H. M.** Recent advances in plastic surgery with special reference to vascularization of implants. Illinois M. J., 1935, 67: 175-81.—**Holtfreter, J.** Morphologische Beeinflussung von Urodelelenkterodem bei xenoplastischer Transplantation. Arch. Entwmech., 1935, 133: 367-426.—**Kubányi, E., & Jakob, M.** [Biological study of tissue transplantation] Orv. hetil., 1927, 71: 365-70. Also Arch. klin. Chir., 1927, 144: 767-89.—**Loeb, L.** Transplantation and individuality. Physiol. Rev., 1930, 10:

547-616. — Transplantation and potential immortality of mammalian tissues. J. Gen. Physiol., 1925-26, 8: 417-40, 6 pl. — **King, H. D.** Transplantation and individuality differential in strains of inbred rats. Am. J. Path., 1927, 3: 143-67.—**Loeb, L., & McPhee, H. C.** Transplantation of tissues in hybrids of inbred families of guinea pigs and the individuality differential. Am. Natur., 1931, 65: 385-416.—**Loeb, L., & Wright, S.** Transplantation and individuality differentials in inbred families of guinea-pigs. Am. J. Path., 1927, 3: 251-83.—**Rehn, E., & Miyauchi.** Das cutane und subcutane Bindegewebe in veränderter Funktion; eine experimentelle und klinische Transplantationsstudie. Arch. klin. Chir., 1914, 105: 1-46, 2 pl.—**Rigano-Irrera, D.** Sulla reazione locale determinata da tessuti normali e neoplastici trapiantati in ospiti di specie diversa. Riv. pat. sper., 1933-34, 10: 420-33, 4 pl.—**Tammann, H.** Ueber den Stoffwechsel in Transplantaten. Klin. Wschr., 1931, 10: 1858. — **Blümel, P., & Roese, R.** Chemische und morphologische Untersuchungen über den Stoffwechsel in Transplantaten. Arch. klin. Chir., 1932, 172: 81-9.—**Törö, E.** Organisation und Selbstdifferenzierung der an die Stelle der Linse implantierten Gewebekulturen; Darm. Arch. exp. Zellforsch., 1933, 14: 495-532.—**Zschau, H.** Ueber die allgemeinen Grundlagen der Ueberpflanzung von Geweben. Sitzber. Phys. med. Soc. Erlangen (1939) 1940, 7: 255.

brephoplastic.

See Grafting, tissue, embryonic.

cutaneous.

See also in 3. ser. Skingrafting.

Angus, H. B. Examples on skin-grafting. Northumberland M. J., 1906, 14: 88. — Case of skin grafting and plastic operation. Ibid., 1913, 31: 1-3, pl.—**Asper, B. J.** Skin-grafting with a report of 2 very successful cases recently performed. Hosp. Bull. Univ. Maryland, 1911-12, 7: 84-8.—**Baum, W.** Ueber Hautpropfungen. Münch. med. Wschr., 1921, 68: 345.—**Bertwistle, A. P.** Skin grafting in general practice. Practitioner, Lond., 1924, 113: 440.—**Braun, W.** Ueber Hautpropfungen. Deut. med. Wschr., 1921, 47: 309.—**Brown, C. P.** Some experience with skin grafts. Surg. J., 1927-28, 34: 20.—**Brown, W. L.** Clinical cases of skin grafting. Bull. El Paso Co. M. Soc., 1913, 5: 14-6.—**Burton, J. F.** Skin grafting. J. Oklahoma M. Ass., 1934, 27: 363-7.—**Caridroit, F., & Regnier, V.** Greffe de peau d'adulte sur adulte. Rev. sc. Par., 1940, 78: 108.—**Chang Chi.** Some experiences in skin grafting. Nat. M. J. China, 1929, 15: 20-7.—**Crook, J. L.** Skin grafting. J. Tennessee M. Ass., 1915-16, 8: 429-37. Also South. M. J., 1916, 9: 168-74.—**Danforth, C. H.** Skin transplantation in ducks and pigeons. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 717. — **Foster, F.** Skin transplantation as a means of studying genetic and endocrine factors in the fowl. J. Exp. Zool., 1928-29, 52: 443-70.—**Davis, J. S.** Skin transplantation. Internat. J. Surg., 1910, 23: 129; 163. Also Surg. Gyn. Obst., 1927, 44: 181-98.—**Descarpentries.** Considérations sur 4 cas de greffes épidermiques (Rapp. de H. Morestin) Bull. Soc. chir. Paris, 1914, n. ser., 40: 1074-83. Also Echo méd. nord, 1911, 15: 555.—**Dore, R.** Anaplastie tégumentaire. Union méd. Canada, 1928, 57: 710-3.—**Dragos, A., & Florescu, A.** [Study on skin grafting] Rev. st. med., Bucur., 1927, 16: 589-608.—**Freeman, L., & Ivy, R. H.** Skin-grafting. In Cyclop. Med. (Piersol-Bortz) Phila., 1940, 13: 928-43.—**Galbraith, G. H.** Skin grafting. Illinois M. J., 1909, 16: 664-6.—**Goode, J. V.** Skin grafting. Ann. Surg., 1935, 101: 927-32.—**Griess, W. R.** Two cases of skin grafting. Lancet Clin., 1915, 114: 529.—**Grinda.** Les greffes cutanées. Presse méd., 1935, 43: 2053-5.—**Hadley, M. N.** Skin grafting. Indianapolis M. J., 1926, 29: 334.—**Hamant, Bodart & Chalmot.** Quelques cas d'autoplastie cutanées. Bull. Soc. fr. derm. syph., 1933, 40: Suppl., 28-30.—**Imperati, L.** Innesti cutanei autoplastici nell'uomo. Riforma med., 1933, 49: 1133.—**Isaacs, A. E.** Skin grafting. Med. Rec., N. Y., 1911, 80: 617.—**Joy, N. H.** A note on skin grafting. Brit. M. J., 1917, 2: 857.—**Kendall, H. W. M.** Grafting with frog skin. Ibid., 1916, 2: 646.—**Kirschner.** Ueber Epidermisverpflanzung. Acta chir. scand., 1932, 72: 21-35, pl.—**Mason, R. F.** Trials and tribulations of skin-grafting. Memphis M. Month., 1911, 31: 182-4.—**Nikolajevič, S.** [Transplantation of skin from the muscle] Voj. san. glasnik, 1938, 9: 369.—**Owens, N.** Skin grafting; its indications, limitations, and uses of the various types of grafts. N. Orleans M. & S. J., 1934, 87: 158-65. — Skin grafting; its relation to general surgery. J. M. Ass. Alabama, 1935-36, 5: 41-6.—**Parker, W. R.** Skin-grafting. J. Michigan M. Soc., 1913, 12: 414-7.—**Peer, L. A.** Skin grafting. J. M. Soc. New Jersey, 1935, 32: 484-7.—**Rigano, D., & Sacerdote, G.** Sugli innesti sottocutanei di pelle auto ed omoplastici. Arch. Soc. ital. chir. (1926) 1927, 33: 567.—**Rollo, S.** Omo ed eterotrapianti di cute nell'uomo studiati anche in rapporto al gruppo sanguigno. Riforma med., 1931, 47: 1190-2.—**Salvin, A. A.** Skin-grafting; successful outcome despite unusual difficulties. Am. J. Surg., 1934, 26: 572-4. Also repr.—**Sánchez Arvide, A.** Injertos de piel. Sem. méd., B. Air., 1937, 44: pt 2, 1281-6.—**Scott, A. C.** Skin grafting. Tr. South. Surg. Gyn. Ass. (1909) 1910, 22: 198-207, 3 pl.—**Self, R. A.** Skin-grafting in canine practice. J. Am. Vet. M. Ass., 1934, 84: 163-7.—**Strandberg, J.** [A case of skin transplantation with unique result] Hygiea, Stockh., 1915, 77: 372.—**Von Wedel, C.** Skin transplantation. J. Oklahoma M. Ass., 1926, 19: 7-11.—**Zamkov, A. A.** [Skin grafting] Sovet. khir., 1933, 4: 51-7.

cutaneous: Biology.

- Anderson, R. L. Skin graft reactions in relation to taxonomy in urodeles of the genus *Triturus*. Abstr. Theses Univ. Pittsburgh, 1933, 9: 20-6.—**Binhold**. Ueber homöoplastische Transplantationen menschlicher Haut unter besonderer Berücksichtigung der Blutmerkmale. Deut. Zschr. Chir., 1939, 252: 183-96.—**Bodk**, R. Sur le comportement des greffes de la peau des amphibiens: greffes homoplastiques de la peau des salamandres adultes. C. rend. Soc. biol., 1926, 95: 506-9.—**Boyd**, E. Skin transplantation in the mouse and its effect on pigmentation. Q. J. Exp. Physiol., Lond., 1932, 21: 337-54.—**Butcher**, E. O. Hair growth of skin transplants in the immature albino rat. Anat. Rec., 1935-36, 64: 161-71, pl.—Fate and activity of autografts and homografts of skin in white rats. Arch. Derm. Syph., Chic., 1937, 36: 53-6.—**Cavalli**, M. Sul comportamento dei linfatici nell'innesto autoplastico della pelle. Sperimentale, 1935, 89: 504-8.—**Cole**, W. H. Skin transplantation in frog tadpoles. Proc. Nat. Acad. Sc. U. S., 1922, 8: 29-32.—**Conway**, H. Sweating function of transplanted skin. Surg. Gyn. Obst., 1939, 69: 765-61.—**Davis**, J. S., & **Kitowski**, E. A. The immediate contraction of cutaneous grafts and its cause. Arch. Surg., 1931, 23: 954-65.—Regeneration of nerves in skin grafts and skin flaps. Tr. South. Surg. Ass., 1934, 46: 311-55. Also Am. J. Surg., 1934, n. ser., 24: 501-46.—**Davis**, L. The return of sensation to transplanted skin. Surg. Gyn. Obst., 1934, 59: 533-43.—**Dobrzaniecki**, W. Influence de l'ablation des ganglions sympathiques sur l'évolution des différentes formes de greffes cutanées autoplastiques et homoplastiques. Lyon chir., 1930, 27: 537-78. Also Polska gaz. lek., 1931, 10: 262; 287.—**Eitel**, H. Versuche zur Lebensenergie von Cutis. Deut. Zschr. Chir., 1933-34, 242: 806-8.—**Gershberg**, H. Skin transplantations between hairless and haired rats. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 659-65.—**Giofredi**, L. Innessi autoplastici in pelle in conigli sotto-posti a sottrazione di sangue con epilogo in processi rigenerativi. Boll. Soc. natur. Napoli, 1931, 42: 209-24.—**Guttmann**, L. Zur Frage der Wiederherstellung der Schweissdrüsenfunktion in Hauttransplantaten. Derm. Zschr., 1938, 77: 73-7.—**Hadley**, C. E. The compatibility of the skin of *Rana pipiens* and *Rana clamitans* as tested by transplantation. J. Exp. Zool., 1929, 54: 127-47, 4 pl.—**Herrick**, E. H. Mechanism of movement of epidermis, especially its melanophores, in wound healing, and behavior of skin grafts in frog tadpoles. Biol. Bull., 1932, 63: 271.—**Hilze**, A. [Skin grafting and its compensatory growth] Latv. arstu Z., 1927, 3: 61-6.—**Ingianni**, G. Risultati clinici dell'innesto di pelle nelle cavità e sulle superficie ossee in via di riparazione. Riforma med., 1919, 35: 926.—**Jones**, J. L. Vital stains in relation to integumental grafting in the amphibian, *Triturus viridescens*. Abstr. Theses Univ. Pittsburgh, 1932, 8: 510.—**Kolodziejski**, Z. Untersuchungen über die Beteiligung der transplantierten Haut an der Regeneration. Bull. internat. Acad. polon. sc., 1928, ser. B, 1-62, 3 pl.—Untersuchungen über die Metamorphose der transplantierten Haut bei *Amblystoma tigrinum* Green. Ibid., 317-54, 3 pl.—**Kredel**, F. E., & **Evans**, J. P. Recovery of sensation in denervated pedicle and free skin grafts. Arch. Neur. Psychiat., Chic., 1933, 29: 1203-21.—**Kredel**, F. E., & **Pemister**, D. B. Recovery of sympathetic nerve function in skin transplants. Ibid., 1939, 42: 403-12.—**McCarroll**, H. R. The regeneration of sensation in transplanted skin. Ann. Surg., 1938, 108: 309-20.—**Marcucci**, E. Trapianti di pelle e rigenerazione in *Lacerta muralis*. Arch. zool., Tor., 1931-32, 17: 435, pl.—**Masumoto**, K. Ueber die Regenerationsvorgänge der Nervenfasern in der transplantierten Haut. Tr. Jap. Path. Soc., 1932, 22: 876.—**Miller**, F. A. Pattern regulation in integumental grafts in *Triturus viridescens*, *Rafinesque*. Abstr. Theses Univ. Pittsburgh, 1931, 7: 416.—**Milone**, S. La reazione della pelle nell'innesto omoplastico, studiata mediante il rosso fenolo. Gior. Accad. med. Torino, 1927, 4. ser., 33: 147-50.—**Morpurgo**, B. La reazione all'innesto omoplastico di pelle dimostrata con l'affrontamento del derma trapianto con quello dell'ospite. Arch. sc. med., Tor., 1927, 49: 665-8. Also Arch. Soc. ital. chir. (1927) 1928, 34: p. lxxxiv.—**Peer**, L. A., & **Paddock**, R. Histologic studies on the fate of deeply implanted dermal grafts. Arch. Surg., 1937, 34: 268-90.—**Perazzo**, G. Fattori di resistenza e di recettività nei lembi cutanei trapiantati col metodo italiano in regioni sede di epiteloma. Arch. ital. derm. sif., 1931-32, 7: 573-84.—**Reis**, K. Sur le comportement des greffes de la peau des amphibiens: métamorphose des greffes de la peau larvaire sur les salamandres adultes. C. rend. Soc. biol., 1926, 94: 349; 352.—**Rigano-Irrera**, D., & **Sacerdote**, G. Sul comportamento di innesti di pelle auto- ed omoplastici deposti nel tessuto sottocutaneo. Arch. ital. chir., 1928, 20: 190-8.—**Rous**, P. Factors determining the reaction of skin grafts: a study by the indicator method of conditions within an ischemic tissue. J. Exp. M., 1926, 44: 815-34, pl.—**Sacerdote**, G. Innessi omoplastici di pelle in animali trattati con bleu trypan. Arch. sc. med., Tor., 1928, 52: 41-7.—**Saxton**, J. A., jr. **Schmeckebier**, M. M., & **Kelley**, R. W. Autogenous transplantations of pigmented and unpigmented ear skin in guinea pigs. Biol. Bull., 1936, 71: 453-61.—**Schöme**, G. Tiefenwachstum des Epithels (nach transplantierten Hautlappchen) Deut. med. Wschr., 1914, 40: 1793.—**Schreiber**, G. Ricerche sulla metamorfosi degli innesti omoplastici di pelle di urodoli neonatici. Verh. Anat. Ges., 1937, 44: 132.—**Tammann**, H., & **Patrikalakis**, M. Weitere Versuche über homioplastische Hauttransplantationen bei Vitalispeicherung. Beitr. klin. Chir., 1927, 139: 550-68.—**Vogel**, H. H., jr. Autoplastic and homoplastic transplantation

of skin in adult *Rana pipiens*, Schreber. J. Exp. Zool., 1940, 85: 437-73.—**Yano**, S. Ueber das Resultat der Homotransplantation der Haut von verschiedenen Körperteilen ins Knochenmark bei Kaninchen. Tr. Soc. path. jap., 1937, 27: 483, pl.

cutaneous: Flap.

- Anichkov**, N. N. [Method of bringing common carotid artery and certain nerves into skin flaps: importance of experimental pathology] Mosk. med. J., 1929, 9: 59-63.—**Burty**. Deux cas d'autoplastie par lambeau. Bull. Soc. chir. Paris, 1928, 20: 848-50.—**Dufourmentel**, L. Greffe totale homoplastique d'un vaste lambeau cutané. Ibid., 1933, 25: 724-6.—**Esser**, J. F. S. Biological or artery flaps; general observation and technique. Rev. chir. plast., Brux., 1933-34, 3: 275-87.—L'autoplastie par lambeaux cutanés biologiques. P. verb. Congr. fr. chir., 1934, 43: 350-2.—**Farmer**, A. W. Treatment of avulsed skin flaps. Tr. Am. Surg. Ass., 1939, 57: 500-8.—**Flick**, K. Verfahren zur Entnahme grosser Epidermisplatten. Deut. Zschr. Chir., 1930, 222: 302-5.—**Freeman**, L. The use of visor flaps from the chest in plastic operations upon the neck, chin and lip. Ann. Surg., 1928, 87: 364-8.—**Judd**, E. S. Skin flaps and skin grafting. Railway Surg. J., Chic., 1909-10, 16: 526-30.—**Kunze**, W. Beiträge zur Kipplappenplastik. Zbl. Chir., 1929, 56: 1099-102.—**Lindenbaum**, I. S. [Plastic skin flaps] In Oshibki & c. lech. khir. zabol. (Hesse, E. R. [et al.]) 1936, 1: 496-511.—**Malone**, J. Y. A simple method of measuring skin for skin flaps. Ann. Surg., 1937, 105: 303.—**Noesske**, K. Mehrere italienische Plastiken (Stiellappen-Fernplastiken) Jahrb. Ges. Natur. Heilk. Dresden (1910-11) 1911, 135.—**O'Connor**, G. B., & **Pierce**, G. W. Dermo-subcutaneous flaps; their management in reconstruction surgery. California West. M., 1934, 40: 151-6.—**Orth**, O. Umkippl-Plastik. Zbl. Chir., 1939, 66: 895-8.—**Sebileau**, P. Des autoplasties à lambeaux (anaplasties tégumentaires adhérentes) Rev. chir. Par., 1926, 64: 207-58.—**Updegraff**, H. L. Management of large skin flaps. Am. J. Surg., 1936, 33: 104-7, 8 pl.

cutaneous: Flap, tube pedicle [Filatov, &c.]

- Esser**, E. Contribution à l'étude de lambeaux tubulés; application de cette méthode à quelques cas de chirurgie maxillo-faciale. 79p. 24½cm. Par., 1938.
- Feser**, A. *Das Schicksal transplantierter Hautlappen. 28p. 8° Würzb., 1937.
- Trinckauf**, A. *Ueber Stiellappen-Fernplastik. 40p. 8° Lpz., 1913.
- Wenzel**, G. *Gestielte Plastiken und ihre Schicksale von 1920 bis 1930 aus der Leipziger Universitätsklinik. 94p. 8° [Lpz., 1935]
- Belosor**, I. Ueber das Schicksal transplantierter Gefässe im Filatovschen Hautstiel. Arch. klin. Chir., 1931, 163: 199-208.—**Bettman**, A. G. The back as a source for pedicled skin grafts. Northwest M., 1928, 27: 78; 1933, 32: 453-6.—**Burian**, F. [Skin transplants (tubular)] Cas. lék. česk., 1931, 70: 741-3, 4 ch.—**Colp**, R. The use of pedicle grafts in traumatic surgery. Internat. Clin., 1928, 28. ser., 1: 189-206, 12 pl.—**Corachán**, M. Los injertos tubulares deslizables en las plastias cutáneas. Rev. chir. Barcelona, 1935, 9: 43; 10: 36.—**Covarrubias Zenteno**, R. Tubo de Guillies-Filatov. Rev. méd. Chile, 1939, 67: 903-7.—**Crawford**, H. De L. The bridge method of grafting skin. Tr. R. Acad. Ireland, 1915, 33: 208-13, 3 pl.—**Davis**, J. S., & **Kitowski**, E. A. General sensations in pedunculated flaps of skin. Arch. Surg., 1934, 29: 982-1000.—A method of tubed flap formation. South. M. J., 1936, 29: 1160-74.—**De River**, J. P. The jump method or interrupted tube flap: a new technic in fashioning tube flaps for skin grafts. J. Am. M. Ass., 1926, 87: 662.—**Douglas**, B., & **Lanier**, L. H. Changes in cutaneous localization in a pedicle flap. Arch. Neur. Psychiat., Chic., 1934, 32: 756-62.—**German**, W., **Finesilver**, E. M., & **Davis**, J. S. Establishment of circulation in tubed skin flaps: an experimental study. Arch. Surg., 1933, 26: 27-49.—**Gillies**, H. Experiences with tubed pedicle flaps. Surg. Gyn. Obst., 1935, 60: 291-303.—Practical uses of the tubed pedicle flap. Am. J. Surg., 1939, 43: 201-15.—**Ivanishevich**, O. Injertos tubulares. Bol. Soc. cir. B. Aires, 1929, 13: 144.—Técnica de los colgajos pediculados en las plásticas cutáneas. Bol. Acad. argent. cir., 1940, 24: 891.—**Jones**, H. T. Replacement of scar over the tibia and the os calcis by tube pedicle transplant from abdomen. Surg. Clin. N. America, 1929, 9: 936-8.—**Koch**, K. Missglückter Versuch gestielter Plastik aus dem Skrotum. Zbl. Chir., 1928, 55: 587-90.—**Lamarque**, H. Greffe en pont ou à double pédicule; résultat définitif. Bull. Soc. méd. chir. Bordeaux (1922) 1923, 340.—**Lindenbaum**, J. Fehler und Gefahren bei der Filatovschen Rundstiellplastik. Beitr. klin. Chir., 1934, 160: 359-68.—Fehler, Gefahren und unvorhergesehene Komplikationen bei der gestielten Lappenplastik. Arch. klin. Chir., 1934-35, 181: 529-47.—**Maltz**, M. New method of tube pedicle skin grafting. Am. J. Surg., 1939, 43: 216-22. Also J. Internat. Coll. Surgeons, 1940, 3: 526-32.—**Moure**, P. Le principe des lambeaux à pédicules tubulés en chirurgie réparatrice. Bull. Soc. nat.

chir., Par., 1926, 52: 736-47. — Les autoplasties par lambeaux cutanés à pédicules tubulés. *J. méd. chir. prat.*, 1926, 97: 153-6.—**Nassau, C. F.** Tubed pedicle flap for scar contraction. *Surg. Clin. N. America*, 1934, 14: 13-8.—**Parin, B. V.** [Method of shortening healing process in Filatov's skin graft] *Vest. khir.*, 1931, 23: 90-5. — Transplantation grosser Hautlappen mit Hilfe des runden Hautstiels durch beschleunigte Wanderung desselben im Unterarm. *Arch. klin. Chir.*, 1931, 168: 191-8. Also *Sovet khir.*, 1931, 1: 141-4.—**Parin, V. N.** [Grafting of hairy skin with the aid of pedunculated flap for the formation of eyebrows, mustache and beard] *Vest. khir.*, 1931, 24: 10-2.—**Pierce, G. W., & O'Connor, G. B.** The tubed pedicle flap in reconstruction surgery; report of cases. *California West. M.*, 1931, 35: 94-7.—**Sparrow, T. D.** The viability of the tube pedicle skin graft. *Am. J. Surg.*, 1938, 41: 92-5. — A tube-pedicle skin graft's usefulness to the general surgeon. *South. M. & S.*, 1938, 100: 514-23.—**Sutton, L. E.** The use of tubed pedicle flaps for the study of wound healing in human skin. *N. York State J. M.*, 1940, 40: 852-9.—**Taylor, G.** The tubed pedicle flap. *Nurs. Times, Lond.*, 1940, 36: 1103; 1131; 1162.—**Tecmenne, C.** Autoplastie par lambeau tubulé. *Liège méd.*, 1937, 30: 818-20.—**Tiesenhansen, K.** Zur Defektdeckung mit gestieltem Hautlappen. *Zbl. Chir.*, 1930, 57: 1985-8.—**White, W. C.** Pedicle graft of sole of foot. *Ann. Surg.*, 1937, 105: 472.—**Witte, G.** Resorptionsstudien an gestielten Hauttransplantaten. *Arch. klin. Chir.*, 1935-36, 184: 689-707.—**Zeno, L.** Técnica de los colgajos pediculados en las plásticas cutáneas. *Bol. Acad. argent. cir.*, 1940, 24: 886; 936. Also *Prensa méd. argent.*, 1940, 27: pt 2, 2442. Also *Scm. méd.*, B. Air., 1940, 47: pt 2, 1058-61.

— cutaneous: Full-thickness and small deep graft [Davis; Krause, &c.]

HECHAVARRIA Y VAILLANT, E. J. *Contribution à l'étude des greffes de Davis. 87p. 8°. Par., 1937.

NOËL, G. P. *De la greffe cutanée par transplantation totale. 54p. 8°. Bord., 1910.

Tizon, A. *Grefe cutanée totale. 55p. 8°. Par., 1911.

VINCENT, J. L. *Les greffes libres de peau totale; technique et indications [Paris] 64p. 24cm. Charenton, 1938.

Avstrits, N. R. [Transplantation of the skin by Krause's method] *Khirurgia, Moskva*, 1910, 27: 241-8.—**Budai, A. S.** [Improved knife and trepan for removal of epidermal plaques in free cutaneous plastic] *Ibid.*, 1938, No. 4, 168.—**Burian, F.** [Physiology and technic of free skin transplant] *Čas. lékař.*, 1931, 70: 667; 714. — The experiences of the Prague Institute for plastic surgery with free whole thickness skin grafts. *Rev. chir. struct., Brux.*, 1937, 7: 264-7.—**Caminitti Manganaro, E.** Dati sperimentali su un nuovo procedimento tecnico nella preparazione del lembo cutaneo tubulato in chirurgia plastica. *Rinasc. med.*, 1939, 16: 11 pl.—**Cardia, A., & Ligas, A.** Effetti della medicatura caldo-umida sui trapianti cutanei autoplastici liberi. *Riv. pat. spcr.*, 1934, 12: 475-84, 4 pl.—**Coelst, M.** La méthode de contention appliquée à la greffe libre de peau d'épaisseur totale. *Rev. chir. struct., Brux.*, 1937, 7: 253-8.—**Cole, P. P.** The extended use of the whole thickness skin graft. *Practitioner, Lond.*, 1926, 116: 311-3.—**Dantrelle.** Les greffes de peau totale libres. *Rev. chir. plast., Brux.*, 1932-33, 2: 3-16.—**Davis, J. S.** A rack for facilitating the handling of small deep skin grafts. *J. Am. M. Ass.*, 1917, 69: 997. — The small deep graft; development; relationship to the true Reverdin graft; technic. *Tr. South. Surg. Ass.*, 1928, 41: 395-408. Also *Ann. Surg.*, 1929, 89: 902-16. — The use of small deep grafts in the repair of surface defects. *Am. J. Surg.*, 1940, 47: 280-98.

— & **Traut, H. F.** A method of obtaining greater relaxation with whole thickness skin grafts. *Surg. Gyn. Obst.*, 1926, 42: 710.—**Desjardines & Millet.** Perte de substance cutanée de la cuisse gauche guérie par des greffes de Davis. *Lyon méd.*, 1933, 152: 222.—**Douglas, B.** The sieve graft; a stable transplant for covering large skin defects. *Surg. Gyn. Obst.*, 1930, 50: 1018-23.—**Dragstedt, L. R., & Wilson, H.** A modified sieve graft; a full thickness skin graft for covering large defects. *Ibid.*, 1937, 65: 104-6.—**Dufourmentel, L.** Greffes cutanées libres. *Otorhinolaryng. internat.*, Lyon, 1936, 20: 354. — Les variétés topographiques de greffes libres. *Rev. chir. struct., Brux.*, 1937, 7: 259-63.

— Les greffes libres de peau totale. *Rev. chir., Par.*, 1938, 76: 37-53. — Avantages inconvénients et limites des greffes libres de peau totale. *Presse méd.*, 1939, 47: 1336.—**Fobes, J. H.** Autoplastic whole thickness skin grafting. *J. Am. Inst. Homeop.*, 1914-15, 7: 1119-21.—**Galtier, M.** Greffes de peau totale libres. *J. chir., Par.*, 1937, 50: 322-35. Also *Mém. Acad. chir., Par.*, 1937, 63: 883.—**Garlock, J. H.** The full-thickness skin graft; its field of applicability and technical considerations. *Ann. Surg.*, 1933, 97: 259-73.—**Girardier, J. de.** Greffes de Halsted-Davis; conditions de transplantation et technique. *Lyon méd.*, 1927, 140: 89-103. — Greffes de Halsted-Davis; indications et résultats. *Ibid.*, 117: 145, 2 pl.—**Horsley, J. S., jr.** Full thickness skin grafts. *Internat. Surg. Digest*, 1933, 16: 67-82.—**Humby, G.** The advantage

production and fixation of the nearly full thickness graft. *Rev. chir. struct., Brux.*, 1937, 7: 274-7.—**Ivanisovich.** Injerto libre de piel total (Wolff-Krause) *Bol. Soc. cir. B. Aires*, 1936, 20: 587.—**Jones, H. T.** Burn contracture of right hand treated by full-thickness skin grafts. *Surg. Clin. N. America*, 1929, 9: 939.—**Keller, W. L.** Ten years of the tunnel skin graft. *Ann. Surg.*, 1930, 91: 924-36.—**Kilner, T. P.** The full-thickness skin graft. *Postgrad. M. J., Lond.*, 1935, 11: 279-82, 4 pl.—**Limberg, A. A.** [Use of free skin graft for the restoration of defects of the mucous membrane of the oral cavity, the conjunctival sac and defects of the skin inside the nostrils] *Sovet. khir.*, 1934, 6: 462-82.—**McWilliams, C. A.** Free, full-thickness skin grafts. *Ann. Surg.*, 1926, 84: 237-45.—**Minervini, R.** On the practical value of free grafting of the skin of the foetus and new-born. *Tr. Internat. Congr. M.* (1913) 1914, 17. Congr., Sect. 7, Surg. pt 2, 75.—**Morpurgo, B., & Milone, S.** Innesti omoplastici profondi di pelle e successivi innesti omoplastici in superficie. *Arch. sc. med.*, Tor., 1927, 49: 306-9.—**Nasseti, F.** Plastiche con canali cutanei preformati. *Attività med. ital.*, 1922, 5: 1.—**Newland, H. S.** Whole thickness dermo-epidermal skin grafts. *J. Coll. Surgeons Australasia*, 1928, 1: 62-4.—**Padgett, E. C.** Free full-thickness skin transplantation. *J. Kansas M. Soc.*, 1927, 27: 145-8. — The full-thickness skin graft in the correction of soft tissue deformities. *J. Am. M. Ass.*, 1931, 98: 18-23.—**Potter, E. B.** The free transplantation of skin; an evaluation of methods. *Surg. Gyn. Obst.*, 1935, 61: 713-20. Also *Univ. Hosp. Bull., Ann Arb.*, 1935, 1: 5.—**Sammis, G. F.** New method for transfer of full-thickness skin: grille graft. *Am. J. Surg.*, 1937, 36: 46-9.—**Sánchez-Arbide, A. S.** Free skin grafts: their classification. *Rev. chir. struct., Brux.*, 1937, 7: 270-3.—**Sánchez Galindo, J.** Los injertos libres de piel en cirugía. *Rev. españ. med. cir. guerra*, 1939, 3: 155-64.—**Schrock, R. D., & Johnson, H. F.** Free full-thickness skin transplant. *Nebraska M. J.*, 1934, 19: 91-3.—**Sheehan, J. E.** The use of free full thickness skin grafts. *J. Am. M. Ass.*, 1939, 112: 27-9.—**Skinner, H. L.** Tunnel skin graft; report of 4 cases. *Hosp. News, Wash.*, 1936, 3: No. 22, 35-8, 3 pl.—**Tiery, A.** Les greffes libres de peau totale. *Gaz. méd. France*, 1937, 44: 795-7.—**Voronchikhin, S. I.** [Permanent dressing in free transplantation of the skin on the extremities] *Nov. khir. arkh.*, 1940, 45: 244-7.—**Woolsey, J. H.** Free skin grafts of less than full thickness; causes for their failure or success. *California West. M.*, 1932, 36: 334-7.—**Young, A.** Skin grafting by the whole-skin method. *Proc. Interst. Postgrad. M. Ass. N. America* (1928) 1929, 217-233, 9 pl., port.—**Zee, Z. U.** A new technic for obtaining small deep grafts. *Chin. M. J.*, 1936, 50: 935-8, 2 pl.—**Zeno, L.** Contribución a la técnica del injerto libre de piel total; ilustración cinematográfica. *Sem. méd.*, B. Air., 1939, 46: pt 2, 829-31. Also *Bol. Soc. cir. B. Aires*, 1939, 23: 525-31. Also *Dña méd.*, B. Air., 1940, 12: 214.

— cutaneous: Methods.

BAUERS, H. G. [H. F.] *Ueber den Wundverband nach Hauttransplantation. 19p. 22cm. Rost., 1937.

CHRISTIE, H. K. Technique and results of grafting skin. 67p. 8°. Lond., 1930.

HASSID, I. J. *Contribution à l'étude des greffes en godets dans les autoplasties cutanées. 61p. 24cm. Par., 1936.

KLEIN, E. *Hauttransplantationen unter Druck. 20p. 8°. Gött., 1931.

WULLIAM, R. *Des greffes dermo-épidermiques; leur abandon à l'air libre avec pansement protecteur à distance. 51p. 8°. Lyon, 1910.

Alglave, P. La greffe dermo-épidermique en godets. *J. chir., Par.*, 1927, 29: 659-67.—**Ashley, F.** Foreskins as skin grafts. *Ann. Surg.*, 1937, 106: 252-6.—**Babcock, W. W.** Skin-grafting upon dry bone. *Surg. Clin. N. America*, 1928, 8: 773-5.—**Barlow, C. H.** An easy and usually successful method of skin transplantation. *China M. J.*, 1911, 25: 221-3.—**Bertocchi, A.** Decorticazione periarteriosa ed innesti auto ed omoplastici di pelle (nota riassuntiva) *Gior. Accad. med. Torino*, 1927, 4. ser., 33: 129-34. — Decorticazione periarteriosa alla Leriche ed innesti auto ed omoplastici di pelle. *Arch. ital. chir.*, 1931-32, 29: 1-36.—**Bettman, A. G.** A simpler technic for promoting epithelization and protecting skin grafts. *J. Am. M. Ass.*, 1931, 97: 1879-81. Also repr.—**Birnbaum, I. R.** Thioresol in wound healing and in skin grafting. *Ann. Surg.*, 1932, 96: 467-70.—**Bogoljubov, W. L.** Anwendung von freitransplantierten spiralgedrehten Hautstreifen zu verschiedenen Zwecken der Chirurgie. *Arch. klin. Chir.*, 1927-28, 149: 412-4.—**Bors, E.** Ein Instrument zur Erleichterung der Kutisplastik. *Zbl. Chir.*, 1927, 54: 2890.—**Bronaugh, W.** An ambulatory method of skin-grafting small areas by use of elastic adhesive. *West Virginia M. J.*, 1936, 32: 180.—**Brown, J. B.** Homografting of skin: with report of success in identical twins. *Surgery*, 1937, 1: 558-63.—**Canavero, G.** Plastiche cutanee con pelle di scroto. *Policlinico*, 1929, 36: sez. chir., 61-9.—**Carothers, J. C.** A comparison of 2 methods of skin grafting. *East Afr. M. J.*, 1936-37, 13: 345.—**Clemente, D.** Innesti dermo-epidermici. *Policlinico*,

- 1936, 43; sez. prat., 1861-3.—**Conway, J. H.** Technical details in skin grafting. *Surg. Gyn. Obst.*, 1936, 63: 369-71.—**Corachan, M.** Les greffes basales. *Bull. Soc. nat. chir., Par.*, 1933, 59: 1185-92.—**Coulaud.** Au sujet de la greffe dermo-épidermique en godets. *Ibid.*, 1927, 53: 389-405.—**Dean, S. R.** The dermigrift. *Surg. Gyn. Obst.*, 1939, 68: 930.—**Ellis, S. S., & Von Wedel, C.** The indications, results and reasons for use of the different types of skin grafts. *J. Oklahoma M. Ass.*, 1940, 33: No. 12, 8-14.—**Emerson, C.** Technic for the ideal skin-graft; with report of an extensive lymphangioma pigmentosa verrucosa (!) Nebraska M. J., 1928, 13: 214-22.—**Gabarró y García, P.** Los injertos cutáneos por el método de Esser. *Rev. cir. Barcelona*, 1935, 9: 45.—**Gerrie, J. W.** The choice of skin grafts in plastic surgery. *Canad. M. Ass. J.*, 1941, 44: 9-13.—**Grace, E. J.** Importance of prickle cell layer in skin grafting. *Am. J. Surg.*, 1936, 32: 498.—**Greeley, P. W.** Types of skin grafts and their individual application. *Illinois M. J.*, 1939, 75: 436-41.—**Havens, F. Z.** Preoperative and postoperative care in skin grafting. *Surg. Clin. N. America*, 1940, 20: 1087-92.—**Highsmith, E. D.** A new method of covering denuded areas with the surrounding skin. *Surg. Gyn. Obst.*, 1927, 45: 823.—**Humby, G.** Modified graft-cutting razor. *Brit. M. J.*, 1936, 2: 1086.—**Kameya, K.** Hauttransplantation und Desinfektionsmittel. *Zbl. Chir.*, 1928, 55: 2316.—**Kirkham, H. L. D.** Some uses of various types of skin grafts. *Med. Rec., Houston*, 1930, 24: 554.—**Koch, S. L.** The transplantation of skin and subcutaneous tissue to the hand. *Surg. Gyn. Obst.*, 1941, 72: 157-77.—**Krikent, R. K.** [Skin-graft by Alglav's modified method] *Khirurgia, Moskva*, 1939, No. 6, 58-63.—**Lahey, F. H.** Rope grafts. *Boston M. & S. J.*, 1926, 194: 1-5.—**Little, W. D.** The operation of skin grafting. *Med. Arts*, 1934, 37: 330.—**Mannheim, H.** Homoioplastische und heteroplastische Hauttransplantation beim Menschen. *Arch. klin. Chir.*, 1930, 162: 551-60. [Discussion] 147-52.—**Maynard, A. de L.** Technique of skin grafting. *Am. J. Surg.*, 1937, 37: 92-105. Also repr.—**Oldfield, M. C.** Skin graft spreading shovel. *Brit. M. J.*, 1940, 2: 671.—**Olesen, M.** [Skin grafting with film dressing] *Ugeskr. laeger*, 1939, 101: 144-7.—**Padgett, E. C.** Is skin grafting with isografts or homografts practicable? *Tr. West. Surg. Ass.*, 1932, 42: 281-94. Also *South. M. J.*, 1932, 25: 895-92. Also *West. J. Surg.*, 1933, 41: 205-12.
- The calibrated skin graft; a new principle and a new type of graft. *Tr. West. Surg. Ass.* (1938) 1939, 48: 80-100.
- Calibrated intermediate skin grafts. *Surg. Gyn. Obst.*, 1939, 69: 779-93.—**Picri, G.** Plastiche cutanee per gli arti. *Arch. ital. chir.*, 1927, 18: 607-21.—**Polano, H.** Klinische Beiträge zur Kautplastik. *Beitr. klin. Chir.*, 1931-32, 154: 551-62.—**Poth, E. J.** A new technique for cutting skin grafts; including description of new instruments. *Surgery*, 1939, 6: 935-9.—**Russell, C. V.** A new method of skin grafting. *J. Michigan M. Soc.*, 1932, 31: 804.—**Smith, F.** A rational management of skin grafts. *Surg. Gyn. Obst.*, 1926, 42: 556-62. — Pressure bags for skin grafting. *Ibid.*, 43: 99. — Skin graft for the ambulatory patient. *Am. J. Surg.*, 1938, 41: 67-9.—**Talbot & Mourgue-Molines.** Au sujet de la greffe dermo-épidermique en godets. *Mém. Acad. chir., Par.*, 1938, 64: 1057-64.—**Taylor, F.** Pressure bag in skin grafting. *Am. J. Surg.*, 1936, 33: 328.—**Tennant, C. E.** The use of rubberized open meshed net as a retaining dressing in skin-grafting. *Denver M. Times*, 1910-11, 30: 468-70.—**Trusler, H. M., & Cogswell, H. D.** The question of homoplastic skin grafting. *J. Am. M. Ass.*, 1935, 104: 2076.—**Udegaff, H. L.** The problem of the skin graft, with description of newer technique. *California West. M.*, 1930, 33: 679-81.—**Uribe Guerola, E.** Cirugía conservadora e ingerdos de piel en superficies amplias descubiertas. *Rev. cir. Hosp. Juárez, Méx.*, 1934, 5: 6-14.—**Venable, C. S.** Skin grafting of extensive areas. *Texas J. M.*, 1926-27, 22: 381.—**Verrière, M. L. P., & Barneville.** Les greffes dermo-épidermiques (historique, technique, indications) *Arch. méd. pharm. mil.*, 1934, 100: 173-92.—**Vivian, C. S.** A method of obtaining skin flaps in the repairing of mutilating injuries on the hands or feet. *Southwest. M.*, 1918, 2: 21.—**Vokoun, F. J.** The pinch graft. *Mil. Surgeon*, 1938, 83: 442.—**Vosburgh, A. S.** A new dressing for skin-grafting. *Tr. N. York Surg. Soc.*, 1912, 1: 186-8.
- cutaneous: Thick razor grafts [Blair]**
- Blair, V. P., & Brown, J. B.** The use and uses of large split-skin grafts of intermediate thickness. *Tr. South. Surg. Ass.*, 1928, 41: 409-24. Also *Surg. Gyn. Obst.*, 1929, 49: 82-97. — & **Byars, L. T.** The repair of surface defects, from burns and other causes, with thick split skin grafts. *South. M. J.*, 1935, 28: 408; 529.—**Hamm, W. G.** The split skin graft. *J. M. Ass. Georgia*, 1937, 26: 495-500.—**Kirkham, H. L. D.** Skin grafts with special reference to the split graft. *Med. Rec., Houston*, 1932, 26: 103-5.—**McPheeters, H. O.** Padgett's dermatome and split skin grafts. *Minnesota M.*, 1940, 23: 679.
- cutaneous: Thin razor grafts [Braun; Ollier; Reverdin; Thiersch]**
- BETHKE, U. [E. M.]** *Anwendungsmöglichkeiten der freien Hautüberpflanzung nach Braun und Reverdin [Berlin] 27p. 23½cm. Charlottenb., 1938.
- OLIVEIRA MATTOS, J. DE.** *Do enxerto de Braun (contribuição ao seu estudo) 77p. 8°. S. Paulo, 1927.
- Berezkin, N. F.** [Technique of transplantation of epidermis according to Thiersch] *Khirurgia, Moskva*, 1938, No. 12, 57-61.—**Bettman, A. G.** A new Thiersch graft razor. *J. Am. M. Ass.*, 1927, 89: 451. — Homogenous Thiersch grafting as a life saving measure. *Am. J. Surg.*, 1938, 39: 156-62.—**Brouk, M.** [Reverdin's graft] *Khirurgia, Moskva*, 1938, No. 4, 50-9.—**Caforio, L.** Di un nuovo metodo di innesti dermo-epidermici. *Rinasc.*, 1932, 9: 84-6.—**Carmona, L.** Sugli innesti cutanei auto, omo ed eteroplastici (ricerche sperimentali) *Ann. ital. chir.*, 1927, 6: 1234-56, pl.—**Connolly, E. A.** Skin grafting by implantation. *Nebraska M. J.*, 1930, 15: 323-5.—**Cook, T. E.** The Thiersch graft. *Dallas M. J.*, 1926, 12: 188.—**Dobrzaniecki, W.** Homotransplantation and the several blood groups; considerations on epidermal grafts made by the Thiersch method. *Ann. Surg.*, 1929, 90: 926-38.—**Ehalt, W.** Verwendungsmöglichkeiten der Reverdinplastik (primäre Deckung von Hautdefekten und sekundäre bei Narbenkontrakturen und Ulcus cruris) *Münch. med. Wschr.*, 1935, 82: 669-71.—**Ehlund, T.** [A method to fix transplanted skin-patches] *Fin. läk. säll. hand.*, 1911, 2: 517-20.—**Eiselsberg, A.** Thiersch-Transplantation. *Wien. klin. Wschr.*, 1933, 46: 1179.—**Erkes, F.** Ein Beitrag zur homoioplastischen Hautpflanzung. *Deut. Zschr. Chir.*, 1931, 234: 852-4.—**Esau, P.** Die Transplantation nach Thiersch. *Zbl. Chir.*, 1930, 57: 1780-3.—**Eymer, H.** Instrument zur mechanischen Gewinnung grösserer Thierschscher Lappen. *Deut. med. Wschr.*, 1935, 61: 1954.—**Fabiani, G. M.** Sull'innesto omoplastico della pelle nell'uomo. *Gior. Accad. med. Torino*, 1923, 4. ser., 29: 248-50.—**Fraser, N. D.** Skin-grafting by Reverdin's method; report of a case. *China M. J.*, 1927, 41: 364.—**Gatch, W. D.** Report of a case of extensive Thiersch skin graft. *Johns Hopkins Hosp. Bull.*, 1911, 22: 84, pl.— & **Trusler, H. M.** Use of ultraviolet light in the preparation of infected granulation tissue for skin grafting; the value of very thick Thiersch grafts. *Surg. Gyn. Obst.*, 1930, 50: 478-82.—**Gohrbandt, E.** Modifikation der Thierschschen Transplantation. *Arch. klin. Chir.*, 1928, 152: 112-5.—**Grasso, R.** Per una maggior diffusione delle autoplastiche per impianto di frammenti di pelle sec. *W. Braun.* *Baglivi*, 1938, 4: 222-5.—**Hoffmann, R.** *Apropos des greffes de Thiersch: 2 points de technique. *Schweiz. med. Wschr.*, 1926, 56: 816.—**Hsu, H. A.** The transplantation of skin; cosmetic results obtained by use of the Thiersch technique. *Chin. M. J.*, 1936, 50: 939-44, 4 pl.—**Joynt, R. L.** Subcutaneous plates and knives for cutting large Thiersch grafts for plastic surgery designed at the suggestion of Mr D. H. Gillies. *Irish J. M. Sc.*, 1928, 6. ser., 700-2, 2 pl.—**Kilner, T. P.** The Thiersch graft; its preparation and uses. *Postgrad. M. J., Lond.*, 1934, 10: 176-81, 3 pl. — The application of the Thiersch graft to special areas. *Ibid.*, 317-22, 4 pl.—**Kiskadden, W. S.** Newer methods of Thiersch grafting. *West. J. Surg.*, 1931, 39: 758-62.—**Kroeff, M.** Em torno do enxerto de Braun. *Fol. med., Rio*, 1931, 12: 145-8.—**Lapp, F. W., & Neuffer, H.** Wundabsonderung und Thiersch'sche Plastik. *Zbl. Chir.*, 1931, 58: 1634.—**Loeffler.** Die auto- und homoioplastische Epidermisimplantation. *Deut. Zschr. Chir.*, 1932, 236: 169-90.—**Loewe, O.** Ueber Hautimplantation an Stelle der freien Faszienplastik. *Münch. med. Wschr.*, 1913, 60: 1320.—**Luccioni, C.** Gli innesti dermo-epidermici alla Thiersch. *Rinasc.*, 1938, 15: 269.—**MacDermott, E. N.** The implantation method of skin-grafting. *Irish J. M. Sc.*, 1931, ser. 6, 613.—**Mannheim, H.** Erfahrungen mit der Braunschen Epidermisproppung. *Arch. klin. Chir.*, 1929, 154: 98-113.—**Marino, H.** Los injertos de piel. *Dia méd., B. Air.*, 1939, 11: 143-6.—**Marro, A.** Prelievo trans-corion degli innesti tegumentari. *Arch. ital. chir.*, 1938, 52: 897-903.—**Rank, B. K.** Use of the Thiersch skin graft. *Brit. M. J.*, 1940, 1: 846-9.—**Rulison, E. T.** The postoperative care of Ollier-Thiersch skin grafts; advisability of daily surgical dressings. *Surg. Gyn. Obst.*, 1927, 45: 708-10.—**Shih, H.** Reverdin skin grafts; with a report of 2 cases. *Nat. M. J. China*, 1930, 16: 563-71, pl.—**Szutu, C., & Chen, C. Y.** Thiersch skin grafting; use of the collodion-gauze technique. *Chin. M. J.*, 1940, 57: 535-45, pl.—**Tewfik Omar.** Skin grafting by Thiersch's method. *J. Egypt. M. Ass.*, 1934, 17: 654.—**Waard, T. de** [Transplantation of epithelium by Braun's method] *Geneesk. tschr. Ned. Indië*, 1930, 70: 1050, pl.—**Wangenstein, O. H.** The implantation method of skin grafting. *Surg. Gyn. Obst.*, 1930, 50: 634-8.—**Westhues, H.** Eine Modifikation der Thierschschen Epitheltransplantation. *Arch. klin. Chir.*, 1926, 142: 789-91.—**Williams, G. A.** End-result in Thiersch graft; a case observed after 30 years. *Arch. Surg.*, 1928, 16: 938-41. Also repr.—**Wyder, A.** Ueber den Schutz der Thiersch'schen Transplantation mit Korkpapier. *Zbl. Chir.*, 1913, 41: 3-5.
- experimental.**
- See also **Embryogeny**; also names of various organs.
- Beadle, G. W., & Ephrussi, B.** Transplantation in *Drosophila*. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 642-6.—**Danforth, C. H.** Chorio-allantoic grafting followed by direct transplantation in the chick. *Proc. Soc. Exp. Biol., N. Y.*, 1929-30, 27: 1066.—**Golyanitski, I. A.** [Experiments with transplantation in intravital stained animals] *Med. obozr.*, 1914, 81: 45-63, 2 pl.—**Goodpasture, E. W., Douglas, B., & Anderson, K.**

A study of human skin grafted upon the chorioallantois of chick embryos. *J. Exp. M.*, 1938, **68**: 891-904, 3 pl. Also repr.—**Little, M. E.** The transplantation of mammalian tissues into amphibian tadpoles. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, **26**: 372-4.—**Meyer, R.** Experimentelles zur Hauttransplantation. *Wien. klin. Wschr.*, 1937, **50**: 1424.—**Przibram, H.** Transplantation and regeneration; their bearing on developmental mechanics; a review of the experiments and conclusions of the last 10 years (1915-24). *Brit. J. Exp. Biol.*, 1925-26, **3**: 313-30.—**Santos, F. V.** Studies on transplantation: Planaria. *Physiol. Zool.*, 1931, **4**: 111-64.—**Sauter, V.** Regeneration und Transplantation bei erwachsenen Fischen. *Arch. Entw.-mech.*, 1934-35, **132**: 1-41.

experimental: intracerebral.

Califano, L., & Guerriero, C. Ricerche sulla reazione istogenica nei trapianti di tessuto nel cervello (nota riassuntiva) *Riv. pat. sper.*, 1926, **1**: 474-6.—**Roux-Berger, J. L.** Greffes de peau totale sur la dure-mère. *Bull. Soc. nat. chir.*, Par., 1927, **53**: 1305-8.—**Sakurane, Y.** Experimentelle Untersuchungen über die Implantation der Hautstücke mit besonderer Berücksichtigung derselben in das Gehirn; Versuche durch Autoimplantation. *Jap. J. Derm. Urol.*, 1929, **29**: 51, 2 pl. — Versuche durch Homoiotransplantation. *Ibid.*, 1930, **30**: 25; 26.—**Shirai, S.** Experimentelle Untersuchungen über die Degenerations- und Regenerationsvorgänge der Nervenfasern im intrazerebralen transplantierten Gewebe; Versuch der Hauttransplantation. *Mitt. Med. Akad. Kioto*, 1935, **14**: 226-50, 5 pl.—**Umeda, S.** Versuche über Transplantation der Uterusgewebe; Transplantation ins Gehirn. *Mitt. allg. Path.*, Sendai, 1928-29, **5**: 269-98, 2 pl.—**Willis, R. A.** Experiments on the intracerebral implantation of embryo tissues in rats. *Proc. R. Soc., Lond.*, 1935, ser. B., **117**: 40-12, 2 pl. — The growth of embryo bones transplanted whole in the rat's brain. *Ibid.*, 1936-37, ser. B., **120**: 496-8, pl.

experimental: intraocular.

See also **Biology, Methods; Pharmacology, Methods.**

Dworzak, H., & Podleschka, K. Ueber die Funktion autoplastisch in die Augenvorderkammer verpflanzter Stücke der Uteruswand des Kaninchens. *Arch. Gyn.*, Berl., 1934, **157**: 229-49.—**Goodman, L.** Observations on transplanted immature ovaries in the eyes of adult male and female rats. *Anat. Rec.*, 1934, **59**: 223-51.—**Heckel, N. J., & Kretschmer, H. L.** Physiological responses of transplanted prostatic tissue in the anterior chamber of the eyes of rabbits. *Surg. Gyn. Obst.*, 1935, **61**: 1-5.—**Koch, C.** Impianti di tessuti dell'occhio nella camera anteriore. *Atti Soc. med. chir. Padova*, 1933, ser. 2, **11**: 959-77.—**Schreiber, B., & Schreiber, G.** Innesti di tessuti nell'occhio di cavia; innesti di tessuti epiteliali in camera anteriore. *Boll. Soc. ital. biol. sper.*, 1938, **13**: 669.—**Innesti di tessuti nell'occhio di cavia; comportamento di tessuti connettivi negli innesti in camera anteriore.** *Ibid.*, 1937-2.—**Innesti di tessuti nell'occhio di cavia; innesti abbinati di organi endocrini, in camera anteriore.** *Ibid.*, 1937-2.—**Innesti di tessuti nell'occhio di cavia; innesti di tessuti nel vitreo.** *Ibid.*, 1937.—**Primi risultati di impianti abbinati di organi endocrini in camera anteriore dell'occhio di cavia.** *Riv. biol.*, 1937, **22**: 40-58.—**May, R. M.** Action vicariante durable de la greffe intraoculaire de thyroïde de Raton nouveau-né sur le développement du rat blanc éthyroïdé *Arch. biol.*, Liège, 1933, **44**: 149-78, 2 pl.—**Moore, R. A., Melchionna, R. H.** [et al.] The physiological response of prostatic and vesicular transplants in the anterior chamber of the eye. *J. Exp. M.*, 1937, **66**: 281-9.—**Moore, R. A., Rosenblum, H. B.** [et al.] Variation in the size of transplants of the prostate and seminal vesicle in the anterior chamber of the eye. *Ibid.*, 1937-9, pl.—**Tolins, S. H.** The physiologic response of prostatic and vesicular tissue transplanted into the anterior chamber of the eye. *Arch. Path.*, Chic., 1937, **24**: 119.—**Podleschka, K., & Dworzak, H.** Die Transplantation von Organen und Organen in die vordere Augenkammer des Kaninchens als biologische Methode. *Med. Klin.*, Berl., 1934, **30**: 438-41.—**Turner, G. D.** Intra-ocular heterotransplantation of gonads and sex accessories from the albino mouse to the albino rat. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, **36**: 314.

experimental: intraperitoneal.

Antonoli, G. M., & Villata, G. Innesti omoplastici di pelle in peritoneo. *Arch. sc. med.*, Tor., 1928, **52**: 76-83.—**Krauss, F.** Ueber Implantation gestielter Hautlappen in das Peritoneum unter besonderer Berücksichtigung der Möglichkeit einer funktionellen Anpassung der äusseren Haut. *Arch. mikr. Anat.*, 1912, **79**: 1. Abt., 332-60, 2 pl.—**Pagel, W.** Ueber die Rolle der Allee beim Abbau in die Bauchhöhle überpflanzter Gewebsteile. *Krankheitsforschung*, 1928, **6**: 337-7.—**Vallone, D.** La peritonite autolitica consecutiva a trapianto nell'addome di organi e di tessuti. *Riforma med.*, 1931, **47**: 1293-7.

free.

See also **Grafting, cutaneous.**

Donati. Innesti liberi e trapianti di tessuti e di organi. *Studium*, Nap., 1913, **6**: 124-32.—**Dufourmentel, L.** La destinée des greffes libres. *Rev. chir. struct.*, Brux., 1936-37,

6: 371-83. — Les différentes applications des greffes libres en oto-rhino-laryngologie. *Prat. méd. fr.*, 1937, **18**: 187-95.—**Dujardin, E.** [Healing process in free transplantation] *Ugeskr. læger*, 1936, **98**: 1073.—**Levin, O. A.** [Free tissue transplantation] In *Oshibki & co. lech. khir. zabol.* (Hesse, E. R. et al.) 1936, **1**: 511-26.—**Lexer, E.** Die freie transplantation. *Rapp. Congr. Soc. internat. chir.*, 1914, **4**. Congr., 427-67.—**Rubashov, S. M.** [Free transplantation of tissues and organs, clinically considered] *Vopr. nauch. med.*, 1913, **1**: 762-90.—**Runeberg, B.** [The advances of surgery in free transplantations] *Fin. läk. säll. hand.*, 1916, **58**: 1694-706.

heterogenous.

ROESE, R. *Ueber den Stoffwechsel in heteroplastischen Transplantaten. 16p. 8°. Gött., 1932.

Baudoin, R. Différence de comportement entre séries réciproques de greffes hétéroplastiques chez les lombriciens. *C. rend. Soc. biol.*, 1933, **112**: 160-2. — La parenté taxonomique et la dégénérescence des greffes hétéroplastiques chez les lombriciens. *Ibid.*, 162. — L'activité des lombriciens, son retentissement possible sur le comportement des greffes hétéroplastiques. *Ibid.*, 276.—**Deiguel, A.** La greffe hétéroplastique est-elle permise au triple point de vue moral, social et légal? *Gaz. sc. méd. Bordeaux*, 1914, **35**: 123-8. Also *Bull. Soc. méd. chir. Bordeaux* (1914) 1915, 42-56. [Discussion] 59-68.—**Loeb, L.** Comparison of the reactions against heterotransplanted tissues in different kinds of hosts. *Biol. Bull.*, 1935, **68**: 440-50. — & **Harter, J. S.** Heterotransplantation of cartilage and fat tissue and the reaction against heterotransplants in general. *Am. J. Path.*, 1926, **2**: 321-37.—**Makevinn, N. J.** K voprosu o heteroplastike. *Russ. vrach*, 1912, **11**: 990.—**Murphy, J. B.** Factors of resistance to heteroplastic tissue grafting. *Proc. N. York Path. Soc.*, 1914, **14**: 99.—**Silberschmidt, K.** Die physiologischen Wechselbeziehungen zwischen heteroplastischen Pfropfpflanzen. *Riv. biol.*, 1938, **24**: 80-98.

homogenous.

RESCHKE, K. *Die autoplastische und homoioplastische Transplantation. 24p. 8°. Berl., 1913.

VEZIN, H. *Etude médico-légale des homogreffes. 58p. 8°. Par., 1928.

Astrakhansky, V. A. [The author's method in homoplasty] *Sovet. khir.*, 1933, **4**: 202-9.—**Baetzer, W., & Beck, S.** Ueber Homoiotransplantation. *Zbl. Chir.*, 1928, **55**: 272.—**Baudolino, M.** Il significato dell'immunità specifica di organo sull'attecchimento dell'innesto omoplastico. *Gior. batt. immun.*, 1927, **2**: 381-9.—**Bogomolets, O.** [Why homotransplants do not graft] *J. méd.*, Kiev, 1935, **5**: 137-42.—**Brüda, B. E., & Kreiner, W.** Homoioplastik und Reteilendothel. *Deut. Zschr. Chir.*, 1930, **222**: 285-301.—**Fischer, H.** Tierexperimentelle Studien zum Problem der Homoiotransplantation. *Arch. klin. Chir.*, 1929, **156**: 224-50.—**Gohrbandt, E.** Die Hauthomoioplastik im Tierexperiment unter besonderer Berücksichtigung in der Parabiose. *Ibid.*, 1926, **139**: 471-524.—**Kettel, K.** [Homotransplantation based on blood-group determination with special regard to skin transplantation] *Bibl. læger*, 1929, **121**: 204-30.—**Laméris, H. J., & Brummelkamp, R.** [Homotransplantation] *Ned. tsehr. geneesk.*, 1932, **76**: pt 3, 3670-4, 2 pl.—**Schürch, O.** Zur Frage der homoplastischen Epitheltransplantation. *Zbl. Chir.*, 1931, **58**: 451-3.—**Spiezia, V.** Illecità penale degli innesti omoplastici. *Scuola posit.*, 1932, n. ser., **12**: 147-59.

nerve.

See also in 3. ser. **Nerve-grafting.**

BLONDIN, M. *Contribution à l'étude des greffes de nerfs; nouveaux faits cliniques et expérimentaux. 104p. 8°. Par., 1928.

Bentley, F. H., & Hill, M. The possibilities of nerve grafting. *Brit. M. J.*, 1940, **2**: 352.—**Blondin, M.** Sur le choix du greffon dans les greffes de nerfs périphériques. *Médecine*, Par., 1927-28, **9**: 999.—**Chiassierini, A.** Ricerche sperimentali e contributo clinico sui trapianti liberi di nervi. *Rapp. Congr. Soc. internat. chir.*, 1924, **6**. Congr., 2: 248-258.—**D'Abundo, G.** Sulle manifestazioni di vitalità nei trapianti del tessuto nervoso. *Riv. ital. neuropat.*, 1913, **6**: 145-58.—**Davis, L., & Cleveland, D. A.** Experimental studies in nerve transplants. *Tr. West. Surg. Ass.*, 1933, **43**: 295-316. Also *Ann. Surg.*, 1934, **99**: 271-83.—**Duroux, E.** Greffes nerveuses expérimentales. *Lyon chir.*, 1911, **6**: 537-54. — Technique des greffes nerveuses vivantes. *Rev. techn. chir.*, Par., 1932, **24**: 21-6.—**Fittipaldi, C.** Trapianto libero dei nervi e colorazione vitale. *Riv. neur.*, Nap., 1935, **8**: 313-34, 3 pl.—**Gosset, A., & Bertrand, I.** La moelle épinière, utilisée comme greffe hétéroplastique dans les blessures des nerfs périphériques; recherches cliniques et expérimentales. *J. chir.*, Par., 1938, **51**: 481-505.—**Ingebrigtsen** [Experiments in nerve transplantation] *Forh. Med. selsk. Kristiania*, 1914, 4-6.—**Jianu, J., & Buzoianu, G.** Considérations sur les greffes nerveuses; hétérogreffe du grand sciatique. *Lyon chir.*, 1927, **24**: 625-41.—**Klein, M.** Sur la greffe des

nerfs cutanés et sur les facteurs déterminant la différenciation de cellules tactiles. C. rend. Soc. biol., 1933, 112: 1105-7.—**Le Jemtel**, Section complète et ancienne du médian et du cubital; greffe nerveuse de sciatique de chien; guérison des troubles trophiques et sensitifs. Lyon chir., 1917, 14: 895-7.—**May, R. M.** Répercussions de la transplantation nerveuse chez le porte-greffe. Encéphale, 1932, 27: 885-902, 3 pl.—**Pasealis, G.** Les greffes nerveuses. In Prat. chir. illust. (Pauchet, V.) 3. ed., Par., 1932, 18: 123-37.—**Peterson, R.** Peripheral nerve transplantation, with report of a case in which the sciatics of a dog were transplanted successfully between the severed ends of the median and ulnar nerves of a man. Am. J. M. Sc., 1899, 117: 377-405. Also repr.—**Sayles, L. P.** Buds induced from implants of nerve cord and neighboring tissues in the polychaete *Clymenella torquata*. Biol. Bull., 1939, 76: 330; 1940, 78: 298.—**Sweet, P. W.** The alcoholized nerve graft; an experimental study. Ann. Surg., 1929, 89: 191-8.—**Teneff, S.** Experimentelle Untersuchungen über die laterale Nervenimplantation. Arch. klin. Chir., 1938-39, 194: 516-28.—**Ward, J. W.** A histological study of transplanted sympathetic ganglia. Am. J. Anat., 1936, 58: 147-77, 3 pl.

organ.

See also under names of organs; also **Organogenesis**.

GRIESSER, W. *Versuche über Fettbildung in implantierten Organen [Freiburg i. B.] 24p. 8°. Naumburg, 1911.

PRZIBRAM, H. Tierpfpfung; die Transplantation der Körperabschnitte, Organe und Keime. 303p. 8°. Brnschw., 1926.

ZERVOS, S. La phyteusis des organes; la transplantation des organes. 112p. 8°. Par., 1936.

Belkin, R. Régénération de segments de membres transplantés sur le dos de l'axototl. C. rend. Soc. biol., 1933, 114: 987.—**Carrel, A.** The transplantations of organs. Rapp. Congr. Soc. internat. chir., 1914, 4. Congr., 469-474.—**Castiglioni, G.** Ulteriori ricerche intese a modificare il comportamento di innesti omoplastici di organi. Atti Soc. lombard sc. med., 1927, 16: 34-49.—**Creite**. Ergebnisse der Transplantation von Organen. Schmidt's Jahrb., 1913, 317: 468-80.—**Eiselsberg, A.** Organtransplantation. Wicn. med. Wschr., 1930, 80: 50-5.—**Furukawa, H.** Transplantation-experiments on appendages of *Anisobis maritima* (Dermoptera) Jap. J. Zool., 1938-40, 8: 479-35.—**Garré**. Ueber Gefäss- und Organtransplantationen. C. rend. Congr. internat. méd., 1909, 16. Congr., Sect. 3, Path., 1-12.—**Graf, H.** Ueber Transplantationen des Hahnsensorns auf den Kamm. Münch. tierärztl. Wschr., 1926, 77: 571-5.—**Heller, E.** Transplantation de órganos. Progr. clin., Madr., 1913, 1: 89-102.—**Hoffmeister, W.** Homo- und heteroplastische Organtransplantationen unter Berücksichtigung der Lebensfärbung. Deut. Zschr. Chir., 1927, 207: 1-15.—**Idem, M.** La transplantation d'organes. Rev. méd., Louvain, 1926, 218-20.—**Koppányi, T.** Transplantation of organs. Sc. Month., 1928, 27: 502-5.—**Kross, I.** Parobiosis and organ transplantation. Surg. Gyn. Obst., 1922, 35: 495.—**Leeamp, M.** Transplantations d'ébauches des membres postérieurs chez le crapaud accoucheur (*Alytes obstetricans* Laur) C. rend. Acad. sc., 1933, 196: 432-4.—**Lerda, G.** Beitrag zur totalen Meloplastik. Deut. Zschr. Chir., 1913, 121: 126-36.—**Loeb, L.** Autotransplantation and homoiotransplantation of the thyroid gland in the rat; with some observations on transplantation of the parathyroid, uterus and ovaries. Am. J. Path., 1926, 2: 301-13.—**Mann, F. C.** Transplantation of organs. In Contr. Med. Sc. (E. Libman) N. Y., 1932, 2: 757-71.—**Marmoston-Gottesman, J., & Gottesman, J.** Autoplastic lymph node and thymus transplants; comparative studies. Arch. Path., Chic., 1928, 6: 406-17.—**May, R. M.** Modifications of nerve centers due to the transplantation of the eye and olfactory organ in anuran embryos. Proc. Nat. Acad. Sc. U. S., 1927, 13: 372-4.—**Mühsam, R.** Ueber Transplantation und den künstlichen Ersatz von Organen. Zschr. ärztl. Fortbild., 1913, 10: 619-27.—**Müller, L.** Essais sur les greffes d'organes. C. rend. Soc. biol., 1920, 83: 202.—**Nicholas, J. S.** Effect of medulla transplantation. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 1018.—**Nicoletti, V.** Sui trapianti dei vasi e degli organi. Arch. soc. ital. chir. (1909) 1910, 23: 711-7.—**Schwind, J. L.** Heteroplastic transplantation of halves of girdle rudiment in *Amblystoma*. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 290.—**Szepsenwol, J.** Transplantation heterotópica de las vesículas óptica y olfativa en las larvas de axotol. Rev. Soc. argent. biol., 1938, 14: 288-95.—**Twitty, V. C., & Schwind, J. L.** Growth of heteroplastically transplanted eyes and limbs in *Amblystoma*. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 686. Also J. Exp. Zool., 1931, 59: 61-86.

Pathology.

Cruz, J. Ueber experimentelle Amyloiderzeugung durch Organüberpflanzung. Frankf. Zschr. Path., 1931, 41: 250-6.—**Didier, R., & Guyon, L.** Production de cartilage et d'os, au sein de greffes vivantes et mortes, chez le lapin. C. rend. Soc. biol., 1928, 98: 443-5.—**Gosset, A.** Production hétérotopique du tissu osseux après greffe de muqueuse des voies urinaires.

Bull. Soc. nat. chir., Par., 1934, 60: 1294-300.—**Guillery, H.** Weitere Versuche zum Nachweis dysorischer und anoxämischer Schädigungen am Transplantat und Explantat. Frankf. Zschr. Path., 1939, 53: 522-31.—**Ueber den Nachweis anoxämischer und dysorischer Gewebeschädigungen am Transplantat.** Virchows Arch., 1939, 304: 317-35.—**Heim, G.** Ueber die Lebensdauer und den Abbau transplanterter Organstücke; Untersuchungen an Retransplantaten. Frankf. Zschr. Path., 1939, 53: 390-400.—**Paolucci, F.** Gli innesti autoplastici nei conigli sensibilizzati (ricerche sperimentali) Ann. ital. chir., 1929, 8: 264-80.—**Peer, L. A.** Fate of buried skin grafts in man. Arch. Surg., 1939, 39: 131-44.—**Raiford, T. S., & Eberhard, T.** Pathologic changes in exteriorized gastrointestinal grafts. Ann. Surg., 1936, 104: 175-83.—**Regen, E. M., & Wilkins, W. E.** Phosphatase in heterotopic bone formation following transplantation of bladder mucosa. J. Lab. Clin. M., 1934-35, 20: 250-2.—**Wiehmann, F. W.** Elephantiasis eines plastischen Hautlappens am Daumen. Arch. klin. Chir., 1932, 169: 783-8.—**Zimehes, J. L.** Ueber das Schicksal des in die tieferen Gewebe frei transplantierten Deckepithels in Zusammenhang mit der Lehre von den Epithelysten. Frankf. Zschr. Path., 1931, 42: 203-27.

reparative, and compensatory.

See also **Rejuvenation; Surgery, plastic, &c.**; also under names of systems, organs, glands, parts, tissues and diseases as **Nervous system, Surgery; Ovary, Transplantation; Rhinoplasty, &c.**

Alglave, P. De la réparation des substances cutanées par des semis dermo-épidermiques. Presse méd., 1917, 25: 419.—**Beekman, F.** Grafts and transplants. Am. J. Surg., 1934, 26: 528-32. Also repr.—**Berdiehevsky, G. A.** [Homoplastic tissue as therapeutic factor] Khirurgia, Moskva, 1937, No. 7, 3-7.—**Berezkin, N. F.** [Sliding flap method of skin graft in open injuries of bones and joints] Ortop. travmat., 1939, 13: No. 2, 38-41.—[Autoplastic correction of defects of the skin on the lower extremities] Vest. khir., 1939, 58: 196-204.—**Blane Fortaein, J.** Injertos quirúrgicos. Med. ibera, 1933, 27: 208-11.—**Brown, J. B., & Byars, L. T.** Spontaneous and surgical covering of raw surfaces. J. Lancet, 1940, 60: 503-12.—**Connolly, E. A., & Jensen, W. P.** Skin defects repaired with grafts. Nebraska M. J., 1939, 24: 253-6.—**Dufourmentel, L.** Chirurgie plastique; greffes; opérations correctrices et esthétiques. In Nouv. prat. derm. (Darier, Sabouraud, et al.) Par., 1936, 8: 709-43.—**Ertl, J.** Mit Regeneration und Transplantationsverfahren erzielte praktische Resultate beim Menschen. Mschr. ungar. Med., 1927, 1: 196-201.—**Esser, J. F. S.** Ueber Arterienlappen, Epithelienlagen, verschliessbaren Anus praeternaturalis und Reserveknorpel in der struktiven Chirurgie. Med. Klin., Berl., 1922, 18: 793-6.—**Filatov, V. P.** [On therapeutic grafting of tissues] Vrach. delo, 1938, 20: 813-22. Also Probl. tuberk., Moskva, 1939, No. 6, 8-13.—**Fiseher, F.** Eine Methode zur Heilung grosser Hautdefekte an den Extremitäten. Deut. med. Wschr., 1912, 38: 415.—**Fuld, J. E.** Autotransplantation of a toe for traumatic loss of a finger. J. Am. M. Ass., 1926, 86: 1281.—**Gohrbandt, E.** Transplantações como bases para onefações plásticas. Hora med., Rio, 1939, 3: No. 6, 41-3.—**González Ulloa, M.** Resultados obtenidos de la utilización de diversos materiales para reparaciones plásticas. Rev. mex. cir., 1940, 8: 463-79.—**Holzapfel.** Mehr Transplantantien. Münch. med. Wschr., 1916, 63: 1469; 1835.—**Ilin, F. N.** [Transplantation in gynecology and its future] J. akush., 1925, 36: 328-39.—**Koch, S. L.** The covering of raw surfaces, with particular reference to the hand. Surg. Gyn. Obst., 1926, 43: 677-86.

The treatment of contractures with the aid of free full thickness skin-grafts and pedunculated flaps. Surg. Clin. N. America, 1927, 7: 611-26.—**Kanaval, A. B.** Contractures due to burns; treatment with free full thickness grafts and pedunculated flaps. J. Am. M. Ass., 1929, 92: 277-81.—**Lang, M.** Ueber Epithelisierung mittels Transplantation. Derm. Wschr., 1930, 91: 1478-83.—**Lyle, H. H. M.** Skin plastics in the treatment of traumatic lesions of the hand and forearm. Ann. Surg., 1926, 83: 537-42.—**McIndoe, A. H.** The applications of cavity grafting. Proc. Interst. Postgrad. M. Ass. N. America, 1936, 289-93. Also Surgery, 1937, 1: 535-57.—**Magnuson, P. B., & Coulter, J. S.** A case of bad judgment. Internat. Clin., 1921, 31, ser., 2: 180, 2 pl.—**Massie, F. M.** The use of skin grafts in plastic surgery. Kentucky M. J., 1930, 28: 238-46.—**Matthews, D. N.** Skin grafts in the casualty department. Lancet, Lond., 1939, 2: 597.—**Mauelaire.** Les greffes chirurgicales. Rev. path. comp., Par., 1924, 24: 475-85. Also Rev. méd. fr., 1927, 8: 9-30.—**Mirizzi, P. L.** Hautplastik der oberen Gliedmassen bei Narbenschwundungen und grossen Substanzverlusten. Deut. Zschr. Chir., 1930, 222: 320-31.—**Morestin, H.** Greffes et transplantations dans la chirurgie réparatrice. Rapp. Congr. Soc. internat. chir., 1914, 291-338, 11 pl.—**Moskov, G.** L'utilisation de la peau pour réparer les lésions tendineuses avec pertes de substance. J. chir., Par., 1937, 50: 607-20.—**Neuhof, H.** Late result of transplantation of toe for missing finger. Ann. Surg., 1927, 85: 139-41.—**Partridge, G. T.** The value of skin grafts in traumatic lesions. Med. Press & Circ., Lond., 1938, 196: 132-5.—**Peer, L. A.** Buried grafts used to repair depressions in the brow, eye socket, skull and nose. J. M. Soc. N. Jersey, 1938, 35: 601-5.—**Pickerill, H. P.** Restoration

of the buccal sulcus by intraoral skin grafting. *Med. J. & Rec.*, 1927, 126: 671-4.—**Picot, G.** Vingt-trois cas de greffes de fascia lata pour hernies musculaires (12 cas) couverture du nerf sciatique poplitée externe près le col du péroné (5 cas) hernies viscérales (2 cas) réfection de tendons (4 cas). *Bull. Soc. chir. Paris*, 1917, n. ser., 43: 951-5.—**Rehn, E.** Bemerkungen zu der Arbeit von Dr von Brandis: Seltene Aponeuroseverletzung; gleichzeitig Beiträge zur Kutisplastik. *Zbl. Chir.*, 1933, 60: 805. — Wiederherstellungschirurgie einschliesslich der Verwertung freier Transplantationen, Ueberblick und heutiger Stand. *Arch. klin. Chir.*, 1936, 186: 244-66. [Discussion] 84. Also *Zbl. Chir.*, 1936, 63: 1240.—**Sheehan, J. E.** Skin grafts in reparative surgery. *Actas Congr. As. méd. panamer.* (1928-29) 1930, 1. Congr., 527-35. — Application of epidermic skin and mucous membrane grafts to congenital and acquired states. *Med. Rec.*, N. Y., 1940, 152: 404-8.—**Tagliavacche.** Sobre algunas plásticas cutáneas; restauración de la axila y dos casos de autoplastia retroauricular. *Bol. Soc. cir. B. Aires*, 1924, 8: 74-7, 2 pl.—**Tandberg, O.** Om transplantationer og deres anvendelse i kirurgien. *Norsk. mag. lægevid.*, 1910, 5 R., 8: 632-43.—**Theilhaber, A.** Implantationstherapie, System einer neuen biologischen Heilmethode. *Jahrbuch. ärztl. Fortbild.*, 1929, 20: H. 1, 34-48.—**Thuss, C. J.** Skin grafting and reconstructive surgery. *J. M. Ass. Alabama*, 1940-41, 10: 77-83.—**Uihlein, A., jr.** Use of the cutis grafts in plastic operations. *Arch. Surg.*, 1939, 38: 118-30.—**Viannay.** Greffe par approche pour cicatrices vicieuses du dos de la main et de la face postérieure de l'avant-bras. *Loire méd.*, 1911, 30: 143-6.—**Vincent, B., Green, R. M. [et al.]** Skin grafting in the repair of contractures due to burns. *Boston M. & S. J.*, 1911, 165: 246, pl.—**Woodward, C. S.** A plea for skin grafting. *Texas J. M.*, 1924-25, 20: 445.

Serology.

Kucherenko, U. G. [Formation of antibodies in homo- and heterotransplantation of the skin] *J. méd.*, Kiev, 1935, 5: 287-96.—**Lenart, G., & König, J.** Ueber den Isoagglutinationsgehalt des Gewebssafes und seine Beziehung zur Gewebstransplantation. *Klin. Wschr.*, 1928, 7: 549.—**Oshikawa, K.** Antikörperbildung durch Transplantate. *Zschr. Immunforsch.*, 1921, 33: Orig., 297-305.—**Proebsting, E. L., & Barger, E. H.** The precipitin reaction as a means of determining the congeniality of grafts. *Science*, 1927, 65: 573.—**Schwarzmann, E. M.** Die Frage der Homoiotransplantation im Lichte der Gruppenindifferenzierung des menschlichen Blutes. *Zbl. Gyn.*, 1928, 52: 2593-602.—**Trivellini, A.** Il significato degli anticorpi organospecifici sull'attaccamento degli innesti omoplastici. *Gior. batt. Immun.*, 1928, 3: 48-68.

Technic.

Bakkal, I. S. [Plastic operations with tissue pedicles: Filatov's method] *Vest. khir.*, 1927, 9: 25, 144-6.—**Bonneau, R.** Technique de la greffe italienne chez les vieux blessés. *Progr. méd.*, Par., 1918, 3. ser., 33: 291-4.—**Brenizer, A. G.** Skin and fascia grafting. *Am. J. Surg.*, 1940, 47: 265-79.—**Darcissac, M.** La prothèse pré- et post-opératoire dans l'application des greffes cutanées, cutanéomusculaires, cartilagineuses ou osseuses, et dans l'amélioration des cicatrices. *Bull. Soc. chir. Paris*, 1936, 28: 424-33.—**Dartigues.** Nuevas técnicas operatorias del injerto animal en la mujer. *Rev. españ. med.*, 1928, 11: 271-5.—**Elgart, J.** [New methods of transplantation] *Cas. lek. česk.*, 1913, 52: 367.—**Haggland, P. B.** Instrument for pinch grafting. *Am. J. Surg.*, 1938, 39: 171.—**Katzenstein, M.** Taschenplastik. *Berl. klin. Wschr.*, 1918, 55: 1246.—**Kovtunovich, G. P.** [Means of preserving material for grafting in surgery] *Sovet. vrach. gaz.*, 1932, 47-9.—**Kubányi, E.** Ueber provisorische Aufbewahrung der zu transplantierenden Gewebe. *Arch. klin. Chir.*, 1930, 161: 502-10.—**Lavrova, M. P.** [Transplantation of living tissue into the cavities of bones] *Russ. vrach.*, 1913, 12: 156.—**Macey, H. B.** A new instrument for passing portions of tendons and fasciae latae. *Am. J. Surg.*, 1940, 47: 686.—**Poggi, J.** Exentros livres e exentros pediculados. *Fol. med.*, Rio, 1929, 10: 403-6.—**Richter, M. N., & Jaffe, H. L.** The autoplatic transplantation of tissues into the bone marrow cavity. *J. Exp. M.*, 1928, 47: 981-6, 3 pl.—**Trueblood, D. V.** Paraffin dressing for transplanted grafts. *West. J. Surg.*, 1936, 44: 578.

tendon.

For transposition and reinsertion of tendons see **Muscle, Surgery; Tendon, Surgery.**

KIENZLE, L. *Ueber das Wachstum der transplantierten Sehne. 19p. 8° Würzb., 1930.

Assen, J. van [Some technical directions for tendon transplantation] *Ned. tsehr. genesk.*, 1920, 1: 2099.—**Bastos Ansart, M.** Factores de éxito y de fracaso en las transplantaciones tendinosas. *Bol. Soc. cir. B. Aires*, 1934, 18: 848-68.—**Ettore, E.** A proposito di trapianti tendinei. *Atti Soc. lombard. sc. med. biol.*, 1924, 13: 22-30.—**Gallie, W. E.** Further experiences with the transplantation of tendon and fascia. *Tr. West. Surg. Ass.*, 1936, 46: 47-57.—**Carlock, J. H.** The repair processes in wounds of tendons, and in tendon grafts. *Ann. Surg.*, 1927, 85: 92-103.—**Herr, M.** Ergebnisse bei Sehnen transplantation. *Chirurg.*, 1928-29, 1: 555-9.—**Hesse, F.** Experimentaluntersuchungen an Sehnentrans-

plantaten zur Frage der Heilungsvorgänge bei Sehnennähten innerhalb synovialer Scheiden. *Arch. klin. Chir.*, 1932, 169: 252-305.—**Howell, B. W.** Case of tendon transplantation. *Proc. R. Soc. M., Lond.*, 1922-23, 16: Sect. Orthop., 50.—**Kernwein, G., Fahey, J., & Garrison, M.** The fate of tendon, fascia and elastic connective tissue transplanted into bone. *Ann. Surg.*, 1938, 108: 285-90.—**Lange, F.** Les progrès accomplis dans la transplantation des tendons. *Orthop. tuberc. chir.*, Par., 1914, 1: 23-30. — La trasplatación de tendones. *Rev. méd. Hamburgo*, 1926, 7: 134-8. Also *Surg. Gyn. Obst.*, 1927, 44: 455-62.—**Lexer.** Zwei Fälle mit freier Sehnen transplantation. *Korbl. Allg. ärztl. Verein. Thüringen*, 1912, 41: 389. Also *Münch. med. Wschr.*, 1912, 59: 1686.—**Mason, M. L., & Shearon, C. G.** The process of tendon repair; an experimental study of tendon suture and tendon graft. *Arch. Surg.*, 1932, 25: 615-92. Also repr.—**Maclaure & Lévy, J.** Réparation du tendon du long extenseur du pouce par une implantation tendineuse hétréoplastique, morte. *Bull. méd.*, Par., 1926, 40: 289.—**Nageotte, J.** Les greffons de tendon vivant se réunissent aux tissus de l'hôte plus tard que les greffons de tendon mort. *C. rend. Soc. biol.*, 1926, 95: 669-72.—**Nakano, I.** On the influences of difference in result of tendon-suture and tendon-transplantation upon creatin metabolism of the muscle. *Mitt. Med. Akad. Kioto*, 1931, 5: 110.—**Ollerenshaw, R.** Tendon transplantation. *Brit. M. J.*, 1922, 2: 77.—**Port, K.** Ueber die Misserfolge bei den Sehnen transplantationen. *Deut. Zschr. Chir.*, 1931, 232: 12-8.—**Riggs, T. F.** Tendon transplantation, with report of a case. *Railw. Surg. J.*, 1920-21, 27: 245-7.—**Royle, N. D.** An original technique in tendon transplantation. *J. Coll. Surgeons Australasia*, 1928, 1: 115-9.—**Stacy, H. S.** A case of tendon transplantation. *Med. J. Australia*, 1918, 2: 348.—**Tenoplastiche e trapianti tendinei nei bambini.** *Osp. maggiore, Milano*, 1924, 3. ser., 12: 152.—**Zuccaro.** Trapianti tendinei. *Arch. ortop.*, Milano, 1919, 35: 275.

tissue.

See also **Blood transfusion; Bone; Bone marrow; Cartilage; Cornea, &c.**

Dufourmentel, L. Les homo-greffes cartilagineuses. *Otorhinolar. internat.*, Lyon, 1937, 21: 461.—**Eden.** Tendo- und Neurolysis mit Fettplastik. *Verh. Deut. Ges. Chir.*, 1913, 42: 1. Teil, 125-8.—**Ferreiro, V.** Innessi auto- ed omoplastici di pelle in organi interni e nei muscoli. *Arch. sc. med.*, Tor., 1927, 51: 149-62.—**Idzkowsky, H. J.** Transplantation of mammalian tissues into the urodele, *Triturus viridescens*, with special reference to host reactions. *Abstr. Theses Univ. Pittsburgh*, 1933, 9: 611.—**Innessi (Gl')** della pelle, dei peli e dei denti; e gli innesti adiposi e siero-adiposi epiploici. *Studium. Nap.*, 1920, 9: 146-52.—**Kartalova, A. D.** [Utilization of human fat in surgical practice] *Vest. khir.*, 1938, 56: 169-75.—**Kelly, J. D.** A new method of obtaining costal cartilage for plastic and reconstruction surgery. *Surg. Gyn. Obst.*, 1927, 44: 687-9.—**Klopper, Y. F.** [Plastic surgery with fat] *Khír. arkh. Velyaminova*, 1913, 29: 458-65, 3 pl.—**Kohn, K. W.** Die Verpflanzung aktiver Epithels. *Zbl. Chir.*, 1932, 59: 1748-50.—**Loeb, L.** Autotransplantation and homoiotransplantation of cartilage and bone in the rat. *Am. J. Path.*, 1926, 2: 315-33. — A comparison of autotransplantation, homoiotransplantation and heterotransplantation of blood clots. *Arch. Path.*, Chic., 1930, 10: 224-37.—**Seibert, W. J.** Transplantation of skin and cartilage in chickens. *Ibid.*, 1935, 20: 28-35.—**Lombardi, R.** Innessi di midollo osseo e di periosio nel testicolo. *Morgagni*, 1933, 75: 991-4.—**Mannheim, H.** Erwidung auf die Arbeit von O. Schürch: Zur Frage der homoplastischen Epitheltransplantation. *Zbl. Chir.*, 1931, 58: 789.—**Zypkin, B.** Spätsresultate der Knorpelplastik. *Arch. klin. Chir.*, 1927, 149: 31-9.—**New, G. B.** Skin, cartilage, and bone grafts. *Proc. Mayo Clin.*, 1936, 11: 791-4.—**Rubinstein, B. V.** [Healing of the ligaments in trans-ossal grafts] *Ortop. travmat.*, 1938, 12: No. 5, 28-34.—**Selzer, H.** Sul trapianto di segmenti uterini in uteri di animali della stessa specie in differenti condizioni fisiologiche. *Patologia. Genova*, 1937, 29: 6-29.—**Törö, E.** Ueber Einpflanzung von Gewebekulturen. *Arch. exp. Zellforsch.*, 1934, 15: 312-8.

tissue, dead.

Bertocchi, A., & Bianchetti, C. F. Innessi omoplastici di tessuto muscolare striato fissato e conservato. *Arch. sc. med.*, Tor., 1927, 51: 347-63. Also *Gior. Accad. med. Torino*, 1927, 90: 434-8.—**Beykirch, A., & Meyer, H.** Die Ueberpflanzung fixierten Sehngewebes im Tierexperiment. *Beitr. klin. Chir.*, 1929-30, 148: 630-50.—**Busacca, A.** Sulla pretesa riviviscenza del connettivo negli innesti di pezzi fissati; sul destino dei tendini fissati in alcool, ed innesti sul decorso di tendini o di nervi viventi. *Arch. sc. med.*, Tor., 1921, 44: 157-76, pl. — Ueber die Transplantation konservierter Sehnen. *Virchows Arch.*, 1925, 258: 238-45.—**Carossini, G.** Innessi endo- ed extra-pleurici di tessuti fissati. *Sperimentale*, 1926, 80: 179-217, 6 pl.—**Cieri, G.** Contributo allo studio sperimentale degli innesti di tessuti fissati (grasso). *Rass. ter. pat. clin.*, 1932, 4: 587-97.—**Duroux, E., & Couvreur, E.** A propos du mémoire de M. Nageotte, sur la greffe des tissus morts. *C. rend. Soc. biol.*, 1917, 80: 526.—**Filatov, V. P.** [Therapeutic, homoplastic grafts of mucous membrane, preserved in cold storage] *Vest. oft.*, 1938, 12: 307-10.—**Gleiber-**

man, E. J., & Bazhenova, M. A. [Effect of transplantation of conserved skin with experimental cutaneous tuberculosis to rabbits] J. méd., Kiev, 1938, 8: 875-8.—**Hosomi, K.** Experimentelle und klinische Untersuchungen über die freie Transplantation totor (in Alkohol oder Formalin konservierter) Gewebe. Deut. Zschr. Chir., 1928, 209: 14-30.—**Imperati, L.** Innessi di cute fissata; contributo sperimentale alla questione della riabilitazione. Ann. ital. chir., 1933, 12: 903-14.—**Lindberg, E.** [Experiments with the greffe morte (Nageotti)] Hygiea, Stockh., 1927, 89: 53-6.—**Minca, I.** [Grafting with dead tissue; conserved nerves] Cluj. med., 1930, 11: 53-7.—**Morpurgo, B.** L'impianto di tessuti morti e le sue pratiche applicazioni. Rass. clin. sc., 1932, 10: 387-9.—**Nageotte, J.** Sur le rétablissement de la continuité des fibres collagènes coupées, étudiée dans les greffes mortes ou vivantes de tendons. C. rend. Soc. biol., 1926, 94: 1130-3.—**Résultats éloignés de la greffe morte employée pour réparer les pertes de substance des tendons.** Ibid., 95: 1552-4.—**Ueber die Ueberpflanzung von abgetöteten Bindegewebsstücken.** Virchows Arch., 1927, 263: 69-88.—**Sencert, L.** Réparation suivie de succès, par notre méthode des greffes mortes de grandes pertes de substance des tendons fléchisseurs des doigts de la main gauche chez un blessé de guerre. Bull. Acad. méd., Par., 1918, 3. ser., 80: 448.—**Réponse à M. Bonnefon [les greffes de tissus morts et leur revivescence]** Presse méd., 1919, 27: 88.—**Nava, V.** Sugli innesti di cute fissata. Boll. Soc. med. chir., Pavia, 1927, n. ser., 2: 369-72. Also Bol. Soc. ital. biol. sper., 1927, 2: 558-60. Also Arch. sc. med., Tor., 1928, 52: 236-42, 2 pl.—**Skin-grafting from cadavers.** Bull. Pract. Ophth., S. Franc., 1939, 9: 5.—**Soler, J.** Injertos heteroplásticos de tejidos muertos; lo que he visto en Francia. Rev. españ. med. cir., 1919, 2: 301-4.—**Weinberg, E. D.** Dead (ox) fascia grafts in tendon defects; an experimental study. Arch. Surg., 1938, 37: 570-85.

— tissue, embryonic.

JENNER, J. A. *The grafting of preserved foetal membranes to denuded skin surfaces [Marquette Univ.] 12p. 4°. Milwaukee, 1924-25.

MAY, R. M. *Nouvelles recherches sur la greffe bréphoplastique. 53p. 24cm. Par., 1939. Also Arch. anat. micr., Par., 1939-40, 35: 147-99. Also Médecine, Par., 1939, 20: 711-8.

May, R. M. La greffe bréphoplastique. Bull. Soc. philomath. Paris, 1935, 118: 56-66.—**Les greffes embryonnaires chez l'adulte (la greffe bréphoplastique)** Sciences, Par., 1936, 64: 119-23.—**Waterman, A. J.** Heteroplastic transplantation of embryonic tissues of rabbit and rat. Am. J. Anat., 1936, 60: 1-25.

— tissue: Fascia, and membranes.

Dantrelle. Greffes de muqueuse. Rev. chir. plast., Brux., 1932, 2: 274-88.—**Gratz.** The use of fasciae in reconstructive surgery with special reference to operative technique. Ibid., 384-7.—**Hoshi, J.** Ueber das Resultat der Homotransplantation des Peritoneums und der Pleura bei erwachsenem Kaninchen. Tr. Soc. path. jap., 1938, 28: 378-80, pl.—**Kato, R.** Ueber das Resultat der Homotransplantation der Schleimhaut von Wangen, Zunge, Oesophagus, Magen, Darm und Harnblase ins Knochenmark bei Kaninchen. Ibid., 1937, 27: 485-7, pl.; 1938, 28: 374; 2 pl.—**Kuzma, V., & Gold, E.** Zur Frage der freien Transplantation (autoplastischer Verpfanzungsversuch von Magenschleimhaut in die Harnblase des Hundes) Beitr. klin. Chir., 1926, 138: 295-304.—**Lavrov, V. V.** [Free plastic surgery with fascia] Fezd Ross. khirurg., 1914, 13. Congr., 118-23.—**Maggi, N.** Sugli esiti dei trapianti contemporanei di mucosa vescicale e di aponeurosi nella milza. Arch. ital. chir., 1937, 45: 37-56.—**Marshall, V. F.** Autogenous fascial transplantation with report of 3 cases. Surg. Gyn. Obst., 1914, 19: 114.—**Riese.** Freie Faszienplastik. Deut. med. Wschr., 1911, 37: 2256.—**Rowlands, J. S.** A new method of obtaining autogenous fascial grafts without an extensive incision. Practitioner, Lond., 1927, 119: 321-6.—**Rosen, L. A.** [Plastic surgery of the tendons from fascia] Khirurgia, Moskva, 1914, 35: 595-601.—**Sobolev, I. A.** [Free plastic surgery, with fascia] Russ. vrach., 1913, 12: 1096-9.—**Uffreduzzi, O.** Sul trapiantamento di lembi colorati di fascia lata. Sperimentale, 1916, 70: 401-18.

— tissue, muscular.

For transposition and reinsertion of muscles see **Muscle, Surgery; Tendon, Surgery**; also under names of muscles.

Agrifoglio, M. Ricerche sperimentali sul trapianto di un muscolo interno. Pathologica, Genova, 1929, 21: 130-8.—**Bartoli, O.** Innessi omoplastici neurotizzati di muscolo striato. Arch. Soc. ital. chir., 1930, 36: 1170.—**L'influenza del sistema nervoso sull'attaccamento degli innesti omoplastici di tessuto muscolare striato.** Policlinico, 1930, 37: sez. chir., 361-70.—**Caminiti, R., & Carere, G.** Ricerche ed esperimenti sui trapianti muscolari. Ibid., 1908, 15: sez. chir., 169-81.—

Clemente, G. Sul comportamento del tessuto reticolare negli innesti muscolari nel fegato. Pathologica, Genova, 1927, 19: 264-71, pl.—**Comolli, A.** Neurotizzazione di innesti di tessuto muscolare in muscolo striato. Arch. Soc. ital. chir., 1930, 36: 967.—**Dainelli, M.** Innessi e trapianti muscolari. Ann. ital. chir., 1932, 11: 817-46.—**Göbell, R.** Zur freien Muskeltransplantation. Verh. Ges. deut. Naturforsch. (1912) 1913, 84: 2. Teil, 2. Hälfte, 143.—**Iovino, F.** Autotrapianti muscolari e connessioni nervose. Ann. ital. chir., 1933, 12: 1517-46.—**Siciliani, G.** Sul destino dei trapianti muscolari liberi (ricerche sperimentali) Morgagni, 1928, 70: 329-53.

— tissue, pathological.

See also **Cancer, Transplantation; Pathology, experimental; Tumor, Transplantation, &c.**

Crosti, A. L'innesto di tessuto epiteliomatoso cutaneo nella pelle di soggetti non carcinomatosi. Gior. ital. derm. sif., 1936, 77: Suppl., 14.—**Gosio, R., & Cerulli Irelli, Q.** Trasporto interumano di tessuti leucemici; tentativi di trapianto autoplastico ed omoplastico. Riv. clin. med., 1938, 39: 76-81, 7 pl.—**Harrell, G. T., & Valk, A. de T.** Autogenous transplantation of a fibrosarcoma of skin during the application of a full-thickness skin graft. Ann. Surg., 1940, 111: 285-91.—**MacFayden, D. A., & Murphy, J. B.** A method for the study of induced interference with transplantable tissue growth. J. Exp. Med., 1939, 70: 461-73. Also repr.—**Radaelli, A.** Sopra di una particolare modalità di recidiva di epitelioma su lembo cutaneo trapiantato. Gior. ital. derm. sif., 1933, 74: Suppl., 42-5.—**Spies, J. W., Adair, F. E., & Jobe, M. C.** An accidental autogenous transplantation of a mammary carcinoma to the thigh during a skin-graft operation: a case report. Am. J. Cancer, 1934, 20: 606-9.—**Torini, U. L.** Innesto di tessuto scleromatoso. Otorinol. ital., 1930-31, 1: 449-55.

— whole body.

See also **Parabiosis.**

Kolodziejski, Z. Ueber die Transplantation von jungen Larven des Axolotls auf ältere Tiere. Bull. internat. Acad. polon. sc., 1936, ser. B, 2: 124-40, pl.

— in plants.

SCHUBERT, O. *Bedingungen zur Stecklingsbildung und Pfropfung von Monokotylen [München] 135p. 8°. Jena, 1913.

Funck, R. Untersuchungen über heteroplastische Transplantationen bei Solanaceen und Cactaceen. Beitr. Biol. Pflanz., 1929, 17: 404-68.—**Wettstein, F. von, & Pirchle, K.** Ueber die Wirkung heteroplastischer Pfropfungen und die Uebertragung eines gen-bedingten Stoffes durch Pfropfung bei Petunia. Biol. Zbl., 1938, 58: 123-42.

GRAFTON, N. Dakota. Institution for the Feeble-minded. Biennial report. Grafton, 1-15., 1904-32.

GRAF Vargas, Enrique. *Bio-pulpectomia aséptica inmediata [Chile] 36p. roy. 8°. Santiago, Impr. El Esfuerzo, 1934.

GRAGE, Albert, 1898— *Beitrag zur Statistik des primären Hautcarcinoms [Münster/Westf.] 23p. 21cm. Frankf. a. M., W. Kramer & Co., 1935.

GRAGE, Kurt, 1909— *Verletzung des Ductus parotideus und ihre Heilung durch die Küstersche Operation. 23p. 8°. Kiel, Schmidt & Klawig, 1932.

GRAGE, Ulrich [Martin Ernst Johannes] 1886— *Palliag [Kiel] 11p. 8°. Altona, Hammerich & Lesser, 1935.

GRAHAM, Andrew Stephens, 1900— See Rankin, F. W., & Graham, A. S. Cancer of the colon and rectum. 358p. 25¼cm. Springfield, Ill. [1939]

GRAHAM, David James, 1871-1929. Obituary. Brit. M. J., 1929, 1: 181. Also Edinburgh M. J., 1929, n. ser., 36: 210-2, portr.

GRAHAM, Elsie C., 1891— *Optics and vision, the background of the metaphysics of Berkeley [Columbia Univ.] 141p. 8°. N. Y., 1929.

Typewritten.

GRAHAM, Evarts Ambrose, 1883— The year book of general surgery. 14v. 12°. Chic., Year Book Pub. [1926-39]
In Pract. med. ser.

— Surgical diagnosis, by American authors. 4v. 8° Phila., W. B. Saunders Co., 1930.

See also **Ballon**, Harry, **Singer**, Jacob Jesse, & **Graham**, Evarts Ambrose. Bronchiectasis. 165p. 8° S. Louis [1932] Also editor of *The Journal of thoracic surgery*. S. Louis, v.1, 1931/32—

For portrait, photograph see collection in library.
For biography see *J. Am. M. Ass.*, 1939, 113: 1647.

— **COLE**, Warren Henry [et al.] Diseases of the gall bladder and bile ducts; a book for practitioners and students. xiii, 477p. 8 pl. Phila., Lea & Febiger, 1928.

GRAHAM, Evarts Ambrose, **SINGER**, Jacob Jesse, & **BALLON**, Harry Clarence. Surgical diseases of the chest. 1070p. illust. diagrs. roy. 8° Phila., Lea & Febiger [1935]

GRAHAM, Harvey [pseud.]

See **Flack**, Isaac Harvey.

GRAHAM, J. M. Neurasthenia: its nature, origin and cure. 45p. 12° Lond., The Psychologist [1936]

GRAHAM, John, 1879—

See **Clark**, Henry E., & **Graham**, John. An elementary textbook of anatomy. 278p. 12° Lond., 1935.

GRAHAM, Joseph Ivon.

See **Haldane**, J. S., & **Graham**, Joseph I. Methods of air analysis. 4. ed. 176p. 8° Lond., 1935.

GRAHAM, Michael, 1840—1935.

Obituary. *Brit. M. J.*, 1935, 1: 233.

GRAHAM, Stanley [Galbraith] 1895—, & **MORRIS**, Noah. Acidosis and alkalosis. xii, 203p. tab. 8° Edinb., E. & S. Livingstone, 1933.

GRAHAM, Sylvester, 1794—1851.

SHRYOCK, R. H. Sylvester Graham and the popular health movement. p.172—83. 8° Louisville, Ky., 1931.

Wagner, E. E. Sylvester Graham; temperance lecturer, physiologist and pioneer food reformer. *Good Health*, 1939, 74: 264—6, portr.

GRAHAMELLA.

See also **Bartonella**; **Rickettsia**.

Bruynoghe, R., & **Vassiliadis**, P. Les *Grahamella*. *C. rend. Soc. biol.*, 1930, 104: 123.—**Carpano**, M. Sur un nouveau microparasite du type *Grahamella-Rickettsia*, observé chez les poulets (*Grahamella gallinarum*) *Ann. parasit.*, Par., 1935, 13: 238—42, pl.—**Cerruti**, C. Su di una *grahamella* parassita di *Testudo graeca* (*Grahamella sanii* n. sp.) *Arch. ital. sc. med. col.*, 1930, 11: 522—7. — Su di una *grahamella* parassita di *Talassochelys caretta* (*Grahamella talassochelys* n. sp.) *Ibid.*, 1931, 12: 321—5, pl. — Osservazioni sulle *Grahamella* parassiti endoglobulari. *Atti Soc. sc. med. natur. Cagliari*, 1930, 5, n. ser., 32: 233—8.—**Jerace**, F. Un emoparassita del genere *Grahamella* nella talpa dell'Agro romano. *Boll. Ist. sieroter. milan.*, 1938, 17: 378, pl.—**Leger**, A. Corps de *Graham-Smith* dans les hématies d'un primate (*Macacus rhesus*) *Bull. Soc. path. exot.*, Par., 1922, 15: 679.—**Malamos**, B. *Grahamellen* beim Affen. *Zbl. Bakt.*, 1. Abt., 1935, 134: 152.—**Neitz**, W. O. The occurrence of *Grahamella couchi* sp. n. in the multimammate mouse (*Mastomys coucha*) in South Africa. *Onderstepoort J. Vet. Sc.*, 1938, 10: 29—32.—**Schwetz**, J. Observations sur les *Grahamella*, les *Bartonella* et les *Eperythrozoon* des rats et des souris sauvages de Stanleyville; rats et souris splénectomisés. *C. rend. Soc. biol.*, 1933, 114: 944—6.—**Shousha**, A. T., & **Aly**, M. Bacilliform bodies (*Grahamella*; *Bartonella*) in the erythrocytes of the Egyptian gerbille. *J. Egypt. M. Ass.*, 1928, 11: 280—3, pl.—**Vassiliadis**, P. Transmission des *Grahamella*. *C. rend. Soc. biol.*, 1934, 115: 1402. — Nouvelle espèce de *Grahamella* et preuve de leur nature parasitaire. *Ann. Soc. belge méd. trop.*, 1935, 15: 279—89.

GRAHAM Research Department.

See London. University College Hospital Medical School.

GRAHAM'S bread.

See **Bread**; **Diabetes mellitus**, Diet; **Foods**; **Bread**.

GRAHE, Karl, 1890— *Hirn und Ohr*; kurze Darstellung der Hör- und Gleichgewichts-untersuchung und ihrer Bedeutung für die Erkennung endokranieller Erkrankungen. vi, 108p. illust. 8° Lpz., G. Thieme, 1932.

GRAHEK, Jack Philip, 1911—

*The prevention and control of whooping cough [St. Mary's Hosp.] 171. 28cm. [Duluth, Minn.] 1939.

Typewritten.

GRAHL, Eva [Gerda] [geb. Scheibe] 1908—

*Zur Klinik des Prolans. 32p. 23cm. Lpz., A. Edelmann, 1936.

GRAHL, Lorenz, 1911—

*Die Elektrokoagulation in den Erfahrungen der chirurgischen Universitätsklinik Marburg. 80p. 21cm. Marb., K. Euker, 1937.

GRAILLON, Pierre, 1911—

*A propos d'un cas de maladie de Lobstein. 57p. 8° Par., Jouve & cie., 1938.

GRAILLY, Roger de. Trois leçons d'hépatologie. p.l. 2 pts. 58p.; 56p. 8° Par., Vigot frères, 1931.

— & **DERVILLEE**, Pierre. Les cholagogues; évolution des idées sur le mode d'action des médications cholagogues. 70p. illust. tab. 8° Par., Vigot frères, 1936.

GRAIN, Robert, 1910—

*Contribution à l'étude des ostéomes post-traumatiques de la région du coude. 85p. 24½cm. Par., A. Legrand, 1939.

GRAIN.

See also **Cereals**; **Seed**; also proper names of grain-producing plants as **Buckwheat**, &c.

Appel, O., & **Riehm**, E. Die Bekämpfung des Flugbrandes von Weizen und Gerste. *Arb. Biol. Anst. Land. Forstwirtsch.*, 1911, 8: 343—426.—**Bolley**, H. L. Einige Bemerkungen über die symbiotische Mykoplasmatheorie bei dem Getreiderost. *Zbl. Bakt.*, 2. Abt., 1898, 4: 855; 887; 913.—**Brizi**, U. Intorno ad una alterazione patologica dell'embrione del frumento. *Rendic. Ist. lombardo sc. lett.*, 1908, 2. ser., 46: 668—71.—**Eriksson**, J. Rostige Getreidekörner; und die Ueberwinterung der Pilzspezies. *Zbl. Bakt.*, 2. Abt., 1911—12, 32: 453—9.—**Gassner**, G. Die Getreideroste und ihr Auftreten im subtropischen östlichen Südamerika. *Ibid.*, 1915, 44: 305—81. — Untersuchungen über die Abhängigkeit des Austretens der Getreideroste vom Entwicklungszustand der Nährpflanze und von äusseren Faktoren. *Ibid.*, 512—617.—**Harris**, L. H. The nature of the grain dust antigen; crossed reactions to grain dusts and smuts. *J. Allergy*, 1938—39, 10: 433—42.—**Hocquette**, M. Une nouvelle maladie du blé dans le nord de la France: le black chaff. *C. rend. Soc. biol.*, 1929, 100: 271.—**Jaczewski**, A. von. Studien über das Verhalten des Schwarzrostes des Getreides in Russland. *Zschr. Pflanzenkr.*, 1910, 20: 321—59.—**Krüger**, F. Untersuchungen über die Fusskrankheit des Getreides. *Arb. Biol. Anst. Land. Forstwirtsch.*, 1908, 6: 321—51, pl.—**O'Gara**, P. J. A bacterial disease of western wheat-grass, first account of the occurrence of a new type of bacterial disease in America. *Science*, 1915, n. ser., 42: 616.—**Peglion**, V. Sulla immunità dei semi di frumento provenienti da piante colpite da infezione diffusa. *Atti Accad. sc. med. natur. Ferrara*, 1908, 82: 137.—**Piutti**, A. Sur l'action de la chloropicrine sur les parasites du blé et sur les rats. *C. rend. Acad. sc.*, 1920, 170: 854—6.—**Prunet**, A. Sur les champignons qui causent en France le piétin des céréales. *Ibid.*, 1913, 157: 1079—81.—**Riehm**, E. Getreidekrankheiten und Getreideschädlinge; eine Zusammenstellung der wichtigeren im Jahre 1912 veröffentlichten Arbeiten. *Zbl. Bakt.*, 2. Abt., 1913, 39: 81—107.—**Swingle**, W. T. The grain smuts: their cause and prevention. *Yearb. U. S. Dep. Agr.*, 1894, 409—20. Also repr.

GRAINE, Pierre Ernest Alfred, 1904—

*Contribution à l'étude clinique des pyrèthrinés. 54p. 8° Par., A. Maretheux & L. Pactat, 1933.

GRAINGER, B. Noice. Practical nature cure; or, Health without drugs. 128p. 8° Lond., C. W. Daniel Co. [1924]

GRAIN itch.

See **Pediculoides**.

GRAIRE, Gabriel Jules Léon, 1881—

*De la saignée [Alfort] 55p. 8° Saint-Quentin, Lambert, Dupont & cie, 1927.

GRAJETZKY. Der Kampf der Reichshauptstadt gegen die Arbeitslosigkeit. 26p. 4° Berl., E. Meier, 1935.

Forms Beil. No. 18, v.12, Berl. Wirtschaftsber.

GRAJETZKY, Gerda [Magdalena] 1912—
*Die Beeinflussung der Lungenresorption durch
Expektorantien. 15p. 8 ch. 20½cm. Königsb.-
Pr., J. Raabe, 1938.

GRAJEWSKY, Daniel. *Die Zusammen-
setzung tischfertiger Speisen animalischer Her-
kunft der freigewählten Arbeiterkost. 26p.
8°. Basel, Brin & cie, 1914.

GRAJWER, Szymon. *Contribution à l'étude
de l'atrophie jaune aiguë du foie. 24p. 8°.
Genève, Ed. Union, 1936.

GRALL, Jean, 1915— *Pancreátites et
saturnisme. 79p. 24cm. Par., Libr. Le Fran-
çois, 1939.

GRAM, H. B. Characteristic of homöopathia.
24p. sm. 4°. New York, J. & J. Harper, 1825.

GRAM [Hans] Christian [Joachim] 1853–1938
Heiberg, K. A. [Obituary] Ugeskr. læger, 1938, 100:
1357, portr.—Necrologia. Biochim. ter. spec., 1939, 26: 85,
portr.—[Obituary] Hospitalstidende, 1938, 81: 1113–5.—
Sonne, C. [Obituary] Acta med. scand., 1939, 98: 441–3,
portr.

GRAM, Julius, 1908— *Allgemeine tech-
nologische Ursachen der Sport- und Arbeits-
schäden. 39p. 22½cm. Berl., Trilisch &
Huther, 1938.

GRAMANN [Friedrich August] Helmuth, 1900—
*Ueber die chronische Steifigkeit
der Wirbelsäule [Bonn] p.637–69. 8°. Jena,
J. Fischer, 1930.

Also Mitt. Grenzgeb. Med. Chir., 1929, 41:

GRAMATHETUS, Georgius Tiburtius. De
aqua vitae composita. [8] l. 12°. [Wien?] 1542.

GRAMATICOV, Trendafil, 1906— *L'éc-
tère grave familial du nouveau-né avec érythro-
leucoblastose. 71p. 8°. Lyon, M. Martin, 1934.

GRAMATTE, Werner, 1904— *Die Frak-
tur des Os naviculare carpi und die Heilungs-
tendenz kleiner Bruchstücke. 36p. 22½cm.
Berl., R. Pfau, 1937.

GRAMEGNA, Lotario, 1911— *Unter-
suchungen über Massnahmen zur besten Wieder-
herstellung der Gesichts- und Mundverhältnisse
nach Verlust von Zähnen und sekundärer
Bissveränderung. 21p. 8°. Münch., Bayer. Dr.
& Verl. Anst., 1935.

GRAMIN.

Brändt, K., Euler, H. von [et al.] Gramin und zwei Begleiter
desselben in Laubblättern von Geirtenarten. Zschr. physiol.
Chem., 1935, 235: 37–42.—**Pegoraro, C.** Risultati di alcune
ricerche sull'azione farmacologica della graminina: azione ipo-
tensiva. Riv. clin. med., 1936, 37: 384–97.—**Supniewski,**
J. W., & Serafinówna, M. Les propriétés pharmacologiques
de la gramine. Bull. internat. Acad. polon. sc., 1937, cl. méd.,
479–86.

GRAMINEAE.

See also under names of genera and species of
grasses as *Eragrostis*; also popular names as
Bamboo; **Oat**; also **Fodder**; **Herb**; **Lawn**;
Pasture; **Silage**.

Bartlett, S., Henry, K. M. [et al.] The effect of different
methods of drying on the biological value and digestibility of
the proteins and on the carotene content of grass. Biochem.
J., Lond., 1938, 32: 2024–30.—**Burkitt, W. H.** The apparent
digestibility and nutritive value of beardless wheatgrass at 3
stages of maturity. J. Agr. Res., 1940, 61: 471–9.—**Cugnac,**
A. de, & Belval, H. Hybridation entre 2 genres de graminées
caractérisés par des glucides différents: fructoholose et
fructoglucoside; nature du glucide formé chez l'hybride.
Bull. Soc. chim. biol., Par., 1939, 21: 689–94.—**Evans, M. W., &**
Grover, F. O. Developmental morphology of the growing
point of the shoot and the inflorescence in grasses. J. Agr.
Res., 1940, 61: 481–520.—**Gregor, J. W., & Sansome, F. W.**
Experiments on the genetics of wild populations; grasses.
J. Genetics, Lond., 1926–27, 17: 349–64.—**Greenhill, A. W.**
A study of the relative amounts of the protein and non-protein
nitrogenous constituents occurring in pasture herbage, and
their significance in the grazing of the herbage by stock.
Biochem. J., Lond., 1936, 30: 412–6.—**Henrici, M.** The
chlorophyll-content of grasses in Bechuanaland. Rep. Dir.

Vet. Educ. Pretoria, 1926, 11–2: 259–71. — Preliminary
report upon the occurrence of hydrocyanic acid in the grasses
of Bechuanaland. Ibid., 295–8. — Physiological plant
studies in South Africa; wilting and osmotic phenomena of
grasses and other plants under arid conditions. Ibid., 619–68,
6 pl. — Transpiration of grasses and other plants under
arid conditions. Ibid., 671–702, pl. — **Hitchcock, A. S.** Grasses,
what they are and where they live. Annual Rep. Bd. Regents
Smithson. Inst., 1934, 297–312.—**Holzappel, C. R.** Modifica-
tions of the methods used at Onderstepoort for the determina-
tion of magnesium and calcium; potassium in grass-extracts.
Onderstepoort J. Vet. Sc., 1934, 2: 115–22.—**Köhler, G. O.,**
Elvehjem, C. A., & Hart, E. B. The relation of the grass juice
factor to guinea pig nutrition. J. Nutrit., 1938, 15: 445–59.—
Leemann, A. C. Hydrocyanic acid in grasses. Onderstepoort
J. Vet. Sc., 1935, 5: 97–136.—**Louw, J. G.** The influence of
frequency of cutting on the yield, chemical composition,
digestibility and nutritive value of some grass species. Ibid.,
1938, 11: 163–244.—**Parodi, L. R.** Revisión de las graminéas
argentinas del género *Diplachne*. Rev. Fac. agron. vet.,
B. Air., 1927–28, 6: 21–43.—**Randle, S. B., Sober, H. A., &**
Köhler, G. O. The distribution of the grass juice factor in
plant and animal materials. J. Nutrit., 1940, 20: 459–66.—
Siede, R. E. Grass and the national food supply. Rep. Brit.
Ass. Advance. Sc., 1937, 107: 457–73.—**Sotola, J.** The chemical
composition and apparent digestibility of nutrients in crested
wheatgrass harvested in 3 stages of maturity. J. Agr. Res.,
1940, 61: 303–11.—**Werner, O.** Blatt-Aschenbilder heimischer
Wiesengräser als Mittel ihrer Verwandtschafts- und Wert-
bestimmung; ein Beitrag zur Methodik angewandter Biologie.
Biol. gen., Wien, 1928, 4: 403–46, 4 pl.—You may soon eat
grass; rich in vitamin content. Science News Lett., 1940, 37:
231.

GRAMLING, Anthony J. *Peritoneoscopy.
[William J. Seymour Hosp.] 18p. 28cm.
[Eloise, Mich.] 1940.

Typewritten.

GRAMLING, William Stanley, 1872–1927.
Obituary. J. Am. M. Ass., 1927, 89: 1351.

GRAMM, Erich, 1911— *Weitere Ver-
suche über den Einfluss des Adrenalins auf die
resorptive Wirkung des Novocains. 16p. 8°.
Tüb. [n. pub.] 1935.

GRAMMEL, Richard. Theoretische Grund-
lagen der Gelenkmechanik. p.245–346. 8°.
Berl., 1936.

In Handb. biol. Arbeitsmeth. (E. Abderhalden) Berl., 1936,
v.5, pt 5 A.

GRAMMELSDORF, Konrad, 1907— *Die
Nachbehandlung der Gaumenspalten-operationen.
32p. 8°. Marb.-Lahn, Bauer, 1931.

GRAMMLICH, Albert, 1862–1929.
Müller, W. Nekrolog. Berl. tierärztl. Wschr., 1929, 45:
275.

GRAMS, Elisabeth, 1910— *Ueber Papil-
lomatos der Zunge. 23p. 8°. Münch., Bayer.
Dr. & Verl. Anst., 1934.

GRAMS, Helmut [Albert Wilhelm] 1910—
*Ueber Kniegelenkysten. 35p. 2 tab. 8°.
Königsb.-Pr., J. Raabe, 1934.

GRAMS, Ilse, 1906— *Epithelkörperchen
und ihre Beziehungen zu anderen endokrinen
Organen [Berlin] 26p. 8°. Charlottenb.,
Gebr. Hoffmann, 1931.

GRAMSCH, Bruno, 1897— *Die Tuber-
kulose des Ohrgehörts. 26p. 8°. Königsb.
Pr. [J. Raabe] 1926.

GRAMSE, Aloysius, 1907— *Wasser-
stoffionenkonzentration im Urin gonorrhöischer
Frauen [München] 26p. 8°. Würzb., R. Mayr,
1933.

GRAMSE, Erwin [Eduard Rudolf] 1899—
*Schussverletzungen der Blutgefäße und ihre
Folgezustände mit besonderer Berücksichtigung
der durch sie verursachten Aneurysmen an der
Arteria anonyma [Berlin] 33p. 8°. Charlot-
tenb., Gebr. Hoffmann, 1928.

GRAM stain.

See also **Bacteria, staining**.

Haythorn, S. R. A hematoxylin erythrosin Gram-Weigert
stain. J. Techn. Meth., Toronto, 1929, No. 12, 128.—**Hollborn,**
K. Zwei neue Simultanfarbstoffe (vereinfachte Karmin-
Säuregrün-Elastin-H-Färbung und verbesserte Gram-Simultan-

färbung) Zbl. Bakt., 1. Abt., 1936, 136: 506-8, pl. — Ein verbesserter Gram-Simultanfarbstoff. Ibid., 1938-39, 143: 160. — **Krajan, A. A.** A rapid method of staining gram-positive organisms in frozen sections. Arch. Path., (Chic.), 1940, 30: 614-6. — **Kretschmer, O. S.** The modified Gram stain of Much. J. Lab. Clin. M., 1934, 19: 422-8. — **Loureiro, J. A. de.** Modification of the Gram method. Ibid., 1936-37, 22: 638. — **Lyons, D. C.** The use of colloidal iodine as a modification of the Gram stain. Ibid., 523. — **Okada, H.** Studium über das Wesen der Gramschen Färbung. Seiji kwai, 1934, 53: No. 585, 1. — **Ryu, E.** On the gram-differentiation of bacteria by the simplest method; the caustic potash method. Jap. J. Vet. Sc., 1939, 1: 209. — **Schumacher, J.** Zur Gramschen Färbung; hat das der Granpositivität zugrunde liegende Lipoprotein der Hefezelle seinen Sitz in der Zellmembran oder in Protoplasma? Zbl. Bakt., 1. Abt., 1926, 98: 104-12, pl. — Zur Gramschen Färbung; über die chemische Zusammensetzung der Lipidsäure und über künstlich grampositiv gemachte Hefezellen. Ibid., 1928, 109: 181-92. — **Scudder, S. A., & Lisa, J. R.** A preliminary report on a combined Gram-Pappenheim stain for formalin fixed tissues. Stain Techn., 1931, 6: 51.

GRAMZOW, Ernst, 1906— *Systematische Untersuchungen von Schweinetonsillen (nach Untersuchungen am Material des Schlachthofes in Prenzlau) 44p. 8° Lpz., A. Edelmann, 1935.

GRANADILLA wood.

See also Allergy; Dermatitis; Eczema.

Schröpl, E. Ekzem durch Granadillholz. Derm. Wschr., 1934, 98: 498-500. Also Urol. Cut. Rev., 1935, 39: 571.

GRANAL, Maurice, 1905— *L'électroaimant en thérapeutique oculaire. 72p. 25½cm. Montpel., Mari-Lavit, 1934.

GRANATOLINE.

Elphick, G. K., & Gunn, J. A. The pharmacological actions of benzoyl-n-methyl-homogranatoline, a ring homologue of tropaeocaine. Q. J. Pharm., Lond., 1932, 5: 220-32.

GRANATSTEIN, Moszek. *Ueber das gleichzeitige Vorkommen von Basedow'scher Krankheit und carcinomatöser Neubildung [Basel] 15p. 8° Mulhouse, A. Knecht, 1929.

GRANCHER, Rosa [née Abreu] 1844-1926.

Comby, J. Nécrologie. Presse méd., 1926, 34: 956.

GRANCHER, Lucien, 1901— *Le Doctor Henry Bouvier; professeur agrégé à la Faculté de Médecine de Paris; médecine honoraire des enfants malades, 1799-1879, sa vie; ses travaux. 31p. 8° Par., M. Vigné, 1927.

GRANCHER'S disease.

See Pneumonia.

GRAND, Alexandre, 1879— *Méthodes récentes dans le traitement des varices par les injections sclérosantes. 60p. 8° Par., E. Le François, 1934.

GRAND, Charles, 1905— *A propos de quelques syndromes complexes à virus neurotrope inconnu. 58p. 8° Par., Les Presses Modernes, 1930.

GRAND, D. E. Ophthalmic nursing. ix, 110p. illust. pl. 12° Edinb., E. & S. Livingstone, 1938.

— The same. ix, 110p. illust. pl. 12° Balt., W. Wood, 1938.

GRAND, Flore Alberte, 1903— *Néphrites chroniques et gestation. 147p. 8° Par., L. Arnette, 1934.

GRAND, Madeleine, 1895— *Les syndromes dysentériques de l'enfant. 136p. 8° Par., N. Maloine, 1932.

GRAND, René, 1910— *Circulation de retour et gestation. 102p. 8° Par., A. Legrand, 1938.

GRANDAUER, Karl, 1883— Die therapeutische Anwendung des hochgespannten Hochfrequenzstromes—eine Umstimmungsbehandlung 52p. 2 pl. 8° Münch., O. Gmelin, 1930.
Formis Heft 37, Samml. diagn. ther. Abh. prakt. Arzt., Münch., 1930.

GRANDCLAUDE, Charles, 1890-1934.

Coliez, R. [Nécrologie] Gaz. méd. France, 1935, 42: radiol., 307, portr.—Frison, L. [Nécrologie] Rev. odont., Par., 1935, 56: 2-14, 2 portr.—Roussy, G. [Nécrologie] Presse méd., 1935, 43: 76.

GRAND-CLEMENT, Emile, 1910— *Le décollement post-opératoire de la choroïde. 117p. 3 pl. 25½cm. Lyon, Bosc frères, 1938.

GRANDE, Edoardo. Il decalogo della madre; note di puericoltura e d'igiene infantile. 204p. 12° Bari, G. Laterza & Fig., 1922.

GRANDEAU, Louis, 1877— Le sucre et l'alimentation de l'homme et des animaux: la question sucrière; rôle et valeur du sucre dans l'alimentation; la mélasse et l'alimentation du bétail. 55p. 8° Par., Berger-Levrault & cie, 1899.

GRANDES (Les) endémies tropicales.

See France. Ministère des colonies. Inspection générale du service de santé. 8v. 8° Par., 1930-37.

GRANDEUR delusion.

See Delusional states, grandiose.

GRANDINETTI, Libia. *Contribuição para o estudo da esporotricose em São Paulo. 72p. 9 pl. 8° S. Paulo, Impr. Rev. tribunais, 1934.

GRANDIS, Valentino, 1862-1928.

Aducco, V. [Nécrologie] Arch. ital. biol., 1930, 83: 144-7.

GRANDMAISON de Bruno, F. de. Twenty cures at Lourdes medically discussed; authorized translation by Dom. Hugo G. Bevenot & Dom. Luke Izard. xix, 272p. 12° Lond., Sands & Co., 1920.

GRAND mal.

See Epilepsy, Seizure.

GRANDPERRIN, Pierre, 1898— *Chirurgie conservatrice et diathermie dans le traitement des salpingites. 85p. 8° Par., L. Arnette, 1929.

GRAND Rapids, Mich. Butterworth Hospital. Annual report. 1902-3 only.

GRAND Rapids, Mich. Department of Public Welfare. Division of Health. Annual report. Grand Rapids, 1894-1904; 1906-7; 1910-12.

— Monthly bulletin. Grand Rapids, 1910-
— Statements of mortality. Grand Rapids, 1884-1907.

Continued as preceding.

GRAND Rapids, Mich. Mercy Hospital. Annual report. Grand Rapids, 1902.

GRAND Rapids, Mich. St Mary's Hospital. Reports of the Sisters in charge. Grand Rapids, 1898-1900.

GRANDRIE, Etienne, 1900— *Arthrites aiguës suppurées de la hanche chez le nourrisson. 44p. 8° Par., Jouve & cie, 1928.

GRANDSIRE, Robert, 1899— *Contribution à l'étude clinique de l'aspergillose pulmonaire primitive. 68p. 8° Par., Jouve & cie, 1926.

GRANER, Wilhelm, 1906— *Auswertung von Schilddrüsenpräparaten an Kaulquappen. 12p. 8° Tüb. [n. pub.] 1934.

GRANGE, Jean Louis, 1910— *Le traitement des polynévrites alcooliques par l'électrothérapie. 91p. 24cm. Par., A. Legrand, 1939.

GRANGE, Jean Pierre Henri, 1915— *Considérations sur le traitement chirurgical des lésions des ménisques du genou accompagnées de blocage articulaire. 30p. 25cm. Lyon, G. Neveu, 1939.

GRANGE, Maurice. *Etude physico-chimique des acides oxyprotéiques urinaires [Strasbourg] 79p. 24cm. Limoges, A. Bontemps, 1937.

GRANGE, Paul, 1909— *Rapports de la lèpre de l'homme et de la lèpre du rat. 43p. 8°. Par., Jouve & cie, 1934.

GRANGE, Pierre, 1903— *La syphilis nerveuse conjugale. 71p. 8°. Par., A. Legrande, 1933.

GRANGE, Robert, 1910— Les méningiomes rétro-sellaires. 74p. 8°. Lyon, Bosc frères, 1935.

GRANGER, Amédée, 1879-1939. A radiological study of the para-nasal sinuses and mastoids. iv, 189p. 8°. Phila., Lea & Febiger, 1932.

For biography see Am. J. Roentg., 1940, 43: 601, portr. (E. C. Samuel) Also Radiology, 1940, 34: 108, portr. Also Union méd. Canada, 1940, 69: 2 (D. Marion)

GRANGER, Frank Butler, 1875-1928. Physical therapeutic technic. 2 p. l. 417p. roy. 8°. Phila., W. B. Saunders Co., 1929. Also 2. ed. revised by William D. McFee. 2 p. l. 436p. 134 illust. pl. 1932.

For biography see Internat. J. S., 1928, 41: 616.

GRANGER, Jacques, 1909— *Considérations sur cinquante pubiotomies pratiquées à la maternité de l'hôpital Saint-Louis (1920-35) 48p. 8°. Par., Vigot frères, 1937.

GRANGER, Jacques, 1914— *Les pseudo-mélanoses en inspection des viandes; la pseudo-mélanose congénitale du poumon et du foie. 43p. 25cm. Lyon, Bosc frères, 1938.

GRANIER, Armand, 1911— *Le parasitisme dans ses rapports avec le cancer chez les animaux. 92p. 8°. Lyon, Bosc frères, 1935.

GRANIER, Jean, 1910— *Contribution à l'étude des hernies transmésocoliques. 80p. 3 p. 25cm. Montpel., Mari-Lavit, 1934.

GRANIT, Ragnar. *Farbentransformation und Farbenkontrast; experimentelle Beiträge zur Theorie der Transformation [Helsingfors] p.147 224. 8°. Berl., W. de Gruyter & Co., 1926.

Also Skand. Arch. Physiol., Lpz., 1926, 48:

— Die Elektrophysiologie der Netzhaut und des Sehnerven. 98p. roy. 8°. Kbh., Levin & Munksgaard, 1936.

Forms Suppl. 8, v.14. Acta ophth., Kbh.

See also Wright, W. D., & Granit, Ragnar. On the correlation of some sensory and physiological phenomena of vision. 80p. 8°. Lond., 1938.

GRANITE industry.

See also Dust, industrial; Miner; Silicosis.

RUSSELL, A. E., BRITTEN, R. H. [et al.] The health of workers in dusty trades; exposure to siliceous dust (granite industry) p.1-206. 8°. Wash., 1929.

Form No. 187, Pub. Health Serv. Bull.

Bloomfield, J. J., & Dressen, W. C. Silicosis among granite quarriers. Pub. Health Rep., Wash., 1934, 49: 679-84.—**Emerson, H., Smith, A. R. [et al.]** Silicosis among rock drillers, blasters, and excavators in New York City, based on a study of 208 examinations; introduction. J. Indust. Hyg., 1929, 11: 37-81.—**Gutzeit, K.** Zur Diagnose und klinischen Beurteilung der Silikose, an Hand von Reihenuntersuchungen von Quarzschiefer- und Granitarbeitern. Zschr. Tuberk., 1933-34, 69: 412-20.—**Hatch, T., Kelley, G. S., & Fehnel, J. W.** Control of the silicosis hazard in the hard rock industries; an investigation of the Kelley dust trap for use with pneumatic rock drills of the jackhammer type. J. Indust. Hyg., 1932, 14: 69-79.—**Hatch, T., Fehnel, J. W. [et al.]** Control of the silicosis hazard in the hard rock industries, application of the Kelley trap to underground drilling operations. Ibid., 1933, 15: 41-56.—**Jarvis, D. C.** The upper respiratory tract in granite dust inhalation. Ann. Otol. Rhinol., 1923-24, 32: 405-12.—**Judd, L. E.** Clinical picture and X-ray findings of granite shed workers in Vermont. Sympos. Silicosis, 1939, 4. Sympos., 207-17.—**Leitch, J. D.** Dust control in the granite industry. J. Indust. Hyg., 1936, 18: 699-723.—**Protection** against silicosis in the granite and foundry industries of Massachusetts. Month. Labor Rev., 1934, 38: 1086-8.—**Rogers, E. J.** Silicosis or pneumoconiosis in Vermont granite cutters and slate workers. N. England J. M., 1932, 207: 203-8.—**Sayers, R. R.** Mortality among granite workers. Sympos. Silicosis, 1939, 4. Sympos., 220-3.—**Smith, A. R.** A study of granite cutting and granite cutters in the vicinity of New York City. Am. J. Pub. Health, 1934, 24:

821-34.—**Thompson, L. R., & Britten, R. H.** The silica dust hazard in the granite cutting industry. J. Indust. Hyg., 1930, 12: 123-47.

GRANMONT, Louis Marcel Joseph, 1889— *De l'hémoglobinurie du cheval; inconvenients de la saignée [Alfort] 47p. 8°. Troyes, Impr. A. Albert, 1926.

GRANNT, L. Rosa H., 1875-1935. [Obituary] Q. Bull. M. Women Nat. Ass., 1936, No. 51, 17-9.

GRANOVSKY, Nina. *Recherches expérimentales sur l'air courant chez le lapin soumis à l'action de la morphine et de quelques-uns de ses dérivés. 96p. 8°. Genève, J. Guerry, 1936.

GRANSTROEM, K. O. *Refraktionsveränderungen bei Diabetes mellitus. 160p. 8°. Stockh. [n. pub.] 1933.

GRANT, Agnes H. Experimental tuberculosis; being a résumé of the experimental evidence that tuberculosis is a basically nutritional disease and responds to dietetic treatment only. 54p. 16°. [Chic., 1934]

GRANT, Alfred Cumming, 1852-1935. Obituary. Glasgow M. J., 1936, 125: 22.

GRANT, Charles Graham, 1864-1935. Obituary. Brit. M. J., 1935, 2: 188.

GRANT, Edward Milton. Coming of age; a frank study of the problems of adolescence. 91p. 19½cm. N. Y., F. H. Revell Co. [1939]

GRANT, Francis Clark, 1891— See Ravidin, Isidor S., Adson, Alfred W., & Grant, Francis C. Surgery; contributions in honor of Charles H. Frazier. 662p. roy. 8°. Phila. [1935]

GRANT, J[ohn] B[lack] 1890— See Cort, William Walter, Grant, J. B. [et al.] Researches on hookworm in China [&c.] 398p. roy. 8°. Balt., 1926.

GRANT, John Charles Boileau, 1886— A method of anatomy, descriptive and deductive. xx, 650p. illust. diagr. 26cm. Balt., W. Wood & Co., 1937. Also 2. ed. xxii, 794p. illust. diagr. 1940.

— & **CATES, Harry Arthur.** A handbook for dissectors; being a companion to A method of anatomy, by J. C. Boileau Grant. xi, 239p. illust. 19cm. Balt., Williams & Wilkins Co., 1940.

GRANT, John Prescott, 1872— See Weiss, Samuel, Grant, J. P., & Quimby, A. J. Diseases of the liver, gall bladder, ducts and pancreas. 1099p. roy. 8°. N. Y., 1935.

GRANT, Julius, 1901— Books and documents; dating, permanence and preservation. xii, 218p. illust. pl. facs. 8°. Lond., Grafton & Co., 1937.

See also Hackh, Ingo W. D., & Grant, Julius. Hackh's chemical dictionary. 2. ed. 1020p. 8°. Phila. [1937] Also Radley, J. A., & Grant, Julius. Fluorescence analysis in ultraviolet light. 2. ed. 326p. 8°. N. Y., 1935.

GRANT, Leonard, 1860-1939. [Obituary] Brit. M. J., 1939, 2: 708.

GRANT, Margaret. Old-age security; social and financial trends; a report prepared for the Committee on social security. xiiip. 2 l. 3-261p. incl. tab. 23½cm. Wash., Social Sc. Res. Council, 1939.

GRANT, Owlsley, 1887— See Caprio, Frank S., & Grant, Owsley. Why grow old? 204p. 8°. Indianapolis [1937]

GRANT, Peter Taylor, 1884-1934. Obituary. Tr. Am. Acad. Ophth. Otol., 1935, 40: 475.

GRANT, Pryor McNeill, —1937. See Harrison, Leonard Vance, & Grant, Pryor M. Youth in the toils. 167p. 8°. N. Y., 1938.

GRANT, Reuben [Samuel] 1907— *Silicosis [Univ. Wisconsin] 34p. 4°. Milwaukee, Wis., 1933.

Typewritten.

GRANT, William W., 1846-1934.

Freeman, L. [Obituary] *Tr. West. Surg. Ass.*, 1934, 44: 522, portr.

GRANT Benavente, Jorge. *El raquitismo y la acción curativa del vigantol [Chile] 95p. 6 pl. roy. 8°. Santiago, Leblanc, 1928.

GRANT Memorial Commission. Grant (The) Memorial in Washington; prepared by Lt. Col. Clarence O. Sherrill, in collaboration with James William Bryan, ed. viii p. p. 1. 78p. 30 pl. 19 portr. 4° Wash., Gov. Print. Off., 1924.

GRANT-SMITH, Rachel. The experiences of an asylum patient; with an introduction and notes by Montagu Lomax. 190p. 8°. Lond., G. Allen & Unwin, 1922.

GRANULAR dermatitis.

See *Habronema*.

GRANULATION.

See *Arachnoid*; *Cell*; *Erythrocyte*; *Leucocyte*, &c.

GRANULATION tissue.

See also *Cicatrix*; *Fibroblast*; *Wound healing*, &c. For specific types of granulation see *Granuloma*; also specific forms of granuloma as *Syphiloma*; *Tubercle*, &c.

KAPPEY, W. *Versuche über Vitalfärbung am Granulationsgewebe [Göttingen] 12p. 8°. Brunsch., 1926.

Austoni, B., & Coggi, G. Sulla resistenza del tessuto di granulazione all'infezione; tessuto di granulazione e infezione stafilococcica. *Boll. Ist. sieroter. milan.*, 1937, 16: 327-44, 2 pl.—**Bodon, G.** [Bactericide power of granulation tissue] *Orvosképzés*, 1935, 25: dec. különf. (T. Verebely Festschr.) 279-91.—**Bungeler, W., & Fischer-Wasels, B.** Die Blutmonocyten im entzündlichen Exsudat und Granulationsgewebe. *Verh. Deut. path. Ges.*, 1931, 26: 148-52.—**Carminati, V.** Ricerche sull'azione neofarmativa della farina fossile in combinazione con altri stimoli e sugli innesti seriati del tessuto di granulazione. *Tumori, Milano*, 1931, 17: 101-27, 2 pl.—**Carnot, P.** Les excitants humoraux de la prolifération cellulaire (cytopoïétines et tréphones) In *Leçons du dimanche* (Carnot, P.) *Par.*, 1930, 2. ser., 1-36.—**Coffin, T. H.** On the growth of lymphatics in granulation tissue. *Johns Hopkins Hosp. Bull.*, 1906, 17: 277.—**Cosentino, G.** Sulla permeabilità ai germi patogeni del tessuto di granulazione in rapporto ad alcune sostanze che ne modificano le capacità di diffusione. *Riv. pat. sper.*, 1939, 23: 225-40.—**De Vincentiis, A.** Sulla resistenza del tessuto di granulazione verso i piogeni. *Gior. batt. immun.*, 1938, 21: 741-64.—**Filardi, G.** Contributo allo studio delle neoformazioni flogistiche a decorso lentissimo (ascessi cronici) *Policlinico*, 1917, 24: sez. chir., 345-52.—**Konstantinov, W.** Ueber die Speicherung der Vitalfarbstoffe im Granulationsgewebe. *Zschr. ges. exp. Med.*, 1928, 63: 410-25.—**Krompecher.** Vergleichend biologisch-morphologische Studien betreffend die Fibroblasten und Makrophagen (Eiterphagocyten, Pseudoanthom, Typus Gaucher, Malakoplakie, Rhinosklerom-Zellen) des menschlichen Granulationsgewebes. *Beitr. path. Anat.*, 1913, 56: 346-78, pl.—**McJunkin, F. A.** Origin of the perivascular phagocytes of granulation. *Am. J. Path.*, 1930, 6: 39-46, 2 pl.—**Manz, E.** Die Entwicklung und Neubildung von Blutgefäßen im Granulationsgewebe innerhalb einer Celluloidkammer im Kaninchenohr. *Frankf. Zschr. Path.*, 1933, 45: 464-86.—**Olivi, G.** Sulla permeabilità delle superfici di granulazione. *Atti Accad. fisioer. Siena*, 1906, 4. ser., 18: 140; 203.—**Padula, A.** Influenza della variazione del p_a del tessuto di granulazione sulla permeabilità ai germi patogeni. *Pathologica, Genova*, 1939, 31: 199-202.—**Panicucci, E. D., & Marri, P.** Ricerche sperimentali sul tessuto granulomatoso. *Ibid.*, 1932, 24: 41-7.—**Roulet, F.** Ueber die granulomartige allergische Entzündung. *Verh. Deut. path. Ges.*, 1931, 26: 189-99, pl. [Discussion] 251-8.—**Sestini, L.** A proposito di ricerche ed osservazioni recenti ed antiche sulla resistenza del tessuto di granulazione alle infezioni. *Ann. med. nav., Roma*, 1937, 43: 415-7.

GRANULATION tumor.

See *Granuloma*, infectious.

GRANULE.

See also *Cell*, *Granulation*; also under names of bacteria cells and tissues.

Hamazaki, Y., & Omori, S. Ueber einige neue säurefeste Granula und säurefeste Substanzen, mit besonderer Berücksichtigung ihres Stoffwechselsystems. *Tr. Soc. path. Jap.*, 1936, 26: 199-202.—**Loele, W.** Versuche mit künstlichen Granula. *Virchows Arch.*, 1932, 257: 271; 285: 599. ———. Natürliche und künstliche Granula. *Ibid.*, 1932-33, 287: 581-6, pl.

———. Wasserverdunstung als Granula bildender Faktor. *Ibid.*, 1934, 292: 627.—**Matuda, K.** Studien über Hamazakische spezifische säurefeste Granula in der Bronchialschleimhaut der Maus. *Tr. Soc. path. Jap.*, 1939, 29: 130.—**Mihune, K.** Ueber die Einflüsse der Natriumsilikatinjektion auf die Hamazakischen säurefesten Granula. *Ibid.*, 1937, 27: 182-5.—**Sigemori, H.** Studien über Hamazakische säurefeste Granula bei Kröten; über die Cr-säurefesten Granula bei Märzkröten. *Ibid.*, 1939, 29: 136-8.

GRANULIA.

See *Tuberculosis*, miliary.

GRANULINE.

See under *Nicotine*.

GRANULOBACTER.

See also *Bacillus*.

Imšeneck, A. Struktur und Entwicklungsgeschichte des *Granulobacter pectinovorum* (Fribes) *Arch. Mikrob.*, Berl., 1934, 5: 451-76, 2 pl.—**Omeliarsky, V., & Kononoff, M.** Sur une méthode de culture du bacille du rouissage du lin. *C. rend. Acad. sc.*, 1926, 183: 919-21.—**Speakman, H. B.** Molecular configuration in the sugars and acid production by *Bacillus granulobacter pectinovorum*. *J. Biol. Chem.*, 1923, 58: 395-413.

GRANULOCYTE.

See *Leucocyte*; *Myelocyte*, &c.

GRANULOCYTOPENIA.

See *Agranulocytosis*.

GRANULOFOCYTE.

See *Reticulocyte*.

GRANULOMA [and granulomatosis]

See also *Granulation tissue*; *Inflammation*; *Regeneration*; *Sarcoid*; also names of organs or parts affected; also proper names of granulomatous diseases as *Granuloma annulare*, &c.

INTROZZI, P. *Granulomi.* p.700-894. 8°. Milano, 1935.

Adamovich, V. O. [Plasma cells in granuloma] *Vrach. gaz.*, 1929, 33: 684-7. Also *Virchows Arch.*, 1930, 276: 230-40.—**Arzt, L.** Beiträge zur Differenzierung der granulomatösen Hauterkrankungen. *Acta derm. vener.*, Upps., 1920, 1: 365-88, 2 pl.—**Bortz, E. L.** *Granuloma.* In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 6: 894-9.—**Braasch, W. F., & Hurley, M. V.** Granulomas in the urinary tract. *J. Urol. Balt.*, 1927, 18: 595-605.—**Corsi, H.** Sub-epidermal granuloma affecting the skin of the face? sarcoid of Darier-Roussy. *Proc. R. Soc. M.*, Lond., 1935-36, 29: 927.—**Crohn, B. B.** Non-specific granulomatous lesions in and about the ileocecal region. *J. Med.*, Cincin., 1938-39, 19: 84-7.—**Eiserth, P.** [Chronic granulomatosis of fat tissue] *Orvosképzés*, 1938, 28: 881-8.—**Feldman, W. H.** Kennel granuloma. *J. Am. Vet. M. Ass.*, 1928, 73: 617-22.—**Gawalowski, K.** Sur le traitement des granulomatoses par des radiations diverses. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1420-6.—**Gordon, H.** Chronic granulomata. *Proc. R. Soc. M.*, Lond., 1936-37, 30: 1336.—**Gossage, A. M.** Case of subcutaneous granulomata. *Ibid.*, 1913-14, 7: Clin. Sect., 15-9.—**Grieco, F.** Reazione pseudoblastomatosa epiteliale in un caso di vasta ulcerazione clinicamente granulomatosa. *Rinasc. med.*, 1933, 10: 37-40.—**Haldin-Davis, H.** Granulomatous eruption in an infant: case for diagnosis. *Proc. R. Soc. M.*, Lond., 1932, 25: 1318.—**Kissmeyer** [Calcareous granulomatosis with sclerodactylia] *Dansk. derm. selsk. forh.*, 1931-32, 64: 6 pl.—**Klauder, J. V., & Weidman, F. D.** Multiple sarcoid-like granulomas of the skin of undetermined nature; supplementary note. *Arch. Derm. Syph.*, Chic., 1926, n. ser., 13: 675.—**Krauspe.** Ueber eigenartige, an Granulome erinnernde Geschwülste der oberen Luftwege und des Verdauungskansals. *Verh. Deut. path. Ges.*, 1935, 28: 166-8. [Discussion] 168.—**Lefèvre, P., Coirre & Lévy-Coblentz, G.** Granulomatose cutanée à évolution fébrile avec éosinophilie sanguine à 46% sans déterminations ganglionnaires. *Bull. Soc. fr. derm. syph.*, 1937, 44: 604-11.—**Miller, H. E.** Chronic granuloma in industrial dermatology. *Arch. Derm. Syph.*, Chic., 1939, 39: 33-44.—**Mosto, D., & Marino, H.** Granulomatosis ileo-cecal. *Arch. argent. enferm. ap. digest.*, 1936-37, 12: 23; 465.—**McWhirter, R.** Radiotherapeutic treatment of certain granulomata. *Brit. J. Radiol.*, 1938, 11: 664-6.—**Paperny, A. A.** [Problem of granulomatosis and its clinical picture] *Dnipropetr. med. J.*, 1929, 8: 364-76.—**Pautrier, L. M.** Comment se pose la

question des granulomatoses; définition de ce que l'on peut comprendre sous ce terme. Bull. Soc. fr. derm. syph., 1937, 44: 1187-92. — **Woringer, F.** Granulomatose en tumeurs de la face, du cuir chevelu, guérison par les rayons X; récidive trois ans plus tard avec des tumeurs envahissant toute la face, orut le cuir chevelu, la nuque, la poitrine et entraînant la mort. Ibid., 1949-65. — **Peruzzi, M.** Granulomi e granulomatoidi; ricerche istologiche e studio sistematico. Ann. med. nav., Roma, 1926, 1: 129-86. 3 pl. — **Poór, F.** [Case of granulomatosis with manifestations of peculiar dryness of the skin] Orv. hetil., 1929, 73: 1210. — **Ramel, E.** Granulomatose chronique d'origine indéterminée. Schweiz. med. Wschr., 1938, 68: 787. — **Rathéry, Doubrow** [et al.] Le nodule de Meynet; contribution à l'étude de l'inflammation allergique. Bull. Soc. méd. hôp. Paris, 1939-40, 3. ser., 55: 1341-4. — **Roberts, D. A.** Granulomas. North Am. Vet., 1939, 20: No. 6, 57. — **Sequeira, J. H.** Case for diagnosis (granuloma?) Proc. R. Soc. M., Lond., 1921-22, 15: Sect. Derm., 6. — **Stempel, R.** Ueber ausgedehnte multiple lipoide beziehungsweise leproide Granulome der Haut. Derm. Zschr., 1933, 67: 1-14. — **Tommasi, L.** Granulomatosi elaiopatiche con metastasi e disturbi generali. Gior. ital. derm. sif., 1936, 77: Suppl., 76. — **Tramontano, V.** Sulla granulomatosi addominale. Morgagni, 1928, 70: 2393-402. — **Warren, C. M.** ?Chronic granuloma; ? artefact. Proc. R. Soc. M., Lond., 1937-38, 31: 260. — **Wegener, F.** Ueber eine eigenartige rhinogene Granulomatose mit besonderer Beteiligung des Arterien-systems und der Nieren. Beitr. path. Anat., 1939, 102: 36-68. — **Weill, G.** Granulomatose cutanée généralisée avec tumeurs et nappes infiltrées de nature indéterminée. Bull. Soc. fr. derm. syph., 1934, 41: 1798-808. — Evolution d'une granulomatose de nature indéterminée. Ibid., 1937, 44: 1527-32.

eosinophil.

Bory, L. Les granulomes éosinophiliques chez l'animal et l'homme. Progr. méd., Par., 1938, pt 2, 1604. — **Lapière.** Un cas de granulome éosinophilique. Bull. Soc. fr. derm. syph., 1937, 44: 1479-86. — **Martinotti, L.** O granuloma eosinófilo. Resenha clin. cient., S. Paulo, 1940, 9: 397-400. — **Nanta, A., & Gadrat, J.** Sur un granulome éosinophilique cutané. Bull. Soc. fr. derm. syph., 1937, 44: 1470-9. — **Pautrier, L. M.** Le granulome éosinophilique. Bull. Acad. méd. Roumanie, 1938, 3: 432-62.

foreign body.

See also Foreign body, Effect; also in 3. ser. **Paraffinoma.**

Abrikosov, A. I. [Oleogranuloma] Russ. klin., 1927, 7: No. 33, 3-18. — **Bauer, K.** Ueber das Verhalten von Kieselgur-granulomgewebe im Explantat und die Reaktionsweise embryonalen Gewebes in vitro nach Kieselgurzusatz. Zschr. mikr. anat. Forsch., 1936, 40: 119-46. — **Brachetto-Brian, D.** Acción de las inoculaciones de Kieselgur en el tejido muscular de la gallina. Rev. Soc. argent. biol., 1926, 2: 431-8. — **Caccia, G.** Granulomi sperimentali da farina fossile in trattamento combinato con prolan. Tumori, Milano, 1936, 21: 38-55. — **Davies, J. H. T.** Multiple foreign-body granuloma. Proc. R. Soc. M., 1933, 26: 128. — **De Savitsch, E.** Granuloma resulting from penetration of talcum powder; report of a case. Med. Ann. District of Columbia, 1940, 9: 169. — **German, W. M.** Lupoid-saroid reaction induced by foreign body (silica) Am. J. Clin. Path., 1940, 10: 245-50. — **Goto, K.** Ueber experimentell erzeugte Fremdkörpergranulome an Sehnen, Gelenkkapseln und in der Haut. Sei kwai, 1930, 49: H. 2, 19-37. Also Krankheitsforschung, 1931, 9: 52-69. — **Gougerot, H.** Nombre de grains-somes thérapeutiques sont des sarcoïdes tuberculeux; 2 cas de guérison par des vaccins antituberculeux. Rev. gén. clin. théor., 1930, 44: 145-9. — **Sarcoïdes par corps étrangers.** Bruxelles méd., 1933-34, 14: 1200-7. Also Bull. Soc. fr. derm. syph., 1934, 41: 1370-9. — **Hufnagel, L., Hufnagel, A., & de Nobias, M.** Nodosités des bras (huitlèmes) après injections d'huile camphrée avec métastases aux cuisses. Ibid., 1928, 35: 488-96. — **Iwazaki, Y.** Sur quelques phénomènes provoqués chez les chenilles de papillons par l'introduction de corps étrangers. Arch. anat. micr., Par., 1927, 23: 319-46, 2 pl. — **Koch, F.** Fremdkörpergranulome mit Riesenzellen. Derm. Wschr., 1939, 103: 1349. — **Mariani, G.** Granulomatosi diffusa benigna a sede cutanea, muscolare, gliandolare, peristea, con caratteri di vasculoma. Gior. ital. derm. sif., 1926, 67: 769-94, 4 pl. — **Mazzanti, C.** Oleogranulomi e sarcoïdi sottocutanei; contributo di osservazioni cliniche e istologiche. Dermosifilografico, 1935, 10: 1-25. — **Oppenheim, M.** Lupoidähnliche Hautkrankungen nach subkutanen Injektionen. Derm. Wschr., 1913, 57: 1289-93. — **Policard, M. A.** Etude par la méthode des cultures in vitro, des réactions inflammatoires provoquées dans les tissus par les injections de terre à diatomées (granulomes à cellules géantes ou géantome) Lyon méd., 1927, 139: 334-6. — **Rabinovich, M. I.** [Oleogranuloma in infants] Pediatría, Moskva, 1929, 13: 376-84. — **Ramsey, T. L., & Douglass, F. M.** Granulomatous inflammation produced by foreign body irritants. J. Internat. Coll. Surgeons, 1940, 3: 3-10. — **Rebattu, J., Gaté, J.** [et al.] Huilomes tardifs évoluant vers des sarcoïdes. Bull. Soc. fr. derm. syph., 1937, 44: 1153-5. — **Steiner, R.** Sarcoïde Tumoren im Anschlusse an intramuskuläre Hg-Paraffininjektionen. Derm. Wschr., 1926, 83: 1724-32. — **Tamponi, M.** Granuloma vegetante da corpo estraneo simulante una tubercolosi verrucosa. Gior. ital. derm.

sif., 1934, 75: 1913-31, pl. — **Vinogradov, I.** Ueber Spätfolgen künstlicher Oleogranulome. Arch. klin. Chir., 1936, 187: 69-78. — **Wail, S. S.** [Pathogenesis of certain tuberculids and their relation to oleogranuloma] Vener. derm., Moskva, 1930, 7: 25-30. — **Wilenius, R.** [Subcutaneous lipogranuloma (oleogranuloma)] Fin. läk. säll. hand., 1915, 77: 331-8. — **Woringer, F.** Les granulomes à corps étrangers de la peau. Strasbourg méd., 1930, 90: 87; 161. — **Zakharievskaja, M.** [Changes and fate of giant cells following resorption of causative cholesterol crystals introduced subcutaneously] Arkh. biol. nauk, 1937, 47: No. 3, 100-9.

gangraenescens.

Derishanov, S. Granuloma gangraenescens. Arch. Derm. Syph., Berl., 1931, 164: 756-70. — **Heinermann, E.** Das Granuloma gangraenescens und seine Behandlung mit Vitamin C und Röntgenstrahlen. Münch. med. Wschr., 1938, 85: 2023. — **Sturm, F.** Ueber Granuloma gangraenescens. Beitr. Anat. Ohr., 1933-34, 31: 114-7. — **Tischenko, A., Kroitschik, A., & Kusnetz, M.** Etude clinique du granuloma gangraenescens. Ann. derm. syph., Par., 1936, 7. ser., 3: 763-72.

infectious.

See also under proper names of specific inflammations and granulations as **Blastomycosis; Coccidioidosis; Condyloma; Leproma; Leprosy; Tubercle, &c.**

Chini, V. Contributo allo studio delle granulomatosi streptococciche nell'infezione focale sperimentale. Sperimentale, 1934, 88: 440-55. — **Jacobson, H. P.** The infectious granulomas. Urol. Cut. Rev., 1932, 36: 279-84. — **Keyes, H. R.** Infectious granuloma. Ibid., 1934, 38: 867-71. — **Klein, J.** Experimental granuloma induced by infection with B. fusiformis. Tr. Chicago Path. Soc., 1931, 13: 398. — **Krause, C.** Die Stellung von Tuberkel und Rotzknoten in der Reihe der infektiösen Granulome. Arch. wiss. prakt. Tierh., 1927, 56: 401-19. — **Long, E. R.** Specific necrosis in the infectious granulomas; demonstration in the testis in experimental tuberculosis, Bacillus abortus infection and blastomycosis. J. Am. M. Ass., 1926, 87: 1441-5. — **Prima, C.** Zur Genese und Therapie der unspezifischen (chronisch-entzündlichen) Granulome. Zbl. Chir., 1930, 57: 395-8. — **Sannicandro, G.** Granulomi cutanei emorragici di origine focale. Riforma med., 1935, 51: 1826-9. — **Smith, A. H., & Moise, T. S.** Cutaneous lesions (infectious granulomas) on the feet of albino rats. Arch. Path., Chic., 1929, 8: 753-6. Also repr.—**Soliland, A.** The granulomata; Hodgkin's disease, lymphosarcoma and leukemia. Radiology, 1925, 5: 410-5.

inguinale.

See **Granuloma venereum.**

lipoid.

See **Cholesterosis; Lipoidosis.**

pseudo-tumor.

Serre, A. E. *Contribution à l'étude des tumeurs inflammatoires simulant les sarcomes. 53p. 8° Montpel., 1913.

Cevario, L. Le pseudo-neoplasie di natura infiammatoria. Gazz. osp., 1920, 41: 1082-8. — **Esau.** Entzündliche Tumoren unter dem Bilde bösartiger Geschwülste. Arch. klin. Chir., 1933-34, 178: 192-202. — **Greive, A.** [Granuloma tumor] Norsk. mag. lægevid., 1936, 97: 918-26, 6 pl. — **Hufnagel, H.** Zur Diagnose und Therapie nicht spezifischer, auf innere Organe übergreifender, chronisch entzündlicher Granulations-tumoren. Zbl. Chir., 1929, 56: 2508-14. — **Kuss, G.** Tumeur inflammatoire post-traumatique du médius (néoformation à plasmazellen et myélopaxes) In Livre jub. (Hartmann, H.) Par., 1932, 349-56. — **Lang, F. J., & Häupl, C.** Ueber Granulationstumoren. Zschr. Krebsforsch., 1927-28, 26: 113-29. — **Luz, F.** Tumor inflammatorius. Rev. med. Bahia, 1936, 4: 173-87. — **Otani, S., & Ehrlich, J. C.** Solitary granuloma of bone simulating primary neoplasm. Am. J. Path., 1940, 16: 479-90, 4 pl. — **Piquet.** Quelques observations de tumeurs inflammatoires. Bull. Soc. méd. Yonne, Auxerre, 1913, 54: 11-25. — **Pribrsky, J.** [Relation and changes in the calcium and potassium of the blood after stimulating injections in cases of inflammatory tumors in women] Shorn. lëk., 1933, 35: 57-77. — **Stoppani, F., & Einaudi, M.** Sopra i tumori di granulazione. Athena, Roma, 1939, 8: 289-93.

in cattle.

Heelsbergen, T. van, & Clarenburg, A. Beitrag zur Kenntnis des Rökischen Granuloms beim Rinde. Zschr. Fleisch Milchw.-hvg., 1933-34, 44: 223-8. Also Tsch. diergesk., 1934, 61: 684-95. — **Verge, J., Buck, G.** [et al.] Le granulome de Roeckl chez le zebu. Rec. méd. vét., 1939, 115: 257-62.

GRANULOMA angiomatodes.

See **Sarcoma, multiple hemorrhagic [Kaposi]**

GRANULOMA annulare.

See also *Granuloma benignum*; *Tuberculid*; also in 3. ser. *Lichen annular*.

BOUCHERON, M. J. C. *Etude de 175 cas de granulome annulaire parus dans la littérature de 1933 à 1938. 42p. 24cm. Par., 1938.

GERHARD, P. *Ueber atypische Fälle von Granuloma annulare [Marburg] 30p. 22½cm. Essen, 1937.

PAPAVRAM, T. *Contribution à l'étude du granulome annulaire. 58p. 8°. Par., 1934.

ROTH, A. *Ein kasuistischer Beitrag zum Granuloma annulare. 29p. 8°. Erlangen, 1931.

SCHMIDT, K. *Kasuistischer Beitrag zum Granuloma annulare [Erlangen] 39p. 8°. Greifswald, 1927.

SHARP, C. A. Z. *Contribution à l'étude du granulome annulaire [Genève] 16p. 8°. Annemasse, 1933.

Baranov, O. D. [Cases of granuloma annulare] Med. misl, Rostov, 1925-26, 3: 55-8.—Benedek, T. Granuloma annulare; case. Arch. Derm. Syph., Chic., 1938, 38: 280-2.—Brain, R. T., & Muende, I. Granuloma annulare. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Derm., 1403.—Burnier & Rejsek. Un cas de granulome annulaire. Bull. Soc. fr. derm. syph., 1926, 33: 480.—Capurro, J. Granuloma annular. Rev. As. méd. argent., 1935, 49: 1147-59. Also Sem. méd., B. Air., 1936, 43: 384-90. Also Urol. Cut. rev., 1937, 41: 497-501.—Caro, M. R. Granuloma annulare. Arch. Derm. Syph., Chic., 1935, 32: 686.—Combes, F. C., & Bluefarb, S. M. Erythema elevatum diutinum; report of a case. Ibid., 1940, 42: 441-6.—Cortelezzi, E. D., & Barani, L. T. Granuloma annular. Rev. As. méd. argent., 1936, 50: 805-12.—Crocker, H. R. Granuloma annulare. Brit. J. Derm., 1902, 14: 1-9, 2 pl. — A new case of granuloma annulare. Ibid., 307.—Dalton, J. E., Mettel, H. B., & Kraft, B. Granuloma annulare. Med. Arts, 1932, 35: 760-2.—Diasio, F. A. Granuloma annulare; report of a case. Urol. Cut. Rev., 1935, 39: 33-7.—Feit, H. Granuloma annulare. Arch. Derm. Syph., Chic., 1935, 31: 898.—Fernández Criado, M. Liqueur annular. An. Hosp. S. José, Madr., 1930-31, 2: 111, pl. — Un nuevo caso de liquen annular. Ibid., 1931-32, 3: 126-8.—Eklund, C. E. Granuloma annulare. Proc. R. Soc. M., Lond., 1937-38, 31: 545.—Gaté, J., Cuilleret, P., & Blanchard, H. Granuloma annulaire. Bull. Soc. fr. derm. syph., 1939, 46: 926.—Gately, J. E., & Ketron, L. W. Erythema elevatum diutinum (Weidman) Arch. Derm. Syph., Chic., 1939, 39: 901-3.—Graham-Little, E. Granuloma annulare. Proc. R. Soc. M., Lond., 1932, 25: 1326.—Gray, A. M. H. Erythema elevatum diutinum. Ibid., 1743.—Grieco, V. Granuloma annular. Rev. As. paul. med., 1936, 9: 137-43, 2 pl.—Hallé, J. Un cas de granulome annulaire. Bull. Soc. pédiat. Paris, 1938, 36: 388-90.—Halliwell, E. O., & Ingram, J. T. Granuloma annulare. Brit. J. Derm. Syph., 1935, 47: 319-40.—Hitch, J. M. Granuloma annulare. Arch. Derm. Syph., Chic., 1940, 42: 353.—Imshenezky, A. [Case of granuloma annulare] Vrach. gaz., 1928, 32: 28-30.—Little, G. Granuloma annulare. Brit. J. Derm., 1906, 18: 182. Also Proc. R. Soc. M., Lond., 1907-8, 1: Derm. sect., 95-163.—Lortat-Jacob & Legrain. Un cas de granulome annulaire. Bull. Soc. fr. derm. syph., 1927, 34: 438-40.—Marzollo. Granuloma centrifugum. Gior. ital. derm. sif., 1934, 75: Suppl., 234.—Momose, K. Ueber das Erythema elevatum diutinum. Jap. J. Derm. Urol., 1932, 32: 35-7.—Netherton, E. W., & Curtis, G. H. Granuloma annulare. Arch. Derm. Syph., Chic., 1941, 43: 203.—Othaz, E. L., Ponce de Léon, S., & Palau, D. Granuloma annular. Rev. As. méd. argent., 1936, 50: 2099-105.—Perantoni Satta, G. Un caso di granuloma annulare recidivante. Rinasc. med., 1926, 3: 144-6.—Ramos e Silva, J. Granuloma annular. An. brasil. derm. sif., 1939, 14: 51.—Rivelloni, G. Su di un caso di granuloma annulare. Gior. ital. derm. sif., 1937, 78: 71-87, 2 pl.—Savill, T. D. A persistent ringed eruption: lichen annularis. Brit. J. Derm., 1905, 18: 23.—Spiethoff. Granuloma annulare. Arch. Derm. Syph., Berl., 1926, 151: 341.—Steiger-Kazal, D. Ein Fall von Erythema elevatum et diutinum. Derm. Wschr., 1932, 94: 416-9.—Templeton, H. J. Erythema elevatum diutinum. Brit. J. Derm., 1928, 40: 193-6, pl.—Truffi, M. Granuloma annulare di Crocker. Gior. ital. derm. sif., 1937, 78: Suppl., 76-9.—Vigne, P., Casabianca & Bonnet, J. Granuloma annulaire. Marseille méd., 1939, 76: pt 2, 301-3.—Wissler, H. Ein Fall von Granuloma annulare. Arch. Kinderh., 1935, 105: 245-7.

Diagnosis.

Abramowitz, E. W. Granuloma annulare? papulonecrotic tuberculid? a case for diagnosis. Arch. Derm. Syph., Chic., 1940, 42: 386.—Airey, F. S. Granuloma annulare? lupus vulgaris? Proc. R. Soc. M., Lond., 1939-40, 33: Sect. Derm., 582. Also Brit. J. Derm. Syph., 1940, 52: 265-8.—Allington, H. V. A case for diagnosis (erythema elevatum diutinum, plus erythematous eruption of the face?) Arch. Derm. Syph., Chic., 1938, 37: 884.—Corson, E. F. An unusual ringed eruption (Granuloma annulare?) Ibid., 1928, 18: 415-9.—Goldsmith,

W. N. Giant granuloma annulare (?) Proc. R. Soc. M., Lond., 1929-30, 23: Sect. Derm., 12.—Hirschfeld. Granuloma annulare-ähnliches Tuberkulid. Zbl. Haut Geschlkr., 1926, 20: 740.—Mitchell-Heggs, G. B. Granuloma annulare? Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Derm., 1574. Also Brit. J. Derm. Syph., 1939, 51: 526.—Rygier-Cekalska [Granuloma annulare?] Przegl. derm., Warsz., 1938, 38: 537.—Samitz, H. A. A case for diagnosis, granuloma annulare? annular erythema multiforme perstans? erythema elevatum diutinum? intra-epidermal epitheliomatosis? porokeratosis of Mibelli? Arch. Derm. Syph., Chic., 1940, 42: 746.—Schwartz, H. J., & Fraser, J. F. A case for diagnosis (granuloma annulare?) Ibid., 1935, 32: 941.—Sdgré, G. Granuloma annulare atipico o sarcoide centrifugo atrofizzante? Gior. ital. derm. sif., 1928, 69: 901-9.—Skeer, J. A case for diagnosis; eruption resembling granuloma annulare. Arch. Derm. Syph., Chic., 1940, 41: 175.—Whittle, C. H. ?Atypical granuloma annulare. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Derm., 81.

Etiology, and pathogenesis.

Bertin, E. Etiologie et pathogénie du granulome annulaire. Bull. Soc. fr. derm. syph., 1934, 41: 1273-5.—Boldt, A. Beitrag zur Klinik und Aetiologie des Granuloma annulare. Arch. Derm. Syph., Berl., 1939, 179: 603-10.—Bugarski, S. Zur Frage der Aetiologie und Pathogenese des Granuloma annulare. Dent. med. Wschr., 1940, 66: 1217-20.—Caeiro Carrasco, M. Contribuição para o estudo do granuloma annular. Med. contemp., Lisb., 1938, 56: 99-101.—Cavallucci, U. Sulla etiologia del granuloma annulare e di una sua strana localizzazione; contributo anatomo-clinico. Dermosifilograf., 1939, 14: 173-84.—Cedercreutz, A. Essai d'inoculation de granulome annulaire à l'homme. Acta derm. vener., Stockh., 1932-33, 13: 386-93.—Dittrich, O. Zur Aetiologie des Granuloma annulare. Arch. Derm. Syph., Berl., 1927, 153: 599-602.—Grassi, A. Contributo allo studio istopatologico ed etiologico del granuloma annulare. Gior. ital. derm. sif., 1936, 77: Suppl., 15.—Kissmeyer, A. Sur l'étiologie du granuloma annulaire. Bull. Soc. fr. derm. syph., 1931, 38: 64-7.—Kitchevatz, M., & Bugarski, S. Recherches expérimentales sur l'étiologie du granulome annulaire. Ibid., 1938, 45: 65-70.—Konrad, J. Ein Beitrag zur Kenntnis des Granuloma annulare. Derm. Zschr., 1927, 51: 190-2.—Mazzini, M. A., & Calcarami, J. R. Contribución al estudio del granuloma annular. Rev. As. méd. argent., 1938, 52: 571.—Michael, J. C. Etiology of granuloma annulare with special reference to the tuberculous theory. Arch. Derm. Syph., Chic., 1934, 29: 189-205.—Midana, A. Foci e granuloma annulare. Dermosifilograf., 1938, 13: 315-9.—Nicoletti, V. Contributo allo studio del granuloma annulare. Arch. ital. derm. sif., 1930-31, 6: 577-96.—Oláh, D. [New studies of the pathogenesis of granuloma annulare] Orv. hetil., 1926, 70: 837-40. Also Derm. Wschr., 1927, 84: 389-94.—Pierard, J. Le granulome annulaire doit-il être rangé parmi les sarcoides de Boeck? Bull. Soc. fr. derm. syph., 1934, 41: 1275-8.—Pinkus, H. Ueber atypische Tuberkulide, zugleich ein Beitrag zur Aetiologie des Granuloma annulare. Arch. Derm. Syph., Berl., 1934, 170: 194-222.—Serra-Costa. Contributo allo studio del granuloma annulare. Pensiero med., 1925, 14: 437; 454.—Stein, L. I. [Etiology of annular granuloma] Vener. derm. Moskva, 1929, 6: 25-9.—Ukhnevich, S. Z. [Etiology of granuloma annulare] Odess. med. J., 1929, 4: 461-4.—Voronov, D., & Olessov, I. Zur Aetiologie des Granuloma annulare. Acta derm. vener., Stockh., 1926, 7: 164-9.—Weber, F. P. A note on the suggested tuberculous origin of granuloma annulare. Brit. J. Derm., 1929, 41: 67. Also repr.—Weidman, F. D., & Besacoon, J. H. Erythema elevatum diutinum; rôle of streptococci, and relationship to other rheumatic dermatoses. Arch. Derm. Syph., Chic., 1929, 20: 593-620. Also repr.—Zachs, S. [Problem of granuloma annulare] Vener. derm. Moskva, 1929, 6: 32-5.

familial.

BLUMBERG, A. *Ueber Granuloma annulare mit besonderer Berücksichtigung des familiären Vorkommens. 20p. 8°. Marb., 1929.

Callomon, F. Granuloma annulare bei Mutter und Tochter nebst Bemerkungen zur Kasuistik und Therapie der Erkrankung. Derm. Wschr., 1926, 82: 317-25.—Schubert, M. Granuloma annulare bei Mutter und Tochter. Ibid., 1928, 86: 381-3.

generalized.

Costello, M. J. Generalized granuloma annulare. Arch. Derm. Syph., Chic., 1941, 43: 184.—Cuilleret, P. Un cas de granulome annulaire très étendu chez une enfant de 5 ans. Bull. Soc. fr. derm. syph., 1934, 41: 156.—Klein. Granuloma annulare generalisatum. Derm. Wschr., 1936, 103: 1290.—Monash, S. Granuloma annulare disseminatum; report of 2 cases. Arch. Derm. Syph., Chic., 1932, 25: 122-31.—Pines, C. Generalized granuloma annulare. Ibid., 1940, 42: 219.—Sulzberger, M. B. Granuloma annulare (disseminated) Ibid., 1936, 33: 919.

Localization.

Chorazak, T., & Woring, F. [Atypical clinical forms of annular granuloma] Przegl. derm., Warsz., 1938, 33: 1-20.—Flandin, C., Ferrand, M. [et al.] Forme anormale de granulome annulaire. Bull. Soc. fr. derm. syph., 1937, 44: 426.—Grauer,

F. H. Granuloma annulare; report of an unusual case. Arch. Derm. Syph., Chic., 1934, 30: 785-9.—Lemez, L. Ueber einen Fall von multiplem Granuloma annulare im Kindesalter. Zschr. Kinderh., 1927, 44: 328-38.—Pautrier, L. M., & Lanzenberg, P. Granulome annulaire, ayant disparu après biopsie partielle et récidivant au bout d'un an. Bull. Soc. fr. derm. syph., 1930, 37: Suppl., 1213.—Périn, L. Granulome annulaire localisé aux deux pieds. Ibid., 1932, 39: 393-5.—Perpignano, G. Granuloma annulare in sede atipica. Riforma med., 1938, 54: 273-5.—Rabut & Cailliau. Granulome annulaire de la main. Bull. Soc. fr. derm. syph., 1926, 33: 170.—Roederer, J. Granulome annulaire avec localisation à l'oreille. Ibid., 1939, 46: 392.—Sézary, A., & Horowitz, A. A propos des localisations du granulome annulaire. Ibid., 1937, 44: 614-6.—Spiller, W. F., & Klatt, E. H. Granuloma annulare; report of unusual case. South. M. J., 1936, 29: 715.—Traub, E. F. Granuloma annulare (left leg) Arch. Derm. Syph., Chic., 1940, 41: 792.—Woringer, F. Granulome annulaire à localisation à l'oreille. Bull. Soc. fr. derm. syph., 1939, 46: 393-5.—& Chorazak, T. Les formes cliniques anormales du granulome annulaire. Ann. derm. syph., Par., 1937, 7, ser., 8: 529-60.—Granulome annulaire du coude. Bull. Soc. fr. derm. syph., 1937, 44: 603-5.

Pathology.

Gaté, J., Bertoye, P., & Michel, P. J. Lichen annulaire; lichen buccal avec ulcération épithéliomatiforme de la lèvre inférieure. Bull. Soc. fr. derm. syph., 1935, 42: 1476-8.—Goodman, M. H., & Ketrón, L. W. Granuloma annulare; report of unusual cases with comment on the histology of the disease. Arch. Derm. Syph., Chic., 1936, 33: 473-94.—Grassi, A. Contributo allo studio istopatologico ed etiologico del granuloma annulare. Gior. ital. derm. sif., 1937, 78: 89-101. pl.—Margaret, J., Rimbaud, P., & Ravoire, J. Granulome annulaire; prédominance des histiocytes dans l'infiltrat. Bull. Soc. fr. derm. syph., 1937, 44: 436-43.—Meebrow, M. G. Granuloma annulare; neben Lupus vulgaris. Derm. Wschr., 1929, 88: 545-8.—Milian, G. Histologie du granulome annulaire. Bull. Soc. fr. derm. syph., 1939, 46: 665-9.—Milian & Périn, L. Granulome annulaire; lésions histologiques tuberculoïdes. Ibid., 1931, 38: 776-9.—Nageli, Papulomerketische Tuberkulide übergehend in diskoide und zirkuläre zum Teil Granuloma annulare ähnliche Tuberkulide. Schweiz. med. Wschr., 1926, 56: 402.—Pautrier, L. M., & Woringer, F. Granulome annulaire avec formations tuberculoïdes importantes. Bull. Soc. fr. derm. syph., 1931, 38: 1257-62.—Selisky, A. B. Zur Klinik und Histologie des Granuloma annulare. Derm. Wschr., 1927, 85: 1710-3.—Steiner, K. Zur Polymorphie des Granuloma annulare. Ibid., 1930, 91: 1399-404.—Szandiez, A. Zur Klinik des Granuloma annulare mit Tumorbildung. Derm. Zschr., 1937, 75: 23-31.—Trimble, W. B. Erythema elevatum ditiunum; report of a case, with comments on its nosologie position. Arch. Derm. Syph., Chic., 1926, n. ser., 13: 383-8. Also repr.—Weissenbach, R. J. Franckel, L., & Martineau. Onyxitis et périonyxis coexistant avec un granulome annulaire. Bull. Soc. fr. derm. syph., 1937, 44: 779-81.

Treatment.

LAZARESCO, L. *Le granulome annulaire et son traitement par les injections locales de sels d'or. 35p. 8°. Par., 1934.

Baer, L. Ein Fall von Granuloma annulare geheilt mit Buckystrahlen. Derm. Wschr., 1931, 92: 171-4.—Escartefigue. Granuloma annulaire; guérison après biopsie partielle suivie de récidive. Arch. méd. pharm. nav., 1932, 122: 275.—Görl, L. Zur Therapie des Granuloma annulare. Münch. med. Wschr., 1933, 80: 657.—Hess, P. Die Behandlung des Granuloma annulare mit Buckystrahlen. Derm. Wschr., 1932, 94: 643.—Milian. Granulome annulaire et vaccine. Bull. Soc. fr. derm. syph., 1939, 46: 37.—Rabelo Junior, Portugal, H., & Drolhe da Costa, E. Lesão anular curada pelo neo-salvarsan, estrutura de granuloma anular. An. brasil. derm. sif., 1939, 14: 53.—Ramel, E. D'un granulome annulaire, guéri par l'administration interne d'un extrait de sang de mouton, guériné. Bull. Soc. fr. derm. syph., 1935, 42: 742-53.—Ravaut, P. Auto-dermothérapie par électro-coagulation dans un cas de granulome annulaire. Ibid., 1928, 35: 414-6.—Sézary, A., & Duruy, A. Sur le traitement du granulome annulaire par le vaccin de Vaudremer. Ibid., 1929, 36: 270-2.—Sézary & Vaudremer. Granulome annulaire; guérison après vaccinothérapie. Ibid., 1927, 34: 112-5.

GRANULOMA bacillus.

See Klebsiella.

GRANULOMA benignum [Schaumann]

Synonyms: Besnier's lupus pernio; Boeck's miliary lupoid; Boeck's sarcoid; Lymphogranulomatosis benigna; Sundelin's granuloma; see also Angiolupoid; Granuloma annulare; Reticuloendotheliosis; Sarcoid; Tuberculid; also in 3. ser. Uveoparotitis.

KRISMEYER, A. La maladie de Boeck. 147p. 24½cm. Par., 1932.

LEDER, M. *Katamnestiche Untersuchungen bei 13 Fällen von Boeckschem Sarkoid [Zürich] p.141-64. 24cm. Basel, 1939.

Also Dermatologica, Basel, 1939, 80:

Amstad. Sarcoides superficiels. Rev. méd. Suisse rom., 1917, 37: 782.—Babalian, L. Disease of Besnier-Boeck-Schaumann. N. England J. M., 1939, 220: 143-5.—Baliña, P. L., & Quiroga, M. I. Lymphogranulomatose benigna (Schaumann) à propos des cas observés en Argentine. Acta derm. vener., Stockh., 1940, 21: 1-3.—Barber, H. W. Benign lymphogranuloma (Schaumann) Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Derm., 88.—Blanton, W. B. Sarcoidosis; report of a case. South. M. J., 1938, 31: 26-9.—Bloch. Fall von Boeck'schem Sarkoid. Schweiz. med. Wschr., 1920, 50: 872.—Boeck's sarcoid. Am. J. Roentg., 1938, 39: 951-3.—Bokstrom, C. J. [Case of benign lymphogranulomatosis] Sven. läk. tidn., 1936, 33: 1438-44.—Breton, A. La maladie de Besnier-Boeck-Schaumann. Progr. méd., Par., 1940, 284-8.—Briel, J. Ueber einen selteneren Fall von Lupoid Boeck. Derm. Wschr., 1927, 84: 793-7.—Bujak, W. Die Besnier-Boecksche Krankheit (Granuloma benignum Sundelin) Mschr. Kinderh., 1938, 74: 200-8.—Bunch, J. L. Case of Boeck's sarcoid. Proc. R. Soc. M., Lond., 1920-21, 14: Sect. Derm., 59; 1922-23, 20: Clin. Sect., 73.—C., J. La maladie de Besnier-Boeck. Arch. méd. enf., 1936, 39: 474-9.—Chiale, G. F. Sarcoido di Boeck. Gior. ital. derm. sif., 1934, 75: 212.—Cornbleet, T., Ratner, H., & Schorr, H. C. Schaumann's disease. Arch. Derm. Syph., Chic., 1939, 40: 311.—Courmont, P., Gaté, J. [et al.] Maladie de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1936, 43: 834-9. Also Lyon méd., 1936, 157: 681-6.—Eichenlaub, F. J., & Sandler, I. L. Boeck's sarcoid; report of a case and brief review of the literature. Am. J. Roentg., 1938, 39: 596-600.—Folpmer, J. A. [Besnier-Boeck-Schaumann disease] Ned. tssch. geneesk., 1937, 81: 4762.—Fox, G. H., & Wile, U. J. Sarcoid tumors of the skin with report of a case of the Boeck type. J. Cut. Dis. incl. Syph., Chic., 1911, 29: 375-82. Also repr.—Frost, K. P. Sarcoid of Boeck, a report of 3 cases. Arch. Derm. Syph., Chic., 1926, n. ser., 13: 389-97.—Gabriellova [Besnier-Boeck-Schaumann disease (Boeck sarcoid)] Cesk. derm., 1937, 17: 199-205.—Gockowski, J. [Boeck's sarcoid] Przegl. derm., Warsz., 1935, 30: 274.—Gordon, H. Sarcoid of Boeck: further report on a case previously shown. Proc. R. Soc. M., Lond., 1934-35, 28: 1536.—Gray, A. M. H. Case of Boeck's sarcoid. Ibid., 1923-24, 17: Sect. Derm., 8.—Greenbaum, S. S. Sarcoidosis (Boeck or Besnier-Boeck disease) Arch. Derm. Syph., Chic., 1935, 32: 820.—Gross, E. R. Sarcoid of Boeck. Ibid., 1939, 39: 940.—Halberstaedter. Boecksches sarcoid. Derm. Zschr., 1911, 18: 45.—Hollander, L., & Schleisinger, C. R. Sarcoid of Boeck. Arch. Derm. Syph., Chic., 1934, 29: 387-97.—Holm, E. A case of sarcoid of Boeck. Acta ophth., Kbh., 1937, 15: 235-8.—Jongman's E. W. [Case of Besnier-Boeck's disease] Ned. tssch. geneesk., 1940, 84: 277-9, pl.—Klaber, R. Boeck's disease (sarcoid) Proc. R. Soc. M., Lond., 1934, 27: 1576.—Klauder, J. V., & Weidman, F. D. Zur Klinik des Boeckschen Sarkoids. Derm. Wschr., 1934, 91: 1665-8.—Kollbrunner, F. Ueber einen Fall von Boeckscher Krankheit. Deut. Arch. klin. Med., 1939-40, 185: 471-7.—Lambie, C. G. Besnier-Boeck's disease or benign lymphogranulomatosis of Schaumann; the Besnier-Boeck-Schaumann syndrome. Med. J. Australia, 1940, 1: 815-26, 8 pl.—Löfller, W. Ueber die Boecksche Krankheit. Helvet. med. acta, 1937, 4: 747-54.—Lomholt, S. [Boeck's sarcoid] Hospitalstidende, 1932, 75: [Dansk derm. selsk. forh.] 66.—[Case of Boeck's sarcoid] Ibid., 1933, 76: [Dansk derm. selsk. forh.] 32.—Sarcoid (Boeck) oder Lymphogranulomatosis benigna (Schaumann) ein kurzer Uebersicht auf dem Grundlunge von 60 Fällen. Acta derm. vener., Stockh., 1937, 18: 131-49.—Fall von Lymphogranulomatosis benigna (Schaumann) (Sarcoid Boeck) Derm. Wschr., 1937, 105: 864.—Longcope, W. T., & Pierson, J. W. Boeck's sarcoid (sarcoidosis) Bull. Johns Hopkins Hosp., 1937, 60: 223-96.—MacDonald, W. J. Sarcoid (Boeck) Urol. Cut. Rev., 1936, 40: 613-7.—MacKenna, R. M. B. A case of lymphogranulomatosis benigna. Brit. J. Derm. Syph., 1937, 49: 447.—Maderna, C. Su di un caso di sarcoido di Boeck (contributo, clinico, isto-patologico e terapeutico) Riforma med., 1930, 46: 443-50.—Malattia (La) di Besnier-Boeck. Rinasc. med., 1935, 12: 60.—Marinescu, G. [Benign lymphogranuloma] România med., 1932, 10: 99.—Martelli, C. La malattia di Besnier-Boeck-Schaumann. Rinasc. med., 1939, 16: 75.—Mauss. Ein Fall von Boeck'schem Sarkoid. Zschr. Laryng., 1933, 24: 222-8.—Montanus, W. P. Boeck's sarcoid; a report of 2 cases. J. Med., Cincin., 1938-39, 19: 76-8.—Morin & Rabourdin. Deux cas de maladie de Boeck. Rev. méd. Suisse rom., 1940, 60: 252.—Naumann, O. Kasuistischer Beitrag zur Kenntnis der Schaumannschen benignen Granulomatose (Morbus Besnier-Boeck-Schaumann) Zschr. Kinderh., 1938-39, 60: 1-8.—Nékám, L. [Case of Boeck sarcoid] Gyógyászat, 1939, 79: 271.—News, G. H., & Hardwick, C. Boeck's sarcoid; case report. Proc. R. Soc. M., Lond., 1937-38, 31: 1124-6.—Besnier-Boeck's disease in an infant. Arch. Dis. Childh., Lond., 1939, 14: 78-83.—Nicolas, J., Coste, J. [et al.] Un cas de maladie de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1936, 43: 1315-22.—Nicolas, J., & Gaté, J. A propos d'une observation de maladie de Besnier-Boeck-Schaumann. Acta derm. vener., Stockh., 1940, 21: 349-64.—Nicoletti, V. Di un caso di sarcoido di Boeck. Gior. ital. derm. sif., 1935, 76: Suppl., 99-102, pl.—Nobl, G. Kutaner

- sarkoid. Wien. klin. Wschr., 1917, 30: 797.—Obermayer, M. E., & Becker, S. W. Sarkoid (lymphogranulomatosis benigna) of Schaumann, Besnier (Boeck) Arch. Derm. Syph., Chic., 1939, 40: 312.—Omens, D. Boeck's sarcoid. Ibid., 1940, 41: 592.—Omens, D. V., & Ebert, M. H. Sarkoid of Boeck. Ibid., 1941, 42: 1154.—Pautrier, L. M. Nouveau cas de maladie de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1934, 41: 1809-13. Also Presse méd., 1935, 43: 146-9. —& Lanzenberg. Nouveau cas de maladie de Besnier-Boeck-Schaumann. Bull. Soc. fr. derm. syph., 1935, 42: 1681-92.—Pompen, A. W. M. [Besnier-Boeck's disease] Ned. tschr. geneesk., 1936, 80: 3409-15.—Rabello, E. Casos de sarcoides. Arch. brasil. med., 1917, 7: 306. Also Brasil med., 1918, 32: 67.—Rabelo Junior, Portugal, H. [et al.] Sarkoides dermico de Boeck; síndrome de Schaumann. An. brasil. derm. sif., 1939, 14: 40.—Rasch, C. [A case of Boeck's sarcoid] Hospitalstidende, 1918, 61: 1375.—Rattner, H., & Neuhauser, I. Sarkoid of Boeck. Arch. Derm. Syph., Chic., 1940, 41: 1172.—Rischel, A. [Benign lymphogranulomatosis (Sarcoid Boeck-Schaumann)] Ugeskr. laeger, 1937, 99: 1221-3.—Roovers, J. J. C. P. A. [Besnier-Boeck disease] Ned. tschr. geneesk., 1935, 79: 5541-17, pl.—Rossel, G. Deux cas de maladie de Boeck. Rev. méd. Suisse rom., 1939, 59: 420-34.—Saleun, G., Ceccaldi, J., & Gourvil, R. La lymphogranulomatosse bénigne à Brazzaville. Bull. Soc. path. exot., Par., 1936, 29: 522-33.—Santoianni, G. La malattia di Besnier-Boeck-Schaumann. Arch. ital. derm., 1939, 15: 61-90.—Savatard, L. Benign lymphogranulomata (sarcoid) Proc. R. Soc. M., Lond., 1923-24, 17: Sect. Derm., 1.—Schaumann, J. Sarkoides sous-cutanées. Acta derm. vener., Stockh., 1922, 3: 431. Also Forb. Nord. derm. foren. (1922) 1923, 5. Kongr., 121.—Schoff, C. E. Sarkoid of Boeck. Arch. Derm. Syph., Chic., 1936, 33: 566.—Scott, R. B. The sarcoidosis of Boeck. Brit. M. J., 1938, 2: 777-81, pl.—Sclander, E. [Case of benign lymphogranulomatosis] Hygiea, Stockh., 1938, 100: 887-9.—Semon, H. Benign lymphogranulomatosis, Schaumann. Proc. R. Soc. M., Lond., 1937-38, 31: 1170. Also Brit. J. Derm. Syph., 1938, 50: 545-8.—Stallard, H. B., & Tait, C. B. V. Boeck's sarcoidosis; case record. Lancet, Lond., 1939, 1: 440-2.—Stokes, J. H. Sarkoid of Boeck. Arch. Derm. Syph., Chic., 1938, 37: 525.—Strada, F., & Garzón, R. A propósito de un caso de sarcoides de Boeck. Prensa méd. argent., 1926-27, 13: 897-908.—Strandberg. Boecks sarkoid. Acta derm. vener., Stockh., 1935, 16: 100.—Sundelin, F. Granulomatosis benigna (Boecks benignes Miliarlupus, Schaumanns benigna Lymphogranulomatose u. a.) Wien. Arch. inn. Med., 1935, 27: 437-60.—Taylor, V. W., jr. Boeck's sarcoid. North Carolina M. J., 1940, 1: 561-3.—Tillgren, J. Schaumann's disease (Lymphogranulomatosis benigna) Acta med. scand., 1937, 93: 189-208.—Timmermann. Boecksches Sarkoid. Derm. Wschr., 1937, 105: 899.—Ullmo, A. La maladie de Besnier-Boeck (Lymphogranulomatose bénigne de J. Schaumann, sarcoides dermiques de Boeck, lupus pernio de Besnier-Tenneson) J. méd. chir., Par., 1934, 105: 818-22.—Westrienen, A. van [On a case of Besnier-Boeck's disease] Mschr. kindergeneesk., 1938-39, 8: 262-72, 3 pl.—Whittridge, S. M. Benign lymphogranuloma. Proc. R. Soc. M., Lond., 1936-37, 30: 1329.—Whittle, C. H. Schaumann's disease (benign lymphogranulomatosis) an account of a case. Brit. J. Derm. Syph., 1936, 48: 356-65, 9 pl.—With, T. K., & Helweg-Larsen, P. [Case of benign lymphogranulomatosis (Boeck-Schaumann sarcoid)] Ugeskr. laeger, 1937, 99: 763-9.—Wohlens. Séance consacrée à la maladie de Besnier-Boeck-Schaumann; introduction et aspect clinique. Rev. méd. Suisse rom., 1940, 60: 901.—Zoon, J. J. [Boeck's sarcoid] Ned. tschr. geneesk., 1939, 83: 868-75, 4 pl.
- Associated diseases.**
- Bonnevie, P. Ueber einen Fall von sehr ausgebreiteter, subakuter Lymphogranulomatosis benigna mit Lupus follicularis s. miliaris disseminatus. Arch. Derm. Syph., Berl., 1937-38, 176: 732-7.—Buschke, A., & Joseph, A. Boecksches Sarkoid und papulo-nekrotisches Tuberkulid. Derm. Wschr., 1929, 88: 269-73.—Cortella, E. Sopra un caso di malattia di Schaumann-Besnier-Boeck e di sarcoides Darier-Roussy. Riforma med., 1938, 54: 1339-46.—Gougerot. Tuberculides rifo en nappes et xanthome dans les mêmes lésions hypercholestérinémie défensive et curative. Paris méd., 1928, 67: 64-8.—Martenstein. Sarkoid Boeck mit Granuloma annulare-ähnlichen Herden an den Fingern. Zbl. Haut Geschlkr., 1927-28, 24: 585.—Nicolas, J., & Petouraud, C. Tuberculides multiples; lupus érythémateux du visage, tuberculides nécrotiques géantes et papulo-nécrotiques des membres supérieurs; sarcoides de Boeck. Bull. Soc. fr. derm. syph., 1930, 37: 425-8.—Ramel, E. Association d'angio-lupoides et de sarcoides dermiques de type Boeck; coxite bilatérale chronique, déformante de caractère particulier. Ibid., 1934, 41: 1134-42.—Säufferlin, H. Gleichzeitiges Vorkommen von Lupus pernio und Lupus vulgaris; zugleich ein Beitrag zur Frage der Aetiologie des Lupus pernio. Derm. Wschr., 1934, 99: 884-8.
- Diagnosis.**
- Abramowitz, E. W. A case for diagnosis (sarcoid of Boeck?) Arch. Derm. Syph., Chic., 1939, 40: 817.—Astrachan, G. D. A case for diagnosis (sarcoid of Boeck and of Darier and Roussy) Ibid., 850.—Biering, A. [Benign lymphogranulomatosis as internal disease] 10 year old boy, clinical diagnosis verified by biopsy] Nord. med., 1939, 4: 3361-4.—Fox, H. Case for diagnosis (sarcoid or mycosis fungoides?) J. Cut. Dis. incl. Syph., 1917, 35: 180-4.—Genner, V. [Case for diagnosis; Boeck's sarcoid?] Hospitalstidende, 1937, 80: [Dansk derm. selsk. forh.] 28.—Gray, A. M. H. Case for diagnosis; cutaneous sarcoid of Boeck. Proc. R. Soc. M., Lond., 1919-20, 13: Sect. Derm., 63; 1926-27, 20: Sect. Derm., 92.—Haldin-Davis, H. Benign lymphogranulomatosis (?) Ibid., 1928-29, 22: Sect. Derm., 13.—Hall, A. F., jr. A case for diagnosis (Boeck's miliary lupoid? leprosy?) Arch. Derm. Syph., Chic., 1940, 42: 507.—Holmström, P. [A doubtful case of benign lymphogranulomatosis] Hygiea, Stockh., 1938, 100: 894-9. Also Nord. med., 1940, 5: 311-3.—Michelson, H. E. A case for diagnosis (possible Besnier-Boeck-Schaumann disease?) Arch. Derm. Syph., Chic., 1939, 39: 1094.—Morris, M. Case for diagnosis [probably benign sarcoid of Boeck] Proc. R. Soc. M., Lond., 1910-11, 4: Derm. Sect., 25.—Palmer, J. H. Boeck's disease; sarcoid; its clinical groups and diagnosis. Canad. M. Ass. J., 1940, 43: 11-8.—Roxburgh, A. C., & Klaber, R. Boeck's sarcoid. Proc. R. Soc. M., Lond., 1935-36, 29: 1284.—Schaumann, J. Sur quelques dermatoses non attribuables à la lymphogranulomatose bénigne. Bull. Soc. fr. derm. syph., 1934, 41: 1322-7.—Scheer, M., & Good, C. K. A case for diagnosis (lupus tunidus? lupus pernio? sarcoid?) Arch. Derm. Syph., Chic., 1937, 35: 520.—Semon, H. C. Necrotic tubercules (?) and granuloma of sarcoid type; case for diagnosis. Proc. R. Soc. M., Lond., 1929-30, 23: Sect. Derm., 17.—Sencar, F. E., Caro, M. R., & Schorr, H. C. A case for diagnosis, lupus pernio? Arch. Derm. Syph., Chic., 1940, 42: 200.—Ustved, H. J. [On nosography and diagnosis of Boeck's sarcoid] Nord. med., 1939, 2: 1677-85.
- Etiology.**
- CHANIAL, G. *Etiologie du syndrome de Besnier-Boeck; étude critique. 125p. 8°. Lyon, 1937.
- Althausen, V. L. [Problem of Boeck's sarcoid] Vener. derm., Moskva, 1929, 6: 39-43.—Beintema, K. Quelques observations concernant les sarcoides de Boeck. Bull. Soc. fr. derm. syph., 1934, 41: 112-22.—Berg, S. Tuberculose anergique ou maladie de Schaumann? Acta med. scand., 1940, 103: 8-23.—Courmont, P., Caté, J., & Gardère, H. Pathogénie de la maladie de Besnier-Boeck; étude clinique, anatomique, bactériologique et expérimentale d'un cas à marche infectieuse rapide, avec lésions pulmonaires nécrosantes, néphrite spéciale, mort par hémoptysie; microbe pathogène spécial. J. méd. Lyon, 1939, 20: 547-57, pl.—Dittrich, O. Ueber den direkten Tuberkelbazillennachweis beim Lupus pernio und beim Sarkoid Boeck. Derm. Wschr., 1930-31, 60: 395-403.—Dressler, M. Familiäres Vorkommen der Besnier-Boeck'schen Krankheit. Schweiz. med. Wschr., 1939, 69: 269-72.—Ginsburg, L. Sarkoid of Boeck in the Negro. Bull. Johns Hopkins Hosp., 1929, 45: 108-15.—Grillo, V. Contributo alla malattia di Besnier-Boeck; una fase sarcoidica della infezione tuberculosa? Gior. ital. derm. sif., 1938, 79: 647-69, 7 pl.—Harada, S., & Hashimoto, T. Beiträge zur Kenntnis des Sarkoid Boeck. Jap. J. Derm. Urol., 1934, 35: 35.—Jadassohn, W. L'origine tuberculeuse de la maladie de Boeck. Bull. Soc. fr. derm. syph., 1934, 41: 1344-54.—Jakuner, S. A. Zur Frage des benignen Miliarlupus Boeck. Derm. Wschr., 1930, 91: 1619-22.—Junior, P. R. Données nouvelles pour l'interprétation de l'affection de Besnier-Boeck; rôle de la lèpre. Internat. J. Leprosy, 1937, 5: 483-98.—Kissmeyer, A. [Clinical aspect and etiology of Boeck's sarcoid] Hospitalstidende, 1931, 74: 1047-79. —& Nielsen, J. Notes sur l'étiologie des sarcoides de Boeck. Acta derm. vener., Stockh., 1933, 14: 283-6.—Krupnikov, D. Zur Aetiologie des Boeck'schen Sarkoids. Derm. Wschr., 1927, 84: 165-70.—Lemming [Schaumann's disease—tuberculous or nontuberculous?] Nord. med., 1940, 7: 1456.—Lisi, F. Su di un caso di sarcoid di Boeck con reperto bacillare positivo. Gior. ital. derm. sif., 1935, 76: Suppl., 98.—MacCormac, H. Schaumann's disease in 2 sisters. Brit. J. Derm. Syph., 1939, 51: 278. Also Acta med. scand., 1940, 103: 152.—Pautrier, L. M. Nouvelles remarques sur la maladie de Besnier-Boeck-Schaumann, syndrome de Heerfordt, en particulier sur la variabilité des modes évolutifs, sur la variabilité de guérison des lésions et sur l'étiologie. Bull. Soc. méd. bôp. Paris, 1938, 3. ser., 54: 708-20. —& Glasser, R. Inoculation positive probable au lapin, au point d'inoculation, de lésions cutanées de maladie de Besnier-Boeck-Schaumann. Bull. Soc. fr. derm. syph., 1936, 43: 505.—Pessano, J., & Negri, T. Hypothèse sur l'étiopathogénie de la maladie de Besnier-Boeck (Lymphogranulomatose bénigne de Schaumann) et d'autres processus cutanés, la néo-scrofula. Ann. derm. syph., Par., 1935, 7. ser., 6: 606-20.—Rabello, Jr. A lepra na etiologia do lupus pernio (Besnier) e do sarcoid dermico (Boeck) Brasil med., 1935, 49: 137-43. —Données nouvelles pour l'interprétation de l'affection de Besnier-Boeck; rôle de la lèpre. Ann. derm. syph., Par., 1936, 7. ser., 7: 571-97.—Ramel, E. D'un lupus pernio (type Schaumann) probablement déterminé par un bacille tuberculeux de type bovin. Bull. Soc. fr. derm. syph., 1934, 41: 1332-44. —Syndrome de Besnier-Boeck, à nodules miliaires, associés à une anéto dermie maculeuse; inoculation positive des lésions cutanées et du sédiment urinaire au cobaye. Ibid., 1122-34.—Reenstierna, J. Du rôle possible de la lèpre dans l'étiologie des sarcoides de Besnier-Boeck et, dans l'étiologie de la maladie de Schaumann. Acta med. scand., 1940, 103: 118-22.—Saleun, G., Ceccaldi, J., & Courbil, R. La lymphogranulomatose bénigne à Brazzaville. Ann. méd.

pharm. col., Par., 1936, 34: 242-57.—**Schaumann, J.** Observations cliniques, bactériologiques et sérologiques pour servir à l'étiologie de la lymphogranulomatose bénigne. Bull. Soc. fr. derm. syph., 1934, 41: 1296-322. — & **Boström, G.** On the cellular sensitivity to tuberculin in lymphogranulomatosis benigna Schaumann as exhibited in examinations of isolated slices of skin. Acta derm. vener., Stockh., 1937, 18: 90-101.—**Sellei, J.** & **Berger, M.** Sarkoide Geschwülste in einer Familie (Sarkoide [Joseph] und lupoid-allergische Reaktion) Arch. Derm. Syph., Berl., 1926, 150: 47-51.—**Spiro, P.** Zur Ätiologie der Besnier-Boeck'schen Krankheit; ein Fall von benigner Lymphogranulomatose mit Strohfeuerpiqueur. Ann. paediat., Basel, 1939-40, 154: 199-210.—**Stein, L. J.** Contribution à la question concernant l'origine syphilitique de la sarcoid de Boeck. Rev. fr. derm. vénér., 1933, 9: 168-73.—**Türk, N.** Ueber einen Fall des multiplen benignen Sarkoid Boeck bei einem Säugling. Derm. Wschr., 1929, 89: 1756-61.—**Venturi, T.** Contributo allo studio del sarcoid di Boeck con speciale riguardo ai suoi rapporti con la tubercolosi. Gior. ital. derm. sif., 1926, 67: 752-60.—**Vignolo-Lutati, C.** Contributo allo studio dei cosiddetti tumori cutanei sarcoidi; pseudoleucemia e sarcoid di Boeck. Riforma med., 1916, 32: 1130-4.—**Watanabe, K.** & **Moriyama, G.** Zur Ätiologie des Miliarlupoid Boeck. Jap. J. Derm. Urol., 1928, 28: 83-5, pl.—**Werthemann, J.** Zur Frage der sogenannten Lymphogranulomatosis benigna. Schweiz. med. Wschr., 1938, 68: 1303.—**Whitehead, H. G.** Sarcoidosis: a manifestation of tuberculosis without allergy; studies on the possible etiological relationship of an acid-fast chromogen isolated from 2 cases. Bull. Am. Acad. Tuberc. Physicians, 1940, 4: 117-22.

— generalized.

JORDAN, J. W. *Besnier-Boeck's disease; report of two extensive cases [Univ. Buffalo] 32 l. 4° Buffalo, 1936.

Also Arch. Derm. Syph., Chic., 1937, 35: 663.

Briel, J. Ein Fall von disseminiertem Lupoid Boeck. Derm. Wschr., 1929, 89: 1233-6.—**Escartefigue, J.** Un cas de lupoides miliaires disséminés. Arch. méd. pharm. nav., 1935, 125: 495-8.—**Harrell, G. T.** Generalized sarcoidosis of Boeck; a clinical review of 11 cases, with studies of the blood and the etiologic factors. Arch. Int. M., 1940, 65: 1003-34.—**Hollister, W. F.** & **Harrell, G. T.** Generalized sarcoidosis of Boeck accompanied with tuberculosis and streptococcal bacteremia; a clinicopathologic study with autopsy and animal inoculations. Arch. Path., Chic., 1941, 31: 178-88.—**Hunter, F. T.** Hutchinson-Boeck's disease (generalized sarcoidosis) historical note and report of a case with apparent cure. N. Eng. J. M., 1936, 214: 346-52.—**Irgang, S.** Sarcoid of Boeck; report of a case of generalized cutaneous distribution and pulmonary involvement, with clinical cure with tuberculin. Arch. Derm. Syph., Chic., 1939, 40: 35-44.—**Kempers, T. E.** [Case with multiple benign sarcoids (Boeck)] Ned. tsschr. geneesk., 1928, 72: 614.—**Leifer, W.** Sarcoidosis, Besnier-Boeck-Schaumann syndrome, involving the skin, the lymph nodes, the bones and the tendon sheaths. Arch. Derm. Syph., Chic., 1938, 38: 457-60.—**Longcope, W. T.** The generalized form of Boeck's sarcoid. Tr. Ass. Am. Physicians, 1936, 51: 94-102. Also In Pract. Libr. M. & S. (Appleton) N. Y., 1938, Suppl., 125-35.—**Nobl, E.** Eine disseminierte Form des grossknotigen Sarkoid Boeck. Arch. Derm. Syph., Wien, 1918-19, 125: Ref., 337.—**Pautrier, L. M.** Sarcoides de Boeck généralisées. Bull. Soc. fr. derm. syph., 1933, 40: 1540-2. — Sarcoides de Boeck disséminés sur la face et le corps. Ibid., 1542-6.—**Reisner, D.** Boeck's sarcoid and systemic sarcoidosis. Tr. Nat. Tuberc. Ass., N. Y., 1939, 35: 107-13.—**Terebinski, V. I.** [Multiple benign Sarcoid Boeck] Vrach. gaz., 1912, 19: 1169; 1188.

— Manifestations.

JACOB, H. [K. G.] *Die Häufigkeit und das Erscheinungsbild des Boeck'schen Sarcoids an Hand des Krankenguts der Universitäts-Hautklinik in Breslau. 40p. 8° Bresl., 1938.

Badger, T. L. Clinical and X-ray manifestations of Boeck's sarcoid. Tr. Nat. Tuberc. Ass., N. Y., 1939, 35: 136.—**Bernstein, M.** Boeck's sarcoid of the skin, with constitutional symptoms. Atlantic M. J., 1926-27, 30: 284.—**Bonnevie, P.** [Unusual cutaneous manifestation of lymphogranulomatosis benigna Schaumann] Nord. med., 1940, 6: 685.—**Frizzell, L. F.** & **Medi, W. T.** Report of a case of Boeck's sarcoid with constitutional symptoms, eye, glandular, pulmonary, and skin lesions. N. York State J. M., 1939, 39: 124-7.—**Haltrecht, N.** [Boeck's epithelial sarcoid (Besnier-Boeck's disease) from the view-point of general medicine] Polska gaz. lek., 1939, 18: 708-13.—**Pasini, A.** Linfo-granulomatosi benigna di Schaumann senza manifestazioni cutanee. Gior. ital. derm. sif., 1939, 80: 1-12, 2 pl.—**Pautrier, M.** Conférence sur les lésions nerveuses de la maladie de Besnier-Boeck-Schaumann, syndrome de Heerfordt. Rev. otoneur., Par., 1939, 17: 459.—**Roos, B.** Neurologische Symptome bei der Schaumannschen benignen Lymphogranulomatose. Acta psychiat. neur., Kbh., 1938, 13: 41-60.—**Rothfeld, J.** Ein Fall von Lupus pernio mit schweren Gehirnerscheinungen. Klin. Wschr., 1930, 9: 1030-2.—**Salvesen, H. A.** The sarcoid of Boeck, a

disease of importance to internal medicine; report on 4 cases. Acta med. scand., 1935, 86: 127; 1936, Suppl. 78, 322-6.—**Schaumann, J.** Lymphogranulomatose bénigne sans manifestations cutanées. Bull. Soc. fr. derm. syph., 1933, 40: 1792-8.—**Svinkina, S. F.** [Clinical aspect of lymphogranulomatosis] Sovet. vrach. J., 1938, 42: 265-78.—**Vosbein, E. B.** & **Bonnevie, P.** Cutaneous manifestations of lymphogranulomatosis benigna Schaumann; a clinical survey based on 34 cases. Acta derm. vener., Stockh., 1940, 21: 408-57.

— Manifestations, ocular [Heerfordt's syndrome]

See also in 3. ser. Uveoparotitis.

GROLLEMUND, J. *Contribution à l'étude du complexe syndrome d'Heerfordt; maladie de Besnier-Boeck et Schaumann. 89p. 25½cm. Lyon, 1939.

VALROFF, G. *Contribution à l'étude du syndrome de Heerfordt. 43p. 8° Par., 1937.

Alder, A. Zur Kasuistik der Febris uveo-parotidea. Schweiz. med. Wschr., 1939, 69: 1047.—**Anderson, C. R.** Sarcoid of Boeck with uveitis and keratitis. Arch. Derm. Syph., Chic., 1940, 42: 489.—**Arbuse, D.** & **Madonick, M.** Uveo-parotid fever, Heerfordt's syndrome, neurologic manifestations; report of 2 cases. Am. J. M. Sc., 1938, 196: 222-32, pl.—**Ayoub, J. E. M.** Uveo-parotitis. Proc. R. Soc. M., Lond., 1936-37, 30: 947.—**Bahr, G. von.** A case of uveoparotitis with perivasculitis and other rare symptoms. Acta ophth., Kbh., 1938, 16: 101-8.—**Bonnet, P.** & **Paufigue, L.** L'uvéoparotidite, syndrome de Heerfordt; ses relations avec la maladie de Besnier-Boeck-Schaumann. J. méd. Lyon, 1938, 19: 183-9.—**Bruins Slot, W. J.** [Besnier-Boeck's disease and uveo-parotid fever] Ned. tsschr. geneesk., 1936, 80: 2859-63, pl. — [Besnier-Boeck-Schaumann disease and Heerfordt's uveo-parotitis] Ibid., 1939, 83: 227-9. — **Goedbloed, J.** & **Goslings, J.** Die Besnier-Boeck-Schaumannsche Krankheit und die Uveo-Parotitis (Heerfordt) Acta med. scand., 1938, 94: 74-97.—**Cantonnet, A.** & **Valroff, G.** Le syndrome de Heerfordt. Clinique, Par., 1937, 32: 247.—**Cogan, D. G.** Uveoparotid fever; case report. Am. J. Ophth., 1935, 18: 637-40.—**Cohen, S. J.** & **Rabinowitz, M. A.** Uveoparotitis. J. Am. M. Ass., 1935, 105: 496-9.—**Copeze, H.** & **Dujardin, B.** Un cas de maladie de Besnier-Boeck ou lymphogranulomatose bénigne de Schaumann à manifestations oculaires. Arch. opht., Par., 1938, n. ser., 2: 497-505, 2 pl. Also Bull. Soc. belge opht., 1937, No. 75, 39-49, 2 pl.—**Dalsgaard-Nielsen, E.** Uveoparotid fever in a case of Boeck's sarcoid. Acta ophth., Kbh., 1940, 18: 210-9.—**Davies, T. A. L.** Uveoparotitis polyneuritis; report of a case. Lancet, Lond., 1934, 2: 746-8.—**Dieffenbach, P.** Syndrome de Heerfordt avec maladie de Besnier-Boeck. Bull. Soc. opht. Paris, 1938, 294-9.—**Dorrell, E. A.** A case of febris uveo-parotidea subchronica. Berkshire Hosp. Rep., 1932, 91-3.—**Folger, H. P.** Uveoparotitis (Heerfordt) report of a case. Arch. Ophth., Chic., 1936, 15: 1098-116.—**Foster, J.** Uveoparotid tuberculosis as an incident of chronic cycitis. Tr. Ophth. Soc. U. K., 1938, 58: 433.—**Gilbert, W.** Ueber Uveoparotitis und ihre Beziehungen zur Mikulicz'schen Erkrankung und zum Boeck'schen Sarkoid; Ergebnisbericht über die Jahre 1934-39. Zbl. ges. Ophth., 1939-40, 44: 321-8.—**Gordon, H.** Benign lymphogranulomatosis with ocular symptoms. Proc. R. Soc. M., Lond., 1936-37, 30: 1057.—**Hamburger, L. P.** Uveoparotitis. In Pract. Libr. M. & S. (Appleton) N. Y., 1938, Suppl., 118-24.—**Hoffmann, E.** Boeck'sches Lupoid mit Iridocyclitis, Septumulus und Nebenhodenerkrankung. Derm. Zschr., 1918, 26: Beih., 17.—**Jersild, M.** The syndrome of Heerfordt (uveo-parotid fever) a manifestation of Boeck's sarcoid. Acta med. scand., 1938, 97: 322-8. Also Ugeskr. laeger, 1938, 100: 765-8.—**Jessen, H.** [Uveo-parotitis (Heerfordt's syndrome)] Ibid., 106-9.—**Kristjansen, A.** [Boeck's sarcoid with iritis] Dansk. derm. selsk. forh., 1931-32, 64: 31.—**Kruskal, I. D.** & **Levitt, J. M.** Uveoparotid tuberculosis. Am. J. Ophth., 1935, 18: 735-8.—**Lesné, F.** Coutela, C., & **Levesque, J.** Syndrome de Heerfordt, forme particulière de la maladie de Besnier-Boeck-Schaumann. Bull. Soc. méd. hôp. Paris, 1938, 3. ser., 54: 9-15.—**Lewis, G. E.** Raines, R., & **Stewart, D. S.** Uveo-parotitis. Lancet, Lond., 1936, 2: 1204-6.—**Lindau, A.** Are benign lymphogranuloma (Boeck's sarcoid) and uveoparotid fever of tuberculous origin or not? Acta path. microb. scand., 1938, Suppl. 37, 357-68.—**Margarot, J.** Rimbaud, P., & **Ravoire, J.** Lupus pernio et iritis plastique ancienne; syndrome d'Heerfordt? Arch. Soc. sc. méd. biol. Montpellier, 1939, 20: 53-8.—**Michelson, H. E.** Uveoparotitis. Wien. med. Wschr., 1937, 87: 898-900. — & **Becker, F. T.** Uveoparotitis: a sarcoid reaction. Arch. Derm. Syph., Chic., 1939, 39: 329-44.—**Mohn, A.** Ein Fall von Febris uveoparotidea (Heerfordt) Acta ophth., Kbh., 1933, 11: 397-403.—**Morsier, G. de** & **Franceschetti, R.** La neuro-uvéoparotidite; maladie de Heerfordt avec syndrome hypothalamique. Rev. neur., Par., 1938, 69: 688-92.—**Muirhead, W. M.** Case of uveoparotitis, right and left. Tr. Ophth. Soc. U. K., 1938, 58: 435.—**Mylius, K.** Boeck'sches Sarkoid und Auge. Zschr. Augenhe., 1928, 65: 71-9.—**Nordin, G.** Morbus Schaumann (Lymphogranulomatosis benigna) mit Erythrodermie-Plaques und Iridocyclitis als vorherrschende klinische Symptome. Acta derm. vener., Stockh., 1937, 18: 245-54.—**Otonello, P.**

Dell'uveoparotite o sindrome di Heerfordt. Athena, Roma, 1940, 9: 129-32. — Contributo alla conoscenza dei quadri neurologici dell'uveoparotite. Riv. otoneur., 1940, 17: 59. — **Palacio, C. A., & Vernengo, A. R.** Complicaciones oculares de la fiebre urliana, 2 casos; coroiditis tuberculosa, tratada con antígeno metilico. Rev. san. mil., B. Air., 1939, 38: 1035-9. — **Palin, A.** Heerfordt's uveoparotitis? Proc. R. Soc. M., Lond., 1939-40, 33: Sect. Ophth., 514. — **Pautrier, L. M.** Le syndrome de Heerfordt des ophtalmologistes n'est qu'une forme particulière de la maladie Besnier-Boeck-Schaumann; parotidite, irido-cyclite, paralysie faciale d'origine périphérique, paralysie du récurrent; éruption confluyente de grosses sarcoïdes des bras et des cuisses; érythrodermie sarcoïde des jambes et des plantes des pieds; infiltration micro-nodulaire des 2 pommons. Ann. derm. syph., Par., 1938, 7. ser., 9: 161-97. Also Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1608-20. — Le syndrome de Heerfordt forme spéciale d'une nouvelle grande réticulo-endothéliose; la maladie de Besnier-Boeck-Schaumann. Ann. ocul., Par., 1938, 175: 463. — **Rudd, C.** Uveo-parotid fever. Proc. R. Soc. M., Lond., 1937-38, 31: 944. — **Sandbacka-Holmström, I.** Fall von Schaumanns Krankheit mit Febris uveo-parotidea (Heerfordt). Acta derm. vener., Stockh., 1937, 18: 337-18. — Lymphogranulomatosis benigna Schaumann; febris uveo-parotidea. Ibid., 1939, 20: 583-92. — Schaumann's disease and Heerfordt's subchronic uveoparotid fever. Acta med. scand., 1940, 103: 482-5. — **Schüpbach, A.** Zur Kenntnis der Febris uveoparotidea. Schweiz. med. Wschr., 1936, 66: 1182. — **Seefelder, R.** Ein neuer Fall von Boeckschem Sarkoid mit Beteiligung des Auges. Arch. Augenb., 1931-32, 105: 664-73. — Ein weiterer Beitrag zu den Augenveränderungen bei der Besnier-Boeckschen Krankheit (Lupus pernio Besnier, Boecksches Sarkoid beziehungsweise benignes Miliar-lupoid, benignes Lymphogranulomatoses Schaumann) Ibid., 1936-37, 110: 415-25. — **Snoek, W. T.** [Case report of uveoparotid fever (Heerfordt's syndrome)] Ned. tscr. geneesk., 1937, 81: 1146-9, pl. — **Stengel, A., jr.** Uveoparotitis. Ann. Surg., 1938, 107: 1000-4. — **Tait, C. B. V.** Uveoparotitis. Proc. R. Soc. M., Lond., 1933, 26: 1039. Also Lancet, Lond., 1934, 2. fac. — **Thompson, W. C.** Uveoparotitis. Arch. Int. M., 1937, 59: 646-59. — **Toulant & Morard.** A propos d'un cas d'uvéoparotidite (syndrome d'Heerfordt) Arch. ophth., Par., 1936, 53: 321-45. — **Waldenström, J.** Ueber gutartige, universelle, tuberkuloide Granulome mit besonderer Berücksichtigung der Uveoparotitis. Zbl. ges. Tuberkforsch., 1936, 45: 249-65. — Some observations on uveoparotitis and allied conditions with special reference to the symptoms from the nervous system. Acta med. scand., 1937, 91: 52-68. — [Uveoparotitis; a peculiar form of tuberculosis] Hygiea, Stockh., 1937, 99: 597-600. — **Walsh, F. B.** Ocular importance of sarcoid; its relation to uveoparotid fever. Arch. Ophth., Chic., 1939, 21: 421-38. — **Weskamp, C., & Adrogue, E.** Uveo-parotiditis subcrónica, Heerfordt. Prensa méd. argent., 1937, 24: 1317-20. Also Arq. Clin. oft., Porto Alegre, 1938, 5: 212-5.

OSSEOUS.

KERBOEUF, F. *Contribution à l'étude de la maladie de Besnier-Boeck (lésions osseuses) [Lyon] 66p. 8°. Bourg, 1936.

PRUDENT, P. *La forme osseuse primitive de la sarcoïdose idiopathique ou maladie de Besnier-Boeck-Darier-Schaumann. 81p. 24cm. Par., 1939.

Caraven, Moulouget & Laffitte. Les lésions osseuses, ganglionnaires et cutanées de la maladie de Besnier-Boeck; la polydactylie de Jüngling. Mém. Acad. chir., Par., 1937, 63: 1085-93. — **Casati, A.** Osservazioni radiologiche sopra le alterazioni delle ossa nel lupus pernio. Radiol. med., Milano, 1929, 16: 468-74. — **Kobayashi, E.** Fall von Lupus pernio mit Knochenveränderungen. Jap. J. Derm. Urol., 1931, 31: 164. — **Lortat-Jacob & Legrain.** Un cas de lupus pernio avec adénopathies et lésions osseuses. Bull. Soc. fr. derm. syph., 1927, 34: 203-6. — **Lucia, S. P., & Aggeler, P. M.** Sarcoidosis (Boeck), lymphogranulomatosis benigna (Schaumann) observations on the bone marrow obtained by sternal puncture. Acta med. scand., 1940, 104: 351-65. — **MacDonald, W. J.** Boeck's sarcoid with lesions of the bones and lungs. Arch. Derm. Syph., Chic., 1936, 34: 288-91. — **Mayr, J. K.** Zur Kasuistik des Lupus pernio mit Knochenveränderungen. Arch. Derm. Syph., Berl., 1928, 155: 248-53. — **Naegeli.** Sur les altérations osseuses dans la maladie de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1934, 41: 1218-28. — **Nicolas, J., & Rousset, J.** Nouveau cas de maladie de Besnier-Boeck; radiographies osseuses et pulmonaires. Ibid., 1937, 44: 184-8. — **Nielsen, J.** Recherches radiologiques sur les lésions des os et des pommons dans les sarcoïdes de Boeck. Ibid., 1934, 41: 1187-218. — **Schaumann, J.** Notes on the histology of the medullary and osseous lesions in benign lymphogranuloma and especially on their relationship to the radiographic picture. Acta radiol., Stockh., 1926, 7: 358-64, 3 pl. — **Weissenbach, R. J., & Kaplan, M.** Un cas de maladie de Besnier-Boeck à forme ostéo-ganglionnaire; recherches concernant son étiologie. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 1036-43. — **Weissenbach, R. J., Lehmann, P.** [et al.] Forme ostéo-ganglionnaire de la maladie de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1935, 42: 253-70.

Pathology.

SCHREIBER, H. *Sarkoid Boeck bei Organtuberkulose und sarkoide Umwandlung eines Lupus vulgaris mit Bemerkungen über die spezifische Anergie [Breslau] p.365-74. 8°. Berl., 1931.

Also Arch. Derm. Syph., Berl., 1931, 164:

Berg, S., & Bergstrand, H. Beitrag zur Klinik und Pathologie der benignen Lymphogranulomatose. Beitr. Klin. Tuberk., 1937, 90: 536-56. — **Bonnevie, P.** [Spread of subacute, benign lymphogranulomatosis in lupus follicularis s. miliaris disseminatus] Ugeskr. læger, 1938, 100: 677-9. — **Burger, G. C. E., & Kütke, C. H. J.** [Data on intrathoracic localization of benign lymphogranuloma (Schaumann, Besnier-Boeck disease)] Gencesk. bl., 1939-40, 37: 1-37, 4 pl. — **Caeiro Carrasco, M.** Un cas de lymphogranulomatose bénigne de Schaumann au Portugal; sarcoïdes dermiques, osseuses, lésions pulmonaires ulcéreuses. Med. contemp., Lisb., 1938, 56: 381-90. — **Capuani, G.** La malattia di Besnier, Boeck e Schaumann; contributo clinico-anatomopatologico e batteriologico. Clin. med. ital., 1940, 71: 99-118. — **Crosti, A.** Osservazioni sui sarcoïdi dermici (sindrome di Besnier-Boeck) e su alcune manifestazioni reticulo-endoteliali della pelle. Gior. ital. derm. sif., 1933, 76: 975-98, 3 pl. — **Danbolt, N., & Hval, E.** Le sarcoïde (lupoid) de Boeck; examen ultérieur d'un des anciens clients du professeur Boeck, avec trouvailles optiques (mort de cancer après 29 ans) Acta derm. vener., Stockh., 1936, 17: 477-93. — **Dressler, M.** Ueber einen Fall von Splenomegalie, durch Sternalpunktion als Boecksche Krankheit verifiziert. Klin. Wschr., 1938, 17: 1467-71. — **Folpmers, J. A.** Ueber die Kombination von Lupus pernio und Sarkoid Boeck zum gemeinsamen Krankheitsbilde des Morbus Besnier-Boeck-Schaumann. Derm. Zschr., 1937, 75: 83-92. — **Gravesen, P. B.** Some cases illustrating the benign lymphogranulomatosis as an internal disease. Acta med. scand., 1940, 103: 436-61. — **Grillo, V.** Riproduzione delle lesioni istologiche della malattia di Besnier-Boeck-Schaumann in gangli linfatici di cavie inoculate in peritoneo con spappolato di tessuto sarcoïde. Arch. ital. med. sif., 1939, 4: 513-22. — **Grzhebin, Z. N.** [The question of identity of Boeck's and Darrier-Roussy's sarcoids, Bazin's erythema induratum and lupus pernio] Sovet. vest. vener., 1934, 3: 687-90. Also Urol. Cut. Rev., 1935, 39: 477-87. — **Hamperl, H.** Zur Histologie der Boeckschen Krankheit. Med. Wdt., 1940, 14: 702. — **Harrell, G. T., & Fisher, S.** Blood chemical changes in Boeck's sarcoid with particular reference to protein, calcium and phosphatase values. J. Clin. Invest., 1939, 18: 687-93. — **Hoehenleitter, G.** Lungenveränderungen bei der Schaumannschen Krankheit; Lymphogranulomatosis benigna. Acta med. scand., 1940, 103: 154-60. — **Kowalczykova, J., & Hirsch, L.** [Study of Besnier-Boeck's disease (Schaumann's benign lymphogranulomatosis)] Przegl. derm., Warsz., 1938, 33: 275-92. — **Leidi, F.** Contributo allo studio dei sarcoïdi cutanei di Boeck. Gior. ital. derm. sif., 1928, 69: 875-85, pl. — **Nickerson, D. A.** Boeck's sarcoid; report of 6 cases in which autopsies were made. Arch. Path., Chic., 1937, 24: 19-29. — **Pasini, A.** Linfo-granulomatose benigna de Schaumann, molestia geral tuberculoid; mal de Besnier, Boeck e Schaumann. Resenha clin. cient., S. Paulo, 1940, 9: 167-71. — **Pautrier, L. M.** La lupoidé miliaire des auteurs français doit être détachée du groupe des sarcoïdes dermiques et rattachée franchement à la tuberculose cutanée. Bull. Soc. fr. derm. syph., 1934, 41: 1027-54. — A propos du critérium histologique des tuberculides, et en particulier à propos de la sarcoïde de Boeck-Darier. Ibid., 1938, 45: 1589-602. — **Ullmo, A.** Sarcoïdes dermiques disséminés de la face et des bras; lymphogranulomatose bénigne de Joergen Schaumann; lésions ganglionnaires et lésions pulmonaires. Ibid., 1934, 41: 621-5. — **Radaeli, F.** Contributo alla conoscenza del sarcoïde di Boeck. Gior. ital. derm. sif., 1927, 68: 366-73. — **Sannicandro, G.** Atrophies maculeuses sui generis consécutive à des sarcoïdes tuberculeux de Boeck. Ann. derm. syph., Par., 1933, 7. ser., 4: 515-25. — **Schaumann, J.** Etude anatomo-pathologique et histologique sur les localisations viscérales de la lymphogranulomatose bénigne. Bull. Soc. fr. derm. syph., 1933, 40: 1167-78. — Case of benign lymphogranuloma with marked changes in the lungs. Hygiea, Stockh., 1933, 95: 634. — Lymphogranulomatosis benigna in the light of prolonged clinical observations and autopsy findings. Brit. J. Derm. Syph., 1936, 48: 399-446, 13 pl. — **Spencer, J., & Warren, S.** Boeck's sarcoid; report of a case, with clinical diagnosis confirmed at autopsy. Arch. Int. M., 1938, 62: 285-96. — **Stein, A. A.** Zum benignen Miliarlupoid Boeck. Acta derm. vener., Stockh., 1934, 15: 386-97. — **Verdelet, L.** Deux cas de lymphogranulomatose bénigne de l'aine chez la femme. J. méd. Bordeaux, 1936, 113: 843. — Deux cas de lymphogranulomatose bénigne de l'aine chez des sujets de race exotique. Ibid., 1937, 114: 529. — **Weber, F. P.** Schaumann and the study of lymphogranulomatosis benigna in England; a medical reflection. Acta derm. vener., Stockh., 1940, 21: 406. — **Wiseman, R. H.** Multiple benign sarcoid and tuberculous ulceration. Brit. M. J., 1938, 1: 673.

pulmonary.

HOEHNLEITTER, G. *Lungenveränderungen bei der Schaumannschen Krankheit, Lympho-

granulomatosis benigna [Berlin] 23p. 23cm. Charlottenb., 1938.

MOREL, V. N. G. *Contribution à l'étude des manifestations pulmonaires de la maladie de Besnier-Boeck. 85p. 24cm. Par., 1938.

PARROT, R. *La forme ganglio-pulmonaire pure de la maladie de Besnier-Boeck-Schaumann. 78p. 24½cm. Par., 1939.

Boström, G. Régression des changements pulmonaires dans la lymphogranulomatose bénigne à la suite d'un érythème noueux. Acta derm. vener., Stockh., 1940, 21: 38-45.—Funk, C. F. Boecksches Sarkoid; Lupus pernio und Lungenbeteiligung. Arch. Derm. Syph., Berl., 1932-33, 167: 560-77.—Lamy, M., Mignon, M., & Polacco, J. Syndrome de Heerfordt; images radiologiques d'infiltration micronodulaire des poumons. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1621-31.—Magnusson, W. On the Roentgen picture of the lungs and mediastinum in lymphogranulomatosis benigna. Acta med. scand., 1940, 103: 511-25.—Pautrier, L. M. Maladie de Besnier-Boeck-Schaumann à forme uniquement pulmonaire et ganglionnaire sans manifestations cutanées. Ann. derm. syph., Par., 1938, 7. ser., 9: 5-13.—Jacob & Weber. Maladie de Besnier-Boeck-Schaumann à forme uniquement pulmonaire et ganglionnaire sans manifestations cutanées. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1600-8.—Rist, E., Blanchy, M., & Tschila, J. Etude clinique et bactériologique d'un cas de maladie de Besnier-Boeck à déterminations pulmonaires. Ann. méd., Par., 1937, 41: 169-82, pl.—Saacke, M. Ein Beitrag zur Frage der Lungenveränderungen beim Boeckschen Sarkoid. Med. Welt, 1936, 10: 124.—Smith, M. S. Unusual lung infiltrations probably due to lymphogranulomatosis metastrophulosa (Schaumann). Acta med. scand., 1940, 103: 161-4.—Troisier, J., Bariatier, M. [et al.] Maladie de Besnier-Boeck-Schaumann à précision pulmonaire; apparition ultérieure de déterminations oculaires, cutanées et ganglionnaires. Bull. Soc. méd. hôp. Paris, 1938, 3. ser., 54: 111-7.

Treatment.

Barber, H. W. Two cases of Boeck's sarcoid (benign lymphogranuloma of Schaumann) treated by intramuscular injections of sodium morrhuate. Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Derm., 39-41.—Barmwater, K. [Treatment of Boeck's sarcoid of the mucous membrane] Ugeskr. laeger, 1937, 99: 1255-7. Also Hals & c. Arzt, 1. T. 1938, 29: 234-9.—Bonnievie, P., & With, T. K. Ein Fall von Sarkoid Boeck (Lymphogranulomatosis benigna) zur Heilung gekommen unter Entwicklung einer aktiven multiplen Tuberkulose und unter Aenderung der Tuberkulinreaktivität. Arch. Derm. Syph., Berl., 1937, 175: 407-11.—Gaté, J., Michel, P. J. [et al.] Lupoides miliaires disséminées du visage à type lymphodermique; insuccès du traitement antisyphilitique; présentation de la maladie. Bull. Soc. fr. derm. syph., 1936, 43: 907.—Hedén, K. The treatment of Schaumann's disease with intravenous injections of a lipid-containing substance extracted from tubercle bacilli, possessing the properties of tuberculin; a report of 2 cases. Acta med. scand., 1940, 104: 386-95.—Hudelo, Montlaur & Leforestier. Lymphogranulomatose de Schaumann; 11 mois de traitement cacodylique intensif; résultats. Bull. Soc. fr. derm. syph., 1926, 33: 95.—Lomholt, S. Douze cas de sarcoïdes de Boeck traités à l'antileprol. Ibid., 1934, 41: 1354-62. Also Hospitalstidende, 1934, 77: 187-209. Also Derm. Zschr., 1934, 70: 57-75. [Anti-leprous treatment in Boeck's sarcoid, lupus vulgaris, lymphoma colli, otitis tub. metacarp, granuloma annulare with demonstration of 11 patients.] Hospitalstidende, 1934, 77: [Dansk derm. selsk. forh.] 20. — Klinik und Behandlung des Boeckschen Sarkoides. Derm. Wschr., 1937, 105: 894.—Meirowsky, E. Ueber intratumorale Behandlung des Boeckschen Sarkoids mit Thorium X Degea. Ibid., 1927, 85: 1239-42.—Nielsen, J. [Observations on changes in Boeck's sarcoid caused by Roentgen treatment.] Hospitalstidende, 1934, 77: [Dansk. radiol. selsk. forh.] 11-7.—Voss, F. Abheilung eines Boeckschen Sarkoids durch Kandemilicht. Strahlentherapie, 1938, 63: 86-8.—Wiess, A. Ueber einen Fall von benignem Miliarlupoid (Boeck) und dessen günstige Beeinflussung durch spezifische Behandlung. Wien. med. Wschr., 1918, 68: 552-5.

Type.

BESCOND, J. *Contribution à l'étude du lymphogranulome bénin de J. Schaumann (Lupus pernio vrai) 48p. 8° Par., 1928.

CAUSSE, E. *Sur une variété riziforme de lupoidé miliaire. 81p. 8° Toulouse, 1908.

FORSTER, J. *Kasuistischer Beitrag zum Sarkoid Boeck (Miliarlupoid Boeck) [Erlangen] 27p. 8°. Burghausen, 1928.

SNETHLAGE, A. *Een geval van lupus pernio [Amsterdam] 58p. 8° Middelburg, 1930.

Aravantinos, A. Ueber primäre akute Ano-Rectitis lymphogranulomatosa benigna. Zschr. klin. Med., 1935, 128: 761.—Barber, H. W. Miliary lupoid. Proc. R. Soc. M., Lond., 1937-38, 31: 881.—Barmwater, K. Ueber Boecks Sarkoid

auf den Schleimhäuten. Hals & c. Arzt, Teil 1, 1936, 27: 259-64.—Bernhardt, R., & Zalewski, J. Zur Kenntnis der erythromatischen Form der Boeckschen Krankheit. Arch. Derm. Syph., Berl., 1934, 170: 226-31.—Bernstein, M., Konzelmann, F. W., & Sidick, D. M. Boeck's sarcoid; report of a case with visceral involvement. Arch. Int. M., 1929, 44: 721-34. Also repr.—Boeck, S. Fall von benignem Miliarlupoid. Verh. Kongr. nord. derm. (1916) 1917, 3. Kongr., 31.—Bory, L. Lymphogranulomatose bénigne (type Jorg. Schaumann) (néo-scrofula) Bull. Soc. fr. derm. syph., 1934, 41: 947-9.—Bukovsky, J. Benigni miliarium lupoid sarcoid (Boeck) Cas. lék. česk., 1910, 49: 1427; 1473; 1499, 2 pl.—Burnier & Rejsek. Un cas de sarcoïde lupoidé tubéreuse. Bull. Soc. fr. derm. syph., 1926, 33: 355.—Bussalai. Sarcoïde anulaire centrifuge atrofizante. Gior. ital. derm. sif., 1935, 76: Suppl., 189-91, 2 pl.—Cedercreutz. Tumores sarcoïdei (Boeck) apicis nasi et buccae sinistrae. Acta derm. vener., Stockh., 1937, 18: 240.—Chatellier, L. Sarco-lupus pernio mutilant et mortel. Ann. derm. syph., Par., 1929, 6. ser., 10: 1213-30.—Chevalier, P., & Ely, Z. Les formules sanguines du lupus pernio, de l'érythème induré de Bazin et des sarcoïdes. Bull. Soc. fr. derm. syph., 1934, 41: 1228-33.—Dowling, G. B. Benign lymphogranuloma—miliary lupoid. Proc. R. Soc. M., Lond., 1933, 27: Sect. Derm., 141.—Fernández Criado, M., & Martínez Higuera, J. Un caso de lupus pernio. An. Hosp. S. José, Madr., 1930-31, 2: 308-12.—Forman, L. Lupus pernio. Proc. R. Soc. M., Lond., 1933, 26: Sect. Derm. 1303.—Grouped miliary sarcoid of Boeck. Ibid., 1938-39, 32: Sect. Derm., 559. Also Brit. J. Derm. Syph., 1939, 51: 225.—Gadrat & Marqués. Les lésions radiologiques dans la maladie de Besnier-Boeck (lupus pernio) Bull. Soc. radiol. méd. France, 1936, 24: 585.—Goldbloom, A. A. A clinical discussion of adenopathy; Boeck's sarcoid: an infiltrative type. Bull. N. York M. Coll., 1940, 3: 280-4.—Gougerot, H. Diversité de los lupus pernio; classification, diagnóstico, tratamiento. Dia. méd., B. Air., Ed. espec., 1939, 167-70.—Laroche, G., & Burnier, R. Lupus pernio, maladie de Schaumann. Bull. Soc. fr. derm. syph., 1939, 46: 1455.—Gougerot, H., & Lortat-Jacob, E. Lupus pernio des mains avec grains lupiques verruqueux. Ibid., 1935, 42: 434-6.—Halter. Miliars Boecksches Sarkoid. Zbl. Haut Geschkr., 1938, 58: 245.—Hellerström. Histologisch verifizierte forme érythrodermique von Lymphogranuloma benignum. Acta derm. vener., Stockh., 1935, 16: 120.—Hoffmann. [Lupus pernio] Ned. tschr. geneesk., 1937, 81: 738.—Hudelo, L., & Rabut, R. Le sarcoïde pernio. Bull. Soc. fr. derm. syph., 1934, 41: 1109-12.—Jastrzebska. Miliarlupoid faciei. Przegl. derm., Warsz., 1937, 32: 429.—Javorovskaja, A. D. Lupus pernio. Urol. Cut. Rev., 1937, 41: 108.—Jonquieres, E. J. Sarcoïdes de Boeck, lupoides. Rev. As. méd. argent., 1940, 54: 669-71.—Kissmeyer, A. La forme lichénoides des sarcoïdes de Boeck. Ann. derm. syph., Par., 1930, 7. ser., 1: 1006-13.—Kohl, H. Beitrag zum Krankheitsbild des Lupus pernio. Mschr. Kinderh., 1939, 79: 191-5.—Kyrle. [Herde von Boeckschem Lupoid] Arch. Derm. Syph., Berl., 1918-19, 125: Ref., 169.—Lomholt, S. [Case of Boeck's sarcoid with peculiar ring-forming lesions on the face] Hospitalstidende, 1936, 79: [Dansk derm. selsk. forh.] 4. Also Arch. Derm. Syph., Berl., 1936, 174: 132-9.—Maschkilleisson, L. N., & Jakubson, A. K. Zur Klinik des Boeckschen Sarkoids; ein Fall von diffus infiltrierender, teilweise erythrodermatischer Form. Derm. Wschr., 1934, 98: 718-21.—Mendes da Costa, S. Over lupoiden. Ned. tschr. geneesk., 1915, 2: 2072-6.—Morse, J. L. Lichenoid sarcoid (Boeck) report of a case with review of the literature. N. York State J. M., 1933, 33: 685-90.—Nicolas, J., Gaté, J. [et al.] Lésions de la base du nez et des mains à type de lupus pernio; sarcoïdes noueuses disséminées sclérodermiformes. Bull. Soc. fr. derm. syph., 1932, 39: 489-95.—Nicolas, J., Roussel, J., & Colas, J. Lupoides miliaires du visage. Ibid., 1936, 43: 918-21.—Nobl, G. Kutaner grossknotiger Sarkoid Boeck. Münch. med. Wschr., 1917, 64: 920.—Fall von Sarkoid Boeck der Tumorform. Wien. klin. Wschr., 1917, 30: 1215. Also Arch. Derm. Syph., Berl., 1918-19, 125: Ref., 52. — Zur Kenntnis des Lupus pernio (Besnier-Tennesson) Med. Klin., Berl., 1932, 28: 505-7.—Pautrier, L. M. Cinq cas de maladie de Besnier-Boeck, lymphogranulomatose bénigne de Jorgen-Schaumann (sarcoïdes dermiques disséminées à gros nodules avec lésions ganglionnaires et pulmonaires) Bull. Soc. fr. derm. syph., 1934, 41: 1054-102.—Cas extraordinaire d'érythème annulaire centrifuge à histologie de sarcoïde dermique, chez un malade faisant ultérieurement une tumeur du médiastin avec adénopathies généralisées. Ibid., 1252-66. — Les lésions érythrodermiques pures de la maladie de Besnier-Boeck-Schaumann; lésion à type de lupus pernio de la face; lésions érythrodermiques pures des membres inférieurs et des fesses; lésions pulmonaires et osseuses. Ann. derm. syph., Par., 1936, 7. ser., 6: 433-64.—Pompen, A. W. M. [Visceral localisation of Besnier-Boeck's disease] Ned. tschr. geneesk., 1936, 80: 4671-3.—Preiss, F. Zur Klinik der grossknotigen Form des Boeckschen Miliarlupoids, insbesondere zur Frage ihrer Abgrenzung vom Angiolupoid (Brocq-Pautrier) Derm. Wschr., 1928, 86: 9-20.—Rabut. Lupus pernio. Bull. Soc. fr. derm. syph., 1928, 35: 448-50.—Radaceli, G. Contributo allo studio dei sarcoïdi cutanei; un caso di lupus pernio di Besnier-Tennesson. Gior. ital. derm. sif., 1935, 76: 999-1027, pl.—Sopra un caso di lupus pernio. Boll. Sez. reg. Soc. ital. derm., 1936, 14: 105-7.—Rattner, H., & Ginsberg, J. E. Sarcoid of Boeck and hypertrophic scarring (keloid) Arch. Derm.

Syph., Chic., 1937, 36: 921.—**Sarcoid** (angiolupoid type) (case) *Ibid.*, 1939, 40: 122.—**Seifert**, Ueber benignes Miliarlupoid (Typus Boeck) der oberen Luftwege. *Zschr. Hals & Heilk.*, 1939, 46: 69-73. [Discussion] 107-17.—**Sézary**, A., **Horowitz**, A., & **Maschas**, H. Maladie de Besnier-Boeck à éléments papulo-cyanotiques généralisés. *Bull. Soc. fr. derm. syph.*, 1938, 45: 247-50.—**Sniegowski**, [Three cases of lupus pernio] *Przegl. derm.*, Warsz., 1937, 32: 205.—**Sundelin**, F. [Benign miliary lupoids from the view-point of internal medicine] *Sven. läk. tidn.*, 1933, 30: (Sven. fören. inv. med. förh.) 384-91.—**Szandicz**, S. Kasuistischer Beitrag zu den Beziehungen des Lupus pernio, des Angiolupoids und des Lupus tumidus. *Wien. med. Wschr.*, 1936, 86: 718-20.—**Unna**, P., jr. Ein typischer Fall von Boeckscher Krankheit, Sarkoid (Miliarlupoid) Boeck grossknotige und infiltrierende Form. *Derm. Wschr.*, 1912, 55: 1203-18.—**Vigne**, P. Maladie de Besnier-Boeck; lupus pernio de l'oreille. *Marsille méd.*, 1939, 76: pt 2, 315-9.—**Zijl**, van der [Angiolupoid Brocq (miliary lupoid Boeck)] *Ned. tschr. geneesk.*, 1935, 79: 2414.

GRANULOMA fissuratum.

See Paradentoma.

GRANULOMA fungoides.

See also Granuloma; also in 3. ser. *Mycosis fungoides*.

LAPIÈRE, S. Le mycosis fongoïde; granulomes fongoides et sarcomes fongoides. 122p. 8° Par. 1932.

Also Bull. Soc. fr. derm. syph., 1937, 44: 1351-4. Also *Liège méd.*, 1932, 25: 697-715.

MÜLLER [A.] E. *Ueber Mycosis fungoides [Leipzig] 22p. 8° Oschatz, 1930.

STRAUSS, B. *Ueber Mycosis fungoides. 26p. 8° Lpz., 1912.

Bamber, G. Mycosis fungoides. *Proc. R. Soc. M., Lond.*, 1934, 27: 1360.—**Basu**, P. N., **Menon**, T. B., & **Pandalai**, K. G. Mycosis fungoides. *Brit. J. Derm.*, 1929, 41: 50-4. 2 pl.—**Benevente**, Mycosis fungoides. *Med. iber.*, 1934, 28: 102.—**Bennek**, Mycosis fungoides. *Zbl. Haut Geschlkr.*, 1938, 60: 378.—**Bonnet** & **Goyet**, Mycosis fongoïde. *Lyon méd.*, 1910, 42: 809.—**Brain**, R. T., & **Muende**, I. Mycosis fungoides. *Proc. R. Soc. M., Lond.*, 1934-35, 28: 505.—**Bushnell**, F. G., & **Williams**, A. W. Mycosis fungoides [Abstr.] *J. Path. Bact., Camb.*, 1907-8, 12: 135.—**Carol**, W. L. L. [Mycosis fungoides] *Geneesk. tschr. Ned. Indië*, 1936, 76: 2314-34. 2 pl.—**Castelló**, V. P. Mycosis fungoides. *Arch. Soc. estud. clín. Habana*, 1916, 23: 116-21. 3 pl.—**Chambers**, S. O., **Anderson**, S. C., & **Rosenberg**, M. N. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1938, 37: 904.—**Chiale**, G. F. Micosis fungoides. *Gior. ital. derm. sif.*, 1935, 76: Suppl. 145-9. 2 pl.—**Cole**, C. M. Mycosis fungoides. *Northwest M.*, 1913, n. ser., 5: 350.—**Cornell**, V. H. Mycosis fungoides. *Collect. Papers N. York Homeop. M. College*, 1935, 1: 88.—**Dore**, S. E. Mycosis fungoides. *Proc. R. Soc. M., Lond.*, 1927-28, 21: Sect. Derm., 78.—**Dottridge**, F. S. Mycosis fungoides. *Ibid.*, 1936-37, 30: 191.—**Dowling**, G. B., & **Freudenthal**, W. Mycosis fungoides. *Ibid.*, 1934-35, 28: 1525.—**Ebert**, M. H. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1940, 41: 583.—**Beeson**, B. B. Mycosis fungoides. *Ibid.*, 1936, 33: 588-90.—**Emanuel**, S. [Mycosis fungoides] *Hospitalstidende*, 1934, 77: [Dansk dermat. selsk. forh.] 24.—**Engeler**, J. E., & **Freeman**, H. E. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1941, 43: 204.—**Genger**, V. [Mycosis fungoides] *Hospitalstidende*, 1934, 77: [Dansk dermat. selsk. forh.] 48.—**Grynfeldt**, E., **Margarot**, J., & **Plagniol**, A. Mycosis fongoïde. *Arch. Soc. sc. méd. biol. Montpellier*, 1932, 13: 309-13.—**Guy**, W. H., & **Amshel**, F. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1939, 40: 660.—**Hansen**, P. [Mycosis fungoides] *Nord. med.*, 1940, 6: 689.—**Haxthausen**, H. [Mycosis fungoides] *Hospitalstidende*, 1924, 67: [Dansk dermat. selsk. forh.] 1-3.—**Herxheimer**, K., & **Martin**, H. Mycosis fungoides. In *Handb. Haut. Geschlkr.* (A. & G. Alexander) Berl., 1929, 8: Teil 1, 174-270.—**Hoffmann**, E. Mycosis fungoides. *Deut. med. Wschr.*, 1911, 37: 2057.—**Howles**, J. K., & **Connell**, J. Mycosis fungoides. *South. M. J.*, 1937, 30: 792-8.—**Jacobi**, Mykosis fungoides. *Arch. Derm. Syph., Berl.*, 1926, 151: 342.—**Janeway**, Mycosis fungoides. *J. Cut. Dis. incl. Syph.*, 1909, 27: 412.—**Keil**, E. Mycosis fungoides. *Derm. Wschr.*, 1937, 105: 865.—**Kennedy**, A. M. Mycosis fungoides. *J. Path. Bact., Camb.*, 1912-13, 17: 413.—**Klauder**, J. V. Granuloma fungoides. *Arch. Derm. Syph., Chic.*, 1935, 32: 535.—**Koch**, Mycosis fungoides. *Derm. Wschr.*, 1938, 107: 1406.—**Kulchar**, G. V. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1939, 39: 1057.—**Kveim**, A. [Mycosis fungoides] *Norsk mag. laegevid.*, 1938, 99: 1140.—**Lane**, C. G. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1940, 41: 410.—**Lapière**, S. Les granulomes malins fongoides. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1290-7.—**Lapowski**, Mycosis fungoides. *J. Cut. Dis. incl. Syph.*, 1919, 37: 287.—**Lévy-Franckel**, A. Le mycosis fongoïde. *J. méd. Paris*, 1938, 58: 93-5.—**Louste**, **Cailliau** & **Brailion**. Mycosis fongoïde. *Bull. Soc. fr. derm. syph.*,

1937, 40: 702-4.—**Ludy**, J. B. Mycosis fungoides. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1939, 10: 319-25.—**Maderna**, C. Micosis fungoides. *Riforma med.*, 1934, 50: 923-35.—**Mamonov**, V. N., & **Morozov**, N. V. [Mycosis fungoides of Alibert] *Sborn. rabot derm. sif. posv. Pavlova*, 1910, 234-54. pl.—**Mendes da Costa**. Mycosis fungoides. *Ned. tschr. geneesk.*, 1903, 2: 1133.—**Mitchell**, J. H., & **Webster**, J. R. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1940, 41: 582.—**Mycosis fungoides**. *Lancet*, Lond., 1936, 1: 673. Also *Arch. Derm. Syph., Chic.*, 1937, 36: 900; 902.—**Nékám**, L., jr. Mycosis fungoides. *Zbl. Haut Geschlkr.*, 1935-36, 52: 485; 1939-40, 63: 530.—**Netherton**, E. W., & **Curtis**, G. H. Granuloma fungoides. *Arch. Derm. Syph., Chic.*, 1939, 40: 848-50.—**Neuber**, E. Mycosis fungoides. *Derm. Wschr.*, 1938, 107: 1471. Also *Zbl. Haut Geschlkr.*, 1938, 60: 476.—**Noyes**, A. W. F. Mycosis fungoides. *Med. J. Australia*, 1924, 2: Suppl., 525.—**Oppenheim**. Mycosis fungoides. *Wien. klin. Wschr.*, 1912, 25: 1243.—**Oulmann**. Mycosis fungoides. *J. Cut. Dis. incl. Syph.*, 1911, 29: 403.—**Pautrier**, L. M., & **Woringer**, F. Mycosis fongoïde. *Bull. Soc. fr. derm. syph.*, 1933, 40: 168-77. 2 pl.—**Penner**. [Mycosis fungoides] *Przegl. derm.*, Warsz., 1936, 31: 180.—**Petráček**, E. [Mycosis fungoides] *Cesk. derm.*, 1936, 16: 290-2.—**Pines**, C., & **Spiegel**, L. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1939, 40: 856.—**Poulsen**, A. On mycosis fungoides. *Acta derm. vener.*, Stockh., 1940, 21: 365-400. tab.—**Rosen**, I. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1939, 39: 731; 1940, 41: 1182.—**Rothwell**. Mycosis fungoides. *J. Cut. Dis. incl. Syph.*, 1919, 37: 147.—**Rüsing** & **Schulte**. Mycosis fungoides. *Deut. med. Wschr.*, 1922, 48: 555.—**Savatard**, L. Mycosis fungoides. *Brit. J. Derm. Syph.*, 1939, 51: 287.—**Schirner**. Mycosis fungoides. *Derm. Wschr.*, 1939, 108: 399.—**Schwartz**, W. F. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1940, 41: 155-7.—**Semon**, H. C. Mycosis fungoides. *Proc. R. Soc. M., Lond.*, 1920-21, 14: Sect. Derm., 9; 1934, 27: 720.—**Sequeira**, J. H., **Morris**, S. M. [et al.] Discussion on mycosis fungoides. *Ibid.*, 1913-14, 7: Derm. Sect., 190-236.—**Shelley**, A. A. Granuloma fungoides. *Southwest. M.*, 1927, 11: 319-23.—**Sibley**, W. K. Mycosis fungoides. *Proc. R. Soc. M., Lond.*, 1917-18, 11: Sect. Derm., 93.—**Silcock**, F. A. E. Mycosis fungoides. *Ibid.*, 1936-37, 30: 364-6. Also *Brit. J. Derm. Syph.*, 1937, 49: 132-6.—**Snively**, R. D. Mycosis fungoides. *Pennsylvania M. J.*, 1931, 35: 15-7.—**Spieß** ff. [Mykosis fungoides] *Deut. med. Wschr.*, 1907, 33: 448. Also *Korbl. allg. ärztl. Verein. Thüringen*, 1907, 36: 21; 1917, 46: 214. Also *Münch. med. Wschr.*, 1918, 65: 468.—**Thomson**, S. Mycosis fungoides. In *Brit. Encycl. M. Pract.* (Rolleston, H.) Lond., 1938, 9: 51-7.—**Usher**, B. B. Mycosis fungoides. *Arch. Derm. Syph., Chic.*, 1940, 41: 403.—**Verco**, J. C. Mycosis fungoides. *Med. J. Australia*, 1918, 1: 319-24.—**Watrin** & **Weiss**. Mycosis fongoïde. *Bull. Soc. fr. derm. syph.*, 1934, 41: 793.—**White**, C. J. Granuloma fungoides. *Boston M. & S. J.*, 1911, 164: 647.—**Whitehouse**. Mycosis fungoides. *Ibid.*, 1910, 28: 682.—**Whittle**, C. H. Mycosis fungoides (granuloma fungoides) *Proc. R. Soc. M., Lond.*, 1933, 26: Sect. Derm., 1558.—**Wigley**, J. E. M. Mycosis fungoides. *Ibid.*, 1934, 27: 718.—**Wirth**, D. Mykosis fungoides bei einem Hunde. *Mtschr. prakt. Tierh.*, 1919, 30: 166-71.—**Wohl**, M. G. Granuloma fungoides. *Proc. Path. Soc. Philadelphia*, 1915, n. ser., 17: 42.—**Zumbusch**, L. von. Mykosis fungoides. *Prakt. Erg. Haut. Geschlkr.*, 1912, 2: 506-24.

Associated diseases.

Becker, F. T. Mycosis fungoides; lupus erythematosus. *Arch. Derm. Syph., Chic.*, 1941, 43: 432.—**Buhman**, A. [Acro-sarcoma idiopathica hemorrhagica (Kaposi) and mycosis fungoides] *Hospitalstidende*, 1936, 79: [Dansk dermat. selsk. forh.] 34-6.—**Cabot**, R. C., & **Oliver**, E. L. Cutaneous lymphoma (mycosis fungoides) with rheumatic heart trouble. *Boston M. & S. J.*, 1927, 196: 702-5.—**Carol**, W. L. L. [Mycosis fungoides and parapsoriasis] *Ned. tschr. geneesk.*, 1934, 78: 3420-6. 3 pl.—**Chiale**, G. F. Micosis fongoïde e linfosarcoma. *Gior. ital. derm. sif.*, 1938, 79: 343-64. 2 pl.—**Kogoj**. Granuloma fungoides; Lues latens. *Zbl. Haut Geschlkr.*, 1938, 60: 200.—**Lane**, C. G., & **Greenwood**, A. M. Lymphoblastoma (mycosis fungoides) and hemorrhagic sarcoma of Kaposi in the same person. *Arch. Derm. Syph., Chic.*, 1933, 27: 643-57.—**MacCormac**, H. Erysipelas and mycosis fungoides. *Brit. J. Derm. Syph.*, 1933, 45: 237-40.—**Muscattello**, G. Micosis fongoïde e linfosarcoma. *Boll. Soc. med. chir. Pavia*, 1906, 206-17.—**Nienhuis**, J. H. [Sarcoma of skin and granuloma fungoides] *Ned. tschr. geneesk.*, 1926, 70: pt 2, 2644-50. pl. Also *Zschr. Krebsforsch.*, 1926-27, 24: 450-8.—**Thompson**, M. S. Mycosis fungoides with papillomatosis of the areolae. *Proc. R. Soc. M., Lond.*, 1931, 24: 679-82.

Cases.

BARTH, F. *Ueber einen Fall von Mykosis fungoides. 20p. 8° Kiel, 1928.

DECKELMEIER, R. *Ueber Mykosis fungoides mit einem eigenen Fall [Heidelberg] 31p. 22cm. Walldorf (Baden) 1935.

HOHE, H. *Ueber zwei Fälle von Mykosis fungoides. 48p. 22cm. Erlangen, 1935.

LANG, E. *Ein Fall von Mykosis fungoides. 20p. 8°. Würzb., 1909.

ROSENSTOCK, H. *Ueber einen Fall von Mycosis fungoides (klassischer Fall nach Alibert-Bazin) 30p. 8°. Marb.-Lahn, 1931.

SCHICK, C. *Zusammenstellung über Fälle von Mycosis fungoides in den Jahren 1921 mit 1931 [München] 57p. 8°. Borna Lpz., 1932.

WILHELMI, W. E. M. *Ueber einen Fall von Mykosis fungoides. 30p. 8°. Berl., 1914.

Abraham, P. S. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1909-10, 3: Derm. Sect., 39. Also West Lond. M. J., 1910, 15: 140.—Adamson, H. G. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1913-14, 7: Derm. Sect., 22.—Asselbergs. Un cas de mycosis fungoide. Presse méd. belge, 1905, 57: 366-9.—Bell, J. C. Report of a case of granuloma fungoides with a brief resume of the disease. Kentucky M. J., 1927, 25: 283-5.—Bogrov, S. A. [Case of mycosis fungoides] Russ. J. kozhn. vener. bolez., 1909, 17: 169-74.

[Granuloma s. mycosis fungoides] Ibid., 1911, 21: 405-19.

Bolam. A case of granuloma fungoides. Northumberland M. J., 1910, 18: 174.—Bunch, J. L. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1909-10, 3: Clin. Sect., 6-8.—Canelli, A. F. Considerazioni sopra una osservazione di micosi fungoide in una nutrice. Pediatria (Riv.), 1927, 35: 832-41.—Carrera, J. L. Una observación de micosis fungoides. Rev. argent. derm. sif., 1938, 22: 124-32.—Claremont, H. E. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1922-23, 16: Sect. Clin., 34.—Cohn, P. Demonstration eines Falles von Mykosis fungoides. Verh. Deut. derm. Ges. (1906) 1907, 9: 334-6.—Corbett, D. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1913-14, 7: Derm. Sect., 284.—Costa, J. J. da, Vieira, J. J., Filho, & Fialho, A. Sobre um caso de mycosis fungoide. Brasil med., 1930, 44: 171.—Davies, J. H. T. A case of mycosis fungoides. Brit. J. Derm., 1930, 42: 324-6.—Davis, H. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1912-13, 6: Derm. Sect., 126; 1913 14, 7: Derm. Sect., 15.—Dixon, C. W. A case of mycosis fungoides. Med. Press & Circ., Lond., 1938, 197: 288.—Dore, S. E. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1923-24, 17: Sect. Derm., 61. Also Westminster Hosp. Rep., Lond., 1924, 14: 189-93.—Dowling, G. B., & Freudenthal, W. Case of mycosis fungoides. Brit. J. Derm. Syph., 1935, 47: 414.—Dubois-Havenith. Un cas de mycosis fungoide. Presse méd. belge, 1911, 63: 415-7.—Elliott, J. A. Demonstration of a case of mycosis fungoides. Tr. Clin. Soc. Univ. Michigan, 1916-17, 8: 27. Also J. Michigan M. Soc., 1917, 16: 117.—Freund, E. Sopra un caso di micosi fungoide. Arch. ital. derm., 1929-30, 5: 403-25.—Gadrat, J. A propos d'un cas de mycosis fungoide. Bull. Soc. fr. derm. syph., 1939, 46: 364-6.—Garceau, A. A case of mycosis fungoides [Abstr.] Brit. M. J., 1908, 2: 1255-7.—Graham Little, E. G. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1919-20, 13: Sect. Derm., 34.—Griveaud, E. Un cas de mycosis fungoide. Bull. Soc. fr. derm. syph., 1932, 39: 818-22.—Havas, A. [Case of mycosis fungoides (Alibert)] Budap. orvosegy. évk. (1891) 1892, 176.—Heimburger, L. F. Mycosis fungoides; report of a case. China M. J., 1934, 48: 381-4.—Hoffmann, E. Fall von Mycosis fungoides. Sitzber. Natur. Verein. Preuss. Rheinland, 1911-12, B, 19.—Howe, J. S. A case of granuloma fungoides. J. Cut. Dis. incl. Syph., 1906, 24: 483.—Jacobi. Fall von Mykosis fungoides d'embliée. Verh. Deut. derm. Ges., 1908, 10: 129, 286.—Jambon, A., & Reiaud, L. Un cas de mycosis fungoide. Ann. derm. syph., Par., 1909, 4. ser., 10: 183-6.—Jeanselmie & Burnier. A propos d'un cas de mycosis fungoide. Bull. Soc. fr. derm. syph., 1926, 33: 335-7.—Jema. [A case of mycosis fungoides] Hifubyog. kiu hiniokuyog. zasshi, 1903, 3: 366-9.—Kreibich, K. [Ein Fall von Mycosis fungoides] Verh. Ges. deut. Naturforsch. (1902) 1903, 2. Hefte, 466.—Kudish, V. M., & Lurye, A. G. [Granuloma fungoides Auspitz s. mycosis fungoides Alibert] Russ. J. kozhn. vener. bolez., 1911, 22: 137-42.—Lapowski. Mycosis fungoides (2 cases) Arch. Derm. Syph., Chic., 1922, n. ser., 6: 92.—Leeuwen, T. M. van [A case of mycosis fungoides] Ned. tsschr. geneesk., 1922, 66: pt 2, 646.—Little, E. G. G. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1919, 12: Derm. Sect., 24; 1920, 13: Sect. Derm., 91.—Lomholt, S. [Case of mycosis fungoides] Hospitalstidende, 1935, 78: [Dansk derm. selsk. forh.] 34.—Lommen, A. [A case of mycosis fungoides] Ned. tsschr. Geneesk., 1925, 69: pt 2, 2747.—Lortat-Jacob & Bourgeois, P. Un cas de mycosis fungoide. Bull. Soc. fr. derm. syph., 1926, 33: 471-4.—Louste, Cailliau & Ducourtieux. A propos d'un cas de mycosis fungoide. Ibid. 182-5.—MacCormac, H. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1922-23, 16: Sect. Derm., 106.—MacKee. Report of a case of mycosis fungoides with demonstration of photographs. J. Cut. Dis. incl. Syph., 1919, 37: 253.—Montobbio, P. Su di un caso di micosi fungoide. Gazz. med. ital., 1908, 59: 471; 481.—Morelle, A. Un cas de mycosis fungoide. Rev. méd., Louvain, 1921, 54-60, 2 pl.—Müller, R. [Fall von Mycosis fungoides] Wien. klin. Wschr., 1906, 19: 1533.—Neumark [Seven cases of mycosis fungoides] Przgl. derm., Warsz., 1937, 32: 505.—O'Donovan, W. J. Cases of mycosis fungoides. Proc. R. Soc. M., Lond., 1919-20, 13: Sect. Derm., 138.—Oksenov, S. S. [Case of mycosis fungoides] Russ. J. kozhn. vener. bolez., 1911, 21: 420-4.—Perera, A. Curioso

caso de micosis fungoidea. Progr. clín., Madr., 1916, 8: 64, 2 pl.—Pernet, G. Drawing and photograph of a case of mycosis fungoides d'embliée. Proc. R. Soc. M., Lond., 1911 12, 5: Derm. Sect., 207.—Petráček, E. [Mycosis fungoides, demonstration of 3 patients] Cesk. derm., 1936, 16: 292.—Peyri, J. Quelques commentaires à notre casuistique de mycosis fungoides. Ann. derm. syph., Par., 1935, 7. ser., 6: 481-95.—Peyrot. Un cas de mycosis fungoide. Loire méd., 1925, 39: 124-8.—Plotkin, M. M., & Rossianskaya, M. L. [Two cases of fungoid mycosis] Vener. derm., Moskva, 1930, 7: 19-25.—Pringle, J. J. Case of mycosis fungoides. Proc. R. Soc. M., Lond., 1912-13, 6: Derm. Sect., 188; 1913-14, 7: Sect. Derm., 25; 107. Case of mycosis fungoides in a woman. Ibid., 1915-16, 9: Derm. Sect., 147-50.—Kinsema, P. G. [Case of mycosis fungoides] Ned. tsschr. geneesk., 1920, 73: 3322-4.—Roman, B. Two cases of mycosis fungoides. J. Cut. Dis. incl. Syph., 1910, 28: 506-22.—Romero, J. M. Nota acerca de un caso de micosis fungoide. Arch. med., Madr., 1932, 35: 63-75.—Sandbacka-Holmström, I. [Case of mycosis fungoides] Nord. med., 1939, 1: 627.—Scholte, A. J. Ein Fall von Mycosis fungoides. Acta derm. vener., Stockh., 1923, 4: 48-52.—Sederhohn. Ett fall af mykosis fungoides. Hygiea, Stockh., 1907, 2. F., 165.—Semon, H. C. A case of granuloma fungoides (tumeurs d'embliée type) Brit. J. Derm., 1926, 38: 185-90, 2 pl.—Serebrenikov, M. [Fungiform granuloma] Russ. J. kozhn. vener. bolez., 1912, 23: 141.—Spillmann, L., Watrin, J., & Drouet. A propos d'un cas de mycosis fungoide. Bull. Soc. fr. derm. syph., 1924, 31: 28-30.—Stefani. Sur un cas de mycosis fungoide. Lyon chir., 1923, 20: 606-9.—Stern, S. A case of mycosis fungoides. Tr. Internat. Derm. Congr. (1907) 1908, 6. Congr., 1: 160.—Stooke, G. F., & Graham, A. Case of mycosis fungoides. China M. Miss. J., 1904, 18: 123, pl.—Tas, J. [Case of mycosis fungoides] Ned. tsschr. geneesk., 1939, 83: 4479.—Villard. Une observation de mycosis fungoide. Lyon méd., 1912, 119: 514-7.—Werther. Zwei Fälle von Mykosis fungoides. Münch. med. Wschr., 1906, 53: 1546-8. Also Jahrb. Ges. Natur. Heilk. Dresden (1905-6) 1907, 121-6.—White, C. J. A case of mycosis fungoides. J. Cut. Dis. incl. Syph., 1908, 26: 272.—Wilén, N. E. [Nine cases of mycosis fungoides] Fin. läk. säll. hand., 1933, 75: 1144-57.

Clinical course, and type.

BENNEK, H. *Die Verlaufsweise der Mycosis fungoides vor und nach Einführung der Röntgenstrahlentherapie nebst besonderer Berücksichtigung der Mycosis fungoides innerer Organe. 75p. 8°. Bresl., 1937.

LEITNER, J. *Contribution à l'étude clinique du mycosis fungoide à type interverti. 40p. 8°. Par., 1935.

Berggreen, P. Verlaufsweisen der Mycosis fungoides (unter besonderer Berücksichtigung der Atypien) Arch. Derm. Syph., Berl., 1938-39, 178: 501-49.—Blum, P., & Lanos. Mycosis fungoide zoniforme. Bull. Soc. fr. derm. syph., 1935, 42: 603-6.—Bussalai, L. Alcosi fungoide a tumori d'embliée. Gior. ital. derm. sif., 1931, 72: Suppl., 220-3, pl.—Carrera, J. L., & Braceras, A. Observación de micosis fungoide, del tipo Alibert-Bazin. Prensa méd. argent., 1940, 27: 840-3.—Chable. Mycosis fungoide à tumeurs d'embliée. Schweiz. med. Wschr., 1926, 56: 397.—Cornil, L., Vigne, P., & Mosinger, M. Sur un type de granulome fungoide ulcéraire subaigu avec réticulo-endothéliose cutanée ganglionnaire, splénique, hépatique et présence d'hyalinisation réticulaire. Bull. Soc. fr. derm. syph., 1937, 44: 1394-407.—Cottini, G. Ulteriore contributo allo studio di un caso di micosi fungoide à tumeurs d'embliée. Boll. Soc. med. chir., Pavia, 1934, 48: 793-815, pl.—Danel, L. Mycosis fungoide localisé serpiginieux. J. se. méd. Lille, 1923, 41: pt 2, 399-401.—Delbet, P. Mycose cervico-thoracique. Clinique, Par., 1911, 6: 533.—Eichler & Rottmann. Ungeöhnlicher Befund bei Mycosis fungoides (mit Demonstrationen) Arch. Derm. Syph., Berl., 1928, 155: 279.—Eller, J. J., & Rein, C. R. Mycosis fungoides, à tumeur d'embliée solitaire; report of a case. Arch. Derm. Syph., Chic., 1933, 27: 807-11. Also repr.—Eschweiler, H. Seltene Erkrankung der Schleimhäute und der Ohren bei Mycosis fungoides. Zschr. Hals & Heilk., 1936-37, 41: 222-34.—Freund, E. Sur un cas de mycosis fungoide d'embliée à marche extrêmement bénigne. Ann. derm. syph., Par., 1932, 7. ser., 3: 689.—Fuhs. Mycosis fungoides d'embliée (typus plaques) Wien. klin. Wschr., 1939, 52: 944.—Gaté, J., & Durand, G. Un cas de poikilodermie de Peteg-Jacobi; évolution vers le mycosis fungoide. Bull. Soc. fr. derm. syph., 1938, 45: 474-8.—Gaté, J., & Michel, P. J. Deux cas de mycosis fungoide à début atypique. Ibid., 1937, 44: 1279-82.—Gaucher & Hallopeau. Sur un mycosis fungoide à forme ulcéreuse et serpiginieuse. Ibid., 1906, 17: 380-4. Also Ann. derm. syph., Par., 1906, 4. ser., 7: 697-701.—Gougerot & Burnier. Parapsoarisis en plaques avec poikilodermie; transformation ultérieure en mycosis fungoide. Bull. Soc. fr. derm. syph., 1934, 41: 1528-35.—Gougerot & Carteaude. A. Mycosis fungoide leuco-mélanodermique achromant et atrophique. Ibid., 1932, 39: 1666.—Günche, F. F., & Iapalucci, L. Sarcomatosis o micosis fungoides à tumeurs d'embliée? Rev. As. méd. argent., 1938, 52: 404-7.—Hallopeau, H. Sur une forme ortiée persistante, circonscrite et eczématiforme de mycosis fungoide. Bull. Soc. fr. derm. syph., 1907, 18: 53. — & Bureau, G. Sur un mycosis fungoide avec localisation initiale, éruptions

- polymorphes et végétations axillaires et inguinales. *Ibid.*, 1896, 7: 480-2.—**Hallopeau, H.**, & **Dainville, F.** Sur un cas de mycosis fongoide actuellement localisé à la tête, avec altérations symétriques des lobules auriculaires simulant, d'un côté, un angiome. *Ibid.*, 1910, 21: 32.—**Hallopeau, H.**, & **Duranton.** Sur un cas de mycosis fongoide à grands cratères confluent avec proliférations locales in situ et à distance. *Ibid.*, 1905, 16: 236-8. Also *Ann. derm. syph.*, 1905, 4, ser., 6: 862-4.—**Hallopeau, H.**, & **Granchamp.** Sur un mycosis fongoide à forme lichénoïde et en placards avec localisation initiale et disposition en groupes circinés. *Bull. Soc. fr. derm. syph.*, 1905, 16: 238-40. Also *Ann. derm. syph.*, 1905, 4, ser., 6: 864-6.—**Haxthausen, H.** [Mycosis fungoides with atrophy of the skin] *Hospitaltidende*, 1934, 77: [Dansk derm. selsk. forh.] 27.—**Jackson, G. T.** The life history of a case of mycosis fungoides. *Tr. Am. Derm. Ass.*, 1905, 74. Also *J. Cut. Dis. incl. syph.*, 1906, 24: 193.—**Jeanselmie & Burnier.** La forme verruqueuse et hyperkératosique du mycosis fongoide. *Ann. derm. syph.*, Par., 1926, 6, ser., 7: 65-73.—**Jordan, A.**, & **Artschewa, W.** Das Schicksal der Kranken mit Mycosis fungoides. *Derm. Zschr.*, 1936, 74: 126-35, ch.—**Kamiński** [Mycosis fungoides d'emblée] *Przegl. derm.*, Warsz., 1938, 33: 228.—**Kerl** [Mycosis fungoides d'emblée] *Arch. Derm. Syph.*, Lpz., 1918-19, 125: Ref., 184.—**Klaber, R.** Mycosis fungoides d'emblée. *Proc. R. Soc. M.*, Lond., 1933, 26: 131.—**Königstein.** Mycosis fungoides im Tumorstadium mit ausgedehnter Atrophie der Haut. *Zbl. Haut. Geschlkr.*, 1936, 53: 600.—**Lapière, S.** Considérations générales concernant le classement du mycosis fongoide. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1412-20.—**Louste, Thibaut & Cailliau.** Un cas de mycosis fongoide à tumeurs d'emblée. *Ibid.*, 1926, 33: 88-91.—**Margarot, J.**, & **Sabatier, H.** Remarques sur le polymorphisme clinique initial du mycosis fongoide du type Alibert-Bazin: à propos d'une forme folliculaire surpuisée rappelant le kérion de Celse. *Ibid.*, 1937, 44: 1297-302.—**Milian, G.** Mycosis fongoide à forme suraigüe. *Rev. fr. derm. vénér.*, 1931, 7: 67-73.—**Milian, Périn, L.**, & **David.** Mycosis fongoide; forme érythémato-populeuse en placards circinés. *Bull. Soc. fr. derm. syph.*, 1934, 41: 758-60.—**Milbradt, W.** Mycosis fungoides atrophicans nach einem pramycotischen Stadium unter dem Bilde eines Pruritus cum lichenificatione. *Derm. Wschr.*, 1938, 107: 923-7.—**Mycosis fungoides with poikiloderma-like changes.** *Arch. Derm. Syph.*, Chic., 1937, 36: 898-900.—**Nanta & Bazex.** Erythrodermie mycosique avec tumeurs, longtemps bien tolérée, qui, après s'être montrée très résistante à l'irradiation, à l'arsenic, s'est terminée brusquement par un syndrome d'agranulocytose avec hémorragie. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1433-7.—**Nes, G. L. van** [Case of mycosis fungoides (classic form of the Alibert-Bazin in a woman of Padang)] *Geneesk. tschr. Ned. Indië*, 1937, 77: 1359-61.—**Oliver, E. A.** Mycosis fungoides; report of 3 cases of the tumor d'emblée type. *Arch. Derm. Syph.*, Chic., 1924, 10: 183-202.—**Mycosis fungoides with poikiloderma-like symptoms.** *Ibid.*, 1936, 33: 267-90.—**Oyarzábal, E. de.** Un caso de micosis fongoide que ha comenzado por tumores (micosis fongoide d'emblée de los autores franceses) *Rev. españ. derm. síf.*, 1911, 13: 181-6, 2 pl.—**Pautrier, L. M.** Mycosis fongoide à tumeurs primitives d'emblée. *Ann. derm. syph.*, Par., 1909, 4, ser., 10: 314-7.—**Mycosis fongoide à type histologique anormal à forme angiomateuse.** *P. verb. Congr. derm. syph. fr.* (1923) 1925, 2, congr., 414-20, 2 pl.—**Mycosis fongoide en tumeurs et à évolution rapide.** *Bull. Soc. fr. derm. syph.*, 1938, 45: 1328-33.—**Disse, A.** Mycosis fongoide à tumeurs d'emblée. *Ibid.*, 1926, 33: 741-3.—**Pautrier, L. M.**, & **Woringer, F.** Mycosis fongoide à tumeur d'emblée. *Ibid.*, 1937, 44: 2162-4.—**Tumeurs récidivantes de la jambe droite, évoluant par poussées depuis 3 ans, ayant présenté initialement une histologie de lymphosarcome et paraissant aller vers un mycosis fongoide en tumeurs.** *Ibid.*, 1938, 45: 1909-18.—**Mycosis fongoide généralisé, forme érythrodermique et tumorale; le ganglion mycosique.** *Ibid.*, 1939, 46: 498-505.—**Chorazak, T.** Le mycosis fongoide à tumeur d'emblée. *Ibid.*, 1937, 44: 1323-39. Also *Polska gaz. lek.*, 1937, 16: 967-70.—**Payenneville.** Tumeur initiale du dos diagnostiquée sarcome complètement guérie par la radiothérapie; suivie 6 ans après d'une éruption en plaques infiltrées et prurigineuses, cliniquement et histologiquement mycosis fongoide. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1348-51.—**Pillon, M.**, **Marmier, P.**, & **Michel, P. J.** Mycosis fongoide à tumeur d'emblée. *Ibid.*, 1932, 35: 61.—**Portnoy, B.** Mycosis fungoides d'emblée. *Lancet*, Lond., 1937, 2: 1015-7.—**Pringle, J. J.** Case of mycosis fungoides à tumeurs d'emblée. *Proc. R. Soc. M.*, Lond., 1913-14, 7: Derm. Sect., 155-8.—**Ritter, H.**, & **Keining, E.** Mycosis fungoides d'emblée bei einer 71jähr. Frau. *Derm. Wschr.*, 1938, 106: 196.—**Roussel, J.** Mycosis fongoide avec localisation initiale. *Bull. Soc. fr. derm. syph.*, 1935, 42: 374-7.—**Mycosis fongoide à forme tumorale.** *Ibid.*, 1936, 43: 910-2.—**Spiethoff.** [Mycosis fungoides im zweiten Stadium] *Münch. med. Wschr.*, 1907, 54: 43.—**Spillmann, Watrin** [et al.] Mycosis fongoide en plaques infiltrées. *Bull. Soc. fr. derm. syph.*, 1931, 38: 73-7.—**Ström, S.** [An unusual form of ulcerating cutaneous disease, which was diagnosed mycosis fungoides] *Hygica, Stockh.*, 1916, 78: 54-71.—**Vigne, P.**, & **Dusan.** Mycosis fongoide à tumeurs d'emblée multiples et à évolution rapide. *Bull. Soc. fr. derm. syph.*, 1933, 40: 56-61, pl.—**Vigne, P.**, & **Fournier, A.** Mycosis fongoide à tumeur d'emblée. *Ibid.*, 1931, 38: 268-71.—**Weissenbach, R. J.**, **Basch, G.**, & **Martineau, J.** A propos d'un cas de mycosis fongoide à tumeurs d'emblée ulcérées; les 3 types cliniques évolutifs du mycosis fongoide à tumeurs d'emblée. *Ibid.*, 1937, 44: 1339-47.—**Weissenbach, R. J.**, **Lévy-Franckel & Martineau.** Mycosis fongoide à tumeurs d'emblée. *Ibid.*, 1835-8.—**Weissenbach, R. J.**, **Lévy-Franckel, A.** [et al.] Mycosis fongoide interverti. *Ibid.*, 1935, 42: 247-51.—**Mycosis fongoide à tumeurs d'emblée, multiples, extensives, purpuriques.** *Ibid.*, 1936, 43: 417-9.—**Weissenbach & Témine.** Tumeurs fongoides; mycosis fongoide à tumeurs d'emblée. *Ibid.*, 1938, 45: 1813-5.—**White, C. J.** The evolution of a case of mycosis fungoides under the influence of Roentgen rays. *J. Cut. Dis. incl. syph.*, 1906, 24: 195-215. Also rept. — & **Burns, F. S.** The evolution of a case of mycosis fungoides under the influence of Roentgen rays. *Pub. Massachusetts Gen. Hosp.*, 1907, 1: No. 3, 39-62.—**Wills, W. K.** Mycosis fungoides (à tumeurs d'emblée) at 83 years of age. *Brit. J. Derm. Syph.*, 1934, 46: 184.—**Zürhelle, E.** [Mycosis fungoides faciei] *Ned. tschr. geneesk.*, 1937, 81: 4752.

Clinical course, and type: Premycotic stage.

- Abramowitz, E. W.** Early stage of mycosis fungoides following parapsoriasis. *Arch. Derm. Syph.*, Chic., 1937, 36: 200.—**Azelius.** Praemycotisches Stadium von Mycosis fungoides? *Verh. Kongr. Nord. derm. Verein.* (1913) 1914, 2, Kongr., 99.—**Azorin, L.**, & **Spilzinger, J. M.** Eritrodermia premicótica. *Rev. As. méd. argent.*, 1937, 50: 468-74.—**Bertaccini, G.** Cutis marmorata o livedo racemosa; micosi fongoide in periodo infiltrativo iniziale. *Gior. ital. derm. síf.*, 1936, 77: Suppl., 9-11, pl.—**Bonnevie, P.** [Mycosis fungoides with eczematous-lichenoid pre-stage] *Nord. med.*, 1940, 6: 678.—**Clark.** Pre-fungoid stage of mycosis fungoides. *Arch. Derm. Syph.*, Chic., 1922, n. ser., 6: 95.—**Covisa, J. S.**, & **Gay, J.** Eczématide prémycosique. *Ann. derm. syph.*, Par., 1927, 6, ser., 8: 87-100.—**Dowling, C. B.** Premycotic erythema. *Proc. R. Soc. M.*, Lond., 1937-38, 31: 475-7.—**Feuillée, E.** Prurit tenace avec hypertrophie récidivante des amygdales, et nodules fibro-adenoides sous-cutanées. *Presse méd.*, 1918, 26: 473.—**Gaté, J.**, & **Cailleret, P.**, & **Peissel, J.** Erythrodermie à type d'érythème prémycosique avec formations tumorales d'apparition récente rappelant le mycosis; diagnostic confirmé par les examens anatomopathologiques. *Bull. Soc. fr. derm. syph.*, 1939, 46: 922-5.—**Gaté, J.**, **Michel, P. J.**, & **Charpy, J.** Erythème prémycosique atypique s'étant récemment jugé par l'apparition de tumeurs à type mycosique. *Ibid.*, 1933, 40: 1555-7.—**Gaucher & Nachan.** Mycosis fongoide ayant débuté par un pemphigus foliace. *Ibid.*, 1908, 19: 154.—**Gougerot & Burnier.** Erythrodermie prémycosique avec pigmentation. *Ibid.*, 1929, 36: 69.—**Gougerot, Blum & Eischeff, O.** Erythrodermie prémycosique généralisée à tendance atrophique e avec nodules naissants, sans prurit. *Discuss. Congr. derm. syph. fr.*, 1929, 4, Congr., 265.—**Hallopeau & Aine.** Sur un cas de mycosis fongoide avec lésions eczématiformes; régression des néoplasies après une ménorrhagie. *Bull. Soc. fr. derm. syph.*, 1907, 18: 390-3.—**Hébert, A.** Mycosis fongoide à la période eczématiforme. *Normandie méd.*, 1908, 24: 239-42. Also *Rev. méd. Normandie*, 1908, 165-8.—**Knapp, H.** Mycosis fungoides (pramycotisches Stadium) *Derm. Wschr.*, 1939, 109: 1094.—**Also Zbl. Haut Geschlkr., 1939, 63: 259.—**Leeuwen, T. M. van** [Case of erythrodermia exfoliativa after 7 mycosis fungoides] *Ned. tschr. geneesk.*, 1928, 72: 611.—**Lucas.** Erythrodermie bei Mycosis fungoides. *Med. Klin.*, Berl., 1927, 23: 1321.—**MacArthur, W. P.** A case of mycosis fungoides in the premycotic stage. *Brit. M. J.*, 1909, 1: 718.—**Margarot, J.**, & **Rimbaud, P.** A propos des érythrodermies mycosiques: le mycosis érythrodermique vrai et les éruptions polymorphes généralisées du type Alibert-Bazin. *Bull. Soc. fr. derm. syph.*, 1937, 44: 1320-2.—**Nanta & Vieu.** Alternance de radio-résistance et d'hypersensibilité aux rayons au cours d'une érythrodermie mycosique localisée. *Ibid.*, 1937-46.—**Nielsen, L.** Mycosis fungoides i det pramycotiske Stadium (stærkt figureret Exanthem) *Hospitaltidende*, 1915, 5, R., 8: 936-9.—**Pautrier, L. M.** Mycosis fongoide généralisé, au stade érythrodermique, avec début de formations infiltrées. *Bull. Soc. fr. derm. syph.*, 1936, 43: 515-20.—**Mycosis fongoide à forme érythrodermique évoluant depuis 19 ans et s'accompagnant d'adénopathies généralisées; absence de spécificité des lésions ganglionnaires.** *Ibid.*, 1937, 44: 1302-7.—**Camus, R.** Erythrodermie pré-mycosique avec infiltrat à forme angiomateuse. *Ibid.*, 1928, 35: 975-7.—**Pautrier, L. M.**, & **Woringer, F.** Granulomatose ayant débuté par des lésions cutanées à type d'érythème annulaire centrifuge et se terminant 2 ans plus tard par des lésions viscérales entraînant la mort. *Ibid.*, 1937, 44: 1566-84.—**Pernet, G.** Case of pre-mycotic erythrodermia (early mycosis fungoides) *Proc. R. Soc. M.*, Lond., 1917-18, 16: Sect. Derm., 97.—**Rosenthal, S. K.** Beiträge zur Kenntnis der exfoliativen generalisierten Erythrodermien; erythrodermische Form der Mycosis fungoides (nebst Bemerkungen über die Tuberkulinerie bei M. f.) *Arch. Derm. Syph.*, Berl., 1931, 164: 82-99.—**Savatard, L.** Case for diagnosis (premycosis) *Brit. J. Derm.*, 1922, 34: 201.—**Squeira, J. H.** Diagnosis (premycosis dermatitis) *Ibid.*, 202.—**Venturi, T.** Contributo alla conoscenza della premicosi; dati clinici ed anatomopatologici. *Policlinico*, 1927, 34: sez. prat., 817-20.—**Watrin, J.** Mycosis fongoide à forme érythrodermique initiale et à évolution atrophique. *Bull. Soc. fr. derm. syph.*, 1937, 44: 8.—**Wigley, J. E. M.** Premycotic erythrodermia. *Proc. R.***

Soc. M., Lond., 1937-38, 31: 1351. Also Brit. J. Derm. Syph., 1938, 50: 609.—Wile, U. J., & Keim, H. L. Early mycosis fungoides. Arch. Derm. Syph., Chic., 1940, 42: 718.—Zumbusch, von. Prämykotisches Exanthem. Münch. med. Wschr., 1918, 65: 197.

— Diagnosis.

KELLER, F. *Ueber die Mykosis fungoides der Schleimhaut und ihre Differentialdiagnose gegenüber Lues. 32p. 8°. Frankf. a. M., 1931.

Bernstein, J. C. A case for diagnosis (monocytic leukemia? mycosis fungoides?) Arch. Derm. Syph., Chic., 1939, 39: 894.—Carol, W. L. L. [Granuloma fungoides(?) gangraenens. Ned. tschr. geneesk., 1931, 75: 1319-27, pl.—Chargin, L. Ulcerated tumors of mycosis fungoides resembling gummas. Arch. Derm. Syph., Chic., 1935, 31: 765.—Cipollaro, A. C. A case for diagnosis (sarcoid? mycosis fungoides?) Ibid., 1937, 36: 879; 1939, 39: 364. Mycosis fungoides with pernicious anemia? Ibid., 1940, 41: 616.—Cooper, G. A. A case for diagnosis (mycosis fungoides?) Ibid., 1938, 38: 793.—Dubois-Havenith. Un cas de diagnostic (mycosis fungoides) Presse méd. belge, 1912, 64: 573-5.—Fox, H. Mycosis fungoides (exfoliative dermatitis; tumors of the face) Arch. Derm. Syph., Chic., 1940, 41: 970.—Fox, T. C. Generalized eruption, probably mycosis fungoides in a man aged 63. Proc. R. Soc. M., Lond., 1910-11, 4: Derm. Sect., 20.—Friart, G. Mycosis fungoides (?) à cellules géantes. Bull. Soc. fr. derm. syph., 1937, 44: 1407-12.—Frost, K., & Anderson, C. R. A case for diagnosis, mycosis fungoides? Arch. Derm. Syph., Chic., 1938, 37: 1069.—Greenhouse, C. A. A case for diagnosis (psoriasisiform eczema? mycosis fungoides) Ibid., 858.—Greifenstein, A. Dauerheilung eines malignen Granuloms, nebst einem differentialdiagnostischen Beitrag zur Mycosis fungoides der Schleimhäute. Arch. Ohr. & Heilk., 1937, 143: 315-29.—Gómez Orbaneja, J. Granulomatosa cutánea indeterminada o micosis fungoide de tumor primitivo? Actas derm. sif., Madr., 1939, 40, 31: 433-7.—Gordon, H. ?Mycosis fungoides. Proc. R. Soc. M., Lond., 1936-37, 30: 367.—Gross, E. R. A case for diagnosis (mycosis fungoides?) Arch. Derm. Syph., Chic., 1939, 39: 941.—Hallopeau, H. Eruption eczématiforme, peut être prémycosique, et pelade. Bull. Soc. fr. derm. syph., 1910, 21: 119-21.—Highman, W. J. Mycosis fungoides and kindred conditions; the criteria of their diagnosis. Arch. Derm. Syph., Chic., 1926, n. ser., 13: 522-37.—Hopkins, J. G. A case for diagnosis (lymphoma of the orbital region? mycosis fungoides à tumeur d'emblée? granuloma annulare?) Ibid., 1939, 39: 759-61.—Juvén, H. Casus pro diagnosi. Bull. Soc. fr. derm. syph., 1939, 46: 936-8. —& Dugois, P. Tumeurs multiples à allure clinique de sarcomatose, et structure histologique strictement inflammatoire (mycosis fungoide à tumeurs d'emblée?) Ibid., 1937, 44: 562-4.—Ketrón, L. W., & Goodman, M. H. Multiple lesions of the skin apparently of epithelial origin resembling clinically mycosis fungoides. Arch. Derm. Syph., Chic., 1931, 24: 758-85.—Kraindel, I. S. [Diagnosis of mycosis fungoides (lymphogranulomatosis)] Vener. derm., Moskva, 1931, 8: 64-70.—Lereboullet, J. L'épreuve de l'adrénaline dans 2 cas de mycosis fungoide. Rev. fr. derm. vénér., 1931, 7: 28-35.—Little, E. G. G. Case of extensive dermatitis, possibly mycosis fungoides. Proc. R. Soc. M., Lond., 1917-18, 21: Sect. Derm., 46. — Case of ?mycosis fungoides. Ibid., 1920, 13: Sect. Derm., 89.—Lomholt, S. [Case for diagnosis (mycosis fungoides)] Dansk. derm. selsk. forh., 1931-32, 64: 53-5.—Louste. Syphilis maligne ou mycosis fungoide. Discuss. Congr. derm. syph. fr., 1929, 4. Congr., 247-9.—Merenlender, Plonskier & Krzemienska [Mycosis fungoides lymphogranulomatosis cutis?] Przegl. derm., Warsz., 1935, 30: 296.—Miller, J. L. Mycosis fungoides? a case for diagnosis. Arch. Derm. Syph., Chic., 1940, 42: 376.—Nicolas, J., Massia, G., & Pétauraud, G. Sarcome cutané de la région inguinale pouvant être pris, avant l'examen histologique, pour un mycosis fungoide à tumeur d'emblée. Bull. Soc. fr. derm. syph., 1933, 40: 1190-2.—Oppenheim, M. Diagnose Mykosis fungoides. Wien. klin. Wschr., 1912, 25: 728.—Ormsby. Mycosis fungoides or leukemia cutis (?) J. Cut. Dis. Incl. Syph., 1919, 37: 624.—Pautrier, L. M. Mycosis fungoide en tumeurs du nez, ayant été diagnostiqué initialement lupus érythémateux, puis sarcoidé de Besnier-Boeck. Bull. Soc. fr. derm. syph., 1938, 45: 1924-31. — Diss, A., & Lanzenberg. Lésions cutanées vésiculo-bulleuses, papuleuses et à type de nodosités sous-cutanées passagères allant histologiquement vers le mycosis fungoide, chez un malade atteint de lymphocytome. Ibid., 1926, 33: 763-8.—Pautrier, L. M., & Lévy, G. Mycosis fungoide à tumeurs d'emblée ou lymphadénome d'origine cutanée. Ibid., 1924, 31: 84-8, pl.—Phillips, H. T., & Kerr, J. C. A case for diagnosis (mycosis fungoides?) Arch. Derm. Syph., Chic., 1939, 40: 661.—Radaeli, F. Mykosis fungoides oder Pseudo-leukemia cutanea. Arch. Derm. Syph., Wien, 1906, 80: 333-48, 2 pl.—Sáenz, B. Consideraciones generales sobre las linfadenías; diagnóstico y tratamiento de la mycosis fungoide. Vida nueva, Habana, 1930, 25: 378-85.—Scheer, M. A case for diagnosis (mycosis fungoides?) Arch. Derm. Syph., Chic., 1939, 40: 816.—Schmidt, F. R. Multiple tumors of the skin resembling mycosis fungoides. Ibid., 1928, 18: 231-6. Also repr.—Seminario, C., & Arana, M. Algunos caracteres que hay que tener en cuenta para el diagnóstico precoz de la micosis fungoide. Sem. méd., B. Air., 1927, 34: 234-6.—Semon, H. C. Granuloma fungoides? case for diagnosis. Proc. R. Soc. M., Lond., 1927-28, 21: Sect. Derm., 61.—Senebar, F. E., & Ken-

drick, F. J. A case for diagnosis (mycosis fungoides?) Arch. Derm. Syph., Chic., 1940, 42: 510.—Senebar, F. E., & Shellow, H. A case for diagnosis, mycosis fungoides? Ibid., 1938, 38: 285.—Sequeira, J. H. Case of (?) mycosis fungoides. Proc. R. Soc. M., Lond., 1910-11, 4: Derm. Sect., 77. Also Brit. J. Derm., 1911, 23: 117.—Sharlit, H. Reticuloendotheliosis; mycosis fungoides(?) Arch. Derm. Syph., Chic., 1940, 42: 699.—Stimpke, G. Mycosis fungoides? Dermatose anderer Provenienz? Arch. Derm. Syph., Berl., 1923, 144: 23-31.—Swartz, J. H., Smith, C. M., & Towle, H. P. A case for diagnosis (parapsoriasis? premycotic stage of mycosis fungoides?) Arch. Derm. Syph., Chic., 1936, 34: 295.—Traub, E. F. A case for diagnosis (poikiloderma vasculare atrophicum? mycosis fungoides?) Ibid., 1937, 35: 1201.—Tzanck, A., Dreyfuss, A., & Levy, S. La ponction sternale dans le mycosis fungoide. Sang. Par., 1938, 12: 110-2.—Walzer, A. A case for diagnosis; mycosis fungoides? Arch. Derm. Syph., Chic., 1940, 42: 1162-4.—Whitfield, A. Case of (?) mycosis fungoides. Proc. R. Soc. M., Lond., 1909-10, 3: Derm. Sect., 63.—Wise, F. A case for diagnosis (eruption due to phenolphthalein? mycosis fungoides?) Arch. Derm. Syph., Chic., 1935, 32: 973. — A case for diagnosis (parapsoriasis? mycosis fungoides?) Ibid., 1939, 39: 587. — A case for diagnosis; mycosis fungoides? leukemid? Hodgkin's disease of the skin? Ibid., 1940, 42: 1157-9.—Zoon, J. J. Notes diagnostiques et thérapeutiques au sujet du mycosis fungoide. Bull. Soc. fr. derm. syph., 1937, 44: 1282-90, pl.

— Etiology, and pathogenesis.

CHEVREL, M. L. [née BODIN] *Recherches sur l'étiologie du mycosis fungoide [Paris] 75p. 8°. Angoulême, 1928.

FRANKE, U. *Ueber Mycosis fungoides; acht Fälle und die Möglichkeit einer histogenetischen Ausdeutung im Sinne einer Reticulo-Endotheliose, ferner ein Beitrag zur Aetiologie. 41p. 8°. Königsb. Pr., 1935.

Baumann, R. Ein Beitrag zur Klärung der Aetiologie der Mycosis fungoides des Hundes. Zbl. Bakt., 1. Abt., 1936-37, 138: 241-4.—Bergner, L., & Vallée, A. Le mycosis fungoide; une réticulo-endothéliose de la peau. Presse méd., 1930, 38: 177-9.—Beurmann, de & Verdun. Un cas de mycosis fungoide à tumeurs multiples d'emblée, en évolution depuis 20 ans; réaction de fixation positive. Bull. Soc. fr. derm. syph., 1909, 20: 397-402.—Bodin, E., & Chevrel, M. L. Note sur un coccobacille isolé d'un cas de mycosis fungoide. Ibid., 1926, 32: 491-8.—Bräunauer, S. R. Ueber Granuloma fungoides der Haut und innerer Organe und ein hierher gehöriges Krankheitsbild mit gelungener Übertragung auf Meerschweinchen. Acta derm. vener., Stockh., 1925, 6: 198-240. Zur Aetiologie des Granuloma fungoides. Arch. Derm. Syph., Berl., 1926, 151: 414. — Ueber die Aetiologie der Mycosis fungoides. Deut. med. Wschr., 1926, 52: 2030.—Bushell, F. G., & Williams, A. W. Mycosis fungoides: its relationship to infection and to malignant new growth. Brit. M. J., 1907, 2: 1403.—Cailliau, F. A propos de l'histogénèse du mycosis fungoide. Ann. derm. syph., Par., 1938, 7, sér., 9: 857-74.—Cameron, O. J. Mycosis fungoides in mother and in daughter. Arch. Derm. Syph., Chic., 1933, 27: 232-6.—Cottini, G. Tubercolosi e micosi fungoide? Boll. Soc. med. chir., Pavia, 1934, 48: 887-925, pl.—Decrop & Salle. Observation de mycosis fungoide chez un indigène marocain. Bull. Soc. fr. derm. syph., 1921, 28: 148.—Gaucher, Joltrain & Flurin. Deux cas de mycosis fungoide avec séro-diagnostic positif. Ibid., 1910, 21: 127.—Grynfeller, E., Margatol, J., & Rimbaud, P. Remarques sur l'histogénèse et sur l'étiologie du mycosis fungoide. Ibid., 1937, 44: 1389-94.—Hissard. Contribution aux recherches de M. Bodin et de Mme Chevrel sur l'étiologie du mycosis fungoide. Ibid., 1929, 36: 87-95.—Houcke, E., & Boury, M. Conceptions pathogéniques actuelles du mycosis fungoide. Echo méd. nord., 1935, 3, sér., 3: 909-22.—La Manna, S. Su alcune questioni istopatogenetiche nella micosis fungoide. Tumori, Milano, 1939, 25: 65-84, pl.—Markowitz, B. Theories of mycosis fungoides, Hodgkin's disease, etc. with 2 case reports. Am. J. Surg., 1932, n. ser., 16: 113-7. Also repr.—Martenstein, H. Zur Tuberkulinanergie bei Mycosis fungoides. Arch. Derm. Syph., Berl., 1928, 154: 198.—Mestre, J. J. Un caso de micosis fungoides en un Negro. Rev. med. cir. Habana, 1929, 34: 91-6.—Niethammer, M. Beitrag zur Frage der Aetiologie und zur Therapie der Mycosis fungoides. Arch. Derm. Syph., Berl., 1939, 179: 484-99.—Owen-Jones, R. Mycosis fungoides following laparotomy. Brit. M. J., 1931, 1: 537, pl.—Pasini, A. Beitrag zum Studium der hämatogenen Theorie bei der Pathogenese der Mykosis fungoides. Hefte. prakt. Derm., 1907, 45: 481-99. Also Gior. ital. mal. vener., 1908, 48: 47-65.—Petraček, E., & Cech, J. [Contribution to the problem of mycosis fungoides] Sborn. léc., 1939, 41: 277-313, 2 pl.—Ramel, E. D'une bactériurie tuberculeuse transitoire, révélatrice, du rôle joué par le terrain tuberculeux dans l'évolution d'un mycosis fungoide. Bull. Soc. fr. derm. syph., 1937, 44: 1371-88.—Rosenthal, S. K. Tuberkulinanergie bei Mycosis fungoides (vorläufige Mitteilung) Arch. Derm. Syph., Berl., 1928, 154: 196.—Santolanni, G. Contributo alle moderne concezioni sull'istogenesi della micosis fungoide. Arch. Ist. biochim. ital., 1936, 8: 99-124.—Sendziak, J. The etiology and treatment of mycosis occurring

in the upper respiratory tract. Tr. Am. Lar. Rhin. Otol. Soc., 11. Meet., 1905, 307-45, pl.—**Vilanova, P.** El micosis fungoides, enfermedad infecciosa. Rev. cienc. méd. Barcelona, 1903, 29: 257-63.—**Wile, U. J., & Knerler, C. W.** Mycosis fungoides in mother and in daughter; further report. Arch. Derm. Syph., Chic., 1938, 38: 939-42.—**Wirth, D., & Baumann, R.** Ein weiterer Fall von Mycosis fungoides beim Hund mit Darstellung des vermutlichen Erregers. Virchows Arch., 1932, 286: 651-5.—**Zurhelle, E.** Kritischer Beitrag zur experimentellen Übertragung der Mycosis fungoides. Derm. Zschr., 1934, 69: 65-84.

Pathology.

Dobritz, O. *Ueber einen Fall von Mycosis fungoides mit inneren Lokalisationen [München] 28p. 8°. Bielefeld, 1936.

Eversmann, H. *Blasenbildungen bei Mycosis fungoides [Münster] 14p. 8°. Quackenbrück, 1933.

Lutz, H. [F. K.] *Die Beziehungen von Mycosis fungoides und Lymphogranulomatose auf Grund der Untersuchungen eines Falles von generalisierter Mycosis fungoides [Tübingen] 23p. 8°. Metzingen (Württ.) 1935.

Thibon, L. J. J. *Des lésions gastriques au cours du mycosis fongioide. 51p. 8°. Par., 1935

Bennek, J. Mycosis fungoides innerer Organe. Zbl. Haut Geschlkr., 1938, 60: 1-21.—**Berman, L.** Pathologie nature of mycosis fungoides. Arch. Path., Chic., 1940, 29: 530-40.—**Brandweiner, A.** Ein Beitrag zur Histologie der Mycosis fungoides. Derm. Zschr., 1906, 13: 165-74.—**Cecchi, E.** Su di un caso di micosi fungoide con localizzazione negli organi interni. Arch. ital. dermat., 1932-33, 8: 137-73.—**Chevalier, P., Moutier, F., & Moline, R.** Plaques gastriques du mycosis fongioide. Bull. Soc. fr. dermat. syph., 1935, 42: 1417.—**Cottini, G.** Contributo istologico ed ematologico allo studio della micosi fungoide. Boll. Soc. med. chir., Pavia, 1934, 48: 115-49.—**Cottini, J. B.** Aspects hématologiques et histopathologiques de 3 cas de mycosis fongioide. Ann. dermat. syph., Par., 1937, 7, ser., 8: 15-44.—**Dalous.** Note sur l'histologie du mycosis fongioide. Bull. Soc. fr. dermat. syph., 1905, 16: 326-8. Also Ann. dermat. syph., Par., 1905, 4, ser., 6: 991-3. Also J. mal. cut. syph., Par., 1906, 18: 3-6.—**De Amicis, T.** Contribuzione clinica ed anatomo-patologica allo studio del dermo-linfo-adenoma fungoide (micosi fungoide di Alibert) Morgagni, 1882, 24: 655-76, 6 pl.—**Ebner, E., & Salzer, G.** Ein Fall von Darmperforation bei Mycosis fungoides. Deut. Zschr. Chir., 1933, 239: 765-72.—**Eichler, P., & Rottmann, H. G.** Zur Frage des Wesens der Metastasen bei Mycosis fungoides. Arch. Derm. Syph., Berl., 1928, 154: 300-23.—**Flarer, F.** Sui rapporti tra micosi fungoide e linfo-granuloma maligno. Gior. ital. dermat. sif., 1930, 71: 1072-84.—**Fuhs, H.** Beitrag zu den blastomatösen Erkrankungen (Sarkomen) unter dem klinischen Bilde einer Mycosis fungoides d'emblée. Derm. Zschr., 1935-36, 72: 135-49.—**Gadrat, J.** A propos d'un cas de mycosis fongioide avec autopsie; considérations sur l'histogénèse comparée du mycosis fongioide et de la lymphogranulomatose. Ann. dermat. syph., Par., 1939, 7, ser., 10: 398-409.—**Gerwig, A.** Ueber das örtliche Vorkommen der Mycosis fungoides. Arch. Derm. Syph., Berl., 1928, 156: 677-83.—**Herxheimer, K., & Hübner, H.** Zehn Fälle von Mycosis fungoides mit Bemerkungen über die Histologie und Röntgentherapie dieser Krankheit. Ibid., 1907, 84: 241-78, 2 pl.—**Höltke, H.** Zur Kenntnis der Mycosis fungoides. Ibid., 1933, 169: 13-28.—**Jonkhoff, D. J.** [Case of mycosis fungoides with extensive destructive changes in face] Ned. tsehr. geneesk., 1930, 74: pt 2, 3756-9.—**Kolff, W. J.** [Case of granuloma (mycosis) fungoides of the small intestine] Ibid., 1936, 80: 3738-44, 2 pl.—**Lapière, S., & De Weert, W.** L'aspect de la moelle osseuse dans le mycosis fongioide. Sang. Par., 1939, 13: 393-400.—**Lenoble, E.** Mycosis fongioide ayant évolué en 4 années; leucocytose avec mononucléose et éosinophilie; anasarque terminal; noyau mycosique dans le poulmon droit. Ann. dermat. syph., Par., 1908, 4, ser., 9: 349-54.—**Liechti, E.** Ueber Tumoren innerer Organe bei Mycosis fungoides. Arch. Derm. Syph., Berl., 1928, 154: 246-68.—**Löhe, H., & Schmidt, W.** Augenbeteiligung bei Mycosis fungoides. Derm. Wschr., 1936, 103: 1329.—**Marchionini, A.** Mycosis fungoides mit Gehirnmastasen [Bild] Ibid., 1939, 108: 387.—**Mazzanti, C.** Contributo allo studio della micosi fungoide. Dermosiflografo, 1932, 7: 481-507.—**Moncorps, C., & Borge, G.** Mycosis fungoides mit mykoiden Veränderungen im Gehirn und in den Gehirnnerven. Virchows Arch., 1932, 286: 157.—**Montgomery, H., & O'Leary, P. A.** Micosis fungoide y linfoblastomas de la piel. Rev. argent. dermat. sif., 1939, 23: 181-99.—**Mosto, D., Pessano, J., & Radice, J. C.** Histopatología de la micosis fungoide. An. Fac. med., Montev., 1939, 24: 129-38.—**Naegeli.** Mycosis fungoides, mit besonderer Berücksichtigung der Blutverhältnisse in verschiedenen Stadien dieser Krankheit. Schweiz. med. Wschr., 1926, 56: 349.—**O'Donovan, W. J., & Turnbull,**

H. M. Case of mycosis fungoides with serpiginous eruption for 30 years; histological report on a portion of skin removed from the left elbow. Proc. R. Soc. M., Lond., 1923-24, 17: Sect. Derm., 49.—**Ormsby, O. S., & Finnerud, C. W.** Mycosis fungoides; report of a case with autopsy. Arch. Derm. Syph., Chic., 1933, 27: 631-42.—**Orton, S. T., & Locke, E. A.** Th: pathologic findings in 2 fatal cases of mycosis fungoides. J. Am. M. Ass., 1907, 48: 89-92. Also repr.—**Owen, W. B.** Report of case of mycosis fungoides and autopsy findings with some general deductions. Kentucky M. J., 1908-9, 7: 500-5.—**Pascheff, C.** Granulomatöse symmetrische Hyperplasien der Bindehaut bei der fungoiden Mykose (Granuloma fungoides) Klin. Mbl. Augenh., 1937, 99: 64-74.—**Pautrier, L. M.** A propos de l'anatomie pathologique du mycosis fongioide. Bull. Soc. fr. dermat. syph., 1937, 44: 1365-71.—**Page.** Mycosis fongioide; éosinophilie et mastzellen-leucocytose locales, formées, sur place, dans les tumeurs mycosiques, aux dépens des lymphocytes. Bull. Soc. méd. hôp. Paris, 1908, 5, ser., 25: 619-27.—**Pautrier, L. M., & Wöringer, F.** Granulomatose à tumeurs très nombreuses, généralisées à la face et à tout le corps simulant le mycosis fongioide, mais à histologie particulière, radio-résistantes et ayant entraîné la mort en quelques mois. Bull. Soc. fr. dermat. syph., 1937, 44: 1584-604.—**Hoerner, G.** Résultats fournis par l'autopsie du cas de mycosis fongioide avec tumeurs. Ibid., 1940, 47: 8-14.—**Pillon, M., Marmier, & Michel, P. J.** Note rectificative à propos d'un cas de mycosis fongioide à tumeur d'emblée de la jambe; métastase récente du sein de nature sarcomateuse. Ibid., 1933, 40: 1181.—**Ramazzotti, V.** Note cliniche ed anatomo-patologiche su di un caso di micosi fungoide. Boll. clin. sc. Polambul. Milano, 1904, 17: 151; 177. Also Gior. ital. mal. vener., 1905, 40: 163-76, pl.—**Rost, G.** Demonstration: Moulage und mikroskopische Präparate einer Mycosis fungoides. Schweiz. med. Wschr., 1922, 52: 569.—**Sézary, A., & Kipfer, M.** Mycosis fongioide et troubles nerveux. Bull. Soc. fr. dermat. syph., 1938, 45: 250-4.—**Symmers, D.** Mycosis fungoides as a clinical and pathologic non-existent. Arch. Derm. Syph., Chic., 1932, 25: 1-5. Also repr.—**Touraine, A., Moutier, F., & Soulignac.** Mycosis fongioide avec gastrite atrophique, splénomégalie et forte éosinophilie sanguine. Bull. Soc. fr. dermat. syph., 1937, 44: 417-21.—**Urbutey, L.** Note sur les cellules prédominantes dans le granuloma fongioide; à propos d'une communication de MM. Tzanck, Dreyfuss et Levi. Sang. Par., 1938, 12: 518.—**Vidal, E., & Brocq, L.** Etude sur le mycosis fongioide. France méd., 1885, 32: 946; passim. Also repr.—**Vignale, B., & Malet, J.** Considérations sur le mycosis fongioide en Uruguay (étude clinique et anatomo-pathologique) Rev. sudamér. méd., Par., 1930, 1: 1139-50.—**Wiedmann, A.** Beiträge zur Kenntnis des Granuloma fungoides. Derm. Wschr., 1932, 94: 777-87.—**Wills, K.** Case of mycosis fungoides, with microscopic section. Proc. R. Soc. M., Lond., 1923-24, 17: Sect. Derm., 3.—**Wright, A. J.** Specimen, section and drawing of a case of mycosis fungoides involving pharynx and larynx. Ibid., Sect. Laryng., 44.—**Zinck, K. H.** Die Neubildung lymphoiden Gewebes bei der Mycosis fungoides. Virchows Arch., 1935-36, 296: 319-42.—**Zumbusch, L. von.** Beitrag zur Pathologie und Therapie der Mykosis fungoides. Arch. Derm. Syph., Berl., 1906, 78: 263-88.

Treatment.

Audry, C. Sur un cas de mycosis fongioide à tumeur d'emblée opéré et reste guéri depuis près de 4 années. Bull. Soc. fr. dermat. syph., 1928, 35: 432.—**Freunde, E.** Favorevoli risultati terapeutici in alcune dermatosi ordinariamente resistenti a qualsiasi trattamento; casi di micosi fungoide. Gior. ital. dermat. sif., 1937, 78: No. 2, Suppl., 265-7.—**Hirsch, A.** Ueber erfolgreiche Behandlung der Mycosis fungoides. Derm. Zschr., 1927, 50: 428-34.—**Hodara, M.** Innerliche Darreichung von Ichthyol in drei Fällen von Mykosis fungoides, und hämatologische Untersuchung zweier dieser Fälle um die Zeit ihres Beginnes. Mhefte prakt. Derm., 1904, 38: 490-3.—**Holding, A. F.** Mycosis fungoides; case of a tumor stage after treatment. Med. Rec., N. Y., 1917, 92: 215.—**Hübschmann, K.** [Attempts of etiological treatment of fungoid mycosis] Cesk. dermat., 1934, 15: 154-9. Also Bull. Soc. fr. dermat. syph., 1937, 44: 1426-9.—**Klauder, J. V.** Fever therapy of mycosis fungoides. J. Am. M. Ass., 1936, 106: 201-6.—**Lomholt, S.** Antileprolbehandlung bei Mycosis fungoides. Arch. Derm. Syph., Berl., 1934, 170: 467-72. Also Hospitalstidende, 1935, 78: 79-84, 4 pl. — [Two cases of mycosis fungoides, treated with antileprol] Ibid., 1936, 79: [Dansk dermat. selsk. forh.] 36-8.—**MacCormac, H.** Case of mycosis fungoides treated by malaria. Brit. J. Derm. Syph., 1934, 46: 429.—**Mycosis fungoides treated with malaria.** Proc. R. Soc. M., Lond., 1935-36, 29: 288.—**Pernet, C.** A case of mycosis fungoides d'emblée treated unsuccessfully by salvarsan and X-rays. Tr. Internat. Congr. Med. (1913) 1914., 17. Congr., Sect. 18, Derm. Syph., pt 2, 189-95.—**Sulzberger, M. B.** Mycosis fungoides treated with sodium silicate. Arch. Derm. Syph., Chic., 1937, 35: 544.—**Tranck, Sidi & Duperré** Traitement des mycoses par instillation intraveineuse de lugol Bull. Soc. fr. dermat. syph., 1938, 45: 585-7.—**Weiss, A.** Erfahrungen mit Mykodermin. Med. Bl. Wien, 1906, 29: 494-6.—**Wilson, S. J.** Ethyl esters of chaulmoogra oil therapy in the treatment of mycosis fungoides. South. M. J., 1933, 31: 675-8.

— Treatment: Radiotherapy.

KERJEAN, E. *La téléradiothérapie dans le traitement du mycosis fongioïde. 67p. 25½cm. Lyon, 1938.

PERRON, J. J. M. *Contribution à l'étude du traitement radiothérapique du mycosis fongioïde. 59p. 25cm. Bord., 1938.

WENCHU SCHAN. *Ueber die Therapie und Prognose der Mycosis fungoides. 30p. 8°. Frankf. a. M., 1928.

Affé, M. A. Rare case of mycosis fungoides with a note on X-ray treatment of the disease. J. Egypt. M. Ass., 1934, 17: 296-8.—Bernhardt, R. [On roentgenotherapy of mycosis fungoides with special reference to histopathological changes in the tissue, due to irradiation] Gaz. lek., Warsz., 1908, 2, ser., 28: 277; 311; 327; 351.—Beurmann de, Dominici & Duval, R. Action du radium sur un cas de mycosis fongioïde à type lympho-sarcomateux. C. rend. Congr. fr. méd., (1907) 1908, 431-5.—Bode, H. G. Ueber Röntgenbestrahlungen bei Leukämie und Mycosis fungoides. Derm. Wschr., 1936, 103: 1335-41.—Brocq, L. Note sur le traitement du mycosis fongioïde par la radiothérapie. Bull. Soc. méd. hôp. Paris, 1908, 3, ser., 25: 627-9.—Bureau, G. Mycosis fongioïde traité par la radiothérapie. Gaz. méd. Nantes, 1908, 2, ser., 26: 688-93.—Burrows, A. Case of mycosis fungoides treated by radon seeds. Proc. R. Soc. M., Lond., 1931, 24: 1649.—Callomon, F. Heilung multipler, jahrelang bestehender, ausgebreiteter Hauttumoren nach partieller Röntgenbestrahlung eines Einzelherdes in einem Fall von Mycosis fungoides d'emblée (oder Sarcomatosis cutis?) bei einem 64 jährigen Mann. Arch. ital. dermat., 1937, 13: 461-6.—Crocker, H. R. Case illustrating the effect of X-rays on mycosis fungoides. Proc. R. Soc. M., Lond., 1907-8, 1: Derm. Sect., 75.—Du Bois, C. Mycosis fongioïde à forme circonscrite guéri par les rayons X. Arch. Electr. méd., 1906, 14: 52-5.—Gaucher, Mycosis fongioïde localisé à la région dorsale; la radiothérapie dans le mycosis. J. mal. cut. syph., Par., 1906, 18: 270-2.—Gastou & Boisseau. Mycosis fongioïde localisé, traité par la radiothérapie. Bull. Soc. fr. dermat. syph., 1905, 16: 314. Also Ann. dermat. syph., Par., 1905, 4, ser., 6: 979.—Hoche, Watrin [et al.] La téléradiothérapie du mycosis fongioïde. Bull. Soc. fr. dermat. syph., 1937, 44: 1429-32.—Hübner, H. Ueber die Heilung der Mycosis fungoides mit Röntgenstrahlen. Fortsch. Med., 1908, 26: 7.—Imbert, Mycosis fongioïde et radiothérapie. Bull. Soc. radiol. méd. France, 1931, 19: 467.—Japiot. Un cas de mycosis fongioïde traité par téléradiothérapie. Ibid., 1936, 24: 355.—Kalz, F. Zur Grenzstrahlbehandlung der Mycosis fungoides. Dermatologica, Basel, 1939, 79: 79-83.—Milian & Launay. Biotropisme radiothérapique promicrobien à l'occasion du traitement de tumeurs mycosiques. Bull. Soc. fr. dermat. syph., 1928, 35: 611-3.—Mycosis fungoides X-ray treatment: cured. S. Thomas Hosp. Rep., Lond., 1906, n. ser., 34: 331.—Rousset, J., & Racouchot, J. Mycosis fongioïde; traitement par la téléradiothérapie. Bull. Soc. fr. dermat. syph., 1938, 45: Suppl., 185-8.—Schourp & Freund. Ein Fall von Mycosis fungoides mit Berücksichtigung der Röntgen-Therapie. Derm. Zbl., 1906, 9: 168-71.—Spillmann, L., Hoche [et al.] Mycosis fongioïde et radiothérapie. Bull. Soc. fr. dermat. syph., 1935, 42: 993-5.—Taylor, G. S. A case of mycosis fungoides treated successfully by the X-rays. Arch. Roentg. Ray, Lond., 1905-6, 10: 332, pl. Also Lancet, Lond., 1906, 1: 828.—Traub, E. F. Mycosis fungoides recurring after roentgen therapy. Arch. Derm. Syph., Chic., 1937, 36: 203.—White, C. J., & Burns, F. L. The evolution of a case of mycosis fungoides under the influence of Röntgen-rays. Tr. Am. Derm. Ass., 1905, 76-95, 5 pl. Also J. Cut. Dis. incl. Syph., 1906, 24: 195-215, 5 pl.

GRANULOMA malignum.

Synonyms: Benda's, Fraenkel's, Hodgkin's, Paultauf's, Sternberg's disease.

See also Hematopoietic system, Disease; Leukosis; Lymphoblastoma; also in 3. ser. Hodgkin's disease; Lymphogranulomatosis; Pseudoleukemia.

BENNETT, R. A. Hodgkin's disease. 56p. 12°. Brist., 1923.

BUSCH, N. *Ueber die Lymphogranulomatose. 26p. 8°. Kiel, 1928.

CHEVALLIER, P., & BERNARD, J. J. R. La maladie de Hodgkin; lymphadénie aleucémique, lymphosarcome, pseudo-leucémie de Bonfils, morbus Hodgkini de Wilks, adénie de Trousseau, granulome malin de Benda, lymphogranulome malin, lymphogranulomatose maligne, etc., 293p. 8°. Par., 1922.

FELDMANN, F. *Ueber die Lymphogranulomatose [Bonn] 34p. 8°. Bonn, 1930.

MAYER, H. [P.] *Ueber multiple maligne Lymphomatose. 32p. 8°. Münch., 1903.

MOUSSEAU, L. *La maladie de Hodgkin-Sternberg (lymphogranulomatose maligne) à propos de 6 observations inédites. 115p. 8°. Par., 1926.

SONNTAG, W. *Ueber die Lymphogranulomatose. 38p. 8°. Kiel, 1933.

Askanazy, La lymphogranulomatose. Rev. méd. Suisse rom., 1930, 50: 321-35.—Avtonomov, V. I., & Maïofis, E. M. [Lymphogranulomatosis] Sovet. vrach. J., 1936, 1: 345-9.—Baize, P. La maladie de Hodgkin (lymphogranulomatose maligne) Bull. méd., Par., 1933, 47: 734-8.—Baker, C., & Mann, W. N. Hodgkin's disease. Lancet, Lond., 1940, 1: 23-5.—Brachetto Brian, D. Sesiones anátomo-clínicas del hospital Ramos Mejía. Acción méd., B. Air., 1940, 10: 423.—Brown, C. B. Hodgkin's disease. Nova Scotia M. Bull., 1940, 19: 212-5.—Brun, de. Granulomatose maligne (maladie de Hodgkin) Rev. gén. clin. théor., 1931, 45: 705; 724.—Casiello, A. Enfermedad de Hodgkin-Paltauf-Sternberg; granulomatosis. Sem. méd., B. Air., 1935, 42: pt 2, 1061-73.—Cason, W. M. Hodgkin's disease. J. M. Ass. Georgia, 1934, 23: 409-13.—Castellano, T., & Orgáz, J. Linfo-granulomatosis maligna: enfermedad de Hodgkin-Sternberg. Prensa méd. argent., 1928-29, 15: 1293-302.—Castelli, A. Sul granuloma maligno. Gazz. osp., 1927, 48: 507-14.—Caster, M. R. Linfo-granulomatosis de Paltauf, granuloma maligno de Benda o linfofomatosis granulomatosa de Fraenkel. Prensa méd. argent., 1929-30, 16: 189-209.—Cecconi, A. Linfo-granuloma (pseudoleucemia granulomatosa) Minerva med., Tor., 1926, 6: 89-97.—Chamberlain, W. E., & Young, B. R. Hodgkin's disease. J. M. Soc. N. Jersey, 1934, 31: 415.—Chodkowski, K. [Lymphogranulomatosis] Lek. wojsk., 1936, 27: 129; 200; 274.—Ciauri, R. Sul linfo-granuloma maligno. Gior. med. mil., 1930, 78: 620-7.—Clark, O. Lymphogranuloma de Hodgkin. Fol. med., Rio, 1933, 14: 445.—Cornbleet, T., & Rattner, H. Hodgkin's disease. Arch. Derm. Syph., Chic., 1940, 41: 783.—Czarnta-Bojarska, M. [Lymphogranulomatosis maligna] Przegl. dermat., Warsz., 1937, 32: 100-3.—Davies, G. F. S. Hodgkin's disease. Med. J. Australia, 1935, 1: 199-212.—Ebbehoj, K. [Lymphogranulomatosis] Hospitalstidende, 1936, 79: 253-74; 20 pl. [Jydsk med. selsk. forh.] 81-7.—Enfermedad de Hodgkin. Día méd., B. Air., 1940, 12: 561.—Ferrannini, L. Linfo-granulomatosis maligna. Minerva med., Tor., 1935, 26: 545-50.—Friedman, L. J. Hodgkin's disease. Radiology, 1939, 33: 354-6.—Frizzera, A. Il linfo-granuloma maligno. Boll. med. trent., 1926, 41: 145; 187.—Gilić, M. [Lymphogranulomatosis] Voj. san. glasnik, 1938, 9: 380.—Gordon, M. H., Gow, A. E., & Rolleston, H. Hodgkin's disease. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 6: 523-36.—Grapiolo, A. C., & Tencioni, J. Linfo-granuloma maligno. Rev. sudamer. endocr., B. Air., 1930, 13: 571.—Gupta, S. P. Hodgkin's disease. J. Ind. M. Ass., 1935-36, 5: 728-31.—Helmreich, E. Das Lymphogranulom. Aerzt. Prax., Wien, 1936, 10: 97-100.—Hercelles, O. Granuloma maligno. Crón. méd., Lima, 1932, 49: 287-95.—Ito, H. [Malignant lymphadenoma] Tokyo iji-shinshi, 1903, No. 1296, Suppl., 5-7.—Jáuregui. Linfo-granulomas. Bol. Soc. cir., B. Aires, 1934, 18: 650-3.—Kahler, H. Ueber Lymphogranulomatose. Aerzt. Prax., Wien, 1934, 8: 207-10. Also Wien. klin. Wschr., 1934, 47: 304-7.—King, D. P. Hodgkin's disease. S. Thomas Hosp. Gaz., Lond., 1937-38, 36: 353-8.—Kovács, K. [Hodgkin's disease] Orvosképzés, 1938, 28: 848-56.—Kruchen, C. Lymphogranulomatose (Hodgkinsche Erkrankung) Zschr. ärzt. Fortbild., 1935, 32: 407-10. Also Zbl. inn. Med., 1933, 54: 929; 945.—Lemaire, A. Le granulome malin. Rev. méd., Louvain, 1927, 49-54.—Letulle, R., & Dutler, L. La lymphogranulomatose maligne ou maladie de Hodgkin. Presse méd., 1937, 45: 1411.—Lignac, G. O. [A few pages out from Julius Cohnheim's work (1865) on the peculiar pathology of malignant granuloma] Ncd. tschr. geneesk., 1935, 79: 4756-63, 2 pl.—Longcope, W. T. Hodgkin's disease. Proc. Interst. Postgrad. M. Ass. N. America, 1938, 294-8.—Lutembacher, R. Lymphogranulomatose, maladie de Hodgkin. Ann. anat. path., Par., 1936, 13: 496-503.—McGrath, J. Hodgkin's disease. Irish J. M. Sc., 1933, ser. 6, No. 96: 643-66, 4 pl.—McIndoo, R. E. Hodgkin's disease. J. Indiana M. Ass., 1933, 26: 520-2.—Martins Pereira, J. J. Doença de Hodgkin. Med. contemp., Lisb., 1931, 49: 341-53.—Maurel, J. L., & Abecasis, Y. L. Granulomatosis maligna. Rev. méd. lat. amer., B. Air., 1936-37, 22: 1116-42.—Müller, H. La linfo-granulomatosis (enfermedad de Hodgkin) Rev. méd. Hamburgo, 1927, 8: 219-22. Also Tungchi med. Mschr., 1927-28, 3: 333-9.—Oppenheimer, B. S., & Rosenthal, N. Hodgkin's disease. J. Mount Sinai Hosp. N. York, 1938-39, 5: 163-5.—Ostrowski [Lymphogranulomatosis] Przegl. dermat., Warsz., 1935, 30: 43.—Puente Duany, N. Compendio práctico de la enfermedad de Hodgkin. Vida nueva, Habana, 1936, 37: 187-263.—Reyn, A. [Lymphogranulomatosis] Hospitalstidende, 1935, 78: [Dansk. dermat. selsk. forh.] 14.—Risqueux, F. A. Sobre linfo-granulomatosis. Gac. méd. Cardenas, 1926, 33: 145-8.—Roussy, G. A propos de la lymphogranulomatose. C. rend. Congr. fr. méd., (1932) 1933, 22, sess., 3-8.—Schilling, V. Die Lymphogranulomatose. Med. Welt, 1937, 11: 167; 199.—Soeharto [Lympho-granulomas] Geneesk. tschr. Ned. Indië, 1936, 76: 1014.—Spizharny, I. K. [Lymphoma

malignum] Med. obozr., Moskva, 1902, 57: 3-11.—Symmers, D. Hodgkin's disease. In Cyclop. Med. (Piersol-Boltz) Phila., 1939, 7: 290-303.—Tamanov, V. Lymphoma malignum. Med. sborn. varshav. uyzad. vocun. hosp., 1904, 17: No. 5, 1-10.—Tamayo Silveira, E. Consideraciones sobre la linfogranulomatosis. Rev. san. mil., Habana, 1940, 4: 78-87.—Utz, L., & Keatinge, L. Hodgkin's disease. Med. J. Australia, 1931, 1: 397; 2: 412. — Hodgkin's disease: a treatise. Ibid., 1932, 1: 521-37. Also repr.—Valdmann, A. I. [On lymphogranulomatosis] Vrach. delo, 1928, 11: 1567-71.—Vasiliu, T., & Goia, I. [Malignant granulomatosis] Cluj med., 1926, 7: 23; 157. Also Ann. anat. path., Par., 1927, 4: 33-61.—Ward, G. E., & Covington, E. E. Hodgkin's disease. Bull. School M. Univ. Maryland, 1937-38, 22: 145-56.—Weiss, A. Hodgkin's disease. Med. Life, 1930, 37: 701-7.—Whitmore, J. S. Hodgkin's disease (acute pseudo-leukemia) West. M. Reporter, 1887, 9: 189.—Wlascics, T. [Sternberg-Paltauf lymphogranulomatosis] Orv. hetil., 1937, 81: 439.—Ziegler, K. Die Lymphogranulomatose, das maligne Granulom; die Hodgkinsche Krankheit. Erg. inn. Med. Kinderh., 1927, 32: 46-82.—Zorraquin, G. Linfogranulomas. Bol. Soc. cir. B. Aires, 1934, 18: 638-48.

Associated diseases.

Bigg, E. Combined Hodgkin's disease and tuberculosis; report of a case. Univ. Hosp. Bull., Ann Arb., 1936, 2: 32.—Blavet di Briga, C. Linfoblastoma maligno, associato a linfogranuloma. Cancro, Tor., 1934, 5: 49-52, pl.—Ceresoli, A. Associazioni e deviazioni neoplastiche nel linfogranuloma. Osp. maggiore, Milano, 1931, 19: 139-48.—Edgren, J. G. [A case of pseudoleukemia complicated with cancer of the esophagus] Hygiea, Stockh., 1909, 2 f., 9: Sven. läk. säll. förh., 17: 27.—Fitchett, M. S., & Weidman, F. D. Generalized torulosis associated with Hodgkin's disease. Arch. Path., Chic., 1934, 18: 225-44.—Haythorn, S. R., Robinson, G. H., & Johnson, L. The report of a case of early Hodgkin's disease secondarily infected with a strain of pathogenic monilia. Ann. Int. M., 1932, 6: 72-81. Also repr.—Herscher, H., & Stein, J. J. Osteopetrosis associated with Hodgkin's disease; review of the literature and report of case. Am. J. Roentg., 1940, 43: 74-80.—Jaffé, R. H. Hodgkin's disease complicated by pyelonephritis. Bull. Chicago M. Soc., 1933, 36: 207.—Klein, S. Ein Fall von Pseudoleukämie nebst Lebercirrhose mit recurrirendem Fieberverlauf. Berl. klin. Wschr., 1890, 27: 712-7.—Kuklová, B. [Lymphogranulomatosis and secondary infection] Bratisl. lek. listy, 1926-27, 6: 160-71. Also Sang. Par., 1930, 4: 35-48.—Laur, C. M. Réticulocytose au cours de la maladie de Hodgkin. C. rend. Soc. biol., 1931, 106: 1147.—Lefèvre de Arric & Corriamont. Zona avec éruption généralisée de type varicelleux chez un malade atteint de lymphogranulomatose. Bruxelles méd., 1933-34, 14: 323.—Lloyd, W. E. Lymphadenoma associated with hypertrophic pulmonary osteoarthropathy and herpes zoster. Proc. R. Soc. M., Lond., 1934, 27: Clin. Sec., 224.—Marcellus, M. B. Hodgkin's disease with herpes zoster and varicella. Northwest M., 1939, 38: 279-82.—Pieri, J., Sardou & Battesti. Coincidence d'un zona et d'une éruption varicelleuse chez un sujet atteint de maladie de Hodgkin; épidémie discrète de varicelle dans la salle. Marseille méd., 1937, 74: pt 2, 222-5.—Prates, M. Sobre alguns casos raros de associação de linfogranulomatose e carcinoma. Arq. pat., 1937, 9: 55-67.—Steiner, P. E. Hodgkin's disease (malignant lymphogranulomatosis) and cirrhosis of the liver. Tr. Chicago Path. Soc., 1932-36, 14: 312. Also Arch. Path., Chic., 1936, 22: 130.—Vecchi, G. Associazione di linfogranuloma con reticoloma maligno. Cancro, Tor., 1934, 5: 45-8, 3 pl.—Waldman, S. Hodgkin's disease in the aged associated with diabetes mellitus. Med. Rec., N. Y., 1940, 152: 292-4.—Wise, N. B. The coexistence of Brucella infection and Hodgkin's disease. J. Bact., Balt., 1940, 39: 75. — & Poston, M. A. The coexistence of brucella infection and Hodgkin's disease. J. Am. M. Ass., 1940, 115: 1976-84.

Bacteriology.

Faure-Beaulieu, M., & Brun, C. Recherches bactériologiques sur la granulomatose maligne; étude morphologique de germes isolés par culture. C. rend. Soc. biol., 1933, 113: 365-7.—Friedemann, U. The pathogenic agent in normal human bone marrow, its nature and relationship to the lymphadenoma agent of Gordon. Brit. M. J., 1934, 1: 517-9.—Gabb, U., & Barbacci, O. Ricerche sull'etiologia della pseudoleucemia; indagini batteriologiche ed osservazioni critiche. Sperimentale, 1892, 46: 407-43.—Garrod, L. P. A comparison of the yeasts cultivated from Hodgkin's disease with similar organisms from other sources; further cultural observations. In Rose Res. Lymphaden., Brist., 1932, 93-106, pl.—Gobbi, L. Su di un germe filamentoso isolato in due casi di granuloma maligno. Boll. Soc. med. chir. Modena, 1926, 27: No. 2, 86-105, 4 pl.—Hamdi, H., & Kämile-Sevki. Résultats des recherches histo-bactériologiques sur la granulomatose maligne. Schweiz. med. Wschr., 1931, 61: 43.—Lacorte, J. G. Maladie de Hodgkins et corynebactéries. C. rend. Soc. biol., 1929, 101: 946-8. Also Mem. Inst. Oswaldo Cruz, 1929, 22: Suppl., No. 6, 51.—Majocchi, D., & Picchini, L. Osservazioni cliniche e ricerche micropatologiche intorno alla patogenesi della malattia di Hodgkin. Gior. internaz. sc. med., 1886, 8: 177-215.—Poston, M. A. Isolation of Brucella melitensis from lymph nodes showing the histopathologic picture of Hodgkin's dis-

ease. J. Bact., Balt., 1940, 39: 75.—Sabatelli, F. Linfogranulomatosi maligna e infezione concomitante da Diplococcus crassus. Minerva med., Tor., 1934, 25: 542-7.—Sabrazès, J., Le Chuiton, F., & Laporte, R. Bacilles acid-alcool-résistants isolés de lymphogranulomatose maligne; cultures, inoculation, aspects histologiques. C. rend. Soc. biol., 1934, 117: 379-82.—Steiner, P. E. Experiments with the Gordon encephalitogenic agent in the study of Hodgkin's disease. Proc. Inst. M. Chicago, 1938, 12: 138.—Swaney, H. C. Bacteriologic studies in lymphogranulomatosis. Tr. Chicago Path. Soc., 1928, 13: 66.—Turpin, R., & Brun, C. Etude bactériologique, ganglionnaire et sanguine d'un cas de granulomatose maligne. C. rend. Soc. biol., 1933, 114: 628-30.—White, W. C., & Pröschner, F. Spirochetes in acute lymphatic leukemia and in chronic benign lymphomatosis (Hodgkin's disease) J. Am. M. Ass., 1907, 49: 1115.

Blood picture.

See also subheading Hematopoietic system.

CHESSEBEUF, L. *Sur un cas de maladie de Hodgkin avec éosinophilie sanguine particulièrement accentuée. 39p. 24cm. Par., 1939.

ENNUYER, A. *L'hématologie de la maladie de Hodgkin. 104p. 8° Par., 1935.

LORENZ, F. [P.] *Das Blutbild bei Lymphogranulomatose [Leipzig] 32p. 8° Zeulenroda i. Thür., 1933.

Aubertin, C. Le sang dans la lymphogranulomatose maligne. Paris méd., 1927, 63: 30-3. — & Pergola, A. Maladie de Hodgkin avec forte éosinophilie et évolution rapide. Bull. Soc. méd. hôp. Paris, 1936, 3, ser., 52: 1214-9.—Belgrano, C. R., & Accialini, D. Granulomatosis con leucopenia. Dia méd., B. Air., 1935, 7: 1341.—Boidin, L., Worms, R., & Davoineau. Lymphomatose typique subléucémique à évolution maligne. Bull. Soc. méd. hôp. Paris, 1928, 3, ser., 52: 1330-6.—Bonanno, M. Un caso di linfogranulomatosi accompagnato da elevata eosinofilia. Policlinico, 1926, 33: sez. prat., 1008-14.—Bortolozzi, M. Del quadro ematologico nel linfogranuloma. Rinasc. med., 1936, 13: 191.—Boyer, S., jr. Hodgkin's disease with leukopenia. J. Am. M. Ass., 1937, 108: 876-9.—Bracaloni, E. Sul reperto morfologico del sangue nel granuloma maligno. Riv. clin. med., 1929, 30: 283; 340, 2 ch.—Cohurn, D. F., & Pritchard, J. E. A case of Hodgkin's disease with marked eosinophilia. Canad. M. Ass. J., 1934, 30: 503-7.—Cullinan, E. R. Haematological observations on rabbits and guinea-pigs with special reference to the effect of injections of barber yeast. In Rose Res. Lymphaden., Brist., 1932, 107-14, pl.—Dimmel, H. Ueber Blutbefunde bei Lymphogranulom. Wien. Arch. inn. Med., 1926, 13: 283-94.—Donati, A. Istiociti nel sangue circolante, loro significato e valore diagnostico in varie affezioni del S. R. I., specialmente nella linfogranulomatosi maligna, morbo di Hodgkin. Arch. Ist. biochim. ital., 1938, 10: 55-64, pl.—Falconer, E. H. The blood picture in Hodgkin's disease. California West. M., 1930, 32: 83-7.—Gebauer, A. Blutbildveränderungen bei Lymphogranulomatose. Deut. Arch. klin. Med., 1939-40, 185: 273-93.—Geigel, R. Verhalten der rothen Blutkörperchen bei der Pseudoleukämie. Ges. klin. Arb., Jena, 1890, 353-6.—Goia, I. [Blood in malignant lymphogranulomatosis] Cluj med., 1932, 13: 533-40. Also C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 55-8. Also Sang. Par., 1933, 7: 354-70.—Goldhorn, L. B. Demonstration of blood smears from a case of pseudo-leukemia. Proc. N. York Path. Soc., 1903-4, 3: 48-51.—Holzknecht, K. Ueber Eosinophilie bei Lymphogranulomatose. Münch. med. Wschr., 1932, 79: 295.—Klima, R. Ueber Blutbefunde bei Lymphogranulomatose. Wien. klin. Wschr., 1931, 44: 445.—Kneip, J. Blutbild und Temperatur bei der Lymphogranulomatose. Fol. haemat., Lpz., 1933-34, 51: 309-15.—Major, R. H., & Leger, L. H. Marked eosinophilia in Hodgkin's disease. J. Am. M. Ass., 1939, 112: 3601.—Marchal, G., Soulié, P., & Grupper, C. La monocytose dans la maladie de Hodgkin. Sang. Par., 1935, 9: 322-8.—Merklen, P. Lymphogranulomatose sans les altérations sanguines classiques. Presse méd., 1936, 44: 201.—Miller, H. R. The occurrence of leukopenia in Hodgkin's disease, lymphogranuloma. Am. J. M. Sc., 1927, 173: 490-502, pl.—Montes, F. V. Ueber die hämatologische Diagnose der Lymphogranulomatose (Hodgkinsche Krankheit) Münch. med. Wschr., 1939, 86: 255-8.—Parenti, P. Sul reperto morfologico del sangue nel granuloma maligno, granuloma t. b. c. e. linfosarcoma di Kundrat-Paltauf. Riv. clin. med., 1934, 35: 69-82, ch.—Roth, G. M., & Watkins, C. H. The leukocyte picture in Hodgkin's disease. Collect. Papers Mayo Clin., 1935, 27: 657. Also Ann. Int. M., 1935-36, 9: 1365-72. Also Proc. Mayo Clin., 1936, 11: 593-7.—Sanguinetti, E. Eosinophilia in a case of acute Hodgkin's disease. West London M. J., 1929, 34: 96.—Sears, W. G. The blood in Hodgkin's disease, with special reference to eosinophilia. Guy's Hosp. Rep., Lond., 1932, 82: 40-54.—Stewart, S. G. Eosinophilic hyperleukocytosis in Hodgkin's disease with familial diathesis. Arch. Int. M., 1929, 44: 772-83. Also repr.—Straube, G. Ueber das Blutbild der Lymphogranulomatose. Fol. haemat., Lpz., 1931, 44: 125-36.—Turner, J. C., Jackson, H., jr., & Parker, F., jr. The etiologic relation of the eosinophil to the Gordon phenomenon in Hodgkin's disease. Am. J. M. Sc., 1938, 195: 27-32.—Weber, F. P. Eosinophilia in lympho-

granulomatosis maligna (Hodgkin's disease) and in some other lymphatic glandular enlargements, etc. Med. Press & Circ., Lond., 1927, n. ser., 124: 152.

— Bone and joint.

HEIDER, K. *Die Beteiligung des Knochen-systems bei der Lymphogranulomatose. 30p. 8°. Bresl., 1938.

KIMPEL, J. *Localisations osseuses au cours de la granulomatose maligne (maladie de Hodgkin-Sternberg) 141p. 8°. Par., 1927.

LETTERER, E. Ueber eine xanthöse Lymphogranulomatose mit besonderer Beteiligung des Skeletts. 34p. 8°. Jena, 1934.

RYMANN, S. *Ueber die lymphogranulomatose der Knochen. 29p. 8°. Zür., 1929.

SOMMERKAMP, O. *Ueber die Bedeutung der Lymphogranulomatose für die Zahnheilkunde unter besonderer Berücksichtigung eines Falles [Münster] 15p. 8°. Quakenbrück, 1937.

UEHLINGER, E. *Ueber Knochen-Lymphogranulomatose. p.36-118. 8°. Berl., 1933.

Also Virchows Arch., 1933, 288:

Abrams, H. S. The osseous system in Hodgkin's disease. Ann. Surg., 1938, 108: 296-304.—Armado Sciuto, J., & Piaggio Bianco, R. O. Localización humeral en un caso de linfograno-matosis maligna. Día méd. urug., 1934, 2: 330.

Arnell, S. Hodgkin's disease with bone destruction; 2 cases. Acta radiol., Stockh., 1927, 8: 259-62, pl.—Beitzke, H. Lymphogranulom der Knochen und Gelenke. In Handb. spez. path. Anat. Histol. (Lubarsch & Henke) 1934, 9: pt 2, 568-88.

Belot, J., Nahan, L., & Kimpel, J. Localisations osseuses au cours de la granulomatose maligne. J. radiol. électr., 1928, 12: 257-63.—Billant, Deux cas de maladie de Hodgkin avec lésions vertébrales. Bull. Soc. électroradiol. méd. France, 1939, 27: 615-8.—Blasi, R. Localizzazioni ossee nella linfograno-matosis maligna. Riforma med., 1933, 49: 1688-97.

Bodechtel, G., & Guizetti, H. U. Die Veränderungen der Wirbelsäule bei der Lymphogranulomatose und ihre Beziehungen zu neurologischen Symptomen. Zschr. ges. Neur. Psychiat., 1933-34, 149: 191-9.—Brandt, M. Beitrag zur metastatischen Knochenlymphogranulomatose. Frankf. Zschr. Path., 1933-34, 46: 508-12.—Camplani, M. Un caso di spondilopatia in corso di linfograno-matoma di Sternberg. Radiol. med., Milano, 1938, 25: 391-8.—Conti, A. Linfograno-matoma vertebrale. Rinasc. med., 1929, 6: 503-6, pl.—Dresser, R. Lymphoblastoma (Hodgkin's disease) of the sternum. Am. J. Roentg., 1926, n. ser., 15: 525-9. Also Strahlentherapie, 1931, 41: 401-16.

— & Spencer, J. Hodgkin's disease and allied conditions of bone. Am. J. Roentg., 1936, 36: 809-15.—Farina, S. Linfograno-matosis osteoperiosteica (sternale) e cutanea. Gior. ital. derm. sit., 1926, 67: 737-40, pl.—Fine Licht, E. de [Case of lymphogranulomatosis of bones] Hospitalstidende, 1931, 74: [Dansk Radiol. Selsk. Forh.] 53-6.

Floyd, M. L. Malignant lymphoma with arthritic symptoms. J. Iowa M. Soc., 1937, 27: 71.—Fonts Abreu, E. Un caso de Hodgkin de punto de partida periosteico. Cir. ortop. traumat. Habana, 1937, 5: 277-80.—Friedrich, H. Ueber Lymphogranulomatose (Hodgkin) des Knochens. Fortsch. Röntgenstrahl., 1930, 41: 206-11.—Gage, H. C. Hodgkin's disease in bone. Brit. J. Radiol., 1923, 6: 297-9, pl.—Grauer, J. Ein Beitrag zur Lymphogranulomatose des Knochens. Röntgenpraxis, 1939, 11: 623-6.—Graver, L. F., & Copeland, M. M. Changes in the bone in Hodgkin's granuloma. Arch. Surg., 1924, 28: 1062-86.—Grudzinski, Z. Lymphogranulome vertébral. J. radiol. électr., 1928, 12: 269-74.—Gunsett, Siehel [et al.] Quelques cas de métastases osseuses de lymphogranulomatose. Bull. Soc. radiol. méd. France, 1934, 22: 519-22.—Haberler, G. Lymphogranulomatose und Knochen-system. Zschr. orthop. Chir., 1932, 57: 483-99.—Hare, D. C., Lepper, E. H., & Weber, F. P. Two cases of lymphogranulomatosis maligna, one with involvement of the vertebral periosteum. Lancet, Lond., 1932, 1: 334-7.—Heider, K. Ueber Knochenlymphogranulomatose mit besonderer Berücksichtigung der primären Erscheinungsform. Zschr. klin. Med., 1939, 136: 240-57.—Hodgkin's disease of bone. Med. J. Australia, 1936, 2: 124.—Hollmann, W. Lymphogranulomatose des Wirbelkanals. Zbl. Chir., 1937, 64: 345-52.—Hultén, O. Ein Fall von Ellenbeinwirbel bei Lymphogranulomatose. Acta radiol., Stockh., 1927, 8: 245-51, 2 pl.—Kremser, K. Ueber Veränderungen an Knochen bei der Hodgkinschen Krankheit. Röntgenpraxis, 1930, 2: 998-1002.—Ledoux-Lebard, R., Marchand, J. H., & Lefebvre, J. Localisation primitivement osseuse d'une lymphogranulomatose maligne. Bull. Soc. électroradiol. méd. France, 1939, 27: 150-3.—Lieberman, H. S. Hodgkin's disease of the bones. J. Bone Surg., 1938, 20: 1039-44.—Livingston, S. K. Hodgkin's disease of the skeleton without glandular involvement; a case report proved by autopsy. Ibid., 1935, 17: 189-94.—Lombias, J., & Tobias, J. W. Aspecto radiográfico de la granulomatosis vertebral (con estudio anatómico) Prensa méd. argent., 1928-29, 15: 1245-54.—Lockwood, I. H., Johnson, E. T., & Narr, F. C. Hodgkin's disease, with bone and skeletal muscle

involvement. Radiology, 1930, 14: 445-53.—Lortat-Jacob, Belot & Naban. Deux cas de localisation sternale de la granulomatose maligne. Bull. Soc. méd. hôp. Paris, 1927, 3, ser., 51: 681-7.—Marziani, R. Sulle localizzazioni osteo-periosteiche del linfograno-matoma maligno. Arch. ital. anat. pat., 1930, 1: 31-54.—Montgomery, A. H. Hodgkin's disease of bones. Tr. West. Surg. Ass. (1927) 1928, 37: 409-23. Also Ann. Surg., 1928, 87: 755-66.—Morrison, M. C. Hodgkin's disease of bone. Canad. M. Ass. J., 1936, 34: 393-6.—Oberdahlhoff, Lymphogranulomatose der Knochen. Röntgenpraxis, 1938, 10: 694.—Olmer, J., & Lena, D. Les localisations sternales de la lymphogranulomatose maligne. Marseille méd., 1933, 70: 368-74.—Pellé & Massot. Un cas de granulomatose maligne à détermination vertébrale primitive; forme pseudo-potique de la maladie de Hodgkin. Bull. Soc. méd. hôp. Paris, 1939, 3, ser., 55: 372-8.—Reisner, A., & Brada, H. Lymphogranulomatose der Knochen. Röntgenpraxis, 1933, 5: 182-7.—Rosh, R. Vertebral involvement in Hodgkin's disease; report of 3 cases. Radiology, 1936, 26: 454-8.—Rotta, C. Su un caso di localizzazione scapolare del linfograno-matoma maligno. Cancro, Tor., 1933, 4: 54-61, pl.—Santagati, F. Localizzazioni ossee del linfograno-matoma maligno. Radiol. med., Milano, 1939, 25: 711-22.—Satanowsky, S., & Ortiz Luna, T. A. Granulomatosis maligna con localizaciones óseas. Arch. argent. pediat., 1937, 8: 263-74.—Saupe, E. Ueber Knochen-veränderungen bei Lymphogranulomatose. Röntgenpraxis, 1930, 2: 397-401.—Scheneck, S. G. Hodgkin's disease with bone manifestations. N. York State J. M., 1937, 37: 27-37.—Schinz, H. R. Knochenlymphogranulomatose im Röntgen-bilde. Verh. Deut. Röntg. Ges., 1933, 26: 31-3.—Spencer, J., & Dresser, R. Lymphoblastoma (Hodgkin's and sarcoma type) of bone; with a report of 3 cases simulating primary malignant tumor of bone. N. England J. M., 1936, 214: 877-9.—Stäudtner, F. Lymphogranulomatose in der Wirbelsäule. Deut. med. Wschr., 1933, 59: 1564-6.—Tobias, J. W. Linfograno-matoma vertebral. Sem. méd., B. Air., 1929, 36: 493-5.—Váradí, S. L'infiltration lympho-granulomateuse du sternum; sur un cas de maladie de Hodgkin diagnostiqué par ponction sternale. Sang. Par., 1938, 12: 106-10.—Vesin, V. [Roentgen diagnosis of lymphogranulomatosis of the bones] Cas. lék. česk., 1934, 73: 797-801.—Voris, H. C., & Dresner, M. H. Hodgkin's disease of the spine, with paraplegia complicated by pregnancy. Arch. Neur. Psychiat., Chic., 1938, 40: 399-401.—Wegemer, E. Ueber die Lymphogranulomatose der Wirbelsäule. Virchows Arch., 1933, 289: 386-94.

— Cardiovascular system.

Costa, A. Colangiopatia linfograno-matosa diffusa itterogena e linfograno-matoma poliposo della vena cava inferiore. Riv. clin. med., 1936, 37: 601-25.—Dalous, Fabre, J., & Pons, H. Un cas de pancardite hodgkinienne. Arch. mal. cœur, 1936, 29: 89-108.—Dell'Aquila, G. Ueber die Erkrankung der kleinen Gefäße bei der Lymphogranulomatose. Wien. med. Wschr., 1928, 79: 431.—Graber, V. C. Paroxysms of tachycardia occurring in a case of Hodgkin's disease in which the vagus nerves were degenerated by the pressure of enlarged mediastinal glands. Am. Heart. J., 1925-26, 1: 564-8.—Harrell, G. T. Hodgkin's disease with invasion of pericardium and gallbladder; review of the literature and report of a case with autopsy. Arch. Path., Chic., 1939, 28: 58-64.—Le Gendre, P. Lymphadénomes à évolution rapide ayant pu faire soupçonner un abcès du foie; artérite téno-sante de l'aorte et du tronc brachio-céphalique avec dilatation excessive des artères coronaires (peut-être de nature palustre) Bull. Soc. méd. hôp. Paris, 1901, 3, ser., 18: 1177-80.—Martinez Baez, M. Sobre algunas de las manifestaciones viscerales de la enfermedad de Hodgkin. Arch. lat. amer. card., Méx., 1932-33, 3: 1-24.—Onufrio, O. Cisti dell'endocardio in un caso di morbo di Hodgkin a decorso atipico, neoplastiforme. Fol. med., Nap., 1938, 24: 1132-48, 2 pl.—Ritvo, M. Hodgkin's disease; report of a case with unusual longevity and invasion of the heart and pericardium. N. England J. M., 1940, 223: 891-5.—Samek, E. Endoflebite linfograno-matosa della cava inferiore, con reperto di bacilli acido-resistenti; contributo alle lesioni dei vasi nella granulomatosis maligna di Sternberg. Minerva med., Tor., 1938, 29: 413-6. Also Engl. transl., 5, 1938.

— Cases.

HOLLBORN, R. *Statistische Uebersicht über die an der Medizinischen Universitätsklinik zu Leipzig in den Jahren 1910 bis 1927 beobachteten Fälle von Lymphogranulomatose [Leipzig] 84p. 8°. [Zeulenroda] 1928.

LOEB, H. *Ueber einen Fall von Lymphogranulomatose [Berlin] 16p. 8°. [Cassel] 1926.

LU, F. Y. *Drei bemerkenswerte Fälle von Lymphogranuloma [München] 26p. 8°. Bornalpz., 1929.

SEREBRENNIKOFF, D. *Ueber die Häufigkeit, Lokalisation und Ausgangsorte der Lymphomatosis granulomatosa nach den in den letzten 5 Jahren (1923-1927) am Pathologischen Institut

der Universität Marburg beobachteten Fällen mit besonderer Berücksichtigung der Tonsillen [Marburg] 36p. 8° Marb., 1928.

- Adam, H. Ein Fall von malignem Lymphome. *Jahrb. Hamb. Staatskrankenanst.* (1897-98) 1900, 6: 298-312, pl. Also repr.—Aldereguia, G., Puente Duany, N., & Viamonte, M. Consideraciones sobre un caso de linfogranulomatosis. *Rev. med. cir. Habana*, 1929, 34: 708-26.—Assmann, Lymphogranulomatose. *Klin. Wschr.*, 1927, 6: 141.—Bagley, R. O. Lymphosarcoma and Hodgkin's disease, 2 case reports. *Pacific Coast M.*, 1940, 7: 35.—Baker, C., & Mann, W. N. Hodgkin's disease; a study of 65 cases. *Guy's Hosp. Rep.*, Lond., 1939, 89: 83-107.—Barberi, S. Sopra un caso di linfadenosi cronica; osservazioni e ricerche. *Pediatrics (Riv.)* 1927, 35: 758-70.—Beaver, D. C., & Johnson, W. R. A probable unusual case of Hodgkin's disease. *J. Lab. Clin. M.*, 1934, 19: 625-33.—Bonnin & Trillot. A propos de quelques cas de maladie de Hodgkin. *Arch. méd. chir. province*, 1928, 18: 50-9.—Burrell. A case of Hodgkin's disease. *Brompton Hosp. Rep.*, Lond., 1934, 3: 162.—Cardenal y Puchols, L. Un caso de pseudo-leucemia o adenía. *C. rend. Congr. internat. méd.* (1903) 1904, 14. Congr. sect. chir. gén., 544-53.—Carmona, L. Rilevi e considerazioni sopra due casi di morbo di Hodgkin. *Arch. sc. med.*, Tor., 1928, 52: 1-14.—Carrière, G., & Huriez, C. Une observation de lymphomatoses. *Echo méd. nord*, 1939, 3, sér., 10: 445-7.—Chizhina, L. B. [Cases of malignant lymphogranulomatosis] *Odessa, med. J.*, 1926, 1: 31-7.—Crocq, J. Note sur un nouveau cas de pseudo-leucémie ou adénie. *J. méd. chir. pharm.*, Brux., 1891, 92: 746-57.—Curuz, C. Un caso interessante di linfogranulomatosi (contributo allo studio dell'etiologia e cura del m. di Hodgkin) *Rass. internaz. clin. ter.*, 1930, 11: 188-96.—Dalla Torre, G. Considerazioni su di un caso di granuloma maligno. *Haematologica*, Pavia, 1930, 11: 41-50, pl.—De Bernardinis, V. Un raro caso di granuloma maligno. *Gior. med. mil.*, 1932, 80: 682-93, 3 pl.—Denéchau, D., & Mousseau, L. Lymphogranulomatose maligne ou maladie de Hodgkin-Sternberg; à propos de 6 cas inédits. *Arch. méd. chir. province*, 1926, 16: 48-59.—Dickinson, T. V., & Lwow, H. A case of malignant lymphadenitis, with some remarks on leukemic diseases in general. *Lancet*, Lond., 1927, 2: 489-92.—Dominguez, C., & Bizzozero, R. C. Consideraciones sobre un caso de granuloma maligno. *Rev. méd. lat. amer.*, B. Air., 1928-29, 14: 744-50.—Fiessinger, N., Gaultier, M., & Laur, C. M. Sarcomatose lymphatique avec généralisation sanguine; maladie de Sternberg. *Ann. méd.*, Par., 1937, 42: 497-509.—Fisher, J. A. Three cases of Hodgkin's disease. *Ulster M. J.*, 1934, 3: 199, 2 pl.—Fleming, C. M. Hodgkin's disease; an unusual case. *Glasgow M. J.*, 1933, 119: 13-7.—Flournoy, T. An unusual case of generalized tumor of the lymph nodes. *Proc. N. York Path. Soc.*, 1907-8, 7: 45-54.—Ginestet, G., & Roy. Un cas de maladie de Hodgkin. *Rev. stomat.*, Par., 1939, 41: 388.—Goia, I. Considerations sur 4 cas de lymphogranulomatose maligne localisée. *C. rend. Congr. fr. méd.* (1932) 1933, 22. sess., 59-67.—Goldman, L. B. Hodgkin's disease; an analysis of 212 cases. *J. Am. M. Ass.*, 1940, 114: 1611-6.—Grapiolo, A. C., & Tenconi, J. Linfogranuloma maligno. *Rev. sudamer. endocr.*, B. Air., 1930, 13: 733-83.—Grün, G. [Case of lymphogranuloma] *Budapesti orv. ujs.*, 1937, 35: 818-20.—Habützel, C. Beitrag zur Kasuistik des Lymphogranuloms. *Schweiz. med. Wschr.*, 1933, 63: 593.—Hijmans van den Bergh, A. A. [Case of malignant granuloma] *Ned. tsschr. geneesk.*, 1936, 80: 4425-30, pl.—Hocker, A. F. An unusual case of Hodgkin's disease. *Surg. Clin. N. America*, 1933, 13: 457-9.—Hofman, M. [Case history of lymphogranuloma (Hodgkin's disease)] *Vrach. gaz.*, 1928, 32: 115-8.—Hudelo, Cailliau [et al.] Etude clinique et histologique de 5 cas de lymphogranulomatose de Hodgkin. *P. verb. Congr. derm. syph. fr.* (1923) 1925, 2. congr., 767-75.—Jacobaeus, H. C. [A case of Sternberg's granuloma] *Hygiea*, Stockh., 1919, 81: 27-40.—Joly & Roguet. Un cas de lymphogranulomatose maligne ou maladie de Hodgkin. *Arch. méd. chir. province*, 1926, 16: 217.—Kiess. [Lymphogranulomatose] *Klin. Wschr.*, 1927, 6: 189.—Knock, H. H. von. Beitrag zur Lymphogranulomatose. *Prakt. Arzt*, 1928, n. F., 13: 335; 363; 390.—Krtička, F. [Cases of Hodgkin's disease] *Voj. zdrav. listy*, 1934, 10: 196-207.—Kruger, F. J., & Meyer, O. O. Lymphogranulomatosis (Hodgkin's disease) a review of 60 cases. *J. Lab. Clin. M.*, 1935-36, 21: 682-9.—Lasserre, C., & Poirier. Deux cas de lymphogranulomatose. *Bordeaux chir.*, 1931, 2: 378.—Létoile, M., Trémolières, F., & Moussour, J. Sur un cas de maladie de Hodgkin. *Bull. Soc. méd. hôp.*, Paris, 1928, 3. sér., 52: 1372-80.—Levitt, A., & Weisman, S. J. Hodgkin's disease; case series analysis. *Med. Times*, N. Y., 1940, 68: 315-8.—Linsner, K., & Geipel. Ein Beitrag zur Lymphogranulomatose. *Arch. Derm. Syph.*, Berl., 1931, 164: 47-60.—Luse, H. D., & Grave, F. Malignancy (sarcomatosis) in Hodgkin's disease; report of 2 cases. *U. S. Veterans Bur. M. Bull.*, 1930, 6: 347-53, 4 pl.—Magalhães, A., & de Andrade, G. Doença de Hodgkin (um caso com comprovação necropsópica). *J. clin.*, Rio, 1934, 15: 331-7.—Matuszek, E. [Case of malignant granulomatosis] *Polski przegl. radjol.*, 1938, 13: 182.—Mills, E. S., & Pritchard, J. E. The clinical and pathological features of a series of 20 cases of Hodgkin's disease. *Canad. M. Ass. J.*, 1935, 33: 50-8.—Mogenis, K. [Case of Hodgkin's disease] *Medicina*, Kaunas, 1936, 17: 110-8.—Molina, L. Otto casi di granuloma maligno. *Boll. Soc. med. chir.*, Pavia, 1933, 47: 231-42, 2 pl.—Morin, J. E. Lymphogranulome malin. *Bull. méd.*, Québec, 1929, 30: 477-88.—Oddo, C., & Zuccarelli, J. Sur un cas de syndrome de Hodgkin. *Marseille méd.*, 1925, 62: 1441-6.—Onishi, Y. Ueber einen Fall von Hodgkinscher Krankheit. *Mitt. Med. Akad. Kioto*, 1940, 29: 624-6.—Paradiso, F. Su un caso di linfogranulomatosis maligna. *Pediatr. (Riv.)*, 1933, 41: 407-24.—Paroulek, J. [Six cases of lymphogranuloma; semiology] *Cas. lék. česk.*, 1927, 66: 249-54; 304-13.—Petrov, V. N. [A case of Sternberg-Paltau lymphogranulomatosis] *Vrach. delo*, 1928, 11: 1571-4.—Pezza, E. Due casi di granuloma maligno. *Rinasc. med.*, 1934, 11: 266-8, pl.—Piaggio-Blanco, R. A., & Paseyro, P. Linfomatosis generalizada a evolución maligna. *Arch. urug. med.*, 1939, 15: 477-84.—Poinso, R., Zuccoli, G., & Recordier, M. Trois nouveaux cas de lymphogranulomatose maligne sans pruit et sans éosinophilie. *Sang. Par.*, 1929, 3: 550-4.—Raagaard, O. [19 cases of lymphogranulomatosis (Sternberg)] *Ugeskr. laeger*, 1936, 98: 759-65.—Rordorf, R. Osservazioni su nove casi di granuloma maligno. *Gior. ital. mal. esot.*, 1930, 3: 234; 272; 301; 328.—Sauberg, G. Ein Fall von malignem Lymphom. *Mitt. Tübing. Poliklin.*, 1886, H. 1, 26-44.—Scheffelaar Klotz, P. Een geval van lymphoma malignum. *Med. wbl.*, Amst., 1903-4, 10: 297-9.—Schupfer, F. Sopra un caso di linfogranuloma maligno. *Riv. clin. med.*, 1930, 31: 603-21, 2 pl.—Schwartz, G. A propos de quelques cas de lymphogranulome malin (maladie de Hodgkin) *Strasbourg méd.*, 1926, 84: pt 2, 373-7.—Sonone, K. Ueber einen Fall von Lymphogranulomatose. *Sei i kwai*, 1926, 45: No. 4, 9.—Speransky, S. I. [Clinical cases of lymphogranulomatosis] *Vrach. gaz.*, 1929, 33: 2053-6.—Stănculescu, S., Paraschivescu, M., & Vasilescu. Considerațiuni asupra unui caz de granulomatosa maligna (linfogranulomatosa sau boala lui Hodgkin-Paltau-Sternberg) *Rev. san. mil.*, Bucur., 1928, 27: 233-44.—Ter-Grigorova, E. N. [Cases of lymphogranulomatosis] *J. teor. prakt. med.*, 1926, 2: 213-22.—Tordus, E. Un cas de pseudo-leucémie ou maladie d'Hodgkin. *Clinique*, Brux., 1890, 4: 209-12.—Trocme, P. A propos de quelques cas de maladie de Hodgkin ou lymphogranulomatose maligne. *J. méd.*, Paris, 1935, 55: 480-3.—Williams, H. A case of Hodgkin's disease. *Boston M. & S. J.*, 1887, 116: 420.—Williams, J. E., & Oliver, T. M. Hodgkin's disease; report of a series of 11 cases. *Texas J. M.*, 1936-37, 32: 486-92.—Yodh, B. B., & Joglekar, S. R. An unusual case of lymphogranuloma with generalized metastases. *Lancet*, Lond., 1928, 2: 121.

Clinical aspect.

GASSMANN, F. K. *Beiträge zur Klinik der Lymphogranulomatose [Breslau] vi, 14p. 8° Reichenbach, 1927.

KANELLOPOULOS, A. *Lymphogranulomatose mit klinischem Verlauf und Symptomatologie [Leipzig] 34p. 8° Halle (Saale) 1928.

SCHULTHESS, E. *Ueber Pseudoleukaemie nach Erfahrungen auf der Zürcher medicinischen Klinik. 40p. 8° Zür., 1892.

- Adlercreutz, E. [Study of the clinical aspect of lymphogranulomatosis] *Fin. läk. säll. hand.*, 1934, 76: 587-680.—Bonzani, G. Contributo clinico allo studio della polilinfomatosi fibro-epitelioide. *Boll. soc. med. chir. Pavia*, 1909, 23: 452-8. Also *Arch. internat. chir.*, Gand, 1908-9, 4: 547-76.—Bottaliga, M. Considerazioni cliniche su sei casi di granulomatosis maligna. *Haematologica*, Pavia, 1934, 15: 701-23.—Catel, W. Beitrag zur Klinik der Lymphogranulomatosis. *Mscr. Kinderh.*, 1927, 36: 337-40.—Conybeare, E. T. Some features of Hodgkin's disease. *Guy's Hosp. Rep.*, Lond., 1933, 83: 53-62.—Cooke, R. G. Hodgkin's disease with unusual onset. *Brit. M. J.*, 1931, 1: 308.—D'Arbela, F., & Bracaloni, E. Studi sul linfogranuloma maligno (studio clinico e anatomo-patologico) *Riv. clin. med.*, 1930, 31: 129; 273, 8 pl., 5 ch., tab.—Frates, A., & Galli, E. Contributo clinico allo studio del linfogranuloma maligno. *Clin. med. ital.*, 1930, 61: 471-500.—Ginsburg, S. Lymphosarcoma and Hodgkin's disease: clinical characteristics. *Ann. Int. M.*, 1936-37, 10: 337-72.—Gobbi, L. Sul linfogranuloma maligno; contributo clinico, anatomopatologico, eziologico, sperimentale. *Arch. ital. chir.*, 1927, 17: 121-220.—Goormaghtigh, N. Considérations sur le cadre nosographique de la lymphogranulomatose. *Cancer*, Brux., 1932, 9: 262-71.—Gorecki, Z. [Clinical aspect and treatment of malignant granuloma] *Polsk. arch. med. wewn.*, 1935, 13: 35-70.—Guasch, J. Contribución al estudio clínico de la linfogranulomatosis. *Arch. med.*, Madr., 1928, 28: 619-22. Also *Rev. méd.*, Barcelona, 1929, 11: 9-13.—Herman, E., & Zeldowicz, H. [Malignant granulomatosis with unusual course] *Neur. polska*, 1937, 20: 147.—Herz, A. Klinische Beobachtungen bei der Lymphogranulomatose. *Wien. Arch. inn. Med.*, 1933-34, 24: 427-54.—Horder, T. A clinical concept of lymphadenoma or Hodgkin's disease. In *Rose Res. Lymphaden.*, Brist., 1932, 1-6.—Kenz, W. Ueber Lymphogranulomatose. *Fol. otolar. orient.*, 1935, 2: 148-51.—Koeber, H. Beobachtungen über Lymphogranulomatose. *Med. Klin.*, Berl., 1932, 28: 1179.—Levin, I., Joseph, B., & Norman, A. Malignant lymphoma (Hodgkin's) and lymphosarcoma; a clinical study. *Arch. Clin. Cancer Res.*, 1929, 4: 31-106.—Lifshitz, S. I. [Clinical aspect of lymphogranulomatosis] *Sovet. vrach.*, J., 1936, 1: 349-55.—Lushchitsky, V. O. [New data on the clinical aspect and causes of lymphogranulomatosis] *Sovet. klin.*, 1934, 20: 677-84.—Manca, S. Rilevi clinici sul linfogranuloma

maligno. *Minerva med.*, Tor., 1939, 30: pt 2, 300-6.—**Middleton, W. S.** Some clinical caprices of Hodgkin's disease. *Ann. Int. M.*, 1937-38, 11: 448-68.—**Nasso, I.** Contributo anatomico-clinico allo studio del granuloma di Hodgkin-Sternberg. *Rinasc. med.*, 1925, 2: 491-4, pl.—**Nicastro, G.** Il granuloma maligno. *Gazz. osp.*, 1928, 49: 1180-7.—**Nicolão, J., & Povoas, H.** Linfogranulomatoso maligna. *Arch. brasil. med.*, 1932, 22: 25, 3 pl.; 118.—**Saloz & Mach.** La granulomatoso maligne; étude critique de ses caractères anatomo-cliniques. *C. rend. Congr. fr. méd.* (1932) 1933, 22. sess., 24-30.—**Schiller, W.** Clinical pathologic conference of the Cook county hospital; Hodgkin's disease. *Internat. Clin.*, 1939, n. ser., 2, 4: 224-7, 2 pl.—**Thomson, W. W. D.** Clinical aspects of Hodgkin's disease. *Ulster M. J.*, 1935, 4: 69-75.—**Todea, C.** [Case of malignant lymphogranulomatosis with an unusually long evolution] *Cluj. med.*, 1938, 19: 428.—**Worster-Drought, C., & Hill, T. R.** Hodgkin's disease. *Proc. R. Soc. M., Lond.*, 1930-31, 24: Sect. Clin., 24.

— Diagnosis.

HILLE, J. *Beobachtungen über Frühdiagnose und Prognose der Lymphogranulomatose. 16p. 8°. Lpz., 1935.

Bardachi, F., & Sekeles, W. Zur Diagnosestellung und Behandlung der Lymphogranulomatose. *Med. Klin., Berl.*, 1934, 30: 1689-92.—**Calvert, E. G. B., & Sanguinetti, H. H.** A case of neoplastic disease belonging to the Hodgkin group. *Lancet, Lond.*, 1934, 2: 1444.—**Capponago, L.** La diagnosi clinica del linfogranuloma maligno negli stadi iniziali. *Pensiero med.*, 1926, 15: 1-3.—**Fuchs, E.** Zur Diagnostik der Lymphogranulomatose. *Derm. Wschr.*, 1932, 95: 1329.—**Glück, Ein.** Fall zur Diagnose. *Beut. dermat. Ges.* (1903) 1904, 8. Kongr., 59-64.—**Hekman, J.** [A case of uncertain diagnosis: abdominal lymphatic granuloma] *Ned. tsschr. geneesk.*, 1924, 68: pt 2, 958.—**Higley, C. S., & Hauser, H.** Diagnosis, prognosis and treatment of Hodgkin's disease. *Ohio M. J.*, 1939, 35: 1075-9.—**Jackson, H.** The diagnosis and treatment of malignant lymphoma. *N. England J. M.*, 1929, 201: 1284.—**Kotikov, U. A., & Kuracheva, N. A.** [Diagnosis of lymphogranulomatosis] *Sovet. pediatrik*, 1936, No. 6, 88-92.—**Le Roy des Barres, Heymann & Babel.** Sur une affection tumorale rappelant la maladie de Sternberg-Hodgkin observée chez un Tonkinois *Bull. Ass. fr. cancer*, 1927, 16: 791-9.—**Lesné, E., & Launay, J.** Le diagnostic de la maladie de Hodgkin chez l'enfant. *J. méd. chir., Par.*, 1935, 106: 388-95.—**Panellas, M., & Casas.** Un cas de maladie de Hodgkin; considérations sobre aquest diagnostic. *An. Hosp. S. Creu, Barcel.*, 1933, 7: 401-3.—**Weitzmann, G.** Zur Diagnose des Lymphogranuloms. *Klin. Wschr.*, 1937, 16: 607-9.

— Diagnosis, differential.

DINKEL, H. *Zur Differentialdiagnose zwischen Pseudoleukämie und Lymphosarkomatose [Tübingen] 10p. 8°. Rudolstadt, 1911.

Ahlström, C. G. Zur Kenntnis der polymorphzelligen Reticuloendothelsarkome und ihrer differentialdiagnostischen Abgrenzung von der Lymphogranulomatose. *Acta path. microb. scand.*, 1939, 16: 401-26.—**Baurowicz, A.** Zur Diagnose der Pseudoleukämie. *Arch. Laryng.*, Berl., 1905, 17: 529-32.—**Bonne, C., & Lodder, J.** Ueber eine eigentümliche, dem Lymphogranulom und der Mycosis fungoides verwandte Allgemeinerkrankung. *Beitr. path. Anat.*, 1929-30, 83: 521-40.—**Bucco, M.** Forma singolare di adenopatia treponemobacillare simulante il quadro clinico del morbo di Hodgkin-Sternberg. *Rinasc. med.*, 1927, 4: 476-8.—**Cionini, A., & Rotta, C.** Emblastosi a decorso acuto con complessa sintomatologia nervosa; linfogranuloma maligno o reticuloendoteliosi? *Haematologica*, Pavia, 1934, 15: 593-631, 2 pl.—**Craver, L. F.** Hodgkin's disease, lymphosarcoma and leukemia. *Laryngoscope*, 1933, 43: 575-84.—**& Sunderland, D. A.** Hodgkin's disease and carcinoma of the colon; mistaken diagnosis of carcinoma of the stomach. *J. Am. M. Ass.*, 1940, 114: 1623-5.—**Engel, R.** [Difficulty of diagnosis of lymphogranulomatosis symptoms] *Orv. hetil.*, 1926, 70: 238-41.—**Goldman, L. M., & Newman, J.** Hodgkin's disease mistaken for thyroid tumor. *Am. J. M. Sc.*, 1934, 187: 744-6, pl.—**Hauer, A.** Differentialdiagnose der Lymphogranulomatose unter besonderer Berücksichtigung des Blutbildes. *Zbl. ges. Tuberkforsch.*, 1931-32, 35: 137-43.—**Jordan, A., Schamschin & Staroff.** Schwierigkeiten bei der Diagnose der Hodgkinschen Krankheit. *Derm. Wschr.*, 1931, 93: 1361-7.—**Madden, J. F.** A case for diagnosis (lymphoblastoma [Hodgkin's disease of the skin?]) benign lymphadenoid granuloma [lymphocytoma]? *Arch. Derm. Syph.*, Chic., 1940, 41: 623.—**Manara, M.** Forme di linfogranulomatosi di difficile diagnosi (forma mediastinica, forma addominale) forma comune (cervicale) *Arch. biol. Genova*, 1926, 3: No. 5, 3-37.—**Marchal, G., & Bargeton.** Difficultés de diagnostic entre maladie de Hodgkin et leucémie à monocytes. *Sang. Par.*, 1933, 7: 321-7.—**Martelli, G.** Morbo di Hodgkin e pseudo-leucemia. *Rinasc. med.*, 1927, 4: 79, pl.—**Möller, E.** Zur Differentialdiagnose von Lymphogranulomatose und Tuberkulose. *Röntgenpraxis*, 1932, 4: 432.—**Monteleone, R.** Linfosarcomatosi addominale, a decorso acuto, febbrile, o linfogranulomatosi? *Policlinico*, 1935, 42: sez. prat., 861-70.—**Né, L., & Cailliau, F.** Granulomatosis malignes et cancer. *Bull. Ass. fr. cancer*, 1929, 18: 421-37.—

Patrassi, G. Diffuse Carcinose der Lymphknoten unter dem klinischen und hämatologischen Bilde einer Lymphogranulomatose. *Fol. haemat.*, Lpz., 1933, 50: 41 7.—**Pittaluga.** Diagnóstico diferencial entre la linfadenia, el linfogranuloma y el linfosarcoma. *An. Acad. nac. med., Madr.*, 1918, 38: 245; 255.—**Potter, E. L.** Hodgkin's disease with special reference to its differentiation from other diseases of lymph nodes. *Arch. Path., Chic.*, 1935, 19: 139-58.—**Puente Duany, N.** Consideraciones sobre una observación de adenopatia febril benigna de difícil clasificación que evoluciona con caracter benigno. *Rev. med. cir. Habana*, 1939, 44: 185-93.—**Rasch, C.** Pseudo-leukaemisk hudaffektion (?) tumor seg. lumbalis (naevosarkom?) *Hospitalstidende*, 1912, 5 R., 5: 1281-5.—**Sabrazes, J.** Lymphogranulomatose maligne et lymphogranulome benign inguinal. *Quest. méd. actual.*, Par., 1931, 1: 5-40.—**Senator, H.** Ueber Pseudoleukämie (Hodgkin'sche und Banti'sche Krankheit) *Deut. Klin.*, 1902, 3: 373-90. Also *Gazz. internaz. med.*, 1903, 6: 91-9.—**Siegel, A. E.** Lymphadenopathy simulating Hodgkin's disease. *Arch. Pediat.*, N. Y., 1928, 45: 719-29.—**Van Duyse.** Contribution à l'étude des tumeurs symétriques lymphomateuses, pseudoleucémiques des glandes lacrymales et salivaires; maladie de Mikulicz ou maladie de Hodgkin? *J. méd. Bruxelles*, 1906, 11: 54-6.—**Verrotti, G.** Un caso di linfo-adenopatia multipla da sifilide ignorata, simulante il quadro clinico della pseudo-leucemia linfatica. *Gior. internaz. sc. med.*, 1905, n. ser., 27: 547-53.—**Vertberg, A. O.** [Differential diagnosis of so-called pseudoleukaemia (lymphocytoma and granuloma)] *Khirurgia, Moskva*, 1912, 32: 3-16.—**Weickel.** Diagnóstico y diagnóstico diferencial de la linfogranulomatosis. *Rev. méd. germ. ibér. amer.*, 1930, 3: 577-84. Also *Tungchi med. Mschr.*, 1938-39, 14: 12; 43.

— Diagnosis: Gordon's test.

Barbieri, D. Ueber die biologische Gordon-Reaktion. *Klin. Wschr.*, 1939, 18: 1394.—**Bortolozzi, M.** Linfogranuloma e reazione biologica di Gordon. *Diagn. tecn. lab.*, Nap., 1935, 6: 273-91.—**Chapman, E. M.** Hodgkin's disease; negative skin reactions to gland extracts. *Proc. Soc. Exp. Biol.*, N. Y., 1934, 31: 575. Clinical application of the Gordon test (a syndrome of ataxia, spasm and paralysis induced in rabbits by the intracerebral injection of emulsified Hodgkin's tissue) *Ann. Int. M.*, 1936-37, 10: 742-7.—**Dassen, R., Fisher, A., & Fustinoni, O.** La prueba de Gordon en el diagnóstico de la linfogranulomatosis maligna. *Rev. As. med. argen.*, 1934, 48: 1397-402.—**Edward, D. G.** Observations on the cellular basis of the Gordon test for lymphadenoma. *Lancet, Lond.*, 1938, 1: 936-8.—**Gaupp, R., jr.** Die histopathologischen Veränderungen im Kaninchenohr beim Gordon-Test. *Zschr. exp. Med.*, 1939, 105: 255-65.—**Gilberti, P.** Considerazioni sulla prova di Gordon in due casi di linfogranulomatosis maligna. *Sperimentale*, 1939, 93: 514-29.—**Giuliani, G.** Sulla prova biologica di Gordon. *Diagnosi*, 1935, 15: 314-27.—**Goldstein, J. D.** The Gordon test for Hodgkin's disease. *Am. J. Sc.*, 1936, 191: 775-80.—**Gordon, M. H.** Hodgkin's disease; a pathogenic agent in the glands, and its application in diagnosis. *Brit. M. J.*, 1933, 1: 641-4.—**Hoeden, J. van der, & Hulst, L. A.** [Hodgkin's disease and Gordon's test] *Ned. tsschr. geneesk.*, 1934, 78: 4305-16.—**King, D. P.** The biological test for Hodgkin's disease. *S. Thomas Hosp. Rep.*, Lond., 1938, 2, ser., 3: 68-80, pl.—**Liebegott, G.** Histologisches Bild und Gordon-Test bei der Lymphogranulomatose. *Verh. Deut. path. Ges.* (1938) 1939, 31: 459. Also *Zschr. exp. Med.*, 1939, 105: 241-54.—**McNaught, J. B.** The Gordon test for Hodgkin's disease; a reaction to eosinophils. *J. Am. M. Ass.*, 1938, 111: 1280-4.—**Ozilvie, R. F., & van Rooyen, C. E.** A case demonstrating the value of Gordon's test in Hodgkin's disease. *Lancet, Lond.*, 1933, 2: 641-3.—**Ovidio, F. R. d., & Vucetich, M.** Sobre un caso de enfermedad de Sternberg-Hodgkin (a propósito del test biológico de Gordon) *Rev. As. med. argen.*, 1935, 49: 372-9.—**Paterni, L., & Maroncelli, P.** Sulla prova biologica di Gordon nella malattia di Hodgkin e in altre affezioni ghiandolari. *Boll. Acad. med. Roma*, 1935, 61: 205-12. Also *Policlinico*, 1935, 42: sez. prat., 1937-96.—**Rosenberg, D. H., & Bloch, L.** The Gordon test for Hodgkin's disease. *J. Am. M. Ass.*, 1936, 106: 1156-8.—**Sachs, H. W., & Steffel, W.** Ueber die Bedeutung des Gordon-Testes für die Diagnose der Lymphogranulomatose. *Klin. Wschr.*, 1938, 17: 1043-6.—**Schreiber, H.** Ein Beitrag zu den experimentellen Untersuchungen über die Lymphogranulomatose (Gordon-Test) *Acta med. scand.*, 1939, 102: 357-71.—**Steiner, P. E.** Reliability and significance of the Gordon test in Hodgkin's disease. *Arch. Path., Chic.*, 1941, 31: 1-10.—**Thomas, W. S.** Gordon's biological test for Hodgkin's disease. *Clifton M. Bull.*, 1936, 20: 30-7.—**Van Rooyen, C. E.** A biological test in the diagnosis of Hodgkin's disease. *Brit. M. J.*, 1933, 1: 644-7. Some properties of the encephalitogenic agent in lymphadenomatous tissue with further observations on the diagnosis of Hodgkin's disease. *Ibid.*, 1934, 1: 519-24. The interpretation and significance of Gordon's test in the diagnosis of Hodgkin's disease; a study of 100 cases. *Edinburgh M. J.*, 1937, 44: 455-64.—**Wurm, K.** Ueber den Gordon-Test bei Lymphogranulomatose und seine praktische Bedeutung. *Deut. Arch. klin. Med.*, 1937, 181: 90-123. Also *Verh. Deut. Ges. inn. Med.*, 1937, 49. Kongr., Sekt. inn. Med., 228-32.

— Diagnosis: Methods of examination.

Barasciutti, A. Sulla scarsa utilità della sternopuntura come mezzo diagnostico nel granuloma maligno. *Diagn. tecn. lab.*,

Nap., 1937, 8: 481-5.—**Edelmann, H.** Lymphogranulomatose und urologische Diagnostik. Beitr. path. Anat., 1930, 84: 346-52.—**Emile Weill, P., Isch-Wall, P., & Perlès, S.** Le diagnostic de la maladie de Hodgkin par la ponction des ganglions. Bull. Soc. méd. hôp. Paris, 1936, 3. ser., 52: 1006-9. Also Presse méd., 1936, 44: 1540-3.—**Estrada, A.** La citopuntura ganglionare nella linfogranulomatosi maligna dal punto di vista diagnostico. Haematologica, Pavia, 1937, 18: 499-508.—**Feldman, H.** Maintenance of the sedimentation rate of erythrocytes in vitro in cases of malignant tumors and Hodgkin's disease. Am. J. M. Sc., 1940, 200: 820-5.—**Fieschi, A., & Rettanni, G.** Sulle caratteristiche dell'anemia nel linfogranuloma, e sul valore diagnostico della sternopuntura. Gazz. osp., 1938, 59: 279-82.—**Introzzi, P.** La puntura della milza nel granuloma maligno. Bull. Soc. med. chir., Pavia, 1932, 46: 69-84.—**Lahm, W.** Praktische Röntgenologie (Lymphogranulomatosen und Magen-Darmdiagnostik). Fortsch. Röntgenstrahl., 1936, 53: 370-6.—**Paraf, J., Fischgold, H. [et al.]** Maladie de Hodgkin à localisation osseuse et cutanée, données de la ponction sternale. Sang, Par., 1939, 13: 797-803.—**Schilling, V.** Die Lymphogranulomatose; klinische Diagnostik durch Blutstatus, Punktionsverfahren usw. und Differentialdiagnosen. Med. Welt, 1937, 11: 272-6, 2 pl.—**Stork, W. J.** Alcuni aspetti radiologici del morbo di Hodgkin. Athena, Roma, 1938, 7: 9-11.—**Storti, E.** Importanza diagnostica della puntura di milza per alcune varietà di linfogranuloma maligno. Riforma med., 1935, 51: 779-83.—**Uspensky, A.** Die Bedeutung der Röntgenstrahlen für die Diagnose der Lymphogranulomatose. Fortsch. Röntgenstrahl., 1930, 42: 617-34.—**Weill, P. E., Isch-Wall, P., & Perlès, S.** Le diagnostic de la maladie de Hodgkin par la fonction des ganglions. J. méd. Paris, 1936, 56: 791.

Digestive system.

BUCKYS, E. [H. F.] *Ein Beitrag zur Diagnose der isolierten, intestinalen Form der Lymphogranulomatose [Bonn] 26p. 23½cm. Kiel, 1938.

BUCHER, H. [D.] *Ueber Lymphogranulomatose besonders des Magen-Darmkanals mit einem Fall von Lymphogranulomatose der Speiseröhre [Heidelberg] 29p. 8° [Wertheim a. M., 1931]

CHALOPIN, P. *Les localisations gastro-intestinales de la lymphogranulomatose maligne [Paris] 76p. 24cm. Coulommiers, 1939.

DROPE, H. *Zur Kenntnis der Lymphogranulomatose des Verdauungsschlauches. p.147-59. 8° Berl., 1925.

Also Virchows Arch., 1926, 259:

FARGE, A. *Contribution à l'étude de la forme intestinale de la granulomatose maligne. 63p. 24cm. Par., 1938.

SAHRHAGE, H. *Zur Frage der isolierten Lymphogranulomatose des Darmkanals [Göttingen] 15p. 8° Bethel-Bielefeld, 1934.

SOMMERFELD, W. *Ueber die selbständige Lymphogranulomatose des Magendarmkanals. 58p. 8° Basel, 1933.

Alimentary (The) tract in Hodgkin's disease. Med. J. Australia, 1938, 1: 710.—**Avent, C. H.** Primary isolated lymphogranulomatosis (Hodgkin's disease) of the stomach. Arch. Surg., 1939, 39: 423-8.—**Bársony, T., & Koppenstein, E.** Lymphogranulomatose des Magens. Röntgenpraxis, 1932, 4: 822.—**Baumgartner, W.** Ueber eine ungewöhnliche, isolierte Lymphogranulomatose des Magens und xanthomöse Umwandlung der Gekrösewurzel. Virchows Arch., 1933, 290: 97-105.—**Behring, I.** Zur Diagnose der Lymphogranulomatose im Verdauungskanal nebst einem Beitrag zur Frage über die sogenannten Linitis plastica des Magens. Acta path. microb. scand., 1928, 5: 1-15.—**Bini, G., & Parvis, A.** Sulla linfogranulomatosi gastrointestinale primitiva. Pathologica, Genova, 1940, 32: 89-111.—**Bonciu, C.** [Isolated, intestinal lymphogranulomatosis] Rev. şt. med., Bucur., 1929, 18: 1229-39.—**Brass, K.** Ueber einen Fall von hochgradiger diffuser Lymphogranulomatose des Magendarmkanals. Verh. deut. path. Ges., 1937, 30: 427-30.—**Breini, A.** Ueber einen Fall von Pseudoleukämie intestinalis mit durch Kapselbakterien bedingter Peritonitis. Prag. med. Wschr., 1904, 29: 354.—**Bukowski, R.** Zur Klinik der Lymphogranulomatose des Magens. Münch. med. Wschr., 1938, 85: 2021.—**Chène, P., & Vanier, J.** Les formes gastro-intestinales de la lymphogranulomatose maligne. Gaz. hôp., 1932, 105: 497-500.—**Chioléro, J.** Un cas de lymphogranulomatose primitive de l'oesophage. Ann. anat. path., Par., 1935, 12: 305-10.—**Comando, H. N.** Primary isolated lymphogranulomatosis of the stomach; report of a case. Arch. Surg., 1935, 30: 228-35.—**Coronini, C.** Ueber das Paltau-Sternberg'sche Lymphogranulom mit besonderer Berücksichtigung der Veränderungen des Verdauungsschlauches und solcher an der Leberpforte mit und ohne Gelbsucht; zugleich ein Beitrag über lympho-

granulomatöse Gefäßveränderungen. Beitr. path. Anat., 1928, 80: 405-78.—**Coughlin, W. T.** A case of Hodgkin's disease with intestinal manifestations. Week. Bull. S. Louis M. Soc., 1935-36, 30: 497.—**Cox, W.** Hodgkin's disease of the jejunum, mesentery, liver, retroperitoneal glands and both ovaries. J. Kansas M. Soc., 1933, 34: 346-8.—**Dudits, A.** Ueber Lymphogranulomatose des Magen- und Darmtraktes. Beitr. path. Anat., 1933, 92: 59-73.—**Dupérié, R., Dubarry, J., & Lachaud, R. de.** Sur un cas de maladie de Hodgkin à forme intestinale. J. méd. Bordeaux, 1938, 115: pt 2, 284.—**Efskind, L.** Zur pathologischen Anatomie und Pathogenese der isolierten Dünndarmlymphogranulomatose. Acta chir. scand., 1937-38, 80: 317-39, 2 pl.—**Erusalimsky, L. M., & Slonim, I. I.** [Lymphogranulomatosis of the stomach] Vrach. delo, 1938, 20: 515-22.—**Fletcher, W.** A case of primary lymphadenoma of the small intestine. Practitioner, Lond., 1909, 83: 374-6, pl.—**Frugoni, C.** Itero da ritenzione per processo flogistico duodenale e periduodenale non precisato clinicamente ed istologicamente documentato di natura linfogranulomatosa maligna. Policlinico, 1937, 44: sez. prat., 3-17.—**Gallart Mones, F., & Roca de Vinals, R.** Lymphogranulome de Hodgkin rectal de forme tumorale. Arch. mal. app. digest., Par., 1938, 28: 67-73.—**Gamna, C., & Pino, F.** Il linfogranuloma maligno gastro-intestinale. Arch. ital. mal. app. diger., 1939, 8: 312-46.—**Goldfarb, S. J.** Hodgkin's disease of the gastro-intestinal tract. J. Mount Sinai Hosp. N. York, 1937-38, 4: 298-303.—**Grevillius, A.** [Lymphogranulomatosis of the intestinal canal] Sven. läk. tidn., 1931, 28: 1105-11.—**Hanneberg, O.** [Case of intestinal lymphogranulomatosis] Norsk mag. lægevid., 1928, 89: 997-1003.—**Hayden, H. C., & Apfelbach, C. W.** Gastro-intestinal lymphogranulomatosis. Arch. Path., Chic., 1927, 4: 743-70.—**Heilmann, P.** Primäres Lymphogranulom des Darmes. Frankf. Zschr. Path., 1930, 40: 151-4.—**Heimann-Hatry, W.** Primäre, isolierte Lymphogranulomatose des Darmes. Med. Klin., Berl., 1926, 22: 958-60.—**Hoffmann, M.** Ueber klinische Erscheinungen bei gastrointestinaler Pseudoleukämie. Arch. klin. Chir., 1907, 82: 794-802.—**Holitsch, R.** [Intestinal lymphogranulomatosis] Orv. hetil., 1935, 79: 388.—**Iacobovici, I., & Stoia, I.** Considérations sur un cas de lymphogranulomatose maligne primitive de l'estomac. Bull. Ass. fr. cancer, 1937, 26: 348-53.—**Klima, R.** Zur Klinik der intestinalen Lymphogranulomatose. Wien. klin. Wschr., 1929, 42: 1626; 1938, 51: 948.—**Kopstein, G.** Zur Lymphogranulomatose des Magens. Arch. Verdauungskr., 1933, 53: 41-7.—**Kudrnac, J., & Fingerland, A.** [Case of primary, intestinal lymphogranuloma] Cas. lek. česk., 1938, 77: 521-4.—**Licht, L. M.** [Lymphogranulomatosis of the gastro-intestinal tract] Sovet. vrach. J., 1937, 2: 118-22.—**Lincke, J.** Ueber isolierte Lymphogranulomatose des Dünndarmes. Zbl. allg. Path., 1937, 68: 85-7.—**Lützw-Holm, G.** [Lymphogranulomatosis of stomach] Norsk mag. lægevid., 1931, 92: [Förh. kirurg. Foren.] 17-21.—**Madding, G. F.** Hodgkin's disease of the stomach; report of 6 cases. Proc. Mayo Clin., 1938, 13: 618-23.—**Marcelongo, F.** Linfogranuloma maligno a forma gastrica. Haematologica, Pavia, 1935, 16: 811-49.—**Martin, W. C.** Lymphoblastoma of the gastro-intestinal tract. Am. J. Roentg., 1936, 36: 881-91.—**Martinez Baez, M.** Sobre algunas de las manifestaciones viscerales de la enfermedad de Hodgkin. Hosp. gen., Méx., 1932-33, 7: 1541-50.—**Matsuo, K.** Ueber 5 Fälle von Lymphogranulom des Magens. Verh. Jap. chir. Ges., 1935, 36: 32.—**Mikhlin, G. M.** [Atypical lymphogranulomatosis of the intestinal tract] Vrach. delo, 1939, 21: 658-60.—**Mittelbach, M.** Beitrag zur primären Lymphogranulomatose des Magens. Zbl. allg. Path., 1932-33, 55: 49.—**Natucci, G.** Sopra un raro caso di linfomatosi sistemica gastro-intestinale. Pathologica, Genova, 1939, 31: 273-83.—**Nowicki, W.** [Isolated, malignant lymphogranuloma of the small intestine] Polska gaz. lek., 1930, 9: 733-7. Also Virchows Arch., 1930, 279: 146-58.—**Ogłobina, Z. V.** A case of intestinal type of Hodgkin's disease. Acta chir. scand., 1928-29, 64: 527-38. Also Vest. khir., 1928, 13: No. 37-38, 132-8.—**Ohnuma, T.** Ueber einen Sektionsfall von Lymphogranulomatose des Magens. Tr. Jap. Path. Soc., 1924, 14: 112.—**Omodei-Zorini, A.** Linfogranuloma maligno primitivo dell'intestino. Haematologica, Pavia, 1926, 7: 385-424.—**Pape, R.** Zur Kenntnis der Lymphogranulomatose des Darmes. Med. Klin., Berl., 1936, 32: 1212-7.—**Pattison, A. C.** Malignant lymphoma of the gastro-intestinal tract. Arch. Surg., 1934, 29: 907-22.—**Pissarewa, T.** Lymphogranulomatosis (Paltau-Sternberg) des Verdauungstraktes. Arch. klin. Chir., 1927, 149: 75-91.—**Ragnar, T.** [Isolated lymphogranulomatosis of the stomach] Nord. med., 1939, 3: 2866-73.—**Redish, J.** Hodgkin's disease of the stomach with fatal gastric hemorrhage. Arch. Path., Chic., 1937, 23: 844-8.—**Rimbaud, L., Lonjon [et al.]** Granulomatose maligne à forme de gastropathie ulcéreuse. Arch. Soc. sc. méd. biol. Montpellier, 1933, 14: 425-34.—**Rindal, R.** [Case of malignant lymphogranulomatosis of intestines] Norsk mag. lægevid., 1930, 91: 634-41.—**Schultz Ortiz, G., & Bosq, P.** Linfogranulomatosis intestinal. Sem. méd., B. Air., 1934, 41: pt 2, 405-12.—**Sherman, E. D.** Gastro-intestinal manifestations of lymphogranulomatosis (Hodgkin's disease) Arch. Int. M., 1938, 61: 60-82.—**Singer, H. A.** Primary, isolated lymphogranulomatosis of the stomach. Tr. Chicago Path. Soc., 1931, 13: 453-71. Also Arch. Surg., 1931, 23: 1001-17. Also repr.—**Slováček, O.** [Contribution to the study on lymphogranulomatosis of the gastro-intestinal tract] Cas. lek. česk., 1929, 68: 503; 1933, 72: 945.—**Solis-Cohen, L., & Levine, S.** Periesophageal adenopathy as an initial finding in Hodgkin's disease. Med. Rec., N. Y., 1936,

143: 275.—**Supino, L.** La linfogranulomatosi dello stomaco. *Pathologica*, Genova, 1934, 26: 196-202.—**Sussi, L.** Ein Beitrag zur Pathogenese und Therapie der gastrointestinalen Form der Lymphogranulomatose. *Deut. Zschr. Chir.*, 1930, 226: 344-57. Also *Pathologica*, Genova, 1929, 21: 397-402. Contributo allo studio clinico e patogenetico del linfogranuloma maligno dell'intestino. *Ibid.*, 1930, 22: 360-70.—**Teller, H. L.** Specimens from a case of gastro-intestinal pseudoleukemia. *Proc. N. York Path. Soc.*, 1908-9, n. ser., 8: 148-53.—**Thiemer, P. H.** Zur Kasuistik der isolierten Lymphogranulomatose des Magendarmtraktes. *Deut. Zschr. Chir.*, 1927, 205: 404-9.—**Văsiiliu, T., & Popa, R.** [Case of intestinal lymphogranulomatosis] *Cluj. med.*, 1929, 10: 188-94.—**Wahlgren, F.** On lymphogranulomatosis (Hodgkin's disease) in the gastrointestinal tract with a report of 2 cases. *Sven. läk. säll. handl.*, 1927, 53: 292-306, 2 pl.—**Wells, H. G.** Pseudoleukemia gastrointestinalis. *Tr. Chicago Path. Soc.*, 1903-4, 6: 147-56.

Digestive system: Liver.

Goia, I. Contribution à la forme hépatique de la lymphogranulomatose maligne. *Bull. Soc. méd. hôp. Bucarest*, 1932, 14: 493. Also *Sang. Par.*, 1935, 9: 367-74.—**Laubry, C., Marchal, G., & Liège, R.** Sur un cas de granulomatose maligne; nombreuses métastases nodulaires dans le foie; embolies microscopiques; variations de la réaction de Bordet-Wassermann. *Rev. méd. Par.*, 1927, 44: 695-731.—**Legrý, T. J., & Sourdél, M.** Lymphadénome du foie. *Bull. Soc. anat. Paris*, 1910, 85: 916; 1911, 86: 156.—**Olmer, D., Mosinger [et al.]** Etude anatomique-clinique d'un nouveau cas de lymphogranulomatose avec localisation hépatique. *Sang. Par.*, 1935, 9: 96-103.—**Ovidio, F. R. d., & Vucetich, M.** Forma hepática de la granulomatosis maligna. *Rev. As. méd. argent.*, 1939, 53: 825-8.—**Pieri, J., Bouet & Sarraon, P.** Lymphogranulomatose maligne à forme hépatique. *Marseille méd.*, 1935, 72: 579-83.—**Rollstone, H. D.** Lymphadenoma with varying jaundice. *Proc. R. Soc. M., Lond.*, 1908-9, 2: Clin. Sect., 155.—**Rutecki, L. C.** A case of obstructive jaundice due to compression of the common bile duct by enlarged lymph-nodes of Hodgkin's disease. *Bull. Buffalo Gen. Hosp.*, 1927, 5: 24-7.—**Stahr, H., & Synwoldt, I.** Ueber Lymphogranulomatose, insbesondere an den grossen Gallengängen. *Med. Klin., Berl.*, 1922, 18: 404-9.—**Tsunoda, T.** Ueber einen Fall von aleukäischem malignem Lymphom mit besonderen Leberveränderungen. *Virchows Arch.*, 1911, 204: 265-72.

Endocrine glands.

Costanzi, F. Sulle emopatie con alterazioni endocrine. *Diagnosi*, Pisa, 1929, 9: 213-45.—**D'Amore, S.** Sindrome di Fröhlich, diabete insipido ed emianopsia bitemporale da linfogranuloma maligno ipofisario. *Gazz. osp.*, 1932, 53: 579-85.—**Fanelli, Z. F.** Reazioni interstiziali nello struma tiroideo e linfogranulomatosi della tiroide in rapporto alle forme atipiche del morbo di Hodgkin. *Fol. med., Nap.*, 1938, 24: 422-49.—**Molfino, F.** Sulle sindromi addisoniane da linfogranuloma maligno. *Riforma med.*, 1932, 48: 899-902.—**Popper, L.** Subakute Lymphogranulomatose unter dem Bilde der Simmondschen Kachexie. *Med. Klin., Berl.*, 1933, 29: 1644-6.—**Presno y Bastiony, J. A.** Enfermedad de Hodgkin de localización primitiva en la región tiroidea simulando un bocio. *Rev. med. cir. Habana*, 1936, 41: 213-20.—**Ruiz, R.** Una nueva forma clínica de la enfermedad de Hodgkin-Paltauf-Sternberg; granulomatosis a forma addisoniana. *Rev. sudamer. endocr.*, B. Air., 1931, 14: 417; 499; 1934, 17: 127.—**Spangenberg, J. J., & Bianchi, A. A.** Estudio anatómico-patológico de un caso de linfogranulomatosis pseudo-addisoniana. *Prensa méd. argent.*, 1931-32, 18: 20-35.—**Warnshuis, L.** Hodgkin's disease simulating adenoma of the thyroid gland. *Med. Clin. N. America*, 1933, 17: 297-303.

Etiology.

See also subheading Relation to tuberculosis.

AN-SUE, A. *Sur l'étiologie de la maladie de Hodgkin. 46p. 8° Par., 1930.

HEUSSI, M. *Ueber Lymphogranulomatose besonders ihr familiäres Vorkommen [Basel] 30p. 22½cm. Zür., 1936.

SCHÄCHTER, M. *Ueber die Lymphogranulomatose mit besonderer Berücksichtigung der ätiologischen Forschung der neueren Zeit und eines Falles mit Drüsendurchbruch durch die Haut. 31p. 8° Berl. [1935]

Amendola. L'etiologia del morbo di Hodgkin. *Morgagni*, 1934, 76: 400.—**Arkin, A.** Familial mediastinal lymphogranuloma; report of 3 cases in one family. *Am. J. M. Sc.*, 1926, 171: 669-82.—**Askazany.** L'étiologie du lymphome malin ou de la lymphogranulomatose. *Rev. méd. Suisse rom.*, 1915, 35: 598.—**Ayrosa, A., Pessoa, S. B., & Corrêa, C.** Contribuição ao estudo etiologico da molestia de Hodgkin. *Bol. Inst. Hyg. S. Paulo*, 1929, No. 40, 1-16.—**Busni, N.** Ein Beitrag zur Aetiologie der Lymphogranulomatose. *Virchows Arch.*, 1928, 268: 614-28.—**Ciambellotti, E.** Linfogranuloma leucico con epato- e splenomegalia da antica leucoscutata. *Dermosifilograf.*, 1934, 9: 347-53.—**Ducos, J., & Bert, J. M.**

Le problème étiologique de la lymphogranulomatose maligne; à propos d'une observation. *Arch. Soc. sc. méd. biol. Montpellier*, 1932, 13: 352-9.—**Gabbi & Barbacci.** Ricerche sull'etiologia della pseudoleucemia. *Lav. Congr. med. int.* (1892) 1893, 5: 103-5.—**Giuliani, G.** Etiologie de la granulomatose maligne. *Boll. Sez. ital. Soc. internaz. microb.*, 1935, 7: 457-60.—**Gordon, M. H.** The problem of the aetiology of Hodgkin's disease. *S. Barth. Hosp. Rep.*, Lond., 1930, 63: 69-75. Studies of the aetiology of lymphadenoma. In *Rose Res. Lymphaden.*, Brist., 1932, 7-76, 18 pl.—**Houcke, E., & Boury, M.** Formes anatomiques et étiologie de la lymphogranulomatose maligne. *Prat. méd. fr.*, 1931, 12: 3-16.—**Kirch, A.** Zur Aetiologie der generalisierten Lymphome. *Wien. klin. Wschr.*, 1917, 20: 982.—**Krumbhaar, E. B.** Is typical Hodgkin's disease an infection or a neoplasm? *Am. J. M. Sc.*, 1934, 188: 597-604.—**Lanford, J. A.** Etiology, diagnosis and pathology of Hodgkin's disease. *N. Orleans M. & S. J.*, 1926-27, 79: 577-62.—**Langeron, L., & Delcours, J.** Maladie de Hodgkin chez un syphilitique. *J. sc. méd. Lille*, 1928, 46: 349-55.—**Louste, Lévy-Frankel & Cailliau.** Lymphogranulomatose infectieuse maligne. *Bull. Soc. fr. derm. syph.*, 1928, 35: 232-6.—**McHaffey, G. J., & Peterson, R. F.** Hodgkin's disease occurring simultaneously in 2 brothers. *J. Am. M. Ass.*, 1934, 102: 521.—**MacLennan, W.** A case of lymphadenoma in a child, following congenital syphilis and tuberculosis. *Glasgow M. J.*, 1911, 75: 292-4.—**Martinoli, A.** Sull'etiologia della linfogranulomatosi maligna (a proposito di una lesione ghiandolare a tipo linfogranulomatosa tra i reperti di uno studio sulla trasmissione transplacentare della tubercolosi) *Arch. pat., Bologna*, 1929, 8: 395-407.—**Norsa, G.** Il problema etiologico della linfogranulomatosi maligna. *Gazz. osp.*, 1932, 53: 1089.—**Peretz, L., Nöwler, A., & Funstein, L.** De l'étiologie de la lymphogranulomatose. *Acta med. scand.*, 1937, 92: 445-60.—**Proescher & White, C.** Ueber das Vorkommen von Spirochaeten bei pseudoleukämischer Lymphdrüsenhyperplasie. *Münch. med. Wschr.*, 1907, 54: 1868.—**Puente Duany, N.** Análisis clínico, anatómico y etiológico de la enfermedad de Hodgkin. *Rev. med. cir. Habana*, 1929, 34: 685; 786; 1930, 35: 5.—**Ravina, A.** Acquisition récentes sur l'étiologie et le traitement de la maladie de Hodgkin. *Presse méd.*, 1936, 44: 2088.—**Sailer, S.** Hodgkin's disease in the aged. *Am. J. Clin. Path.*, 1936, 6: 241-52.—**Stewart, H. L.** Etiologic studies in Hodgkin's disease. *J. Lab. Clin. M.*, 1932-33, 18: 281-7.—**Stojalowski, K.** [Anatomopathological causes of lymphogranulomatosis] *Nowiny lek.*, 1938, 50: 352-5.—**Tapie, J.** Quelques faits cliniques en faveur de l'origine infectieuse de la lymphogranulomatose maligne (maladie de Sternberg). *Prat. méd. fr.*, 1931, 12: 379-89.—**Terplan, K.** Ueber Wesen, Pathogenese und Aetiologie der Lymphogranulomatose. *Zbl. ges. Tuberkulforsch.*, 1933, 29: 561-72.—**Uhlenhuth, P., & Wurm, K.** Derzeitiger Stand unserer Kenntnisse über die Aetiologie und Epidemiologie der Lymphogranulomatose. *Deut. med. Wschr.*, 1940, 66: 785-90.—**Vasiliu, T., & Irimoiu, G.** Recherches sur l'étiologie du lymphogranuloma malin (Maladie de Hodgkin-Sternberg) *C. rend. Soc. biol.*, 1926, 94: 160-2.—**Weismann-Netter.** La lymphogranulomatose maligne, maladie frontière. *Sem. hôp. Paris*, 1932, 8: 80.—**White, W. C., & Proescher, F.** On the presence of spirochaeta in pseudoleucemia, acute lymphatic leucemia, and lymphosarcoma. *N. York M. J.*, 1908, 87: 9. Also repr.

Experimental research.

Baldor, J. F. El virus tuberculoso filtrable, factor productor de la enfermedad de Hodgkin. *Rev. méd. cubana*, 1935, 46: 1303-18.—**Barboni, U.** Contributo etiologico-sperimentale sul linfogranuloma maligno. *Gior. batt. immun.*, 1931, 6: 309-19.—**Bezancon, P., Weismann-Netter [et al.]** Contribution à l'étude expérimentale de la lymphogranulomatose maligne. *Bull. Soc. méd. hôp. Paris*, 1930, 3. ser., 46: 1108-13.—**Brun, C.** Reproduction expérimentale des lésions de la maladie de Hodgkin. *Arch. mal. cœur*, 1929, 22: 666-88.—**Chapman, E. M.** Unsuccessful experiments to transmit Hodgkin's disease to dogs by intralymphatic injection. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 572.—**Coyon, A., & Brun, C.** Reproduction expérimentale des lésions de la maladie de Hodgkin. *Bull. Soc. méd. hôp. Paris*, 1929, 3. ser., 53: 82-5.—**Faure-Beaulieu & Brun, C.** Nouvelles recherches expérimentales sur la lymphogranulomatose maligne. *Ibid.*, 1930, 3. ser., 54: 1272-8. Also *C. rend. Soc. biol.*, 1933, 113: 601-4. Contribution d'ordre bactériologique à l'étude expérimentale de la lymphogranulomatose. *C. rend. Congr. fr. méd.* (1932) 1933, 22. sess., 85-8.—**Feigin, B., & Plonskier, M.** Experimentelle Untersuchungen zur Lymphogranulomatosefrage. *Krankheitsforschung*, 1931, 9: 278-308.—**Foulon, P., & Lesbire, P.** Quelques études expérimentales sur la lymphogranulomatose (maladie de Paltauf-Sternberg) *Ann. anat. path.*, Par., 1931, 8: 477-83.—**Ionescu-Mihaiseti, C., Tupa, A., & Mesrobianu, I.** Les altérations du cylindrax des fibres nerveuses périphériques dans la lymphogranulomatose expérimentale du singe. In *Hommage mém. J. Cantacuzène*, Par., 1934, 333-46, 7 pl.—**Leon, W. D., & Reyes, C.** Experimental transplantation of Hodgkin's disease in monkeys. *J. Philippine Islands M. Ass.*, 1929, 9: 9-11.—**L'Esperance, E. S.** Experimental inoculation of chickens with Hodgkin's nodes. *J. Immun.*, Balt., 1928, 15: 123; 1929, 16: 37.—**Levaditi, J.** Contribution à l'étude de la lymphogranulomatose expérimentale de la souris. *C. rend. Soc. biol.*, 1935, 118: 125.—**Loeper, M., & Lemaire, A.** L'inoculation du sang et des urines de 2 malades atteint de maladie de

Hodgkin. Bull. Soc. méd. hôp. Paris, 1930, 3. ser., 46: 1444-8.—**Mackenzie, I., & Van Rooyen, C. E.** Further experimental observations on the etiology of Hodgkin's disease. Annual Rep. Edinburgh Pub. Health Dep., 1934, 51.—**Medlar, E. M., & Sasano, K. T.** An interpretation of the nature of Hodgkin's disease; report of a neoplasm in the rabbit which corresponds closely to Hodgkin's disease in man. Am. J. Cancer, 1937, 29: 102-10.—**Meier, R., Posern, E., & Weitzmann, G.** Das Wachstum menschlichen Lymphogranuloms in vitro. Virchows Arch., 1937, 299: 329-38.—**Rotta, C., & Renati, F.** Tentativi di riproduzione del linfogranuloma maligno umano nella scimmia. Cancro, Tor., 1933, 4: 70-5.—**Sacquée, Liègeois & Codvelle.** Contribution à l'étude expérimentale de la lymphogranulomateuse maligne. Bull. Soc. méd. hôp. Paris, 1930, 3. ser., 54: 1203-5.—**Steiner, P. E.** Hodgkin's disease; search for an infective agent and attempts at experimental reproduction. Arch. Path., Chic., 1934, 17: 749-63. Also repr.—**Sticker, A., & Löwenstein, E.** Ueber Lymphosarkomatose, Lymphomatose und Tuberkulose; ein experimenteller Beitrag. Zbl. Bakt., 1. Abt., 1910, 55: Orig., 267-75, 3 pl.—**Tramontano, V.** Ricerche sperimentali sulla etiologia del granuloma maligno. Pathologica, Genova, 1932, 24: 85-90.—**Uhlenhuth, P., & Wurm, K.** Experimentelle Untersuchungen zur Ätiologie der Hodgkinschen Krankheit. Zschr. ges. exp. Med., 1939, 105: 205-40.—**Van Rooyen, C. E.** Recent experimental work on the aetiology of Hodgkin's disease. Brit. M. J., 1933, 1: 562.—**Vasilu, T.** Conception étiologique et pathogénique de la lymphogranulomateuse tirée de l'étude expérimentale. Ann. anat. path., Par., 1931, 8: 815-37.—**Vassiliadis, H. C.** Essais d'inoculation du granulome malin au cobaye. Rev. belge sc. méd., 1933, 5: 222-5.—**Weismann-Netter, R., Oumansky, V., & Delarue, J.** Les résultats de l'expérimentation dans la granulomateuse maligne. Presse méd., 1932, 40: 1553. Also Rapp. Congr. fr. méd., 1932, 22. sess., 1: 139-208. [Discussion] 1-103.

— Eye.

Dutoit, A. A. *Ein Fall von pseudoleukämischen Lymphomen der Augenlider mit generalisierter Lymphombildung [Bern] 26p. 8°. Wiesbaden, 1903.

Also Arch. Augenh., 1903, 47:

Armand-Delille, P., & Boyer, J. Un cas de lymphogranulomateuse maligne avec tumeur palpébrale. Bull. Soc. pédiat. Paris, 1936, 34: 534-6.—**Kravitz, D.** Hodgkin's disease of the lid; report of a case. Arch. Ophth., Chic., 1939, 21: 844-52.—**Kyrieles, W.** Ueber Augenhintergrundsveränderungen bei Lymphogranulomatose. Zschr. Augenh., 1936, 89: 193-7.—**MacKechnie, H. N.** One case of Hodgkin's disease treated over a period of 6 years with recent ocular disturbances. Surg. Clin. N. America, 1927, 7: 761.—**Musial, A.** [Hodgkin's disease in the semilunar folds of the eye-ball] Polska gaz. lek., 1934, 13: 49.—**Ridley, N. C.** An unusual complication of Hodgkin's disease. Tr. Ophth. Soc. U. K., 1929, 49: 399-406.—**Rocha, H.** Exophthalmia axil por lymphadenoma na doença de Hodgkin. Brasil med., 1936, 40: 595-9.—**Zimmer, E. A.** Forme lacrimale des Mikulicz'schen Symptomenkomplexes bei Lymphogranulomatose. Radiol. Rdsch., 1938, 7: 198-203.

— Forensic aspect.

Bloch, P. G. *Lymphogranulom nach Trauma. 36p. 8°. Marb., 1931.

Gérone, A. Ueber Lymphogranulomatose und Unfall. Aerzt. Sachverst. Ztg., 1927, 33: 243-9.—**Hirsch, S.** Lymphogranulomatose und Unfall. Klin. Wschr., 1930, 9: 1872-5.—**Keschner, M.** A case of Hodgkin's disease with compression of the spinal cord, following trauma to the back; medico-legal considerations. J. Mount Sinai Hosp. N. York, 1938-39, 5: 301-10. Also repr.—**Kissinger, P.** Lymphogranulomatose und Unfall? Aerzt. Sachverst. Ztg., 1929, 35: 363-6.—**Kretschmer, M.** Lymphogranulomatose und Unfall. Ibid., 1934, 40: 131-4.—**Müller, K.** Lymphogranulomatose und Trauma. Med. Welt, 1937, 11: 852-4.—**Workmen's compensation acts;** Hodgkins disease attributed to trauma. J. Am. M. Ass., 1936, 107: 994.

— Frequency, and pathogeography.

Uddströmer, M. On the occurrence of lymphogranulomatosis (Sternberg) in Sweden 1915-31 and some considerations as to its relation to tuberculosis. 225p. 8°. Kbh., 1934.

Bercovitz, N. Hodgkin's disease in Hainan, China. Chin. M. J., 1934, 48: 1070.—**Le Roy des Barres & Babet.** Un cas de granulomateuse maligne chez un Tonkinois. Bull. Ass. fr. cancer, 1930, 19: 43-9.—**Litteck, I.** Die regionale Verteilung des malignen Granuloms in Ostpreussen. Deut. med. Wschr., 1928, 54: 960-2.—**Rencki, R.** [Malignant granulomatosis in Poland] Polsk. arch. med. wewn., 1938, 16: 437.—**Smith, A. C. S.** Note on a case of Hodgkin's disease in Uganda. Tr. R. Soc. Trop. M. Hyg., Lond., 1930-31, 24: 357.—**Smith, E. C.** Hodgkin's disease in natives of Nigeria; results of the biological test. Lancet, Lond., 1935, 2: 874-7.—**Sung, J. K. S., Taylor, H. B., & Roots, L. H.** Hodgkin's disease in North Anhwei; report of a case. Chin. M. J., 1937, 52: 279.—**Zechnall, W.** Ueber die Lymphogranulomatose in Südbaden. Deut. Arch. klin. Med., 1936, 179: 38-50.

— Genitourinary organs.

Cornic, H. J. *Une forme nouvelle de la maladie de Hodgkin; la granulomateuse maligne à type de néphrose lipodique [Paris] 55p. 24cm. Rennes, 1939.

Beck, D. Hodgkin's disease with bilateral obstructive pyelonephritis due to infiltration of ureters. J. Mount Sinai Hosp. N. York, 1935-36, 2: 126-9.—**Braitenberg, H. von.** Ein Fall von periureteraler Lymphogranulomatose. Frankh. Zschr. Path., 1937-38, 51: 521-3.—**Burger, P.** Lymphogranulomatose pelvienne. Bull. Soc. obst. gyn. Paris, 1932, 21: 585.—**D'Aunoy, R., & Schenken, J. R.** Lymphogranuloma as a cause of pelvic inflammatory disease. J. Am. M. Ass., 1938, 110: 799.—**Duvour, M., Pollet, L. [et al.]** Forme anurique de la lymphogranulomatose maligne. Bull. Soc. méd. hôp. Paris, 1936, 3. ser., 52: 1617-23.—**Esau, P.** Lymphogranulomatose des weiblichen Genitales. Zbl. Gyn., 1932, 56: 841-4.—**Findlay, H. V.** Metastases of Hodgkin's disease to left testicle. Urol. Cut. Rev., 1937, 41: 25-7.—**Lewinski, H.** Lymphogranulomatose des weiblichen Genitale. Zbl. Gyn., 1930, 54: 2824-6.—**Schüler, K.** Beitrag zur Frage der Lymphogranulomatose in den harnableitenden Organen. Zschr. urol. Chir., 1935-36, 41: 253-9.—**Szenes, A.** Lymphogranulomatose der inneren weiblichen Genitalien und der Harnblase. Zschr. Geburtsh. Gyn., 1929, 96: 121-37.—**Weiser, J.** Zur Frage der Hepatonephritis; hepatorenale Insuffizienz bei einem Lymphogranulom. Zschr. klin. Med., 1936, 130: 621-35.

— Hematopoietic system.

See also subheading Blood picture.

Hafez Bandaly, A. *Sur un cas de maladie de Hodgkin avec anémie grave. 53p. 8°. Par., 1935.

Kartun, P. *Quelques considérations à propos d'un cas de maladie de Hodgkin à forme d'anémie grave prolongée. 30p. 25½cm. Par., 1939.

Amelio, F. Morbo di Hodgkin con ittero emolitico. Studium, Nap., 1936, 26: 147-51.—**Askanazy, M.** Lymphogranulom des Knochenmarks. Verh. Deut. path. Ges., 1921, 18: 78-83.—**Braitenberg, H. von.** Lymphogranulomatose mit hämolytisch-anämischem Syndrom. Frankh. Zschr. Path., 1937-38, 51: 515-20.—**Cooper, E. L.** Hodgkin's disease: some clinical aspects, with special reference to the effects upon the hematopoietic tissues and the nervous system. Med. J. Australia, 1935, 1: 585-90.—**Dalla Volta, A.** Linfogranulomatosis maligna con aleucia emorragica. Arch. pat., Bologna, 1928, 7: 167-91.—**Daloux & Fabre, J.** Maladie de Hodgkin avec anémie splénique pernicieuse. Paris méd., 1933, 89: 39-43.—**Emanuele, S., & Archi, A.** Linfogranulomatosis midollare diffusa. Haematologica, Pavia, 1934, 15: 645-61, ch.—**Gautier-Villars, P., & Thoyer, M. G.** Sur un cas de maladie de Hodgkin avec anémie intense. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 1098-104.—**Henke.** Lymphogranulom im Knochenmark. Berl. klin. Wschr., 1921, 58: 1515.—**Herscher, H.** Hodgkin's disease of bone marrow and liver without apparent involvement of lymph nodes. Am. J. Roentg., 1936, 35: 73-7.—**Horák, J.** [Hyperchromic anemia of the pernicious type in lymphogranulomatosis] Cas. lek. česk., 1934, 73: 628-31.—**Jaffé, R. H.** Agranulozytärer Symptomenkomplex bei Hodgkinschem Lymphogranulom. Münch. med. Wschr., 1926, 73: 2012-4.—**Krumbhaar, E. B.** Hodgkin's disease of bone marrow and spleen without apparent involvement of lymph nodes. Am. J. M. Sc., 1931, 182: 764-9, 2 pl.—**Laurès, G.** Lymphogranulomatose maligne avec forte hypoglobulie, absence d'éosinophiles, prurit atténué. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 1065-8.—**Marchal, G., Soulié, P. [et al.]** Un cas de lymphogranulomatose maligne, à début aigu et à forme anémique avec syndrome de Mikulicz. Ibid., 1936, 3. ser., 52: 1456-63.—**Marin, P.** Linfogranuloma maligno agranulocitico. Minerva med., Tor., 1927, 7: 597-603.—**Pilkington, F.** Agranulocytic angina complicating Hodgkin's disease. Lancet, Lond., 1932, 1: 1307.—**Sameke, E., & Archi, A.** Anemia progresiva eritroleucoplastrinopenica sintoma dominante di una linfogranulomatosi midollare. Atti Accad. fisioer. Siena, 1933, 11. ser., 1: 61-3.—**Siegenbeek van Heukelom, H.** [Case of malignant granuloma; panmyelophthisis] Geneesk. tschr. Ned. Indië, 1936, 76: 1013.—**Townsend, S. R., & Braunstein, A. L.** Hyperchromic macrocytic anemia in association with Hodgkin's disease. Canad. M. Ass. J., 1939, 41: 254-7.—**Uher, V.** [Lymphogranulomatosis and the hemopoietic apparatus] Bratisl. lek. listy, 1936, 16: 379-88.

— Manifestations.

Noirot, J. *Les syndromes granulomateux malins. 91p. 8°. Par., 1928.

Salm, H. *Ueber die klinische Erscheinungen der Lymphogranulomatose [Kiel] 28p. 8°. Würzb., 1932.

Baumgarten, W. Some manifestations of Hodgkin's disease. Tr. Am. Ther. Soc., 1938, 35: 148.—**Burke, G. T., & Hamid, M. A.** An unusual case of jaundice associated with Hodgkin's

disease. Ind. M. Gaz., 1935, 70: 147.—**Ducamp & Rimbaud**, P. Forme douloureuse de la maladie de Hodgkin. Arch. Soc. sc. méd. biol. Montpellier, 1931, 12: 159-62.—**Durand**, H. La lymphogranulomatosose maligne; maladie de Hodgkin. J. méd. chir. Par., 1928, 99: 505-17.—**Flinn**, R., **Stroud**, R. J., & **Lyart**, P. Pain in lumbar region and jaundice (diagnostic discussions). Southwest J. M. & S., 1933, 17: 310-2.—**Gomez**, D. M. L'exagération de l'opacité aortique comme seul signe radiologique ayant précédé une maladie de Hodgkin. Arch. mal. cœur, 1931, 24: 636-9.—**Harvey**, E. Relation of Hodgkin's disease and the leukaemias to gastric disorders. Brit. M. J., 1938, 2: 833.—**Martínez Báez**, M. Algunas consideraciones acerca de las manifestaciones viscerales de la enfermedad de Hodgkin. Gac. méd., Méx., 1933, 64: 357-86.—**Means**, J. H. The symptomatology of lymphoma; its endless variety. J. Am. M. Ass., 1939, 113: 646-9.—**Merklen**, P. Les souffrances dans la lymphogranulomatosose. Médecine, Par., 1932, 13: 209-13.—**Pel**, P. K. Zur Symptomatologie der sog. Pseudo-Leukämie. Berl. klin. Wschr., 1885, 22: 3-7.—**Rae**, A. S. L. A case of Hodgkin's disease with cutaneous and cerebral manifestations. Edinburgh M. J., 1939, 46: 400-5.—**Sabrazès**, J. Episodios pseudo-leucémicos hemorrágicos, suraigus et à rechutes, au cours d'une lymphadénomatosose chronique. Gaz. sc. méd. Bordeaux, 1907, 28: 517-24.—**Scala**, V. Sulle manifestazioni primarie estragiangliari del granuloma maligno. Arch. pat., Bologna, 1938-39, 19: 296-315.—**Simonetti**, C. Sindrome itterica e gastrica da linfogranuloma addominale. Radiol. med., Milano, 1940, 27: 301-4.—**Vinciguerra**, M. An unusual manifestation of Hodgkin's disease. J. M. Soc. N. Jersey, 1930, 27: 655-7.

— Manifestations: Fever [Pel-Ebstein type]

BARBROCK [F.] W. *Ueber Pseudoleukämie mit recurrierendem Fieberverlauf. 25p. 8°. Kiel, 1890.

FISCHMANN, R. *Fünf Fälle von Pseudoleukämie mit besonderer Berücksichtigung der Temperatur. 29p. 8°. Berl., 1912.

FORTIN, R. *Contribution à l'étude de la forme pseudo-mélicococcique de la lymphogranulomatosose maligne. 70p. 8°. Par., 1935.

MACNALLY, A. S. An investigation of lymphadenoma with relapsing pyrexia. 86p. 8°. Lond., 1928.

SCHLANGE, E. *Ueber zyklisches Fieber; zugleich ein Beitrag zur Casuistik des Lymphogranuloms. 16p. 8°. Tüb., 1928.

Abrahams, A. Lymphadenoma with periodic pyrexia (Pel-Ebstein disease). Lancet, Lond., 1919, 2: 424.—**Braunack**, H. Ueber einen Fall von multipler Lymphombildung (Hodgkinscher Krankheit) welcher unter hohem Fieber, Icterus und Nephritis zum Tode führte. Deut. Arch. klin. Med., 1888-89, 44: 297-310.—**Chistovich**, N. Y. [Pseudoleukaemia with periodic fever] Russ. vrach, 1906, 5: 1265-8.—**Du Bois**, A. H. Lymphogranulomatosose maligne aiguë pseudo-septicémique. Sang, Par., 1937, 11: 374-91.—**Formes** fébriles monosymptomatiques de la lymphogranulomatosose maligne. Rev. prat. biol. appl., Par., 1938, 31: 211.—**Goldschmidt**, A. Ueber einen Fall von Pseudoleukaemia mit intermittierendem Fieber und gleichzeitiger Glykosurie. Münch. med. Wschr., 1901, 48: 1569.—**Grenet**, H., **Isaac-Georges**, P., & **Braut**, A. Maladie de Hodgkin à forme de fièvre ondulante. Bull. Soc. méd. hôp. Paris, 1936, 3. ser., 52: 1598-603. Also J. méd. Paris, 1937, 57: 145-7.—**Hall**, A. J., & **Douglas**, J. S. C. On relapsing pyrexia in lymphadenoma, with an account of a case. Q. J. Med., Oxf., 1922-23, 16: 22-32, 4 pl.—**Jackson**, H., jr. Fever as the main symptom of malignant lymphoma. Med. Clin. N. America, 1932, 15: 983-90.—**Jakob**, R., & **Ripoll**, J. B. Sobre la forma larvada, febril o tifoidea de la granulomatosis maligna. Prensa méd. argent., 1932, 19: 1312-8.—**Jüngerhans**, J. J. [Chronic recurrent fever in an apparently very latent form of malignant granuloma] Geneesk. gids, 1937, 15: 407-11.—**Lemierre**, A. Sur 2 cas de maladie de Hodgkin ayant évolué sous l'aspect d'une fièvre ondulante. In his Mal. infect., Par., 1937, 118-35.

— Las formas febriles monosintomáticas de la linfogranulomatosis maligna. Dia méd., B. Air., 1938, 10: 1092. Also Rev. gén. clin. théor., 1938, 52: 305-7.—**L'Esperance**, E. S. A case of Pel-Ebstein's syndrome of tuberculous origin. J. Immun., Balt., 1930, 18: 133-9.—**MacNally**, A. S. Lymphadenoma with relapsing pyrexia. Q. J. Med., Oxf., 1911-12, 5: 58-108, 3 pl. Also Brit. M. J., 1928, 1: 819.—**Mavor**, O. H. The Pel-Ebstein pyrexia, with involvement of the central nervous system; notes of a case. Glasgow M. J., 1924, 101: 23-31.—**Mazet**. Lymphogranulomatosose, fièvres ondulantes et ultra-virus. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 89-99.—**Melton**, R. R. A report of a case of Hodgkin's disease presenting the Pel-Ebstein type of remittent fever with chills and a generalized pruritus. J. Kansas M. Soc., 1935, 36: 140-3.—**Mendelson**, R. W., & **Royer**, E. E. Hodgkin's disease of the Pel-Ebstein type. Am. J. Digest. Dis., 1936-37, 3: 851-3.—**Mengoli**, V. La forma febrile della lipogranulomatosis nodulare sottocutanea recidivante. Arch. pat., Bologna, 1940, 20: 222-50.—**Merklen**, P., **Waiz**, R., & **Kabaker**, J. Syndrome ganglionnaire granulomateux fébrile avec leucopénie, neutropénie

légère, lymphopénie et plasmocytose terminale. Presse méd., 1932, 40: 1509.—**Michon & Loth**. De la fièvre dite ondulante au cours de la maladie de Hodgkin. Rev. méd. Nancy, 1938, 66: 430-3.—**Napier**, L. E., **Chaudhuri**, R. N., & **Sen Gupta**, P. C. Hodgkin's disease of the Pel-Ebstein type: some unusual findings. Ind. M. Gaz., 1937, 72: 140-2, pl.—**Paviot**, **Leyrat**, & **Jarricot**, H. Un cas de granulome malin à forme de septicémie subaiguë. Lyon méd., 1932, 150: 413-8.—**Rimbaud**, L., **Serre**, H., & **Godlewski**, M. Evolution purement fébrile d'une maladie de Hodgkin initialement ganglionnaire. Arch. Soc. sc. méd. biol. Montpellier, 1938, 19: 230-5.—**Seyfarth**, C. Ueber Hodgkinsche Krankheit (Lymphogranulom) mit periodischer Fiebersteigerung. In Arb. Tropenkrankh. (Festschr. B. Nocht) Hamb., 1927, 517-31.—**Shaw**, H. B. A contribution to the study of fever in lymphadenoma, with special reference to 17 reported cases of terminal recurrent fever in lymphadenoma and sarcomatous disease. Edinburgh M. J., 1901, n. ser., 10: 501-12, pl.—**Simon**, A. Pseudoleukaemia cum febris recurrenti. Now. lek., Poznań, 1911, 23: 416-9.—**Vickery**, H. F. Pseudoleukemia with chronic relapsing fever. Tr. Ass. Am. Physicians, 1902, 17: 176-81. Also Internat. Clin., 1902, 12, 2: 89-91, ch.—**Weill**, O., **Rahier**, C., & **De Walsche**. La lymphogranulomatosose maligne à fièvre ondulante. Bruxelles méd., 1933-34, 14: 94-102.

— Metabolism.

Cornil, L., & **Paillas**, J. E. Sur les variations de la glycémie dans la maladie de Hodgkin. Progr. méd., Par., 1934, 1273.—**Holbøll**, S. A. [Researches on basal metabolism in patients with leukemia and lymphogranulomatosis] Ugeskr. læger, 1928, 90: 311-9.—**Jolles**, A. Sulla ricerca del nucleohiston nell'urina in un caso di pseudoleucemia. Gior. farm., Trieste, 1897, 2: 110. Also Wien. med. Presse, 1897, 38: 472.—**Vogt**, A. Ueber den Vitamin C-Verbrauch bei Tumorkranken und bei der Lymphogranulomatose. Strahlentherapie, 1939, 65: 616-23.—**Woodard**, H. Q., & **Craver**, L. F. Serum phosphatase in the lymphomatoid diseases. J. Clin. Invest., 1940, 19: 1-7.

— Nervous system.

CHAMPENOIS, L. *Les accidents nerveux au cours de la maladie de Hodgkin. 126p. 8°. Par., 1929.

TABUSSE, L. *Contribution à l'étude des complications radiculo-médullaires de la granulomatosose maligne. 112p. 8°. Lyon, 1937.

Adson, A. W. Neurological cases. Proc. Interst. Postgrad. M. Ass. N. America, 1933, 102-4.—**Blakeslee**, G. A. Spinal cord compression in Hodgkin's disease; report of a case of Hodgkin's disease of 13 years' duration. Arch. Neur. Psychiat., Chic., 1927, 18: 142-4. — Compression of the spinal cord in Hodgkin's disease; a case of 13 years' duration with recession of symptoms following Roentgen-ray therapy. Ibid., 1928, 20: 130-7.—**Bouchet & Clerc**. Paralysie récurrentielle bilatérale au cours d'une maladie de Hodgkin; présentation de malade. Ann. otolaryng., Par., 1939, 395.—**Cain**, **Rachet**, & **Horowitz**. Deux observations de paralysie par localisation méningée au cours de la maladie de Hodgkin. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 1498-508.—**Carslaw**, J., & **Young**, J. S. Case of Hodgkin's disease, with paraplegia and other somewhat rare complications. Glasgow M. J., 1927, 108: 193-206, 8 pl.—**Chilla**, A. Di alcune tra la più importanti modificazioni del sistema neuro-vegetativo ed endocrino nella linfogranulomatosis. Fol. med., Nap., 1932, 18: 3-45.—**Cooper**, M. J. Lymphogranulomatosis maligna (Hodgkin's disease) with invasion of the spinal canal and paraplegia. J. Am. M. Ass., 1934, 102: 917-21.—**Delius**, L. Rückenmarkskompression durch Lymphogranulomatosose. Deut. Zschr. Nervenhe., 1932, 125: 142-7.—**Favre**, M., **Dechaume**, J., & **Croizat**, P. Les formes nerveuses de la granulomatosose maligne; étude anatomoclinique. J. méd. Lyon, 1931, 12: 757-66.—**Ferroni**, F. Su di un caso di linfogranuloma maligno con manifestazioni nervose. Gazz. osp., 1939, 60: 587-93.—**Florit**, A. Peri-neuritis nodular por linfogranulomatosose. Rev. urug. dermat. sif., 1938, 3: 331-5.—**Forrest**, D. A case of transient paraplegia in Hodgkin's disease. Lancet, Lond., 1927, 2: 809.—**Frets**, G. P. [Case of lymphogranulomatosis with mental disturbances] Ned. tsschr. geneesk., 1928, 72: pt 2, 3866-71.—**Froment**, J., **Croizat**, P., & **Masson**, R. Des compressions radiculo-médullaires dans la granulomatosose maligne. J. méd. Lyon, 1938, 19: 71-87.—**Ginsburg**, S. Hodgkin's disease; with predominant localization in the nervous system; early diagnosis and radiotherapy. Arch. Int. M., 1927, 39: 571-95.—**Goormaghtigh**, N. Les complications nerveuses médullaires du lymphogranulome et du lymphosarcome. Bull. Acad. méd. Belgique, 1932, 5. ser., 12: 116-56. Also Cancer, Brux., 1932, 9: 13-33.—**Goralewski**, G. Querschnittsbild bei Lymphogranulomatosose. Mschr. Psychiat., 1934, 88: 353-62.—**Jobin**, J. B., & **Auger**, C. A propos d'un cas de maladie de Hodgkin à forme nerveuse. Laval méd., 1939, 4: 107-15.—**Johnsson**, V. [Lymphogranulomatosis with nervous symptoms; 4 cases] Hygiea, Stockh., 1931, 93: 39-54.—**Judin**, S. Ein Fall von operativem Eingriff wegen Lymphogranulom des Halsmarks; eine seltene Komplikation eines Morbus Hodgkini. Arch. klin. Chir., 1928, 150: 317-21.—**Knoflach**, I. G. Paraplegie bei Lymphogranulomatosose. Deut. Zschr. Chir., 1933, 240: 382-9.—**Környey**, S. Aufsteigende Lähmung und Korsakowsche Psychose bei Lymphogranulo-

matose. Deut. Zschr. Nervenhe., 1932, 125: 129-41.—**Konovalov, N. V., & Khondkarian, O. A.** [Pathogenesis and clinical aspect of affections of the central nervous system in lymphogranulomatosis] Sovet. nevropat., 1932, 1: 190. Also Arch. Psychiat., Berl., 1931, 95: 350-63.—**Lurie, Z. L.** [Affections of the nervous system in lymphogranulomatosis] Sovet. psikhonev., 1939, 15: No. 2, 49-57.—**McAlpine, D., & Pearson, J. E. G.** Hodgkins' disease complicated by spinal (? epidural) and cerebral deposits. Tr. M. Soc. London, 1939, 62: 69-72.—**Mann, L., & Mathias, E.** Ueber spinale Querschnittsläsion als Anfangerscheinung bei Lymphogranulomatose. Zschr. ges. Neur. Psychiat., 1933, 147: 237-43.—**Martin, H. E., & Courville, C. B.** Hodgkin's disease with involvement of the cranial dura mater. Bull. Los Angeles Neur. Soc., 1936, 1: 145-8.—**Paullin, J. E.** Central nervous system manifestations of lymphogranuloma. Tr. Ass. Am. Physicians, 1931, 46: 252-7. Also Internat. Clin., 1931, 4: 192-6. Also In Barker Festschrift, 1932, 468-72.—**Penta, P.** Studio clinico ed anatomico-patologico di un caso di linfogranuloma epidurale. Riv. otoneur., 1940, 17: 77.—**Plá, J. C., Pérez-Sánchez, A., & Pereira-Granotich, J.** Síndromes neuro-linfogranulomatosos. Arch. urug. med., 1939, 14: 513-31.—**Polichetti, E.** Lesioni nervose da granuloma maligno (osservazione clinica di paraplegia spastica agli arti inferiori e flaccida ai superiori) Clin. chir., Milano, 1937, 40: 381-403.—**Poynton, F. J., & Harris, K. E.** A case of paraplegia in Hodgkin's disease. Lancet, Lond., 1930, 2: 903.—**Puig, R.** Sur un cas de compression médullaire au cours de la lymphogranulomatose maligne. J. méd. Lyon, 1933, 14: 25-30.—**Risak, E.** Lymphogranulomatose und Nervensystem. Wien. klin. Wschr., 1936, 49: 452-5.—**Roussel, S.** Epilepsie et manifestations intracrâniennes dans la maladie de Hodgkin. Progr. méd., Par., 1937, 206-10.—**Røvig, G.** [Affection of the spinal column with early symptoms of lymphogranulomatosis] Norsk. mag. laegevid., 1937, 98: [Forh. kir. foren. Oslo] 72-7.—**Runeberg, J. W.** Ett fall af medullär pseudo-leukämi. Fin. lak. säll. hand., 1882, 24: 209-21.—**Sarma, P. J.** Lymphogranuloma of the epidural space. Internat. Clin., 1933, 43, ser., 2: 181-4, pl.—**Schaeffer, H., & Horowitz, A.** Les accidents nerveux dans la maladie de Sternberg. Presse méd., 1930, 38: 403-6.—**Shapiro, P. F.** Changes in the spinal cord in Hodgkin's disease; report of 2 cases, with an unusual skin manifestation in one. Arch. Neur. Psychiat., Chic., 1930, 24: 509-24.—**Stewart, H. H.** Hodgkin's disease with spinal cord involvement. Ulster M. J., 1938, 7: 68-70.—**Von Hagen, K. O.** Lymphogranuloma (Hodgkin's disease) with involvement of the spinal cord. Bull. Los Angeles Neur. Soc., 1937, 2: 20-5.—**Wahlqvist, S.** [Case of lymphogranulomatosis with serous meningitis] Sven. lak. tidn., 1934, 31: 171-3.—**Weber, F. P.** Paraplegia in lymphogranulomatosis maligna (Hodgkin's disease) and leukaemia, and the question of there being a Hodgkin sarcoma as well as a Hodgkin granuloma. Internat. Clin., 1926, 36, ser., 1: 126-35, pl.—**Weil, A.** Spinal cord changes in lymphogranulomatosis. Arch. Neur. Psychiat., Chic., 1931, 26: 1009-26.—**Winkelman, N. W., & Moore, M. T.** Lymphogranulomatosis, Hodgkin's disease, of the nervous system. Ibid., 1941, 45: 304-18. Also J. Nerv. Ment. Dis., 1941, 93: 82-4.

Pathogenesis.

BRENK-MOSZKOWICZ, I. *Beitrag zur Frage der Lymphogranulomatose [Zürich] 56p. 8° Horgen, 1930.

CHANDLER, G. P. Allergy in relation to lymphadenoma. 104p. 8° Lond., 1934.

FOULON, P. *La place nosologique de la lymphogranulomatose (étude clinique, anatomique, physio-pathologique et rapports avec certaines affections voisines) 185p. 8° Par., 1932.

KNOCH, H. H. von. *Beitrag zur Lymphogranulomatose. 23p. 8° Königsb., 1928.

Also Prakt. Arzt., Lpz., 1928, 13:

MARTENS, L. [O.] *Der gegenwärtige Stand unserer Kenntnisse von der Lymphogranulomatosis. 33p. 8° Bonn, 1929.

SCHRETZENMAYR, A. *Die neueren Auffassungen über die Lymphogranulomatose. 54p. 8° Rost., 1929.

Arciszewski, W. [Pathogenesis of malignant granuloma] Polska gaz. lek., 1927, 6: 531.—**Bingold, K.** Die Tonsillen als Eintrittspforte und Sitz der Erkrankung bei Lymphogranulomatose. Deut. Arch. klin. Med., 1938, 182: 338-45.—**Bohnenkamp, H., Uhlenhuth, P., & Wurm, K.** Zur Frage der Hodgkinschen Lymphogranulomatose. Klin. Wschr., 1936, 15: 1025-8.—**Braitenberg, H. von.** Ueber angeborene Lymphogranulomatose. Beitr. path. Anat., 1938, 101: 301-18.—**Cailliau.** Etude sur le lymphadénome malin. Gaz. hôp., 1911, 84: 1399-401.—**Ceresoli, A.** Sulla natura del linfogranuloma maligno (morbo di Hodgkin) Clin. med. ital., 1926, 57: 504-38.—**Chodkowska, S., & Chodkowski, K.** [Histology and histogenesis of lymphogranulomatosis] Nowiny lek., 1938, 50: 105; 146; 179.—**Cohn, S., & Richter, M.** Modern views on Hodgkin's disease. Med. Rec., N. Y., 1938, 148: 243-6.—**Dalla Volta, A.** Questioni etio-patogenetiche nel granuloma maligno; fenomeni regressivi e pseudoparassitismo nel tessuto di Sternberg. Arch.

pat., Bologna, 1925, 4: 437-58, 2 pl.—**Faure-Beaulieu & Brun, C.** A propos de la pathogénie de la lymphogranulomatose maligne. C. rend. Congr. internat. lymph., 1934, 1. Congr., 12-5.—**Freifeld, H.** Bösartiges Wachstum bei Lymphogranulomatose (ein Beitrag zur Frage des bösartigen Wachstums) Virchows Arch., 1928, 270: 179-91.—**Grandclaude, C.** Les données actuelles du problème de la lymphogranulomatose. Echo méd. nord, 1931, 35: 531-3.—**Hickey, E.** The present state of our knowledge with regard to Hodgkin's disease. Ulster M. J., 1936, 5: 101-6, 8 pl.—**Hückel, R.** Zur Lehre von der Lymphogranulomatose. Med. Klin., Berl., 1936, 32: 1309-11.—**Jeanselme, E., & Marchal, G.** Commentaires sur un cas de maladie de Hodgkin à évolution aiguë; dissémination par la voie sanguine d'embolies à cellules de Sternberg; réaction de Bordet-Wassermann oscillante. Ann. méd., Par., 1926, 20: 5-26.—**Jona, G., & Dalla Torre, G.** Considerazioni sul linfogranuloma maligno. Policlinico, 1932, 39: sez. med., 25-47.—**Knapp, E.** Zur Frage des malignen Granuloms. Hals & c. Arzt, 1939, 30: 102-5.—**Körmöczy, E.** [Contribution to the study of cryptogenetic malignant granuloma] Magy. orv. arch., 1911, ü. f., 12: 402; 468.—**L'Esperance, E. S.** Studies in Hodgkin's disease. Ann. Surg., 1931, 93: 162-8.—**Lignac, G. O. E.** Zur lymphogenen Verbreitung des Lymphogranuloms. Krankheitsforschung, 1931, 9: 125-38.—**Manai, A.** Osservazioni e considerazioni sulla linfogranulomatosis maligna con speciale riguardo alla sua evoluzione blastomatosa. Arch. ital. anat., 1932-33, 30: 1-32, 6 pl.—**Medlar, E. M.** An interpretation of the nature of Hodgkin's disease. Am. J. Path., 1931, 7: 499-513, 9 pl.—**Hornbaker, J. H., & Ordway, W. H.** An interpretation of the nature of Hodgkin's disease. Fol. haemat., Lpz., 1937, 57: 52-77, pl.—**Nicolaev, N. M., & Zimble, I. W.** Beitrag zur Frage der Lymphogranulomatose. Zschr. Kinderh., 1929-30, 148: 678-86.—**Priesel, A., & Winkelbauer, A.** Placentare Übertragung des Lymphogranuloms. Virchows Arch., 1926, 262: 749-65.—**Pullingar, B. D.** Histology and histogenesis. In Rose Res. Lymphaden., Brist., 1932, 115-36, 24 pl.—**Sabrazes, J.** Sur la lymphogranulomatose maligne. C. rend. Soc. biol., 1926, 95: 1354-6.—**Scalag, G.** L'istogenesi del linfogranuloma con particolare riguardo alla dottrina blastomatosa. Fol. med. Nap., 1930, 16: 698-709.—**Signorelli, A.** Linfomatosi diffusa di origine timica. Arch. lat. med. biol., Madr., 1903, 1: 142-52.—**Spjarny, J.** Zur Frage der bösartigen Lymphome (Lymphoma malignum) Deut. med. Wschr., 1902, 28: 841.—**Stein, H.** Zur Frage der Pseudoleukämie. Wien. med. Wschr., 1897, 47: 1045-9.—**Uhlenhuth, P., & Wurm, K.** [et al.] Untersuchungen zum Problem der Hodgkinschen Krankheit. Zschr. ges. exp. Med., 1939, 105: 205-65.—**Ungar, M.** [Pathogenesis, etiology and therapy of 2 rare cases of malignant granuloma] Polska gaz. lek., 1929, 8: 793-6.—**Villa, L.** Contribution à l'étude de la morphogénese des cellules de Sternberg dans la maladie de Hodgkin. Rev. belge sc. méd., 1929, 1: 593-6, 2 pl.—**Warthin, A. S.** The genetic neoplastic relationships of Hodgkin's disease, aleukemic and leukemic lymphoblastoma, and mycosis fungoides. Ann. Surg., 1931, 93: 153-61.—**Weber, F. P., & Bode, O. B.** Betrachtungen über die Lymphogranulomatosis maligna. Münch. med. Wschr., 1932, 79: 744. Also repr.—**Wellbrock, W. L. A., & Loughery, H. B.** The nature of Hodgkin's disease. Am. J. Clin. Path., 1931, 1: 455-62.

Pathology.

FAVRE, M., CROIZAT, P. [et al.] Caractères anatomo-cliniques de la granulomatose maligne. 209p. 25½cm. Par., 1932.

Also Ann. anat. path., Par., 1931, 8: 838-914.

GLIENKE, H. *Ueber die Lymphogranulomatose und den Ausfall der unspezifischen Entzündungsreaktion bei ihr. 58p. 22½cm. Greifswald, 1936.

ROSE research on lymphadenoma. 136p. 8° Brist., 1932.

SALINGER, A. *Ein kasuistischer Beitrag zur pathologischen Anatomie der sogen. malignen Lymphome [Königsberg] 22p. 8° Rastenburg, 1912.

SCHACHT, K. O. *Lymphogranulomatose und Lymphosarkomatose [Münster] 32p. 8° Bochum-Langendreer, 1933.

SCHWEGMANN, K. *Ueber Lymphogranulomatosis besonders des Halses. 34p. 8° Kiel, 1933.

Arpino, G. Granuloma maligno e linfosarcoma. Fol. med., Nap., 1932, 18: 926.—**Aubertin, C., & Destouches.** Sur un cas de lymphogranulomatose maligne avec intégrité de la rate. Bull. Soc. méd. hôp. Paris, 1927, 3, ser., 51: 245-53.—**Barron, M.** Unique features of Hodgkin's disease (lymphogranulomatosis) with report of 3 unusual cases and a summary of 24 cases studied at necropsy. Arch. Path., Chic., 1926, 2: 659-90.—**Bonnel.** La maladie de Hodgkin ou lymphogranulomatose maligne. Arch. méd. pharm. mil., 1933, 98: 1-35.—**Bozzolo, C.** Sulla pseudo-leucemia ganglionare. Clin. mod., Pisa, 1897, 3: 381; 389.—**Braitenberg, H. von.** Beiträge zur

- pathologischen Anatomie und Histologie der Lymphgranulomatose innerer Organe (mit besonderer Berücksichtigung der Histologie der Lymphgranulomatose der Lunge und Bauchspeicheldrüse). Virchows Arch., 1938, 302: 63-88.—**Brandt, M.** Beitrag zur pathologischen Anatomie der Lymphgranulomatose. Ibid., 1929, 272: 400-10.—**Buchanan, R. M.** A case of Hodgkin's disease associated with amyloid disease, and showing absorption of amyloid substance in the spleen. Glasgow M. J., 1889, 32: 117-29.—**Buday, K.** Pathologische Anatomie und Histopathologie der Lymphgranulomatose. Verh. ungar. ärztl. Ges., 1930, 2: 18-20.—**Cailliau, L.** Lymphadénome malin. Bull. Soc. anat. Paris, 1911, 87: 485-91.—**Canculescu, Eschenasy & Hirsch, R.** Recherches faites dans un cas de Hodgkin médiastino-pleural sur la physio-pathologie des doigts hypocratiques. Bull. Soc. méd. hôp. Bucarest, 1927, 9: 133-40.—**Casazza, R.** Le tre linfogranulomatosi della moderna dermatologia. Gazz. osp., 1940, 61: 203-9.—**Corten, M. H.** Die eosinophilen Lymphome der Hühnervögel und ihre Bedeutung für die Frage der Gewebeeosinophilie und der Lymphgranulomatose beim Menschen. Virchows Arch., 1927, 264: 400-9.—**Davis, W. B.** The biological aspects of Hodgkin's disease. Ulster M. J., 1935, 4: 79-86.—**Di Giuseppe, F.** Contributo allo studio della linfogranulomatosi maligna. Ann. med. nav., Roma, 1938, 44: 24-7.—**Doença de Hodgkin;** relatório de necropsia. An. Fac. med. Recife, 1934, 1: 53-7; 3 pl.—**Faver, Croizat & Guichard.** Caractères anatomocliniques de la granulomatose maligne. Rev. méd. fr., 1932, 13: 747-59.—**Foulon, P.** A propos de quelques lésions extraganglionnaires de la lymphogranulomatose. Ann. anat. path., Par., 1932, 9: 725-44.—**Fraenkel, E.** Ueber die sogenannte Pseudoleukämie. Verh. Deut. path. Ges., 1912, 15: 5-21.—**Fraser, J., & Mekie, E. C.** A study of the lymphogranulomata. Edinburgh M. J., 1933, n. ser., 40: 445-81.—**Freifeld, H.** Lipoidzellige Hyperplasie bei Lymphogranulomatose. Virchows Arch., 1930, 277: 595-604.—**Galdi, F.** Linfogranuloma maligno e linfosarcoma: paralleli e rapporti nelle emopatie produttive. Riforma med., 1928, 44: 73-80.—**Ginsburg, S.** Lymphosarcoma and Hodgkin's disease: biologic characteristics. Ann. Int. M., 1934, 8: 14-36.—**Gordon, M.** Pathology and treatment of lymphadenoma. Lancet, Lond., 1934, 1: 736.—**Greil, A.** Morbus Hodgkin Polysklerosis. Zbl. inn. Med., 1939, 60: 529-34.—**Hamdi, H., & Saim-Alli.** Die histologischen Veränderungen der Lymphdrüsen bei der Granulomatose (Lymphomatosis granulomatosa) Frankf. Zschr. Path., 1932, 44: 338-42.—**Harman, J. B.** The leukaemias and Hodgkin's disease. Med. Press & Circ., Lond., 1940, 204: 22-5.—**Held, H.** Diffuse Erweichung und Einschmelzung bei Lymphgranulomatose. Zschr. klin. Med., 1936, 130: 247-55.—**Henschen, M.** Communications sur la lymphogranulomatose à propos des réticuloses. Ann. anat. path., Par., 1931, 8: 915.—**Hodgkins sarcoma.** Long Island M. J., 1928, 22: 164-6.—**Hueck, W.** Zur morphologischen Pathologie der Lymphgranulomatose. Klin. Wschr., 1936, 15: 1337-9.—**Jörg, M. E.** La anatomía patológica general de la linfogranulomatosis maligna de Hodgkin-Paltauf y Sternberg. Bol. Inst. clin. quir., B. Air., 1936-37, 12: 109-22. Also Sem. méd., B. Air., 1936, 43: 1741-54.—**Kaye-Scott, R., & Cooper, E. L.** Malignant transformation of Hodgkin's disease. Melbourne Hosp. Clin. Rep., 1934, 5: 46-8. pl.—**Kozlovski, P. I.** [Benda's malignant granuloma] Tr. Obsp. pat. S. Peterburg (1910-11) 1912, 49-51.—**Lambea, Valdés.** El síndrome de Hodgkin-Sternberg; patología y clínica. Med. ibera, 1930, 14: pt 2, 377-83.—**La Roy.** Les lymphomatoses systématisées. Ann. Soc. méd. Gand, 1909, 89: 209-26.—**Letterer, E.** Lipoidchemische Untersuchung einer xanthösen Lymphgranulomatose in ihrer Beziehung zur Handeisen Krankheit. Klin. Wschr., 1934, 13: 1046-8.—**Lévy-Franckel & Cailliau, F.** A propos de la communication de MM. Touraine, Lépagole et Mme. Nérét; leucémies cutanées; formes de passage entre les granulomatoses et les leucémies. Bull. Soc. fr. derm. syph., 1939, 46: 10-2.—**Liambias, J., & Tobias, J. W.** Linfogranuloma sarcomatoso. Rev. Soc. med. int., B. Air., 1928, 4: 507-20.—**McJunkin, F. A.** Supravital reaction to neutral red of the cells of lymph nodes of Hodgkin's disease. Arch. Path., Chic., 1926, 2: 815-21.—**Mallet, L., & Marchal, G.** Lymphogranulomatose maligne et lymphosarcomes. Commun. Internat. Congr. Sc. Campaign Cancer (1936) 1937, 2 Congr., 360-4.—**Manginelli, L.** Linfogranulomatosis maligna; reticulo-endotelioma maligno; linfosarcoma del mediastino. Rass. clin. sc., 1934, 12: 341-5.—**Mankin, Z. W.** Klinik, Diagnostik und pathologische Anatomie der Lymphgranulomatose auf Grund des Materials des 800.—**Mascher, W.** Zur Frage der Drüsenschmelzung bei Lymphgranulomatose. Acta med. scand., 1929, 70: 1-11.—**Merklen, P., Gounelle, H., & Warter, J.** Maladie de Hodgkin avec ramollissement des ganglions axillaires. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1243-5.—**Milian & Baussan.** Maladie de Hodgkin à tumeur énorme. Bull. Soc. fr. derm. syph., 1932, 39: 381-4.—**Moody, A. M.** Lymphosarcoma and Hodgkin's disease; pathological discussion. Pacific Coast M., 1940, 7: 36.—**Mousson, G. L.** Generalisierte Lymphgranulomatose von ungewöhnlicher Ausdehnung, unter dem klinischen Bilde der Mycosis fungoides verlaufend (ein Beitrag zur Frage der Verwandtschaft beider Krankheiten) Acta derm. vener., Stockh., 1929, 10: 186-228.—**Müller, E.** Ueber das Lymphgranulom der inneren Organe. Sitzber. Ges. Naturwiss. Marburg, 1927, 62: 435-59.—**Paltauf, R.** Ueber die Eintrittspforte des Virus der Lymphgranulomatose. Wien. klin. Wschr., 1929, 42: 437-9.—**Pappenheim, A.** Epikritisches Résumé zum Ergebnis der über den Begriff der Pseudoleukämie stattgehabten ersten Diskussion. Sitzber. Berl. harnat. Ges., 1910, 1: 40-7.—**Pathology and treatment of lymphadenoma.** Brit. M. J., 1934, 1: 635-7.—**Powazka, H., & Mańkowska, M.** [Hodgkin's disease and amyloidosis] Polska gaz. lek., 1931, 9: 834-8.—**Randall, E., jr.** Internal Hodgkin's disease. Texas J. M., 1938-39, 34: 751-3.—**Rietti, F.** Vecchio e nuovo in tema di granuloma maligno. Arch. pat., Bologna, 1935-36, 15: 211-38.—**Rulison, R. H.** Hodgkin's disease of the lymphatic system and of the skin. Arch. Derm. Syph. Chic., 1937, 35: 1202.—**Seo, S.** Ueber das sog. maligne Lymphom. Verh. Jap. path. Ges., 1918, 8: 229-31.—**Simonds, J. P.** Hodgkin's disease. Arch. Path., Chic., 1926, 1: 394-430. Also repr.—**Sternberg, C.** Ueber sogenannte Pseudoleukämie. Verh. Deut. path. Ges., 1912, 15: 22-41.—**Lymphogranulomatose und Reticuloendotheliose.** Erg. allg. Path., 1936, 30: 1-76.—**Stojalowski, K.** Beitrag zur Frage der Lymphgranulomatose. Virchows Arch., 1938, 302: 176-81.—**Supino, L.** Il linfogranuloma maligno. Tumori, Milano, 1930, 20: 274-365, 15 pl.—**Swan, W. G. A.** Hodgkin's disease and new growths of the lymphatic glands. Practitioner, Lond., 1936, 136: 273-80.—**Terplan, K.** Ueber eine eigenartige granulom-ähnliche Systemerkrankung. Verh. Deut. path. Ges., 1929, 24: 65-72 [Discussion] 73.—**Mittelbach, M.** Beiträge zur Lymphgranulomatose und zu anderen eigenartigen, verallgemeinerten Granulomen der Lymphknoten. Virchows Arch., 1929, 271: 759-866.—**Traut, E. F.** Spontaneous fistulas in lymphogranulomatosis. J. Am. M. Ass., 1927, 88: 1386.—**Türk, W.** Ein System der Lymphomatosen. Wien. klin. Wschr., 1903, 16: 1073-85.—**Udaondo, C. B., & Segura, G.** La degeneración amiloidea en la linfogranulomatosis. Rev. As. méd. argent., 1935, 49: 295-302.—**Valk, J. W. van der.** Sarcoïden en pseudoleukämie. Ned. tsschr. geneesk., 1916, 2: 1763.—**Wallhauser, A.** Hodgkin's disease. Arch. Path., Chic., 1933, 16: 522; 672.—**Weber, F. P.** La lymphogranulomatose maligne ou granulome de Hodgkin et la question du sarcome de Hodgkin. Strabourg méd., 1926, 84: 255-8.—**Weismann-Netter, R.** A propos des suppurations dans la lymphogranulomatose maligne. Bull. Soc. méd. hôp. Paris, 1937, 3. ser., 53: 1355.—**Young, J. S.** Hodgkin's disease; pathological aspects. Ulster M. J., 1935, 4: 75-8.—**Zolnán, S.** Eine seltene Rachenveränderung im Falle von Lymphgranulomatose. Mschr. Ohrenh., 1929, 3: 77-182.
- **Pathology, histological.**
- LUETKENS, K.** *Statistische und histologische Betrachtungen über die Hodgkinschen Granulomatose. 64p. 8°. Freib. i. B., 1934.
- SALOMON, A.** *Histologisches über Pseudoleukämie, Lymphosarkome und Syphilome. 35p. 8°. Würzb., 1905.
- Barchi, L.** Di una discordanza tra la sindrome clinica ed il quadro istopatologico del granuloma maligno. Riv. pat. clin. tuberc., 1935, 9: 849-59, 2 pl.—**Benda, C.** Zur Histologie der pseudoleukämischen Geschwülste. Verh. Deut. path. Ges., 1904, 7: 123-31.—**Busny, N.** Ueber die Verwandtschaft der Mycosis fungoides und der Lymphgranulomatose (Darstellung von Mikroorganismen in Geweben bei experimentellen Granulomen). Virchows Arch., 1931, 280: 626-39.—**Carballo, J. R.** Ueber einen Fall von sarkomatoidem plasmocellulären Lymphgranulom. Pol. haemat., Lpz., 1930-31, 43: 273-300.—**Ciechanowski, S.** Ueber die Eintrittspforte, den histologischen Entwicklungsgang und die Häufigkeitszunahme der malignen Granulomatose. Virchows Arch., 1938-39, 303: 206-22.—**D'Arbello, F., & Sanchini, G.** Studi sul linfogranuloma maligno; cristali di Charcot-Leyden nei tessuti invasi dal linfogranuloma maligno. Riv. clin. med., 1931, 32: 297-307, pl.—**Finnuci, V.** Reperto istologico di linfogranuloma in un caso di grande eosinofilia. Cancro, Tor., 1934, 5: 166-72.—**Foot, N. C.** Report on a case of unusual giant cell lymphgranuloma. Am. J. Clin. Path., 1936, 6: 278-85.—**Jones, G. W.** An historical review of Hodgkin's disease with special reference to its histology and characteristic cells. Ann. M. Hist., 1940, 3. ser., 2: 471-81.—**Letulle, M., Trémolières, F., & Moussoir, J.** Etude histologique d'un cas de maladie de Hodgkin. Ann. anat., path., Par., 1929, 6: 1047-74.—**McJunkin, F. A.** Histologic resemblance of the Rous chicken sarcoma No. 1 to Hodgkin's granuloma. J. Cancer Res., 1928, 12: 47-52.—**Millul, G.** Contributo allo studio della linfogranulomatosis maligna. Riforma med., 1927, 43: 460-3.—**Montanari, A.** Linfogranuloma a tipo linfosarcomatoso. Clin. med. ital., 1929, 60: 160-73, pl.—**Motta, C.** O sistema reticulo-endotelial no mal de Hodgkin. Ann. Fac. med. S. Paulo, 1926, 1: 289-303, 8 pl.—**Oddo, M.** Il tessuto reticolare delle ghiandole linfatiche ed il suo comportamento nelle ghiandole affette da linfogranuloma maligno. Arch. biol., Genova, 1927, 4: No. 3, 3-25.—**Pittaluga, G.** Nuevos datos sobre histopatología del linfogranuloma maligna (?). An. Acad. nac. med., Madr. (1935) 1936, 55: 113-9.—**Rof Carballo, J.** Sur la pléiocaryocytose locale dans le lymphogranuloma malin; une hypothèse sur la signification et la genèse du pléiocaryocyte. Sang, Par., 1931, 5: 302-22.—**Sachs, F., & Wohlwill, F.** Systemerkrankungen des reticuloendothelialen Apparats und Lymphgranulomatose. Virchows Arch., 1927, 264: 640-68.—**Salazar, A. L.** La cellule de Sternberg étudiée à l'aide de la méthode tanno-ferrique. Sang, Par., 1936, 10: 897-911.—**Solarino, G.** Sulle inclusioni cellulari nel linfogranuloma maligno. Boll. Soc. biol. sper., 1926, 1: 69-73.—**Twort, C. C.** Notes on the significant histological appear-

ances found in lymphadenoma. Med. Press & Circ., Lond., 1926, n. ser., 121: 195-7.—**Urtubey, L.** Sur l'origine et la signification des cellules de Sternberg dans le lymphogranulome. Bull. histol. appl., Lyon, 1936, 13: 388-94, pl.—**Youland, W. E.** The histopathology of Hodgkin's disease. Collect. Papers N. York Homeop. M. Coll., 1935, 1: 481-91.

Prognosis.

JUNGMAHN, A. *Gibt es geheilte Fälle von Lymphogranulomatose oder die Möglichkeit bei diesem Leiden Heilung zu erzielen? 51p. 21cm. Berl., 1936.

Coley, W. B. End results in Hodgkin's disease and lymphosarcoma treated by the mixed toxins of erysipelas and bacillus prodigiosus, alone or combined with radiation. Ann. Surg., 1928, 88: 641-7.—**Craver, L. F.** Five-year survival in Hodgkin's disease. Am. J. M. Sc., 1934, 188: 609-12.—**Epstein, E.** Sex as a factor in the prognosis of Hodgkin's disease. Am. J. Cancer, 1939, 35: 230-3.—**Goia, I.** [Prognosis of malignant lymphogranulomatosis in relation to 80 cases] Cluj. med., 1932, 13: 584-90. — Contribution au pronostic de la lymphogranulomatose maligne par rapport aux 50 cas observés. Presse méd., 1933, 41: 1380-3. — & **Hatzieganu, I.** Contribution au pronostic de la lymphogranulomatose maligne par rapport aux 80 cas. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 48-54.—**Jackson, H., jr.** The classification and prognosis of Hodgkin's disease and allied disorders. Surg. Gyn. Obst., 1937, 64: 465-7.—**Kuhlmann, B.** Zur Prognose der Lymphogranulomatose. Strahlentherapie, 1930, 35: 296-8.—**Lepak, J. A.** Hodgkin's disease and its future. Minnesota M., 1927, 10: 21-4.—**Nagel, A.** Zwölf Jahre Lymphogranulom; Tod an Allgemeintuberkulose. Beitr. Klin. Tuberk., 1937, 89: 176-9.—**Núñez Portuondo, R., & Puente Duany, N.** Relato de un caso de enfermedad de Hodgkin localizada. Rev. med. cir. Habana, 1929, 34: 511.—**Oakley, D. E.** Lymphadenoma and its prognosis. Newcastle M. J., 1927-28, 8: 153-61.—**Ponthus, P., & Quisefit, M.** A propos de la survie d'un cas de granulomatose maligne. Bull. Soc. électroradiol. méd. France, 1932, 26: 121-3.—**Puente Duany, N.** Una observación de enfermedad de Hodgkin de 13 años de duración. Vida nueva, Habana, 1931, 27: 440-51.—**Rosenthal, S. R.** Significance of tissue lymphocytes in the prognosis of lymphogranulomatosis. Arch. Path., Chic., 1936, 21: 628-46.—**Ten Doornkaat-Koolman, M.** Ein Fall von Lymphogranulomatose, klinisch geheilt seit 4 Jahren. Strahlentherapie, 1930, 38: 147-51.

Relation to tuberculosis.

BALDÉ, J. *Contribution à l'étude des rapports entre la maladie de Hodgkin et la tuberculose. 50p. 8°. Par., 1932.

CHOTIMSKY, M. *Ein Fall von tuberkulöser Pseudoleukämie. 34p. 8°. Zür., 1907.

CLAUS, G. W. *Ueber das maligne Lymphom (sog. Pseudoleukämie) mit besonderer Berücksichtigung auf die Kombination mit Tuberkulose. 38p. 8°. Marb., 1888.

ELLS, E. *Die Hodgkin'sche Lymphogranulomatose und ihre Beziehungen zur Tuberkulose; ein kasuistischer Beitrag [Giessen] 20p. 22cm. Düsseld., 1937.

GALLE, R. *Lymphogranulomatose maligne dans ses rapports avec la tuberculose. 71p. 8°. Par., 1938.

PINUS, R. *Sur un nouveau cas d'association de lymphogranulomatose maligne et de tuberculose. 125p. 8°. Par., 1932.

STRUPPLER, T. V. W. *Ueber die Kombination der Lymphogranulomatose mit Tuberkulose. 12p. 8°. Münch., 1932.

SUCK, H. *Ueber Beziehungen zwischen Lymphogranulomatose und Tuberkulose. 40p. 8°. Bresl., 1936.

ZIMMERN, C. *Lymphogranulomatose maligne et tuberculose. 86p. 8°. Par., 1932.

Antognini, G. Considerazioni clinico-sperimentali sul linfogranuloma maligno e tubercolare. Riforma med., 1932, 48: 1699-705, pl.—**Askanazy, S.** Tuberculöse Lymphome unter dem Bilde febriler Pseudo-leukämie verlaufend. Beitr. path. Anat., 1888, 3: 411-21.—**Ayuso y O'Horie, H.** La enfermedad de Hodgkin y la tuberculina A-O. Gac. méd. México, 1936, 56: 338-44.—**Baldor, J. F.** El virus tuberculoso filtrable, factor productor de la enfermedad de Hodgkin; observaciones clínicas. Clínica, Barcel., 1936, 13: 81-7.—**Banyai, A. L.** Hodgkin's disease and tuberculosis. Med. Rec., N. Y., 1935, 141: 378-80.—**Bartoníček, V.** [Record of cases of tuberculous pseudo-leukemia in Moravia] Vest. česk. lékař., 1926, 38: 46; 62.—**Bensis, W., & Gouttas, A.** Lymphogranulomatose maligne traduite cliniquement par une hyperplasie ganglionnaire locali-

sée; intrication des lésions tuberculeuses et lymphogranulomateuses avec pureté de l'infiltration granuleuse du foie et de la rate; terminaison par anémie grave. Sang. Par., 1934, 8: 288-97.—**Bernard, L., Coste, F., & Lamy, M.** Granulomatose maligne à forme pleurale et tuberculose ganglio-splénique. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 240-50.—**Bezançon, F., Duruy [et al.]** Etude anatomo-clinique d'un cas de lymphogranulomatose maligne; intrication des lésions granulomateuses et des lésions tuberculeuses. Ibid., 1930, 3. ser., 46: 1099-108.—**Bezançon, F., Weismann-Netter [et al.]** Lymphogranulomatose maligne et tuberculose; étude critique d'après 6 cas étudiés cliniquement et expérimentalement. Presse méd., 1932, 40: 693-5.—**Boidin, L., & Hamburger.** Granulomatose maligne à début pleural à forme pseudo-tuberculeuse; tubercules caséux spléniques associés. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 794-7.—**Bonnet, H., Thieffry, S., & Montefiore.** Présence d'un bacille tuberculeux de type aviaire dans un ganglion de lymphogranulomatose maligne. C. rend. Soc. biol., 1938, 128: 583-5.—**Bouslog, J. S., & Wasson, W. W.** Hodgkin's disease with cavity formation in the lung: report of a case. Arch. Int. M., 1932, 49: 589-98. Also repr.—**Breuil, M., & Simon, M. R.** Sur un cas de maladie de Hodgkin à prédominance iliaque chez un tuberculeux pulmonaire. Paris méd., 1935, 97: 205-11.—**Butlin, H. T.** Discussion on lymphadenoma in its relation to tuberculosis. Tr. Path. Soc. London, 1901-2, 53: 297-333, pl.—**Caussade, G.** Lymphogranulomatose maligne et tuberculose. Bull. Soc. méd. hôp. Paris, 1930, 3. ser., 46: 1266-9.—**Chabás, J.** La linfogranulomatosis maligna o enfermedad de Hodgkin y la tuberculosis. Rev. hig. tuberc., Valencia, 1929, 22: 196-9.—**Craciun, E. C., Gaspar, I., & Ursu, A.** Sur les relations entre la lympho-granulomatose maligne et la tuberculose. Arch. roumain. path., Par., 1938, 11: 143-69.—**D'Arbela, F.** Linfogranuloma maligno e tubercolosi (rivista analitica) Riv. clin. med., 1929, 30: 1046; 1085.—**Di Cristina, G.** Linfogranulomatosis tubercolare. Rinasc. med., 1928, 5: 503.—**Di Porto, A.** Linfogranuloma maligno e tubercolosi; valore della diagnosi istopatologica. Policlinico, 1935, 42: sez. med., 674-84.—**Doria, R.** Morbo di Hodgkin o tubercolosi ialina iperplastica? Ibid., 1929, 36: sez. med., 403-10.—**Dufouri, A., & Brun, J.** Etude d'une souche d'ultra-virus tuberculeux isolée d'un ganglion de lymphogranulome malin. C. rend. Soc. biol., 1934, 115: 1687. — Recherches sur la présence du germe tuberculeux (bacille de Koch et ultra-virus) dans des cas de lymphogranulomatose maligne. J. méd. Lyon, 1934, 15: 461-4.—**Dupont, A.** Association de lésions de granulomatose maligne et de formations tuberculoïdes dans une localisation cutanée de la maladie de Paltau-Sternberg. Bull. Soc. fr. derm. syph., 1937, 44: 1467-9.—**Durand, H., Gaspar, I., & Marcoux, H.** Granulomatose maligne et tuberculose. C. rend. Soc. biol., 1932, 110: 1289.—**Falkenheim, H.** Pseudoleukämie und Tuberkulose. Zschr. klin. Med., 1904, 55: 130-63.—**Faure-Beaulieu, M., & Brun, C.** Granulomatose maligne et cycle évolutif du virus tuberculeux. Presse méd., 1933, 41: 1805-8.—**Fiessinger, N., & Cattani, R.** A propos de l'association de granulomatose maligne et de tuberculose. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 787-94.—**Fürst.** Chronische Lymphdrüsen-Intumeszenzen, verdächtig als latente Tuberkuloseherde. Ther. Gegenwart, 1904, 45: 263-5.—**Funstein, L.** Lymphogranulomatose und Tuberkulose; klinische Untersuchung. Beitr. Klin. Tuberk., 1936, 88: 41-9.—**Gadrat, J., & Fabre, P.** L'intradermo-réaction à la tuberculine dans la maladie de Hodgkin. Bull. Soc. fr. derm. syph., 1936, 43: 703-6.—**Giulio, O.** Linfomatosis tubercolare acuta con aspetto clinico di sindrome leucemica. Pensiero med., 1915, 5: 52.—**Goia, I., Daniello, L., & Hanganutz, M.** Considérations sur les formes pseudotuberculeuses de la lymphogranulomatose maligne. Arch. méd. chir. app. resp., Par., 1935, 10: 283-96, 2 pl.—**Gruener, E., & Massobrio, G.** Linfomatosis tubercolare decorrente con quadro di pseudoleucemia; contributo allo studio dell'origine delle cellule eosinofile nei tessuti. In Pel giubilo didattico Camillo Bozzolo (1879-1904) Tor., 1904, 30: 429-49.—**Guardabassi, M., & Giuliani, G.** Rapporti fra tubercolosi e granuloma maligno. Diagnosi, 1934, 14: 25; 99.—**Guibal.** Lymphadénome des ganglions lombaires pris pour une tuberculose, du rein gauche et consécutif à un lymphadénome du testicule. Bull. Soc. anat. Paris, 1903, 78: 117-9.—**Gupta, S. P.** A case of Hodgkin's disease with pericardial and pleural effusion. J. Ind. M. Ass., 1935-36, 5: 388-90.—**Hudelo, Rabut [et al.]** Deux cas de maladie de Hodgkin, terminés par tuberculose pulmonaire aiguë. Bull. Soc. fr. derm. syph., 1927, 34: 485-8.—**Introzzi, P.** Granuloma maligno ed infezione tubercolare. Boll. Ist. sieroter. milan., 1933, 12: 71-9.—**Jaucot, A.** Lymphogranulomatose et tuberculose. Liège méd., 1935, 25: 93-105.—**Jubés, E.** Ueber Tuberkelbazillenbefunde im Blut bei Lymphogranulomatose (Paltau-Sternberg) Zschr. Tuberk., 1934, 71: 17-9.—**Korovina, I. P.** [On lymphogranulomatosis] Probl. tuberk., Moskva, 1938, No. 10, 156-60.—**Lange, C. de & Duker, P. G. J.** Tuberculose pseudoleukämie. Ned. tschr. geneesk., 1908, 2: 1331-6.—**Laubry, C., & Marchal, G.** Maladie de Hodgkin et tuberculose. Presse méd., 1932, 40: 1397.—**Leenhardt, L.** Lymphadénie aleucémique; adénies; lymphadénites tuberculeuses. Montpellier méd., 1910, 30: 25-33.—**Lützow-Holm, G.** [Investigations on the etiology of lymphogranulomatosis, with special reference to the relation between lymphogranulomatosis and tuberculosis] Norsk. mag. lægevid., 1937, 98: 95-719.—**Mannucci, P.** Granuloma maligno e tubercolosi. Boll. Poliamb. Giuseppe Ronzoni, 1937, 11: 235-53.—**Marchal, G., & Brun, C.** Nouveaux cas de maladie de Hodgkin déterminés

par les formes granuleuses du virus tuberculeux. Rapp. Congr. nat. tuberc., Marseille, 1935, 8. Congr., 305-13.—**Marchal, G., Moussier, J., & Tchou.** Un cas de granulomatosose maligne (sarcome atypique) chez un malade atteint de tuberculose pulmonaire fibreuse. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 226-38.—**Marval, L. de.** Los pacientes afectados de linfogranulomatosis maligna son insensibles a dosis masivas de tuberculina bruta inyectada por vía subcutánea. Prensa méd. argent., 1940, 27: pt 2, 2310-2.—**Medlar E. M., & Sasano, K. T.** The significance of lesions resembling Hodgkin's disease in tuberculosis. Am. J. Path., 1931, 7: 491-7, 4 pl.—**Menon, T. K., & Menon, T. B.** Coexistence of lymphadenoma and tuberculosis. Brit. M. J., 1929, 1: 1037, pl.—**Merle, P.** Maladie de Hodgkin et tuberculose: tuberculisation du cobaye par inoculation de ganglion lymphogranulomateux. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 858-62.—**Mulky, C.** Hodgkin's disease and tuberculosis. Dis. Chest, 1938, 4: No. 7, 17.—**Nedelkovich, J.** Hémoculture positive du bacille tuberculeux dans un cas de lymphogranulomatose avec métastases vertébrales. Arch. balkan. méd. chir., Par., 1940, 2: 39-44.—**Nobécourt, P., Martin, R., & Liège, R.** Recherches relatives à la tuberculose chez 3 enfants atteints de lymphogranulomatose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 18-23. Also Arch. méd. enf., 1933, 36: 73-80.—**Nowak, T.** [Complication of malignant granuloma by tuberculosis; absence of acid-resistant granules] Polska gaz. lek., 1939, 18: 321-6.—**Osborne, O. T.** The pathologic relations of the white blood-corpuscles; a case of Hodgkin's disease of tuberculous origin; a case of lymphatic leukemia. Am. Med., 1902, 4: 533-8. Also repr.—**Pachioli, R.** Su un caso di granuloma maligno associato a tuberculosi miliare. Bull. sc. med., Bologna, 1939, 111: 40-2.—**Parker, F. jr, Jackson, H. jr** [et al.] Studies of diseases of the lymphoid and myeloid tissues; the coexistence of tuberculosis with Hodgkin's disease and other forms of malignant lymphoma. Am. J. M. Sc., 1932, 184: 694-9.—**Price, R. M.** Hodgkin's disease and the tubercle bacillus. Canad. J. Res., 1932, 7: 622-8.—**Pruvost, P., & Hesse, D.** Lymphogranulomatose avec pleurésie sérofibrineuse récidivante. Bull. Soc. méd. hôp. Paris, 1928, 3. ser., 52: 48-51.—**Puente Duany, N., Cardenas, C. F., & Lavin, R.** Consideraciones sobre un caso de enfermedad de Hodgkin con chanero de inoculación tuberculosa y lesiones pulmonares tuberculosas. Rev. med. cir. Habana, 1929, 34: 1-11.—**Roque, G.** Contribution à l'étude de la lymphadénie ganglionnaire aleucémique d'origine tuberculeuse. Rev. méd. Par., 1911, 31: num. spéc., 747-61.—**Rosenblum, M. B.** [Pirquet's reaction in lymphogranulomatosis] Klin. med., Moskva, 1940, 18: No. 11, 91-3.—**Rotta, C.** Sulla scomparsa dell'anergia tubercolinica in ammalati di linfogranuloma maligno dopo trattamento röntgenoterapico. Minerva med., Tor., 1931, 22: 601-5. — Ricerche cliniche sulle variazioni dell'allergia tubercolinica in svariate affezioni interessanti il sistema emopoietico e loro valore clinico con particolare riguardo alla tbc, ghiandolare e al linfogranuloma maligno. Ibid., 1938, 29: 118-26.—**Rubinstein, M.** Pseudoleucemia, tuberculosis, induratio cyanotica renum. Objazat. pat. anat. izsljed. stud. med. Imp. Kharkov. Univ., 1895, 810-21.—**Rudsit, K.** Ueber einen Fall von Lymphogranulomatosis maligna, kombiniert mit Tuberkulose. Fol. haemat., Lpz., 1928, 36: 358-65.—**Sabrazès, J., Le Chuiton, F., & Mauzé, J.** Lymphogranulomatose maligne et virus filtrant tuberculeux; action activante des extraits acétoniques de Boquet et Nègre. C. rend. Soc. biol., 1934, 115: 171-4. Also Arch. méd. pharm. nav., 1934, 124: 227-30.—**Sailer, J.** The relation of tuberculosis to pseudoleukemia. Tr. Coll. Physicians Philadelphia, 1901, 3. ser., 23: 204-37.—**Sanchini, G.** Linfogranuloma maligno e tubercolosi. Ann. med. nav., Roma, 1933, 39: pt 2, 553-74.—**Schifone, G.** Pseudoleucemia linfatica tubercolare. Incurabili, Nap., 1907, 22: 65-80.—**Sergent, E., Durand, H., & Mamou, H.** Maladie de Hodgkin et tuberculose. Arch. méd. chir. app. resp., Par., 1934, 9: 416-27.—**Silvestrini, R.** Linfogranulomatosis maligna e infezione tubercolare. Boll. Accad. med. Perugia, 1926, No. 2, 11-4.—**Steiner, P. E.** The role of the avian tubercle bacillus in the etiology of Hodgkin's disease. Tr. Chicago Path. Soc., 1934, 14: 183-5. — Etiology of Hodgkin's disease; skin reaction to avian and human tuberculin proteins in Hodgkin's disease. Arch. Int. M., 1934, 54: 11-7.—**Sweany, H. C.** A primary pulmonary tubercle appearing in a patient with advanced Hodgkin's disease. Tr. Chicago Path. Soc., 1932, 14: 46-62. Also repr. Also Arch. Path., Chic., 1932, 13: 558-72.—**Van Rooyen, C. E.** Aetiology of Hodgkin's disease with special reference to B. tuberculosis avis. Brit. M. J., 1933, 1: 50.—**Weishaupt, H.** Ueber das Verhältniss von Pseudoleukämie und Tuberkulose. Arb. Path. Anat. Inst. Tübingen, 1891, 1: 194-222.—**Zappla, M.** La bacillema tubercolare con il metodo di Löwenstein nel granuloma maligno. Rinasc. med., 1935, 12: 271.

Respiratory system.

BERNSTEIN, A. *Ueber die lymphogranulomatose insbesondere deren pulmonale Form [Jena] p.202-9. 8° Lpz., 1928. Also Zschr. Tuberk., 1928, 52: 53.]

DOUNET, A. G. *Aspects radiologiques des lésions pulmonaires de la lymphogranulomatose maligne. 65p. 24cm. Par., 1939.

FORTIN, A. *Les manifestations pleurales au cours de la lymphogranulomatose. 51p. 8° Par., 1928.

LEBLOIS, C. *Contribution à l'étude des formes pulmonaires primitives de la lymphogranulomatose maligne (Maladie de Hodgkin) 107p. 8° Par., 1937.

Achard, A., & Escalier, A. Granulome malin à début pleurétique. Bull. Soc. méd. hôp. Paris, 1930, 3. ser., 46: 39-43.—**Belot, J., Lepennetier, & Moule.** Une forme curieuse de lymphogranulomatose pulmonaire. Bull. Soc. radiol. méd. France, 1933, 21: 752-4.—**Bernard, J.** Les formes pleuro-pulmonaires primitives de la maladie de Hodgkin. Prat. méd. fr., 1932, 13: 286-301.—**Bezançon, F., Ameuille, P., & Canetti, G.** Un cas de lymphogranulomatose maligne avec atteinte pulmonaire complexe; lésions exsudatives de nature Hodgkinienne, associées à une pneumonie gangréneuse et à une tuberculose miliaire discrète. Bull. Soc. méd. hôp. Paris, 1940, 3. ser., 56: 138-47.—**Caussade, G., & Surmont, J.** Granulomatosose maligne à déterminations ganglionnaire, cutanée et pleuro-pulmonaire. Ibid., 1928, 3. ser., 52: 762-86.—**Cavazzani, F.** Linfogranuloma del faringe, delle fosse nasali e dei seni paranasali. Valsalva, 1937, 13: 205-20.—**Cherny, M.** Hodgkin's disease. Dis. Chest, 1937, 3: No. 2, 20; 28.—**Dragišić, I.** Case of generalized lymphogranulomatosis and lymphogranulomatosis of the lungs. Liječ. vjes., 1940, 62: 233.—**Falconer, E. H., & Leonard, M.** Hodgkin's disease of the lung. Am. J. M. Sc., 1936, 191: 780-8, 11 pl. Also repr.—**Favre, M., Croizat, P., & Guichard, A.** Etude anatomique de la granulomatosose maligne pleuro-pulmonaire. J. méd. Lyon, 1931, 12: 733-46.—**Fein, M. J., & Meeker, L. H.** Hodgkin's disease of the lung. Am. J. Cancer, 1937, 29: 715-21.—**Foulton, P., & Robert, P. E.** Lymphogranulomatose avec localisations pulmonaires. Gaz. méd. France, 1934, 618-23.—**Gilbert, P.** Les aspects radiologiques de la granulomatosose maligne pulmonaire. Bull. Soc. radiol. méd. France, 1935, 23: 552-6.—**Giraud, G., Mas, P., & Sentein, J.** Granulomatosose maligne à début pleural. Arch. Soc. méd. biol. Montpelier, 1939, 29: 419-21.—**Hall, A. J., & Dawbarn, R. Y.** Pyopneumothorax in Hodgkin's disease; report of a case. Lancet, Lond., 1932, 1: 183-5.—**Hardin, B. L., jr.** A case of Hodgkin's disease with massive collapse and cavitation of the lung. Am. J. M. Sc., 1939, 197: 92-9, 4 pl.—**Hartfall, S. J.** Hodgkin's disease of the lung. Guy's Hosp. Rep., Lond., 1932, 82: 55-74.—**Jackson, H., jr.** Parenchymal lesions of the lungs in lymphoma. Tr. Nat. Tuberc. Ass., N. Y., 1939, 35: 136.—**Kuckuck, W.** Ein Beitrag zur Lymphogranulomatose der Lungen. Röntgenpraxis, 1931, 3: 79-82.—**Kühlmann, F., & Schulze-Förstehöl, H.** Das Thoraxbild der Lymphogranulomatose. Med. Welt, 1937, 11: 494-7.—**Lemaître, F., Baudoin** [et al.] Un cas de maladie de Hodgkin ulcérée. Ann. otol., Par., 1938, 876-9.—**Lichtenstein, H.** Kavernenbildung in der Lunge bei atypischer pulmonaler und ossaler Lymphogranulomatose. Zschr. Tuberk., 1932, 64: 429-36.—**Lind, T.** Gibt die Sternberg-Lokalisation in den Lungen ein besonderes Krankheitsbild? Beitr. Klin. Tuberk., 1927, 66: 415-22.—**Linn, F. D.** Laryngeal manifestations of Hodgkin's disease; case report. Memphis M. J., 1940, 15: 210.—**Moolten, S. E.** Hodgkin's disease of the lung. Am. J. Cancer, 1934, 31: 253-94.—**Morquio, L.** Sobre 2 casos de linfogranulomatosis maligna con pleuritis serofibrinosas. Arch. argent. pediat., 1930, 1: 573-92.—**Pruvost, P., & Hesse, D.** Fausses tuberculoses et formes pleuro-pulmonaires de la lymphogranulomatose maligne. Hôpital, Par., 1928, 16: 481-7.—**Ratti, A.** Il quadro radiologico del linfogranuloma maligno del polmone. Radiol. med., Milano, 1937, 24: 907-30.—**Roubier, C.** Lymphogranulomatose maligne et dilatation des bronches. J. méd. Lyon, 1932, 8: 521.—**Rubenfeld, S., & Clark, E.** An unusual case of Hodgkin's disease of the lung. Radiology, 1937, 28: 614-9.—**Sachs, H. W.** Ein Fall von primärer Lymphogranulomatose der Lunge. Med. Klin., Berl., 1935, 31: 271.—**Saupe, E.** Ueber Lungenbefunde bei Lymphogranulomatose. Klin. Wschr., 1930, 9: 1495-9.—**Sciuto, J. A., & Piaggio Blanco, R. O.** Forma costo-pulmonar de la linfogranulomatosis maligna. Rev. tuberc. urug., 1933, 3: 484-8.—**Shea, J. J.** The laryngological aspect of Hodgkin's disease; report of a case. Tr. Am. Laryng. Ass., 1932, 54: 148-61. Also Ann. Otol. Rhinol., 1932, 41: 826.—**Siebenmann, P.** Pseudoleukämisches Infiltrat unterhalb der Stimmbänder und in der Nase bei 30 Jahre altem Mann. Korbl. Schweiz. Aerzte, 1918, 48: 1249.—**Stockton, C. G.** Pseudo-leucocythemia, with consolidation of one lung. Internat. M. Mag., 1892, 1: 708-10.—**Tanturri, D.** Linfogranulomatosis maligna primitiva della trachea e vie superior del respiro. Rass. ital. otorinol., 1927, 1: 245-54.—**Waldorp, C. P.** Linfogranulomatosis maligna de Paltauf-Sternberg, forma pulmonar, con formación de una caverna en el lóbulo superior del pulmón derecho. Rev. Circ. méd. argent., 1938, 38: 711-22.—**Weicker, B.** Multiples kleinknotiges Lymphogranulom der Lunge. Fortsch. Röntgenstrahl., 1933, 48: 485-8.—**Zhukovsky, V. P., & Puzik, V. I.** [Lymphogranulomatous affections of the lungs in children] Probl. tuberk., Moskva, 1938, 127-9.—**Zoltan, I.** [Changes in larynx in lymphogranulomatosis] Orv. hetil., 1929, 73: 528.

Serology.

Hufnagel & Jonesco. Syndrome de Hodgkin avec réaction méningée, lymphocytose, réaction de benjoin colloidal positive, réaction de Wassermann partiellement positive du liquide

céphalo-rachidien. Bull. Soc. fr. derm. syph., 1926, 33: 193-6.—Wallhauser, A., & Whitehead, J. M. Immunological method in Hodgkin's disease; a preliminary report. Am. J. Surg., 1928, n. ser., 5: 229-33.

Skin, and mucosa.

BONAN, V. *Maladie de Hodgkin cutanée à forme ulcéreuse; ses rapports avec le mycosis fongoïde. 70p. 8° Par., 1932.

CROPP, J. *Hauterscheinungen bei Lymphogranulomatose. 32 p. 23½cm. Berl., 1938.

GREVILLIOT, E. *Sur un cas de réticulogranulomatose maligne diffuse; prédominance cutanéomusculaire, avec état leucémique terminal; contribution à l'étude des granulomatoses malignes [Strasbourg] 89p. 8° Mulhouse, 1932.

MICHAELIS, R. *Vier Fälle von Lymphogranuloma malignum der Haut (Hodgkin'sche Krankheit) [Freiburg] 23p. 21cm. Gelnhausen, 1934.

PLASS, E. *Ueber einen Fall von Lymphogranulomatose der Haut [Berlin] 38p. 8° Lipstadt, 1933.

SCHMETZKE, H. *Ueber Lymphogranulomatose der Haut [Berlin] 43p. 21cm. Lengerich i. W., 1937.

SCHNETZER, J. *Ueber einen Fall von Lymphogranulom mit Hauterscheinungen. 35p. 8° Zür., 1931.

SCHOENHOF, S. Die Lymphogranulomatose der Haut p.271-338. 8° Berl., 1929.

In Handb. Haut. Geschlkr. (A. & G. Alexander) Berl., 1929, 8: Teil I.

SICCARDI, P. D. Pseudoleucemia ghiandolare con manifestazioni cutanee. 85p. 8° Padova, 1910.

Arning, E. Ein Fall von Pseudoleukämie mit multiplen Haut-, Schleimhaut- und Muskel-tumoren. Deut. med. Wschr., 1891, 17: 1372. Also Verh. Deut. derm. Ges., 1892, 203-8 [Discussion] 213-6.—Arzt, L. Zum klinischen Erscheinungsbild der Lymphgranulomatose der Haut. Derm. Wschr., 1930, 91: 1145-9. — Zur Kenntnis der Lymphogranulomatosis cutis [Paltau-Sternberg] Wien. med. Wschr., 1936, 86: 677-80.—Barbier, G. Un cas de lymphogranulomatose maligne révélé par un prurit simple. Discuss. Congr. derm. syph. fr., 1929, 4. Congr., 155.—Baum, P. Ueber atypische Hauterscheinungen bei Lymphogranulomatose. Arch. Derm. Syph., Berl., 1937-38, 176: 418-24.—Bine, R. Hodgkin's disease of the skin and mucous membranes. Am. J. M. Sc., 1927, 173: 503-13.—Bloch. Lymphogranulomatose der Haut mit skrophulodermatigem Habitus. Schweiz. med. Wschr., 1928, 58: 440.—Blumental, M., & Teodorescu, S. [Paltau-Sternberg's lymphogranulomatosis with cutaneous manifestations] Rev. st. med., Bucur., 1928, 17: 776-88.—Borovanský, M. [Pathogenesis of pruritus in Hodgkin's disease and cancer, treated by radium and roentgen rays] Cas. lek. česk., 1930, 69: 638-40.—Brack, W. Zur Aetiologie und Pathogenese von Pruritus und Prurigo bei Hodgkinscher Lymphogranulomatose. Klin. Wschr., 1931, 10: 307.—Brück, C. Ein Fall von Lymphogranulomatosis maligna (M. Sternberg) mit eigenartigen Hautveränderungen. Acta derm. vener., Stockh., 1939, 20: 593-8, pl.—Burrows, A. Hodgkin's disease of the skin. Proc. R. Soc. M., Lond., 1933, 26: Sect. Derm., 1305.—Caciro Carrasco, M. Manifestações cutâneas das granulomatoses. Med. contemp., Lisb., 1937, 55: 481; 539.—Cerutti, P. Les manifestations cutanées dans la granulomatose maligne de Paltau-Sternberg. Bull. Soc. fr. derm. syph., 1937, 44: 1454-66.—Cornbleet, T., & Robbins, J. B. Hodgkin's disease with generalized pruritus. Arch. Derm. Syph., Chic., 1938, 38: 832.—Cottle, W., & Dickinson, L. Three cases of pruritus associated with lymphadenoma. Lancet, Lond., 1901, 2: 518-20.—Czeżowska, Z., & Mierzecki, H. [Certain affections of skin and oral mucous membrane in Hodgkin's disease (malignant lymphogranulomatosis)] Polska gaz. lek., 1933, 12: 304-7. — Manifestations cutanées diffuses dans la lymphogranulomatose maligne. Acta derm. vener., Stockh., 1934, 15: 501-13.—Dickinson, L., & Fenton, W. J. Further report upon a case of lymphadenoma with growths in the skin. Tr. Clin. Soc. London, 1901-2, 35: 102-5.—Dujardin, & Van der Meiren. Lymphogranulomatose maligne à manifestations cutanées prédominantes, préluant aux adénopathies: forme simulant le mycosis fongoïde. Bull. Soc. fr. derm. syph., 1937, 44: 1451-4.—Durand, H., Cottenot, P., & Mamou, H. Les formes cutanées ulcéreuses de la maladie de Hodgkin. Presse méd., 1938, 46: 1723-5.—Eger, Fall von Pseudoleukämie mit Hauterkrankung. Berl. klin. Wschr., 1904, 41: 23.—Etienne, G., Drouet, P. L. [et al.] Observation d'un cas de forme cutanée ulcéreuse de lymphogranulomatose

maligne. Bull. Soc. méd. hôp. Paris, 1933, 3. ser., 49: 1144-8.—Fanielle & Neujean. Forme cutanée ulcéreuse de la lymphogranulomatose maligne. Ann. Soc. méd. chir. Liège, 1934, 67: 99-101. Also Liège méd., 1934, 27: 889-92.—Favre, M., Nicolas, J., & Croizat, P. Lymphogranulomatose maligne cutanée primitive d'inoculation; guérison sans récidive ni généralisation. C. rend. Soc. biol., 1931, 108: 75-7.—Fiocco, G. B. Eritrodermia linfogranulomatosa universale maligna. Gior. ital. derm. sif., 1936, 77: Suppl., 206-8.—Gershun, T. [Pseudoleukemia of the skin] Med. obozr., Moskva, 1903, 59: 725-33.—Goeckerman, W. H., & Montgomery, H. Cutaneous lymphoblastoma; report of 2 unusual cases. Arch. Derm. Syph., Chic., 1931, 24: 353-95.—Gordon, H. Hodgkin's disease with skin infiltration. Proc. R. Soc. M., Lond., 1935-36, 29: 296.—Guiliani, G. Linfogranulomatosi con localizzazione cutanea. Diagnosi, 1930, 10: 317-32, 3 pl.—Guzman, J. Pseudoleukemia cutis. Orv. hìt., 1904, 48: 755. Also Pest. med. chir. Presse, 1905, 41: 461. — Schnell verlaufende Lymphogranulomatosis cutis mit tödlichem Ausgang. Zbl. Haut. Geschlkr., 1936, 53: 229.—Hesser, S. Ein Beitrag zur Kenntnis der Hautveränderungen bei Lymphogranulomatosis cutis. Nord. med. ark., Stockh., 1918, afd. 2, 51: 253-78.—Hövelborn, C. Die isolierte Lymphogranulomatose der Haut. Arch. Derm. Syph., Berl., 1932, 166: 136.—Hoffmann, H. Ein Fall von aleukämischer Lymphadenose mit Hauttumoren. Derm. Zschr., 1928-29, 55: 29-32.—Jones, J. W., & Alden, H. S. Generalized lymphogranulomatosis of the skin; report of a case in a Negro. Arch. Derm. Syph., Chic., 1929, 20: 212-6. Also repr.—Kaplan, M. S. [Case of skin affection in lymphogranulomatosis] Vest. vener., 1939, No. 6, 50-2.—Kierland, R. K., & Montgomery, H. Cutaneous ulcerative Hodgkin's disease. Proc. Mayo Clin., 1941, 16: 124-8.—Laedrich, L., Mamou, H., & Deauchesne, H. Lymphogranulomatose maligne cutanée à forme ulcéreuse. Bull. Soc. fr. derm. syph., 1932, 39: 1357-63. — Forme cutanée ulcéreuse de la lymphogranulomatose maligne; ses rapports avec le mycosis fongoïde. Presse méd., 1933, 41: 277-80.—Le Chuiton, F., Badelon, P. [et al.] Adénite inguinale chronique chez un colonial, reconnue par l'histologie comme une lymphogranulomatose maligne localisée et à évolution lente. Bull. Soc. path. exot., Par., 1936, 29: 160-5.—Lindsay, H. C. L., & Schwartz, W. F. Primary cutaneous Hodgkin's disease. Arch. Derm. Syph., Chic., 1940, 42: 500.—Linsner, P. Beiträge zur Frage der Hautveränderungen bei Pseudoleukämie. Arch. Derm. Syph., Lpz., 1906, 80: 3-21, 2 pl.—Lisa, J. R. Hodgkin's disease of the skin; report of a case. Arch. Derm. Syph., Chic., 1932, 26: 268-70. Also repr.—Louste, A., du Castel, J., & Cailliau, F. Lymphomatose cutanée. Bull. Soc. fr. derm. syph., 1933, 40: 1425-7.—Louste, Lévy-Franckel, & Cailliau. Lymphogranulomatose maligne à début cutané puis sous-cutané. Ibid., 1931, 38: 439-47.—Loveman, A. B. Cutaneous manifestations of the lymphoblastomas; report of a case of Hodgkin's disease. J. Am. M. Ass., 1935, 104: 1583-6.—Mannheimer, E. A case of skin tumours, with a doubtful diagnosis, probably lymphogranulomatosis cutis. Acta derm. vener., Stockh., 1932-33, 13: 570-84.—Mauté, T. Le prurit dans le lymphadénome. Rev. gén. clin. thér., 1910, 24: 83-5.—Mariani, G. Klinischer und pathologisch-anatomischer Beitrag zum Studium der kutanen Leukämide, der fibro-epithelioiden Polylymphomatosen (Hodgkinsche Krankheit) und der Mykosis fungoides. Arch. Derm. Syph., Lpz., 1914, 120: Orig., 781-869, 2 pl.—Marimón, J. Alteración de la glandula mamaria en la enfermedad de Hodgkin. Clín. & lab., Zaragoza, 1932, 19: 288-98.—Massobrio, E. Sopra un caso raro di linfogranuloma maligno con infiltrazione secondaria ed ulcerazione della cute. Minerva med., Tor., 1929, 9: 37-44.—Migliorini, G. Contributo alla conoscenza delle manifestazioni pseudoleucemiche della pelle. Gior. ital. mal. vener., 1906, 41: 663-97, pl.—Miller, H. E. Lymphogranulomatosis cutis; Hodgkin's disease. Arch. Derm. Syph., Chic., 1928, 17: 156-81.—Molinari, G. Forma cutanea ulcero della linfogranulomatosis maligna. Riforma med., 1933, 49: 488.—Mulzer, P., & Keining, E. Ueber die bei Sternberg-Paltaufcher Krankheit vorkommenden spezifischen und besonders unspezifischen Hautprozesse. Derm. Zschr., 1928, 53: 438-51.—Nanta & Châtellier. Lymphogranulomatose cutanée hyperkératosique initiale. Bull. Soc. fr. derm. syph., 1925, 32: 53. Also Rapp. Congr. fr. méd. (1925) 1926, 18. sess., 2: 422.—Perrin, T. L. Report of a case of pseudoleukemia cutis (lymphatic) with report of case. Hosp. News, Wash., 1937, 4: No. 4, 1-14, 6 pl.—Pessetti, M. Cutoe linfogranulomatosis. Fol. med., Nap., 1930, 16: 1640-52.—Pessin, S. B., & Pohle, E. A. Hodgkin's disease with ulcerative involvement of the skin. Am. J. Cancer, 1938, 34: 220-5.—Planner, H. von. Ueber Hauterscheinungen bei Lymphogranulomatose. Arch. Derm. Syph., Berl., 1928, 155: 266-8.—Poör, F. Ein Fall von Lymphogranulomatose mit eigenartiger Keratinisationsstörung der Haut. Derm. Wschr., 1930, 90: 609-11.—Ragusin, N. Un caso de linfadenoma cutáneo aleucémico. Sem. méd., B. Air., 1914, 21: 57-62.—Resl, V. [Lymphogranulomatosis of the skin] Cesk. derm., 1937, 17: 127-43.—Richter, W. Lymphogranulomatosis (Paltau-Sternberg) mit Erscheinungen an Haut und Tonsille. Arch. Derm. Syph., Berl., 1933, 169: 50-7.—Rolleston, H. D. Pruritus in lymphadenoma. Brit. M. J., 1909, 2: 852.—Rulison, R. H. Hodgkin's disease of the skin; report of a case. Arch. Derm. Syph., Chic., 1930, 22: 389-94. Also repr.—Senear, F. E., & Caro, M. R. Ulcerative Hodgkin's disease of the skin.

Ibid., 1937, 35: 114-28.—**Sharlit, H.** Hodgkin's disease; surface lymphogranulomatosis confined to the oral and the penile mucosae; report of a case. Ibid., 1931, 24: 288-90.—**Sibley, W. K.** Lymphadenoma with glandular and cutaneous lesions. Proc. R. Soc. M., Lond., 1914-15, 8: Derm. Sect., 84.—**Spicca, G.** Di un caso di linfogranuloma Paltauf-Sternberg (eritrodermia pitiriasica tipo Hebra) Policlinico, 1929, 36: sez. med., 385-402.—**Sweitzer, S. E.** Hodgkin's disease of the skin. Arch. Derm. Syph., Chic., 1936, 33: 901.—**Tauber, E. B.** Specific Hodgkin's of the skin treated with autogenous lymph gland therapy. Med. Bull. Univ. Cincinnati, 1935, 7: 76-9.—**Vedel, Vidal & Guibert, H. L.** Granulomatose maligne généralisée avec nodules cutanés; absence de cellules de Sternberg. Arch. Soc. sc. méd. biol. Montpellier, 1930, 11: 520-2.—**Whitfield, A., & McDonagh, J. E. R.** Report of pathological committee on Dr Sibley's case of lymphadenoma with glandular and cutaneous lesions. Proc. R. Soc. M., Lond., 1914-15, 8: Derm. Sect., 63-70.—**Wigley, J. E. M.** Hodgkin's disease with erythrodermia. Ibid., 1937-38, 31: 81.—**Zoon, J. J.** [Prurigo and malignant granuloma] Ned tschr. geneesk., 1929, 73: pt 2, 6065-9.

— Treatment.

KALLWASS, G. *Die Lymphogranulomatose mit besonderer Berücksichtigung ihrer Therapie [Leipzig] 64p. 8° Zeulenroda i. Thür., 1932.

SCHNEEBAUM, A. *Die Therapie der Lymphogranulomatose mit besonderer Berücksichtigung des Introcids [Berlin] 34p. 8° Charlottenb., 1926.

STEFFEN, E. E. F. *Ueber einen Fall von erfolgreicher Arsenbehandlung bei Pseudoleukämie. 20p. 8° Lpz., 1903.

Allen, E. Hodgkin's disease treated by Coffey-Humber extract. Bull. South. Pacific Gen. Hosp., 1932, 1: 116-22.—**Alsted, G.** [Treatment of lymphogranulomatosis with specific serum] Hospitaltidende, 1934, 77: 177-81.—**Angyán, B.** [Care and treatment of pseudoleucemia] Orv. hetil., 1885, 29: 81; 109; 143.—**Bingold, K.** Erfolgreiche Behandlung von Hodgkin-Wechselstieber mit Protosil. Münch. med. Wschr., 1935, 82: 871.—**Chevallier, P.** Essai de traitement de la maladie de Hodgkin par les injections d'antimoine. Sem. hôp. Paris, 1931, 7: 353-68.—**Craver, L. F.** Treatment of itching in Hodgkin's disease. Med. Clin. N. America, 1935, 19: 967-70.—**D'Ovidio, F. R.** Algunas sugerencias para el tratamiento del granuloma maligno. Rev. As. méd. argent., 1938, 52: 974-7.—**Ebhardt, K.** Zur Erkennung, Beurteilung und Behandlung der Lymphogranulomatose. Med. Klin., Berl., 1939, 35: 1253-5.—**Frangella, A.** Linfogranulomatosis maligna y su tratamiento. Dfa méd. urug., 1939-40, 7: 171-82.—**Giuliani, G.** La terapia della linfogranulomatosis maligna. Diagnosi, 1931, 11: 183-209.—**Grasso, R.** Sull'azione dell'antimonio nel granuloma maligno e tubercolare. Policlinico, 1931, 38: sez. prat., 1107; 1150.—**Hanrahan, E. M., jr.** Results of treatment by autogenous gland filtrate in Hodgkin's disease. Ann. Surg., 1930, 92: 23-34.—**Hendrick, A. C., & Burton, E. F.** A case of Hodgkin's disease treated with colloidal elemental arsenic. Canad. M. Ass. J., 1937, 36: 519.—**Horder, T., Knox, R.** [et al.] The treatment of lymphadenoma. Tr. M. Soc. London, 1924-25, 48: 174-84.—**Jackson, H., jr.** Notes on the treatment and prognosis of Hodgkin's disease and allied disorders. Med. Clin. N. America, 1937, 21: 361-8.—**Katzenstein, M.** Heilung eines Falles von Pseudoleukämie (Hodgkin'sche Krankheit) durch subcutane Arseninjection. Deut. Arch. klin. Med., 1895, 56: 120-3.—**Lortat-Jacobs, L., & Schmite, P.** Traitement de la maladie de Hodgkin. Paris méd., 1927, 65: 452-4.—**Michaelis.** Influence de l'arsenic et du bismuth sur des ganglions de maladie de Hodgkins. Bruxelles méd., 1927-28, 8: 677-80.—**Očenásek, M.** [Pathology and treatment of multiple lymphoma according to its causes] Cas. lek. česk., 1929, 68: 771-8.—**Opitz, H.** Zur Anwendung des Spirozids bei Lymphogranulomatose. Deut. med. Wschr., 1930, 56: 659-62.—**Pittaluga, G.** Relaciones entre la estructura de los linfogranulomas de Hodgkin y su sensibilidad a los tratamientos. Med. iberá, 1935, 29: 493-5. Also Rev. cir. Barcelona, 1935, 9: 365-7. Also Siglo méd., 1935, 95: 310.—**Rabek, L.** [Contribution to the treatment of pseudoleucemia] Kron. lek., Wars., 1897, 18: 54-8.—**Scala, V.** La chemioterapia del granuloma maligno. Minerva med., Tor., 1929, 9: pt 2, 1041-50.—**Schilling, V.** Die Lymphogranulomatose; die interne Behandlung. Med. Welt, 1937, 11: 463.—**Schultz, W.** Ueber Lymphogranulomatose. Ibid., 1931, 5: 1385-7.—**Tratamiento de la enfermedad de Hodgkin.** Dfa méd., B. Air., 1935, 7: 1231.—**Ullmann, H. J.** Lymphomatoid disease: Hodgkins and leukemic types; their treatment. California West. M., 1937, 46: 224-6.—**Urbach, E.** Lymphogranulomatosis (Hodgkin's disease) treatment with sulfanilamide. Arch. Derm. Syph., Chic., 1940, 41: 181.

— Treatment: Radiotherapy.

BABAIANTZ, B. L. *La granulomatose maligne (lymphogranulome) étude anatomo-clinique; étude thérapeutique spécialement du point de

vue de la roentgenthérapie. 176p. 8° Genève, 1928.

BARLOS, K. *Ueber die Röntgenbehandlung der Lymphogranulomatose. 20p. 8° Lpz., 1928.

BERMAN, L. *Ueber die Röntgentherapie bei Lymphogranulomatose. 28p. 8° Freib. i. B., 1929.

BRUNS, A. *Ueber Erfolge der Strahlenbehandlung bei Lymphogranulomatose. 28p. 21cm. Weende-Gött., 1937.

CABEZAS DUFFNER, J. *La téléroentgentherapie totale dans le traitement des leucémies chroniques et de la maladie de Hodgkin. 109p. 8° Par., 1936.

CZERWIONKA, J. *Zur Röntgentherapie der Lymphogranulomatose (nach den in der Chirurgischen Universitätsklinik in den Jahren 1920-1926 beobachteten Fällen) 16p. 8° Bresl., 1926.

DESMERGERS, A. C. *Contribution à l'étude du traitement de la lymphogranulomatose maligne par le radium. 128p. 25cm. Par., 1939.

FLAX, C. H. *Die Behandlung der Lymphogranulomatose durch Röntgenstrahlen [Zürich] 21p. 24cm. Berl., 1935.

Also Strahlentherapie, 1935, 54: 245-60.

GRAUPNER, W. *Die Strahlenbehandlung der Lymphogranulomatose [Leipzig] 29p. 8° Zeulenroda, 1937.

LETTAN, R. *Lymphogranulomatose und Röntgenbestrahlung. 23p. 21cm. Königsb., 1935.

PHILIPPIDES, D. *Die Röntgenbehandlung der Lymphogranulomatose und Lymphosarkomatose [Leipzig] 38p. 8° [Zeulenroda] 1929.

QUISEFIT, M. *Contribution à l'étude de la radiothérapie des formes médiastinales et pleurales de la granulomatose maligne [Lyon] 72p. 6 pl. 25cm. Bourg, 1937.

RICHARD BRIDEL, M. *La survie dans la lymphogranulomatose maligne traité par radiothérapie pénétrante. 76p. 8° Par., 1936.

SACHS, R. *Atelektasie du lobe supérieur du poumon droit ayant disparu après radiothérapie dans un cas de maladie de Hodgkin à forme cervico-médiastinale. 55p. 8° Par., 1935.

WILLENBERG, L. *Ergebnis der Röntgenbehandlung bei der Lymphogranulomatose [Jena] 25p. 8° Köln, 1932.

Adlercreutz, E. Lymphogranulomatose und Röntgentherapie. Acta med. scand., 1934, Suppl., 59, 211-8.—**Aubertin, C., Thoyer-Rozat, P., & Robert-Lévy.** La radiothérapie de la maladie de Hodgkin [lymphogranulomatose maligne] Arch. mal. cœur, 1930, 23: 318-38. Also J. radiol. électr., 1930, 14: 145-57. Also Médecine, Par., 1930, 11: 425-33.—**B, R. C.** La téléroentgentherapie total en las leucemias y la enfermedad de Hodgkin. Dfa méd., B. Air., 1934-35, 7: 695.—**Baensch, W.** Unsere Erfahrungen in der Behandlung der Lymphogranulomatose. Strahlentherapie, 1936, 56: 541-7. Also Med. Welt, 1937, 11: 464-6. Also Fortsch. Röntgenstrahl., 1937, 55: Kongrh., 30 [Discussion] 31-3.—**Bignami, G.** La radiotherapia del granuloma maligno. Actinoterapia, Nap., 1928, 7: 67-120.—**Billich, H. U.** Zur Röntgenstrahlenbehandlung der Lymphogranulomatose. Strahlentherapie, 1930, 28: 141-6.—**Brugmann, W.** Lymphogranulomatose und Röntgenbestrahlung. Ibid., 1926, 22: 280-8.—**Brunschwig, A., & Kandel, E.** A correlation of the histologic changes and clinical symptoms in irradiated Hodgkin's disease and lymphoblastoma lymph nodes. Radiology, 1934, 23: 315-26.—**Burnam, C. E.** Hodgkin's disease; with special reference to its treatment by irradiation. J. Am. M. Ass., 1926, 87: 1445-52.—**Camplani, M.** Contributo alla conoscenza radiologica della lesioni scheletriche in corso di linfogranuloma maligno. Radiol. med., Milano, 1935, 22: 39-46.—**Carmona, L.** Ancora altri rilievi sul morbo di Hodgkin. Arch. Soc. ital. chir. (1927) 1928, 34: 780-2.—**Clairmont.** Ueber einen mit Röntgenstrahlen behandelten Fall von allgemeiner Lymphomatose. Verh. Deut. Ges. Chir., 1906, 35: 281-3.—**Clarke, J. M.** A case of lymphadenoma treated by X-rays. Brit. M. J., 1907, 2: 1137-9. Also Arch. Roentg. Ray, Lond., 1908-9, 13: 290-2.—**Clendinnen, F. J.** Lymphadenoma (internal) treated by the X-rays. Intercolon.

- M. J. Australas., 1905, 10: 483.—**Crain, R. C.** Radium in Hodgkin's disease; a report of 10 cases. J. Iowa M. Soc., 1928, 18: 264-7.—**Craver, L. F.** Local and general irradiation in Hodgkin's disease. Radiology, 1938, 31: 42-7.—**Cristofanetti, P.** La roentgentherapie del linfogranuloma maligno. Ann. radiol., Bologna, 1938, 12: 547-602.—**Danulescu, C., & Condace, A.** [Roentgentherapie of malignant lymphogranulomatosis] Spitalul., 1940, 60: 55-9.—**Dautwitz, F.** Lymphogranulomatoose und Radiumbestrahlung. Strahlentherapie, 1927, 25: 375-401.—**Desjardins, A. U.** Radiotherapy for lymphoblastoma. Radiology, 1926, 7: 121-30.
- The rationale of radiotherapy in Hodgkin's disease and lymphosarcoma. Am. J. Roentgenol., 1927, n. ser., 17: 232-46. Also J. Am. M. Ass., 1932, 99: 1231. Also repr. Also Bull. Am. Soc. Cancer, 1933, 15: 4-8.—**Domagk, G.** Wirkung der Röntgenbestrahlung auf lymphogranulomatoöses Gewebe. Med. Welt, 1927, 1: 189-92.—**Fato, L.** La radiothérapie dans les lymphodénomes. Bull. Soc. radiol. méd. Paris, 1911, 3: 277-9.—**Frimann-Dahl, J.** [Roentgen treatment of malignant lympho-granulomatosis] Norsk. mag. laegevid., 1936, 97: 1273-87.—**Gennari, C.** Sopra un caso di pseudoleucemia curato coi raggi Röntgen. Gazz. osp., 1905, 26: 514-6.—**Gilbert, R.** Le traitement de la granulomatoose maligne par la roentgentherapie pénétrante. Acta radiol., Stockh., 1928, 9: 552-81, 4 pl. Also J. méd. chir., Par., 1932, 103: 33-41.
- Le traitement de la granulomatoose maligne par la radiothérapie; bases anatomo-cliniques, principes directeurs, résultats. J. radiol. électr., 1938, 22: 377-85.
- Radiotherapy in Hodgkin's disease (malignant granulomatosis) anatomic and clinical foundations; governing principles; results. Am. J. Roentg., 1939, 41: 198-241. Also Strahlentherapie, 1939, 64: 377-91.
- & **Babaianz, L.** Notre méthode de roentgentherapie de la lymphogranulomatoose (Hodgkin) résultats éloignés. Acta radiol., Stockh., 1931, 12: 523-9.
- & **Kadrnka, S.** L'influence de la roentgentherapie sur l'évolution de la granulomatoose maligne. Ibid., 1934, 15: 508-22.
- **Gilbert, R., & Sluys, F.** Radiothérapie de la granulomatoose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22, sess., 82-4. Also Rapp. Congr. fr. méd., 1932, 22, sess., 1: 75-137 [Discussion] 1-103. Also J. radiol. électr., 1933, 17: 129-61.
- **Giordano, G., & Salmeri, S.** Sulla roentgentherapie della linfogranulomatosi maligna. Bull. sc. med., Bologna, 1935, 107: 327-34.—**Goldstein, M., & Zuckermann, S. S.** Ueber langsam verlaufende Lymphogranulomatoose nach Röntgenbehandlung. Röntgenpraxis, 1933, 5: 410-3.—**Guerriero, H. E.** Four cases of Hodgkin's disease treated with radium. N. Orleans M. & S. J., 1930-31, 83: 698-705.—**Hall-Edwards, J. F.** Lymphadenoma and the X-rays. Arch. Roentg. Ray, Lond., 1907-8, 12: 10.—**Haret & Lifchitz.** Radiotherapy in the treatment of Hodgkin's disease; what can be expected from it? Am. J. Phys. Ther., 1928-29, 5: 354-6. Also J. radiol. électr., 1928, 12: 501-4.—**Heinemann, D.** Die Röntgentherapie der Lymphogranulomatoose. Fortsch. Röntgenstrahl., 1934, 49: 307.—**Hintze.** Röntgendiagnose und Röntgentherapie maligner Lymphome. Ibid., 1935, 52: Kongr., 72.—**Hirschfeld, H.** Die Behandlung der Lymphogranulomatoose. Fortsch. Ther., 1930, 6: 116-8.—**Hohenthal, T.** [Prognosis of lymphogranulomatosis and clinical symptoms; Roentgen therapy] Fin. läk. säll. hand., 1932, 74: 678.—**Hummel, R.** Zur Behandlung der Lymphogranulomatoose. Röntgenpraxis, 1932, 4: 781.—**Jacobs, A. W.** Hodgkin's lymphoma; treatment by radiation; report of a case. Med. World, 1926, 44: 160.
- The value of radiotherapy in malignant lymphomata. Am. Med., 1928, 23: 634-9.—**Jacobs, J.** Zur Behandlung der Lymphogranulomatoose. Strahlentherapie, 1930, 35: 533-8.—**Jenkinson, E. L.** Hodgkin's disease. Radiology, 1932, 19: 41-9.—**Joly, M.** Devenir d'un ganglion lymphogranulomateux après roentgentherapie. Bull. Soc. radiol. méd. France, 1930, 18: 368-71.—**Joseph, B., & Ehrlich, D. E.** Hodgkin's disease and lymphosarcoma; results of radiation therapy. Arch. Clin. Cancer Res., 1926, 2: 69-73.—**Karlin, M. I.** [Roentgentherapie of lymphogranulomatosis] Klin. med., Moskva, 1931, 9: 898-904.—**Krause, P.** Zur Röntgentherapie der Pseudoleukämie und anderweitiger Bluterkrankungen. Fortsch. Röntgenstrahl., 1905-6, 9: 153-75.—**Krichevsky, [Problem of roentgentherapie in lymphogranulomatosis] Vrach. gaz. 1929, 33: 2056-60.—Kuchen, C.** Beitrag zur Röntgentherapie der Lymphogranulomatoose mit besonderer Berücksichtigung der neueren klinischen Ergebnisse. Strahlentherapie, 1928-29, 31: 623-70.
- Klinik der Lymphogranulomatoose mit besonderer Berücksichtigung der Röntgentherapie. Erg. inn. Med. Kinderh., 1929, 36: 407-93. Also Klin. Wschr., 1929, 8: 1915-9.—**Laborde, S., & Nemours-Auguste, A.** Propos de la radiothérapie de la lymphogranulomatoose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22, sess., 78-81.—**Laschi, G.** La radiothérapie della linfogranulomatosi del mediastino. Arch. radiol., Nap., 1928, 4: 53-78.—**Lavedan, J., & Reverdy, J.** La lymphogranulomatoose maligne; contribution clinique et traitement télécuriethérapique. Paris méd., 1940, 115: 104-15.—**Lemaître, L., Nuyten, J., & Legrand, E.** Observations de lymphogranulomatosis traitées par la radiothérapie. Echo méd. nord., 1939, 3, sér., 10: 383-92.—**Levin, I.** Lymphoma malignum (Hodgkin's disease) and lymphosarcoma; pathogenesis, radiotherapy and prognosis. J. Am. M. Ass., 1931, 96: 421-6.
- Radiotherapy in Hodgkin's disease and lymphosarcoma. Radiol. Rev., 1934, 56: 56-60.—**Levitt, W. M.** Treatment of lymphadenoma and certain malignant growths with X-ray baths. Lancet, Lond., 1940, 1: 212-5.—
- Levy-Dorn.** Ueber Belichtung eines Falles von Pseudoleukämie mit Röntgenstrahlen. Berl. klin. Wschr., 1904, 41: 1285. Also Verh. Berl. med. Ges. (1904) 1905, 35: 213-6.—**Lustig, A.** Ein durch Röntgenstrahlen geheilter Fall von multiplen Lymphomen. Verh. Ges. deut. Naturforsch. (1907) 1908, 2. Teil, 2. Hft., 61-4.—**McAlpin, K. R., & Golden, R.** Roentgen treatment of lymphoblastoma (Hodgkin's disease) Am. J. Roentg., 1933, 29: 83-90.—**MacRae, J. D.** Hodgkin's disease. Radiol. Rev., 1929, 51: 325.—**Mandarino, A.** Trattamento radiologico del granuloma maligno. Arch. radiol., Nap., 1929, 5: 202-19.—**Marchal, G., Mallet, L. [et al.]** La téléroentgentherapie totale dans le traitement des leucémies et de la maladie de Hodgkin. Presse méd., 1934, 42: 1763-6.
- **Marchal, G., Mallet, L., & Le Loc'h, H.** La téléroentgentherapie totale dans le traitement de la maladie de Hodgkin. Sang. Par., 1939, 13: 897-902.—**Melchart, F.** Die Behandlung der Lymphogranulomatoose mit hohen Röntgendosen. Fortsch. Röntgenstrahl., 1935, 51: 300. Also Strahlentherapie, 1935, 52: 460-3.—**Mervennee, C. J. van [Radiotherapy in malignant granuloma] Ned. tsehr. geneesk., 1932, 76, pt 2, 2612-6.—Niemczik, G.** [Roentgen therapy of lymphogranulomatosis] Budapesti orv. ujs., 1934, 32: 265-8.—**O'Brien, F. W.** The X-ray treatment of Hodgkin's disease. Radiology, 1931, 17: 1197-207.
- Roentgen treatment of the so-called malignant lymphomas. J. Am. M. Ass., 1936, 107: 2022-5.
- **Pfeiffer, C.** Die Röntgenbehandlung der malignen Lymphome und ihre Erfolge. Beitr. klin. Chir., 1906, 50: 262-78.—**Quadroni, C.** La pleurésie séro-fibrineuse comme complication du traitement radiothérapique de la pseudo-leucémie. Sem. méd., Par., 1905, 25: 375.—**Ratkóczy, N.** Herdvernickungsdosen in der Röntgentherapie der Lymphogranulomatoose. Strahlentherapie, 1936, 56: 325-36.—**Robinson, G. A.** Hodgkin's disease 13 years after treatment with Roentgen ray and radium. J. Am. M. Ass., 1928, 91: 1548.—**Roch, M., Gilbert, R., & Babaianz, L.** Longues rémissions dans l'évolution de la granulomatoose maligne (lymphogranulome) consécutives à la roentgentherapie. Presse méd., 1929, 37: 302-4.—**Sayago, C.** Radium therapy in Hodgkin's disease; report of a case. Am. J. Roentg., 1939, 42: 888.—**Schilling, [Diagnostik und Strahlenbehandlung der Lymphogranulomatoose. Fortsch. Röntgenstrahl., 1937, 55: Kongr., 29 [Discussion] 31-3.—Schlanger, P., & De Schlanger, E. W.** Contribution à la radiothérapie des lymphomes malins primitifs. Rev. sudamér. méd., Par., 1931, 2: 141-53.—Schultz, E. G. Die Strahlenbehandlung der Lymphogranulomatoose. Erg. med. Strahlenforsch., 1936, 7: 457-512.—Schwarz, G. Ueber Röntgenbehandlung Lymphogranulomkranker. Wien. Arch. inn. Med., 1935, 27: 353-70.—Sem, N. The therapeutical value of the Röntgen ray in the treatment of pseudoleukemia. N. York M. J., 1903, 77: 665-8.—Shawhan, R. C. Radiation therapy in Hodgkin's disease. U. S. Veterans Bur. M. Bull., 1930, 6: 409, 2 pl.—Sherman, G. A. Hodgkin's disease; with special reference to diagnostic difficulties, and results following Roentgen irradiation. J. Michigan M. Soc., 1930, 29: 909-12.—Sighinolfi, P., & Searzella, M. Rilievi su alcuni casi di linfogranulomatosi maligna nell'infanzia trattati con la roentgentherapie. Gior. clin. med., 1931, 12: 699-744.—Silvestroni, E. Influenza della roentgentherapie sull'equilibrio acido-basi dei linfogranulomatosi. Tumori, Milano, 1938, 24: 554-66.—Spritzer, M. [Roentgentherapie of malignant granuloma] Polska gaz. lek., 1938, 17: 360-3.—Steinwand, O. W. A case of pseudoleukemia successfully treated with X-rays. J. Am. M. Ass., 1904, 42: 828.—Tománek, F. [Results in the treatment of Hodgkin's disease with radium] Cas. lék. česk., 1929, 68: 1478-80.—Tschilow, K. Die Diazoreaktion nach Röntgenbestrahlung bei Lymphogranulom. Med. Klin., Berl., 1930, 26: 1151-3.—Vesin, S. Les résultats obtenus par la radiothérapie dans la lymphogranulomatoose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22, sess., 72-7.
- [Roentgentherapie of lymphogranulomatosis] Cas. lék. česk., 1937, 76: 1021-4.—Voorhoeve, N. [Result and experiences in Roentgen treatment of malignant granuloma] Ned. tsehr. geneesk., 1925, 69: pt 2, 1677-86.—Watt, W. L. Hodgkin's disease and deep X-ray therapy. Brit. M. J., 1936, 2: 712.—Wikner, E. [A case of pseudoleukemia treated by Röntgen rays together with remarks on the effect of Röntgen rays on the blood] Hygiea, Stockh., 1906, 2, f., 6: 757-71.—Zahourek, V. [Roentgen treatment of lymphogranulomatosis] Cas. lék. česk., 1936, 75: 1384-1408.

Treatment, surgical.

- Blount, W. P.** Hodgkin's disease; an orthopaedic problem. J. Bone Surg., 1929, 11: 761-70.—**Carnett, J. B., Bates, W., & Linney, R. Z.** Splenectomy for Hodgkin's sarcoma and for epidermal cyst with observations on blood calcium and blood platelets. Surg. Clin. N. America, 1931, 11: 1255-65.—**Haefen, K. von.** Zur Behandlung der Lymphogranulomatoose. Beitr. klin. Chir., 1939, 169: 663-9.—**Heinatz, S. V.** [Palttauf-Sternberg's lymphogranulomatosis and its surgical treatment] Vest. khir., 1930, 21: 27-43.—**Hejduk, B.** [Operative treatment of Hodgkin's disease] Cas. lék. česk., 1933, 72: 1389-95.—**Krammer, E.** Beitrag zur Chirurgie der Lymphogranulomatoose. Arch. klin. Chir., 1930, 160: 234-8.—**Lerche, W.** Hodgkin's disease of the neck and mediastinum; bilateral cervical operations; mediastinotomy. Arch. Surg., 1929, 18: 329-38.—**Rolleston, H.** Hodgkin's lymphogranuloma. In Post-Grad. Surg. (Maingot, R.) N. Y., 1937, 3: 4218-26.

Type.

Ho, T. *Blastomartige Ausbreitung der Lymphgranulomatose. 28p. 8°. Münch., 1933.

Mack, M. *Zur Kasuistik der Lymphgranulomatose; über eine besondere, bisher noch nicht beschriebene Form der Lymphgranulomatose. 32p. 22½cm. Freib. i. B., 1936.

Mousson, G. L. *Generalisierte Lymphgranulomatose von ungewöhnlicher Ausdehnung, unter dem klinischen Bilde der Mycosis fungoides verlaufend (ein Beitrag zur Frage der Verwandtschaft beider Krankheitsbilder) [Zürich] 44p. 8°. Stockh., 1929.

Also Acta derm. vener., Stockh., 1929, 10: 186-228.

PERETZKI, W. *Ueber sarkomähnliche Formen der Lymphgranulomatose. 20p. 8°. Münch., 1932.

Bondirev, A. [Clinical forms of Hodgkin's disease] Klin. med., Moskva, 1927, 5: 654-65.—Brachetto-Brian, D., & Viglino, P. B. A. Linfogranuloma del cavum a forma pseudotumoral. Rev. As. méd. argent., 1937, 51: 245-7.—Cailliau, F. Les formes locales de la granulomatose maligne. Sang, Par., 1932, 6: 472-90.—Cataldi, G. Considerazioni cliniche ed anatomo-patologiche sopra uno speciale caso di malattia di Paltauf-Sternberg a tipo blastomatoso. Clin. med. ital., 1933, 64: 279-98.—Connor, C. L. Generalized granulomatous lymphadenitis associated with diffuse progressive fibrosis of the lungs. Arch. Int. M., 1928, 42: 822-34.—Deák, E. Ueber die exsudative Erscheinungsform des Lymphgranuloms. Virchows Arch., 1928, 269: 697-705.—Dembrow, W. L. Hodgkin's disease without involvement of superficial glands. Med. Bull. Veterans Admin., 1932, 9: 85-7.—Dudits, A. Die sogenannte tumorartige Form der Lymphgranulomatose. Zschr. Krebsforsch., 1933-34, 40: 229-38.—Fragomele, A. Una speciale forma di linfogranulomatosi maligna ascellare unilaterale con mielocitosi. Riforma med., 1936, 52: 1089-92.—Huguenin, R. Les aspects tumoraux de la lymphogranulomatose (maladie de Sternberg-Paltauf). Bull. Ass. fr. cancer, 1929, 18: 87-103.—Delarue, J., & Barbel, J. Sur quelques formes ulcérées et suppurées de la lymphogranulomatose maligne. Ann. anat. path., Par., 1937, 14: 847-53.—Monges, J., Poinso, R., & Legré, M. Lymphogranulomatose maligne à forme cervicale localisée de durée anormalement prolongée. Marseille méd., 1937, 74: 221-8.—Mousseau, L. Les formes cliniques de la maladie de Hodgkin-Sternberg (Lymphogranulomatose maligne). Arch. méd. Angers, 1926, 30: 129-35.—Puente Duany, N. Consideraciones sobre una observación de linfogranulomatosis maligna con lesiones exudativas difusas. Bol. Liga cáncer, Habana, 1929, 4: 281-93.

Una variedad benigna y muy crónica de la linfogranulomatosis. Ibid., 1934, 9: 162-75.—Richon, Florentin & Girard. Remarques sur 2 formes anatomo-cliniques de la maladie de Hodgkin. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 31-4.—Rimbaud, L., Anselme-Martin [et al.] Granulomatose maligne à forme typhoïde. Arch. Soc. sc. méd. biol. Montpellier, 1933, 14: 310-5.—Scarzella, M. Sulle localizzazioni rare del linfogranuloma maligno. Minerva med., Tor., 1930, 21: 448-58.

Type, abdominal.

Abdominal tumor from Shreveport Charity hospital. Tristate M. J., 1934-35, 7: 1488.—Bacaloglu, C., & Enachesco, M. Lymphogranulomatose abdominale maligne. Presse méd., 1937, 45: 76-8.—Barbier, G., Gauthier, R., & Cailliau, F. Lymphogranulomatose maligne abdomino-pelvienne (maladie de Hodgkin à forme abdominale). Bull. Soc. fr. derm. syph., 1927, 34: 159-61.—Bargen, J. A., & Ochsner, H. C. Abdominal Hodgkin's disease: report of a case. Med. Clin. N. America, 1935, 19: 423-7.—Binford, C. H., & Nesbit, W. W. Hodgkin's disease, acute abdominal type; report of a case. Hosp. News, Wash., 1939, 6: No. 14, 11-7, pl.—Boles, R. S. Hodgkin's disease, abdominal type; report of a case with primary involvement of the retroperitoneal glands. Med. Clin. N. America, 1926, 10: 313-30. Also Illinois M. J., 1927, 52: 112-20.—Caselli, E. G. Linfogranulomatosis a localización abdominal en la infancia. Arch. pediat. Uruguay, 1937, 8: 158-69. Also Rev. As. méd. argent., 1937, 51: 302-12. Also Sem. méd., B. Air., 1937, 44: 1285-90.—Chiser, S., & Petrescu, N. Lymphogranulomatose maligne à évolution purement abdominale. Sang, Par., 1934, 8: 125-8.—Faget, G. H. Abdominal lymphogranuloma (Hodgkin's disease) a diagnostic problem; report of cases. Hosp. News, Wash., 1940, 7: No. 18, 1-13, 3 pl.—Feigenbaum, J. Abdominal Hodgkin's disease. Canad. M. Ass. J., 1933, 28: 179-82.—Ferrannini, L. Due casi di tumore maligno delle linfoglandole addominali. Minerva med., Tor., 1934, 25: pt 2, 457-63.—Labbé, M., & Balmus, G. Etude clinique et histo-pathologique d'un cas de lymphogranulomatose à localisation rétro-péritonéale et envahissement rénal diffus. Ann. anat. path., Par., 1937, 14: 121-32.—Muller, G. P., & Boles, R. S. Abdominal manifestations of Hodgkin's disease. J. Am. M. Ass., 1927, 88: 301-7. Also repr.—Neely, J. M. Abdominal Hodgkin's disease; case report. Nebraska M. J., 1934, 19: 336-9.—Tobias, J. W., &

Colombi, P. A. Amiloidosis generalizada por linfogranulomatosis abdominal. Rev. med., B. Air., 1940, 2: 927-35.—Trenti, E. Linfogranulomatosis addominale. Boll. Accad. med. Roma, 1935, 61: 246-52.—Vasilii, T., & Roman, I. [Abdominal lymphogranulomatosis with extensive pulmonary foci] Cluj. med., 1940, 21: 152.—Weber, F. P. Abdominal lymphogranulomatosis maligna (Hodgkin's disease) with very high blood-eosinophilia. Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Clin., 73.—& Bode, O. A case of abdominal lymphogranulomatosis maligna (Hodgkin's disease) with high blood-eosinophilia and lymphogranulomatous infiltration of the epidural fat. Lancet, Lond., 1927, 2: 806. Also repr.

Type, acute.

Farkas, E. Zur Kasuistik der akuten Lymphogranulomatose. Med. Klin., Berl., 1927, 23: 1643-5.—Gasbarrini, A. Linfogranuloma maligno acuto. Clinica, Bologna, 1939, 5: 515-29.—Goia, I. [Acute malignant lymphogranulomatosis] Cluj. med., 1932, 13: 301-3. — Considerations sur un cas de lymphogranulomatose maligne aiguë. Sang, Par., 1935, 9: 243-8.—Jezler, A., & Scheidegger, S. Akuter Verlauf bei Lymphogranulomatose (mit panmyelophthisischem Blutbild) Schweiz. med. Wschr., 1935, 65: 7-10.—Kretz, J. Zur Klinik der akuten Lymphogranulomatose. Fol. haemat., Lpz., 1930, 41: 356-64.—Read, W. T., jr. Acutely progressive Hodgkin's disease. Arch. Path., Chic., 1940, 30: 1293.—Usseglio, G., & Olivetti, R. Sulla linfogranulomatosis acuta. Arch. sc. med., Tor., 1933, 57: 725-44.

Type, atypical.

Blume, E. *Ueber einen Fall von atypischer Lymphogranulomatose. 19p. 8°. Frankf., 1934.

Pfennigwerth, H. *Beitrag zur Frage der atypischen Lymphogranulomatose. p.85-104. 8°. Berl., 1933.

Also Frankf. Zschr. Path., 1933, 44:

STREMPPEL, W. *Ein atypisch verlaufener Fall von Lymphogranulomatose [Kiel] 23p. 8°. [Marb. a. L.] 1929.

Abrikossoff, A. Ueber den Begriff der atypischen Lymphogranulomatose. Virchows Arch., 1930, 275: 505-15.—Arif Ismet Cetinçil. [Atypical lymphogranulomatosis] Bull. Soc. turque méd., 1938, 82: 413.—Barker, L. F. An unusual case of Hodgkin's disease. Proc. Interst. Postgrad. M. Ass. N. America (1928) 1929, 462-4, 2 pl.—Barkhash, P. A. [Atypical cases of Hodgkin's disease] Vrach. delo, 1929, 12: 1405-9.—Brizio, G. V. Considerazioni cliniche ed anatomo-patologiche su di un caso di linfogranuloma maligno atipico. Gior. med. Alto Adige, 1930, 2: 405-15.—Calvert, E. G. B., & Sanguinetti, H. H. Atypical Hodgkin's disease. Brit. M. J., 1933, 1: 52-4.—Cossali, C., & Cozzutti, G. Le forme anomale della linfogranulomatosis maligna. Clin. med. ital., 1935, 55: 13-94.—Di Vita, G. Forme atipiche della linfogranulomatosis. Policlinico, 1937, 44: sez. prat., 2351-9.—Favre, M., Croizat, P., & Guichard, A. Caractères anatomo-cliniques de la granulomatose maligne; les formes atypiques de la granulomatose maligne. Gaz. hôp., 1932, 105: 1633.—Favre, Croizat, P. [et al.] A propos des formes anormales de la granulomatose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 10-2. — & Guichard, A. Les formes anormales de la granulomatose maligne. Rapp. Congr. fr. méd., 1932, 22. sess., 1: 5-74 [Discussion] C. rend., 1-103.—Fittipaldi, C. Le forme atipiche del granuloma maligno. Haematologica, Pavia, 1933, 14: 315-48.—Gabriele, C. Morbo di Hodgkin atipico. Rinasce. med., 1931, 8: 274-6.—Gsell, O. Miliare generalisierte Granulomatose mit eingelagertem Amyloid (atypische Lymphogranulomatose) Beitr. path. Anat., 1928, 81: 426-40, pl.—Harbitz, F. Lymphogranulomatosis maligna, preliminary stages, boundary cases, atypical (new?) forms. Acta path. microb. scand., 1929, 6: 356-78.—Herman, E., & Zeldowicz, H. Lymphogranulomatose maligne à évolution insolite. Rev. neur. Par., 1938, 70: 358.—Lougny, G., & Clarion, J. Lymphadénie aleucémique atypique, ganglionnaire et viscérale, à évolution aiguë: granulome malin. Bull. Soc. méd. hôp. Paris, 1921, 3. ser., 45: 662-5.—Mittelbach-Schmidt, M., & Stolz, W. Beitrag zur atypischen Lymphogranulomatose. Frankf. Zschr. Path., 1936-37, 50: 365-75.—Owens, T. C. Atypical Hodgkin's disease. Med. Bull. Veterans Admin., 1937-38, 14: 373.—Pansini, G., & Coppa, E. Su una forma atipica di morbo di Hodgkin. Haematologica, Pavia, 1940, 22: 33-45.—Perihan Cambel. [Case of atypical lymphogranulomatosis] Bull. Soc. turque méd., 1938, 82: 420-2.—Pontieri, F. Su di un caso atipico di granuloma maligno. Med. ital., 1934, 15: 781-90.—Reinstorff, E. Ein Beitrag zur Kenntnis der atypischen Lymphogranulomatose. Frankfurt. Zschr. Path., 1929, 38: 480-501.—Sapwell, J. I. An unusual case of Hodgkin's disease. Lancet, Lond., 1931, 2: 347-9.—Skworzoff, M. A., & Ussanowa, E. W. Ueber die sogenannten atypische Lymphogranulomatose. Virchows Arch., 1934-35, 294: 595-604.—Stephani, H. Ungewöhnliche Formen der Lymphogranulomatose. Ibid., 1937, 300: 495-516.—Sternberg, C. Zur Frage der sogenannten atypischen Lymphogranulomatose. Beitr. path. Anat., 1931, 87: 237-71.—Uher, V. [Atypical lymphogranuloma] Bratisl. lek. listy, 1933, 13: 165-73.—Vidal, J. A propos des formes in-

complètes de la lymphogranulomatose maligne. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 35-40.

Type, hepatolienal.

MERMET, J. F. M. *Les formes hépatospléniques de la maladie de Hodgkin. 75p. 24½cm. Par., 1938.

Alestra, L. Linfogramuloma epatolienale. Clinica, Bologna, 1938, 4: 430-42.—Bibus, B. Zur Klinik der hepatolienalen Form der Lymphogranulomatose. Med. Klin., Berl., 1936, 32: 1561-3.—Crouzon, O., Bertrand, I., & Lemaire, A. Sur un cas de maladie de Hodgkin avec participation splénique et dégénérescence amyloïde du foie. Bull. Soc. méd. hôp. Paris, 1927, 3. ser., 51: 760-7.—Dimitresco-Popovici, J. Les formes atypiques de la lymphogranulomatose maligne; granulome malin à localisation hépatosplénique. Gaz. méd. France, 1935, 42: gastro. No. 11, 13-7.—Michailescu, C., & Popovici, D. [Malignant hepato-splenic granuloma] Rev. san. mil., Bucur., 1934, 33: 579-87.—Schiappoli, F. Granuloma maligno a localizzazione epatosplenica con anemia emolitica. Minerva med., Tor., 1934, 25: 575-81.—Stockman, R., & Muir, R. Case of lymphadenoma with involvement of the liver and spleen. Tr. Glasgow Path. Clin. Soc., 1906-7, 11: 161-7. Also Glasgow M. J., 1907, 68: 132-7.

Type, inguinal.

Castorina, G. Su di un caso di linfogranuloma maligno a sede inguinale. Pediatria (Riv.) 1927, 35: 179-87.—Cottini, G. B. Sul quadro cutaneo e glandolare in un caso di linfogranuloma maligno varietà inguinale. Arch. ital. derm., 1937, 13: 644-59.—Fedeli, F. Su di un caso di linfogranulomatosi di Palttauf-Sternberg a sede inguinale. Minerva med., Tor., 1928, 8: 1077-92.—Margaret, J., Rimbaud, P., & Ravoire, J. Maladie de Hodgkin à localisation inguinale avec tumeur cutanée ulcérée. Bull. Soc. fr. derm. syph., 1939, 46: 341-4.—Oteiza Setián, A., & López Fernández, F. Enfermedad de Hodgkin a forma inguinal localizada; evolución crónica del caso. Rev. méd. cubana, 1937, 48: 334-43.

Type, mediastinal and intrathoracic.

BARASS, E. *Contribution à l'étude de la maladie d'Hodgkin, forme médiastinale. 43p. 8° Par., 1933.

ROMDANE, C. B. *Les sténoses bronchiques dans la lymphogranulomatose du médiastin; leur valeur diagnostique. 73p. 8° Par., 1935.

Barone, V. G. Sopra un caso di linfogranulomatosi maligna cervico-mediastinica, con infiltrazione secondaria del cuore e del polmone. Riforma med., 1930, 46: 1949-52.—Behrend, M. Hodgkin's tumor of the anterior mediastinum and anterior chest wall. Am. J. Surg., 1939, 45: 348-50.—Bizzozero, R. C. Las formas mediastinales del granuloma maligno. Dia méd., B. Air., 1930-31, 3: 450.—Blasi, R. Localizzazioni endotoraciche della linfogranulomatosi. Q. radiol., Belluno, 1937, 8: pt 2, 123-39.—Cănculescu, Eschenasy & Hirsch. [Case of mediastinopleural lymphogranulomatosis with pleurisy and Hippocratic signs] Rev. st. med., Bucur., 1927, 16: 629-39.—Cavarozzi, N. Linfogranulomatosi maligna; atelektasia polmonare massiva da compressione ghiandolare mediastinica delle vie bronchiali. Riv. fisiol., 1940, 13: 250-73.—Cooper, D. A. Hodgkin's disease of the mediastinum. Med. Clin. N. America, 1930-31, 14: 993-8.—Denéchau, D. Un cas de lymphogranulomatose maligne thoracique à forme médiastinale primitive compliquée d'un lymphome dermo-hypodermique du cuir chevelu particulièrement étendu. Arch. méd. Angers, 1939, 43: 86-8.—Ducamp, Janbon, M. [et al.] Un nouveau cas de granulome malin; forme cervico-médiastinale; mort par asphyxie. Arch. Soc. sc. méd. biol. Montpellier, 1928, 9: 434-40.—Durand, H. Les localisations thoraciques de la maladie de Hodgkin. Arch. méd. chir. app. resp., Par., 1928, 3: 34-58, 2 pl.—Kasabach, H. H., & McAlpin, K. R. Mediastinal Hodgkin's disease. N. York State J. M., 1938, 38: 171-5.—Kolmer, A., & Konzelmann, F. W. Mediastinal type of Hodgkin's disease. Med. Clin. N. America, 1934, 18: 177-89.—Kraft, H. L. Hodgkin's disease of the mediastinum with invasion of the lungs; case report. Mil. Surgeon, 1929, 65: 229-33.—Litova, P. P. [Clinical aspect of primary lymphogranulomatosis of the mediastinum] Vrach. delo, 1935, 18: 867.—Loeper, M., & Bioy, E. Atélectasie du lobe supérieur du poulmon droit ayant disparu après radiothérapie dans un cas de maladie de Hodgkin à forme cervico-médiastinale. Bull. Soc. méd. hôp. Paris, 1935, 3. ser., 51: 169-72.—Loeper, M., Lemaire, A., & Varay, A. Maladie de Hodgkin vraisemblable à localisation médiastino-pulmonaire et osseuse. Ibid., 1937, 3. ser., 53: 374-8.—Nobécourt, P., Kaplan, M., & Ducas, P. A propos de 2 cas de lymphogranulomatose maligne à forme thoracique. Arch. méd. chir. app. resp., Par., 1935, 10: 261; 368; 3 pl.—Pruvost, P., & Brincourt. Formes thoraciques de la maladie de Hodgkin. Marseille méd., 1936, 73: 244-6.—Rimbaud, P. L'évolution de la lymphogranulomatose maligne; développement insidieux d'une forme médiastinale avec localisations viscérales multiples. Ann. anat. path., Par., 1934, 11: 43-58.—Sherman, E. D. Intrathoracic Hodgkin's disease. J. Mount Sinai Hosp. N. York, 1935-36, 2: 251-8.—Tapie, J., &

Lyon, A. Lympho-granulomatose du médiastin (maladie de Hodgkins à forme médiastinale) Prat. méd. fr., 1926, 5: 1-14.—Vedel, Vidal [et al.] Sur un cas de lymphogranulomatose maligne à forme cervico-médiastinale. Arch. Soc. sc. méd. biol. Montpellier, 1928, 9: 443-7.—Weber, F. P. Mediastinal form of lymphadenoma (Hodgkin's disease) with extreme so-called pulmonary hypertrophic osteoarthropathy. Proc. R. Soc. M., Lond., 1908-9, 2: Clin. Sect., 66-86.—Williams, E. R. A radiological study of intrathoracic lymphogranuloma and lymphosarcoma. Brit. J. Radiol., 1935, 8: 265-79.—Wright, C. B. Hodgkin's disease; 60 cases in which there were intrathoracic lesions; clinical lecture at San Francisco session. J. Am. M. Ass., 1938, 111: 1286-90.

Type, myeloid.

FRONT, J. *Les formes myéloïdes de la granulomatose maligne de Palttauf-Sternberg. 72p. 8° Lyon, 1937.

Cordier, Barbier [et al.] Granulomatose maligne à type myéloïde; intérêt clinique et diagnostic du myélogramme. Lyon méd., 1937, 159: 22-6.—Freeman, H. E. Hodgkin's disease with blood picture of myelogenous leukemia. Arch. Derm. Syph., Chic., 1939, 40: 332.—Skworzoff, M. A. Lymphogranulomatose mit akuter myeloider Leukämie. Frankf. Zschr. Path., 1930, 40: 81-96.—Sternberg, C. Ein fraglicher Fall von Myeloblasten-Pseudoleukämie. Verh. Deut. path. Ges., 1912, 15: 55-9, 2 pl.

Type, splenomegalic.

FALGUIÈRE, B. *Etude de la rate dans la lymphogranulomatose maligne de forme à prédominance splénomégaly. 100p. 8° Par., 1931.

Achard, C., Bariéty, M., & Desbuquois, G. Granulomatose maligne à forme splénique pure. Bull. Soc. méd. hôp. Paris, 1931, 3. ser., 47: 937-42.—Bergqvist, B., & Gripwall, E. Beiträge zur Kenntnis der Differentialdiagnose zwischen Splenogranulomatosis siderotica (Nanta) und Lymphogranulomatose; Analyse eines Falles von wahrscheinlich primärer Milz-Lymphogranulomatose. Acta path. microb. scand., 1935, 12: 79-114.—Degle, H. Ein Fall von reiner lienaler Pseudoleukämie. Wien. med. Presse, 1891, 32: 416-9.—Forma [la] splenica della malattia di Hodgkin. Gazz. osp., 1938, 59: 199-203.—Hallé, J., Derome, & Odinet. Forme splénomégaly de la maladie de Hodgkin. Bull. Soc. pédiat. Paris, 1933, 31: 241-4.—Hedblom, C. A. Hodgkin's disease with splenomegaly without glandular enlargement; splenectomy; subphrenic abscess and empyema; recovery. Surg. Clin. N. America, 1926, 6: 859-64.—Holler, G., & Paschke, K. Zur Klinik der splenomegalen Lymphogranulomatose. Wien. Arch. inn. Med., 1927, 14: 149-62.—Klemperer, P. The spleen in Hodgkin's disease, lymphosarcomatosis and leukemia. Am. J. M. Sc., 1934, 188: 593-6.—Mackenzie, A. J. A case of Hodgkin's disease primary in the spleen. S. Michael Hosp. M. Bull., Toronto, 1925-26, 2: 74-9.—Mathieu, L., Grimaud & Herbeval, R. Maladie de Hodgkin à forme splénique chez un homme de 58 ans; terminaison en ictere grave. Rev. méd. Nancy, 1939, 67: 544-8.—Mondon, H., & Dulisconet, R. Cas de maladie de Hodgkin à prédominance splénique. Bull. Soc. méd. hôp. Paris, 1929, 3. ser., 53: 1346-53.—Nobécourt, P. Les formes splénomégaly de la lymphogranulomatose maligne chez l'enfant. C. rend. Congr. fr. méd. (1932) 1933, 22. sess., 13-7. Also Gaz. méd. France, 1932, 783-7.—Sisto, P. La forma splenomegalica del linfogranuloma maligno. Minerva med., Tor., 1935, 26: pt 2, 545-55.—Strada, F., & Navarro, A. Linfogranulomatosis esplénica. Prensa méd. argent., 1926, 13: 5-9.

in animals.

Bowen, J. N. Hodgkin's disease in the dog. Vet. Rec., Lond., 1933, 13: 409.—Breteguier, L. Nouvelle observation de lymphadénome des ganglions préceptoraux et du médiastin antérieur, chez une jument. Rec. méd. vét., 1909, 86: 156-9.—Craig, J. F. Pseudo-leukemia in a bitch. Vet. Rec., Lond., 1921, n. ser., 1: 412.—Gärtner, W. Lymphomatosi maligna bei einem 15 Jahre alten Pferd. Berl. tierärztl. Wschr., 1927, 43: 864.—Günther. Pseudoleukämie beim Schwein. Deut. tierärztl. Wschr., 1906, 14: 112.—Henry, A., & Bory, L. La syphilioïde du chat; lymphogranulomatose éosinophilique prurigène; ses rapports avec le pseudo-cancroïde des lèvres du même animal. Bull. Soc. fr. derm. syph., 1934, 41: 959-64.—MacMahon, H. E. A case of Hodgkin's disease in a dog. Am. J. Path., 1934, 10: 309-11, pl.—Merriman, R. W. Pseudoleukemia in a cow. J. Am. Vet. M. Ass., 1923-24, 63: 768.—Milks, H. J. Pseudo-leukemia in a dog. Ibid., 1919, 55: 436-43.—Mobley, L. B. Pseudoleukemia in a dairy cow. Vet. Med., Chic., 1939, 34: 31-3.—Morpurgo, B. Su una forma di pseudoleukemia dei topolini. Gior. Accad. med. Torino, 1915, 4. ser., 21: pt 2, 23-8.—Rolleston, H. Hodgkin's disease in man and animals. Brit. M. J., 1926, 1: 230. Also Vet. Rec., Lond., 1926, 6: 219-23. ———— Wooldridge, G. H. [et al.] Discussion on Hodgkin's disease in man and animals. Proc. R. Soc. M. Lond., 1925-26, 19: Sect. Med. & Comp. Med., 39-52.—Rottke. Pseudoleukämie bei einem Schwein. Berl. klin. Wschr., 1906, 712.—Stalker, L. K., Schlotthauer, C. F., &

Feldman, W. H. Probable Hodgkin's disease in a dog: report of a case. *Am. J. Cancer*, 1936, 28: 595-602.—**Turgut, M.** Ein Fall von Pseudoleukämie bei einem Maultier. *Wien. tierärztl. Mschr.*, 1932, 19: 269.—**Weber, E.** Die Klinik der Pseudoleukämie des Kindes. *Berl. tierärztl. Wschr.*, 1924, 40: 689.

— in children.

DUPONT, J. *Etude clinique de la lymphogranulomatose maligne chez l'enfant (maladie de Hodgkin) [Paris] 71p. 8° Persan (S. et O.) 1934.

HUHN, R. *Zur Lymphogranulomatose bei Kindern. 32p. 8° Berl., 1932.

SAKUTH, E. *Ueber die Lymphogranulomatose im Kindesalter. 35p. 21cm. Freib.i.B., 1937.

THEWALT, G. W. *Zur Casuistik der Hodgkinschen Krankheit (Lymphogranulomatosis oder Granuloma malignum) im Kindesalter. 28p. 8° Freib.i.B., 1925.

Acuña, M., & Casaubón, A. La linfogranulomatosis en la infancia. *Sem. méd.*, B. Air., 1926, 33: pt 2, 248-64.—**Ayroza, A.** A propos d'un cas de maladie de Hodgkin. *Rev. sudamér. méd.*, Par., 1930, 1: 262-7.—**Babonneix, L., & Jourdan, U.** Un cas de lymphogranulomatose infantile. *Bull. Soc. pédiat. Paris*, 1934, 32: 573-7.—**Broca, R., & Marie, J.** Lymphogranulomatose maligne (maladie de Hodgkin) In *Année pédiat.*, 1934, 1: 25-43.—**Casaubon, A., & Cossoy, S.** A propos d'un cas de linfogranulomatosis maligna en una niña de once años. *Sem. méd.*, B. Air., 1941, 48: 2-7.—**Cassoute, Trabuc, & Dias.** Un cas de maladie de Hodgkin. *Bull. Soc. pédiat. Paris*, 1926, 24: 248-56.—**Cassoute, E., Poinso, R., & Farnier, G.** A propos de 4 cas de lymphogranulomatose maligne chez l'enfant. *Marseille méd.*, 1933, 70: 629-46.—**Catel.** Fall von Hodgkin bei einem 2½ Monate altem Säugling. *Deut. med. Wschr.*, 1926, 52: 344.—**Cirajias, F.** Anotaciones clinicas a la enfermedad de Hodgkin, y a la linfogranulomatosis tuberculosa, en la infancia. *Inform. méd.*, Valladolid, 1928, 5: 165-81.—**Conradi, E.** Beitrag zur Pathogenese und Aetiologie der Lymphogranulomatosis maligna (Hodgkin-Sternberg) im Kindesalter. In *Festschr. Feier. 10jähr. Besteh. Akad. prakt. Med. in Cöln*, Bonn, 1915, 594-617.—**Corbeille, C.** Hodgkin's disease in children: a clinical study of 33 cases. *Minnesota M.*, 1928, 11: 678-83.—**De Capua, F.** Contributo anatomo-clinico alla conoscenza della linfogranulomatosis maligna nell'infanzia. *Pediatria (Riv.)*, 1929, 37: 753-67.—**Dubrovsky, M. B., & Bialik, V. L.** [Typhoid form of lymphogranulomatosis in children] *Sovet. pediat.*, 1935, No. 9, 102-5.—**Eckardt, F.** Ueber Knochen-Lymphogranulomatose im Kindesalter. *Kinderärztl. Prax.*, 1934, 5: 49-57.—**Faktorovich, I. M.** [Two cases of lymphogranulomatosis in children] *Vrach. delo*, 1935, 18: 869.—**Feer, W.** Lymphogranulom bei Kindern. *Jahrb. Kinderh.*, 1929, 3. F., 73: 145-69.—**Gysi, H.** Lymphogranulomatose beim Kinde. *Klin. Wschr.*, 1926, 5: 191.—**Hamburg, R. L.** [Case of lymphogranulomatosis in a child of 2 years, 10 months of age] *Pediatria, Moskva*, 1938, No. 11, 121-5.—**Herlitz, C. W., & Wahlgren, F.** Ein Fall von Lymphogranulomatose bei einem Säugling. *Acta paediat. Upps.*, 1928, 8: 218-35.—**Josias, A., & Tollemer, L.** Lymphome malin généralisé à début amygdalien chez un enfant de 9 ans. *Presse méd.*, 1901, 2: 329-33.—**Kaplan, I. J.** Hodgkin's disease in children. *Arch. Pediat.*, N. Y., 1934, 51: 325-8.—**Kato, K., & Cardozo, W. W.** Hodgkin's disease with terminal eosinophilia occurring in a Negro child with sicklelema. *J. Pediat.*, S. Louis, 1938, 12: 165-75.—**Kisel, A. A.** [Three cases of Hodgkin's disease in children of 4, 4½ and 11 years of age] *Vrach. S. Petersb.*, 1874, 15: 651.—**Leenhardt, E.** Lymphogranulomatose maligne. In *Traité méd. enfants* (Nobécourt & Babonneix) *Par.*, 1934, 2: 926-41.—**L'Esperance, E. S.** Study of a case of Hodgkin's disease in a child. *J. Immun.*, Balt., 1930, 18: 127-32.—**Levasheva, A. D.** [On Hodgkin's disease in children] *Sovet. pediat.*, 1936, No. 5, 103-7.—**Limper, M. A.** Hodgkin's disease in childhood. *Kentucky M. J.*, 1939, 37: 97-102.—**Malavasi, W.** Sul linfogranuloma maligno nell'infanzia. *Clin. pediat. Mod.*, 1937, 19: 333-48.—**Mikulowski, W.** [Recurrent form of Hodgkin's disease in a 6-year-old child] *Polska gaz. lek.*, 1933, 12: 559-61. Also *Arch. méd. enf.*, 1934, 37: 725-31.—**Nobécourt, P., Martin, R.** [et al.] Considérations cliniques anatomiques et expérimentales sur 3 cas de lymphogranulomatose chez l'enfant. *Ann. méd.*, Par., 1930, 28: 563-95.—**Nobl, G.** Juvenile tuberöse Lymphogranulomatose. *Wien. klin. Wschr.*, 1933, 46: 717-9.—**Perocco, F. A.** Due casi di granuloma maligno dell'infanzia (malattia di Hodgkin-Paltauf-Sternberg). *Clin. pediat. Mod.*, 1937, 19: 79-102.—**Pezza, E.** Due casi di granuloma maligno. *Pediatria (Riv.)*, 1934, 42: 981-1000.—**Pinelli, A.** Contributo clinico alla linfogranulomatosis maligna nella prima infanzia. *Ibid.*, 1930, 38: 1184-91.—**Salvioli, G.** Note e considerazioni su alcuni casi di granuloma maligno nell'età infantile. *Pediatria (Arch.) Nap.*, 1926-27, 2: 411-35.—**Smith, C. A.** Hodgkin's disease in childhood: a clinical study with a résumé of the literature to date. *J. Pediat.*, S. Louis, 1934, 4: 12-38.—**Turpin, R., Brun, C., & Salembiez, G.** Résultats de l'étude d'une granulomatose maligne de la grande enfance. *J. méd. chir.*, Par., 1934, 105:

201-9.—**Wiener, R.** Eine seltene Form der Lymphogranulomatose im Kindesalter. *Med. Klin.*, Berl., 1931, 27: 1637.—**Wollstein, M., & McLean, S.** Hodgkin's disease, primary in the thymus gland, report of a case in an infant. *Am. J. Dis. Child.*, 1926, 32: 889-99. Also repr.

— in pregnant.

BLITZ, K. E. *Beitrag zur Schwangerschaftsunterbrechung bei Lymphogranulomatose [Frankfurt] 29p. 20½cm. Gelnhausen, 1937.

Baltzer, H. Lymphogranulomatose und Schwangerschaft. *Zbl. Gyn.*, 1939, 63: 2129-33.—**Bastenie, Sluys, F., & Snoeck, J.** Un cas de granulomatose maligne décelé et soigné au cours d'une grossesse, resté sans récidive pendant 3 ans. *Bruxelles méd.*, 1935-36, 16: 290.—**Horster, H.** Lymphogranulomatose und Schwangerschaft. *Deut. med. Wschr.*, 1939, 65: 680.—**Morosi, G.** Linfogranuloma maligno e gravidanza. *Riv. ital. gin.*, 1935-36, 18: 329-47.—**Palacios Costa, N., & Falsia, M. V.** Linfogranulomatosis (enfermedad de Hodgkin) y embarazo. *Sem. méd.*, B. Air., 1936, 43: 652-4.—**Paviot, Levrat, & Jarrirot, H.** Observation anatomo-clinique d'un cas de granulome malin; grossesse intercurrente; sténose des grosses bronches. *Lyon méd.*, 1932, 150: 437-43.—**Salvini, A.** Linfogranuloma maligno e gravidanza. *Ginecologia, Tor.*, 1938, 5: 226-36.

GRANULOMA pediculatum.

See *Granuloma pyogenicum*.

GRANULOMA pyogenicum.

See also *Botryomycosis*.

CLASEN, F. *Ueber eine Fall von Granuloma teleangiectaticum. 21p. 8° Münch., 1931.

GÜNTHER [M.] G. *Granuloma teleangiectaticum oder pediculatum [Erlangen] 19p. 22½cm. Würzb., 1935.

HECK, K. *Ueber teleangiectatische Granulome mit Hyperkeratose an Nase und Ohr [Würzburg] p.409-15. 8° Lpz., 1931.

Also *Zschr. Laryng.*, 1931, 21:

HEIDELBACH, G. *Zur Frage der teleangiectatischen Granulome der Mundhöhle. 24p. 8° Gött., 1925.

HÚREZ, J. *Contribución à l'étude des botryomyces buccaux (granulomes télangiectasiques) 75p. 8° Par., 1924.

PETRI, J. *Ueber das Vorkommen des Granuloma teleangiectaticum in südlichem Baden [Freiburg] p.649-60. 8° Lpz., 1933.

Also *Derm. Wschr.*, 1933, 96:

Aievoli, E. L'antico ed il nuovo sulla cosiddetta bottrionicosi umana. *Gazz. internaz. med. chir.*, 1929, 37: 611-5.—**Andersen, K.** [Granuloma teleangiectaticum] *Ugeskr. laeger*, 1934, 96: 1412-5.—**Antunes, A.** Botryomycome humain. *Ann. anat. path.*, Par., 1928, 5: 251-67.—**Anzilotti, G.** Osservazioni sulla pseudobottrionicosi umana o granuloma pedunculato. *Arch. Soc. ital. chir.* (1921) 1922, 28: 171-83. Also *Riforma med.*, 1921, 37: 1083.—**Aronstam, N. E.** Human botryomycosis, with case report. *J. Michigan M. Soc.*, 1936, 35: 315. Also *Urol. Cut. Rev.*, 1936, 40: 407-9.—**Balog, P.** Das experimentelle Granuloma pediculatum. *Arch. Derm. Syph.*, Berl., 1926, 150: 252-60.—**Bamber, G.** Chronic pyococcal granulomatosis, resembling Gilchrist's disease. *Proc. R. Soc. M., Lond.*, 1934-35, 28: 360-2.—**Berger, L., Vallée, A., & Vézina, C.** Genital staphylococci actinophytosis (botryomycosis) in human beings. *Arch. Path.*, Chic., 1936, 21: 273-83, 2 pl.—**Biancheri, T.** Granuloma telangiectasico od angioma pedunculato ulcerato? (a proposito della cosiddetta bottrionicosi umana) *Rass. internaz. clin. ter.*, 1931, 12: 455-68, 2 pl.—**Biasini, A.** Contributo allo studio della così detta bottrionicosi umana. *Ann. ital. chir.*, 1937, 16: 887-902.—**Bronzini, M.** Su di un caso di pseudo-bottrionicosi a sede non comune. *Fol. med.*, Nap., 1934, 20: 352-65.—**Casazza, R.** Sulla falsa bottrionicosi umana: osservazioni cliniche, anatomopatologiche, sperimentali e critiche. *Arch. ital. derm.*, 1928, 4: 3-53. Sulla cura della falsa bottrionicosi umana mediante gli arsenobenzoli. *Ibid.*, 1930-31, 6: 453-67.—**Cernigliaro, M.** Osservazioni sulla pseudobottrionicosi umana. *Dermosiflografo*, 1936, 11: 182-91.—**Civate & Charpy, P.** Un cas de botryomycome de la lèvre inférieure guéri par les rayons ultra-violet. *Bull. Soc. fr. derm. syph.*, 1921, 28: 324-7.—**Coniglio, G.** Contributo istopatologico alla cosiddetta pseudo-bottrionicosi umana. *Ann. ital. chir.*, 1931, 10: 770-7.—**Cozzani, G.** Sulla pseudobottrionicosi umana. *Arch. ital. derm.*, 1939, 15: 395-432, tab.—**Degrays, P.** Le bourgeon charnu inflammatoire (ancien botryomycome) *Bull. méd.*, Par., 1935, 49: 112-5.—**Delbano, E.** Zum Problem des teleangiectatischen Granuloms. *Derm. Wschr.*, 1928, 87: 1268-74.—**Diasio, F. A.** Granuloma fissuratum, Sutton (granuloma telangiectodes fissuratum) report of a case. *Arch.*

Derm. Syph., Chic., 1933, 28: 521-5. Also repr.—**Dondi, R.** Il granuloma pedunculato angiomatoido (la così detta botriomicosi umana) Gior. med. prat., 1936, 18: 114-9.—**Durante, L.** Sul così detto botriomicoma di Poncet e Dor. Arch. sc. med., Tor., 1922, 45: 161-75.—**Eisen, D.** Granuloma pyogenicum; a report of 4 cases treated by Roentgen rays. Canad. M. Ass. J., 1940, 42: 528-30.—**Ferran.** Présentation d'un botriomycome de la main. Arch. fr. belg. chir., 1926, 29: 317-27.—**Finnerud, C. W.** Dermatologic affections in children; granuloma pyogenicum. Med. Clin. N. America, 1929-30, 13: 1285-98.—**Freund, H.** Zur Kenntnis des teleangiectatischen Granuloms. Arch. Derm. Syph., Berl., 1932, 166: 669-98.—**Geiger, R.** Zur Aetiologie und Pathogenese des Granuloma teleangiectaticum. Ibid., 1930, 161: 469-75.—**Gerbatsch, G.** Ueber die sogenannte menschliche Botriomykose. Beitr. klin. Chir., 1932, 156: 509-11.—**Gödény, S.** [Granuloma pediculatum] Orv. hetil., 1938, 82: 648.—**Gouin, J., & Pouzin, E.** Traitement du botriomycome par les injections intraveineuses de novarsénobenzol. Rev. fr. derm. vénér., 1926, 2: 356-60.—**Hagedoorn, A.** Telangiectatic granuloma—botriomycosis. Brit. J. Ophth., 1934, 18: 561-70. Also Ned. tscr. geneesk., 1934, 78: 1682-7.—**Hammerschmidt, J., & Ludovici, B.** Beiträge zur Frage der Botriomykose. Arch. Derm. Syph., Berl., 1921, 130: Orig., 246-52.—**Hartmann, E.** Kasuistischer Beitrag zum Granuloma teleangiecticos sive pediculatum. Derm. Wschr., 1927, 84: 573-81.—**Higouménakis, G.** Le traitement moderne du botriomycome; granulome pyogénique. Ann. derm. syph. Par., 1935, 7, ser., 6: 715-32. Also Urol. Cut. Rev., 1935, 39: 311-7.—**Kimmelsiel, P., & Oden, P. W.** Botriomycosis; report of 2 cases of intra-abdominal granuloma. Arch. Path., Chic., 1939, 27: 313-9.—**Lascano Gonzalez, J. M.** Granulomas telangiectásicos mal llamados botriomicomas, algunas localizaciones poco frecuentes. Rev. As. méd. argent., 1939, 53: 649-52.—**Lavergne de Michon, P.** Étude d'un cas de botriomycome. Bull. Soc. fr. derm. syph., 1927, 34: 40.—**Lombardi, R.** Sulla pseudo-botriomicosi umana. Riforma med., 1933, 49: 1645.—**Magalhães, P. S. de, A.** chamada botriomyose humana, granuloma telangiectásico, botriomycosis hominis, granuloma pyogenicum. Brasil med., 1923, 37: pt 2, 117.—**Malherbe, H.** Granulome cutané-muqueux soignant botriomyose. Gaz. méd. Nantes, 1910, 2, ser., 28: 521-30, pl.—**Malton, T.** Sulla cosiddetta botriomicosi umana. Cult. med. mod., Pal., 1938, 17: 422-8.—**Mariani, G.** Appunti su alcuni casi di botriomicosi. Gior. ital. mal. vener., 1920, 61: 421.—**Mariconda, G.** Su di un caso di pseudobotriomicosi umana a localizzazione e decorso non comuni. Gior. ital. derm. sif., 1936, 77: Suppl., 17-9, pl.—**Marin, A.** Botriomycome du ponce. Union méd. Canada, 1927, 56: 401-3. The treatment of granuloma pyogenicum by radiotherapy. Canad. M. Ass. J., 1932, 27: 282. Also Union méd. Canada, 1932, 61: 989.—**Marras, A.** Della pseudobotriomicosi. Gior. ital. derm. sif., 1931, 72: 121-30, 4 pl.—**Marsh, F.** A case of botriomycosis. Lancet, Lond., 1935, 1: 1443.—**Martinotti, L.** Sulla pseudo-botriomicosi umana. Arch. sc. med., Tor., 1913, 37: 258; 279.—**Martinowa, W. D.** Ueber die sogenannte Botriomykose beim Menschen. Arch. Derm. Syph., Berl., 1930, 161: 429-37.—**Masia, A.** Granuloma vegetante pseudotubercolare della regione sottomandibolare sinistra di origine stafilococcica; guarigione con cicatrice cheloidea. Dermosifilograf., 1927, 2: 306-15.—**Melina, F.** Su alcuni casi di pseudo-botriomicoma nell'uomo. Ann. ital. chir., 1929, 8: 933-45.—**Montgomery, D. W., & Culver, G. D.** Granuloma pyogenicum. Arch. Derm. Syph., Chic., 1932, 26: 131-8.—**Montgomery, D. W., & Viccelli, J. D.** Diagnosis of granuloma pyogenicum. Northwest M., 1933, 32: 417-9.—**Montpellier, J., & Cosset.** Histiocytome pseudo-botriomycosique. Bull. Soc. fr. derm. syph., 1935, 42: 980-2.—**Moro, G.** Sopra un caso di pseudobotriomicosi. Clin. chir., Milano, 1931, 34: 401-4.—**Muller, H.** [Pediculated granuloma] Geneesk. tscr. Ned. Indië, 1933, 73: 322-8, 6 pl.—**Opazo, F.** Botriomicoma temporo-occipital. Bol. Soc. cir. Chile, 1926, 4: 103.—**Pais, L.** Osservazione di pseudobotriomicosi a sede rara. Riforma med., 1924, 40: 26-9.—**Pelagatti, V.** Sopra un caso di botriomicosi umana. Clinica, Bologna, 1935, 1: 363-70.—**Périn, L.** Le botriomycome chez l'homme. Rev. fr. derm. vénér., 1926, 2: 231-48. Botriomycome. In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par., 1936, 4: 214-23.—**Piazza Missorici, A.** A proposito di un caso con localizzazione rara (padiglione auricolare) di botriomicosi umana (contributo clinico ed anatomo-patologico) Ann. laring., Tor., 1927, 28: 349-58.—**Polony, B.** Granuloma teleangiectaticum. Derm. Wschr., 1939, 109: 1231.—**Rabello, E.** Contribution to the study of botriomycosis. Rev. med. cir. Brasil, 1930, 38: 127; 133.—**Rademaker, G. A.** [Actinomycosis and some remarks on botriomycosis in man] Ned. tscr. geneesk., 1926, 70: 658-64.—**Ramel.** Botriomycomes symétriques du plancher de la bouche. Rev. méd. Suisse rom., 1926, 46: 947.—**Schürmeyer.** Zur Frage der Botriomykose. Deut. med. Wschr., 1922, 48:—**Sergi, V.** Sulla falsa botriomicosi umana. Arch. ital. chir., 1935, 39: 529-37.—**Sézary, A., Brault, A., & Grenet, P.** Botriomycome géant développé sur un ulcère de jambe. Bull. Soc. fr. derm. syph., 1939, 46: 145-7.—**Sézary, A., Guéde, M., & Dérot, M.** Botriomycome de la cavité buccale développée sur des ulcérations de maladie de Dühring. Ibid., 1929, 36: 1024.—**Sézary, A., Horowitz, A., & Lévy, G.** Botriomycome géant développée sur un ulcère de jambe, second cas. Ibid., 1939, 46: 693.—**Sotti, G.** Considerazioni istogenetiche sul granuloma pedunculato angiomatode. Pathologica, Genova, 1928, 20: 165-74.—**Speciale, F.** Granuloma pedunculato in un bambino (la cosiddetta botriomicosi umana) Osp. maggiore, Milano, 1931, 19: 493-6.—**Sprecher, A.**

Un caso di granuloma pediculatum angiomatosum (pseudo-botriomicosi umana) Dermosifilograf., 1935, 10: 661-8.—**Stolz, J.** [Botriomycosis] Cas. lék. česk., 1929, 68: 692-9.—**Tornabouni, G.** Sulla pseudo-botriomicosi umana. Gior. ital. derm. sif., 1928, 69: 939-43.—**Verdelet, L.** Sur quelques cas de botriomyose. Arch. fr. belg. chir., 1922, 25: 861-3.—**& Rivière, M.** Sur un cas de botriomyose au cours de la gestation. Bull. Soc. obst. gyn. Paris, 1921, 10: 583-5. Also Gaz. sc. méd. Bordeaux, 1921, 42: 587.—**Viganò, E.** Un caso di botriomicosi guarito con la radioterapia. Atti Congr. ital. radiol., 1922, 4: 324-7.

GRANULOMA teleangiectodes.

See Granuloma pyogenicum; also Verruga peruana.

GRANULOMA tropicum.

See Granuloma venereum.

GRANULOMA venereum.

Synonyms: Fifth venereal disease; Granuloma inguinale; Granuloma tropicum. Not to be confused with Lymphogranulomatosis inguinalis.

See also Phagedenism; Ulcus tropicum.

Boardman. Granuloma inguinale. Arch. Derm. Syph., Chic., 1927, 16: 67.—**Briggs, P. R.** Granuloma inguinale. N. England J. M., 1935, 212: 330.—**Cannon, A. B.** Lymphogranuloma venereum. Arch. Derm. Syph., Chic., 1937, 35: 315.—**Cardona, A.** Granuloma venéreo. Repert. med. cir. Bogotá, 1925-26, 17: 22-37.—**Chettier, T. V. M.** Granuloma venereum genito-inguinale. Ind. J. Vener. Dis., 1935, 1: 293-300.—**Costello, P.** Ulcerating granuloma of the pudenda. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 899-902.—**D'Aunoy, R., & von Haam, E.** Granuloma inguinale. Am. J. Trop. M., 1937, 17: 747-63.—**De Amicis, A.** Granuloma ulceroso tropicale. Gior. ital. mal. esot., 1936, 9: 51-61.—**Eskew, D. C., & Craig, S. D.** Granuloma inguinale. South. M. & S., 1929, 91: 679-82.—**Fidanza, E. P., & Ruiz, F. R.** Granuloma venéreo. Sem. méd., B. Air., 1937, 44: pt 2, 863-83.—**Frei, W.** Venerisches Granulom. In Haut Geschlkr. (Artz & Zieler) Berl., 1934, 5: 515-24.—**Goldzieher, M., & Peck, S. M.** Granuloma venereum (inguinale) Proc. N. York Path. Soc., 1925, 25: 92-100. Das venerische Granulom. Virchows Arch., 1926, 259: 795-814.—**Goodman, H.** Ulcerating granuloma of the pudenda (granuloma inguinale) Urol. Cut. Rev., 1931, 35: 719-23.—**Granuloma venereum.** Ind. M. Gaz., 1934, 69: 395.—**Harkness, R. B.** Granuloma inguinale. J. Florida M. Ass., 1933, 20: 197-9.—**Henthorne, J. C.** Granuloma venereum. South. M. J., 1939, 32: 614-8.—**Hernández, J. O.** Granuloma inguinale. Rev. med. cir. Habana, 1926, 31: 27-34, pl.—**Hval, E.** [Venereal granuloma] Norsk mag. lægevid., 1930, 91: 1223-8.—**Iriarte, D. R., & Salas, L. M.** Granuloma venéreo. Mem. Congr. venezol. med. (1926) 1927, 5. Congr., 1: 375-98, 4 pl. Also Gac. méd. Caracas, 1928, 35: 204; 212.—**Jamieson, R. C.** Granuloma inguinale. Arch. Derm. Syph., Chic., 1935, 31: 552.—**Mahadevan.** Infective granuloma. Madras M. J., 1932, 14: 19-24.—**Mainzer, F. S.** Granuloma inguinale. Med. J. & Rec., 1930, 131: 70-2. Also repr.—**Mayer, M., & Rocha Lima, H. da.** Venerisches Granulom. In Handb. Haut Geschlkr. (A. & G. Alexander) Berl., 1927, 21: 433-62.—**Mendelson, R. W.** Granuloma inguinale. Southwest. M., 1931, 15: 201.—**Nair, V. G., & Pandalai, N. G.** Granuloma genito-inguinale. Ind. M. Gaz., 1934, 69: 361-72.—**Pfeiffer, D. H.** Venereal granuloma. S. Afr. M. J., 1939, 13: 321-4.—**Puente, J. J.** Granuloma venéreo. Bol. Inst. clín. quí., B. Air., 1927, 3: 719, pl.—**Purcell, H. M.** Granuloma inguinale. Southwest. M., 1926, 10: 309-11.—**Rajam, R. V.** Granuloma, ulcerative. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1937, 6: 54-9.—**Reaves, J. U.** Granuloma inguinale. Urol. Cut. Rev., 1935, 39: 410-3.—**Rotnes, L.** Granuloma venereum. Acta derm. vener., Stockh., 1932, 13: 359-65.—**Sequeira, J. H.** Ulcerating granuloma. Proc. R. Soc. M., Lond., 1926-27, 20: Sect. Derm., 38.—**Souza, T. de.** Granuloma venereo (quinta molestia venerca) Rev. gyn. obst., Rio, 1933, 27: 190-6.—**Stajano, C.** Granuloma venéreo. Rev. méd. lat. amer., B. Air., 1932-33, 18: 18-38.—**Vigne, P.** Granulome ulcéreux des organes génitaux. In Nouv. prat. derm. (Darier, Sabouraud [et al.]) Par., 1936, 3: 999-1008.—**& Boyer, L.** Granulome ulcéreux des organes génitaux. Ann. derm. syph., Par., 1933, 7, ser., 4: 385-98.—**Walsh, F. C.** Ulcerating granuloma of the pudenda. U. S. Veterans Bur. M. Bull., 1930, 6: 151-3.

Associated diseases.

Carty, J. R. An inguinal granuloma of unknown origin associated with bone changes; case report. Radiology, 1927, 9: 334.—**Demanche, R., & Lévy-Bruhl, M.** Granulome des organes génitaux avec réaction de fixation du complément positive en présence du Calymatobacterium. Bull. Soc. fr. derm. syph., 1935, 42: 978-80.—**Feldman, S.** Granuloma inguinale and syphilis. Arch. Derm. Syph., Chic., 1937, 36: 461.—**Fox, H.** Elephantiasis of the penis associated with granuloma inguinale. Ibid., 1938, 37: 676.—**McKenney, D. C.**

Granuloma inguinale, with rectal stricture, rectal fistula and syphilis; case report. Tr. Am. Proct. Soc., 1930, 31: 34-42.—**Mason, W. A.** Granuloma inguinale, complicated with syphiloma of vulva and chancroidal infection. J. Nat. M. Ass., N. Y., 1939, 31: 210-2.—**Parounagian, M. B., & Goodman, H.** Ulcerating granuloma (granuloma inguinale) a report of a rare example of this disease in a syphilitic patient. Arch. Derm. Syph., Chic., 1922, n. ser., 5: 597-601.—**Pines, C.** Granuloma inguinale and tertiary syphilis. Ibid., 1936, 34: 334.—**Prehn, D. T.** Lymphogranuloma venereum and associated diseases. Ibid., 1937, 35: 231-46.—**Sanner, A., Destriats & Rarivason.** Granulome ulcéreux vénérien chez un malgache présentant une réaction de Frei positive. Bull. Soc. path. exot., Par., 1937, 30: 99-101.—**Saunders, H. C.** Lymphogranuloma venereum in a patient with secondary syphilis. Arch. Derm. Syph., Chic., 1937, 35: 316.—**Willoughby, H.** Climatic bubo and ulcerating granuloma. J. R. Nav. M. Serv., 1932, 18: 202-8.

Bacteriology.

Beaurepaire Araújo, H. Considerações sobre os generos Calimmatobacterium e Klebsiella. Brasil med., 1933, 47: 473. Also C. rend. Soc. biol., 1933, 114: 841.—**Delamare, G., & Gatti, C.** Spirochètes et tréponèmes d'un granulome vénérien. C. rend. Acad. sc., 1929, 188: 885-7.—**Dienst, R. B., Greenblatt, R. B., & Sanderson, E. S.** Cultural studies on the Donovan bodies of granuloma inguinale. J. Infect. Dis., 1938, 62: 112-4.—**Gage, I. M.** Granuloma inguinale; preliminary report on the culture of the Donovan body. Arch. Derm. Syph., Chic., 1929, 19: 764-8.—**Giuliani, S.** Reporte preliminar sobre la existencia, identificación, aislamiento y cultivo del calymmatobacterium granulomatis. Bol. As. méd. Puerto Rico, 1920-21, 15: 170.—**McIntosh, J. A.** The Donovan body of granuloma inguinale. South. M. J., 1928, 21: 434-8.—**Menon, T. B., & Annamalai, D. R.** Studies on inguinal granuloma; the bacterial flora of granuloma. Ind. M. Gaz., 1933, 68: 499.—**Menon, T. B., & Krishnasami, T.** Studies on inguinal granuloma; the Donovan organism of granuloma. Ibid., 500-3. Also Tr. Soc. Trop. M. Hyg., Lond., 1935-36, 29: 65-72, pl.

Cases.

Anderson, R. C. Granuloma inguinale, with report of cases. Med. Bull. Veterans Admin., 1934, 11: 159-62.—**Beristain, P.** Experiences with venereal granuloma. Urol. Cut. Rev., 1937, 41: 440-3.—**Boardman, W. P.** Granuloma inguinale (case). Arch. Derm. Syph., Chic., 1939, 40: 110.—**Cannon, A. B.** Granuloma inguinale; case. Ibid., 1938, 38: 826.—**Carboni, P., & Maudet, J.** Sur un cas de granulome tropical. Bull. Soc. path. exot., Par., 1935, 28: 665-73.—**Connor, H. E.** Granuloma inguinale (report of a case). J. Nat. M. Ass., N. Y., 1926, 18: 16.—**Gougerot, Bertillon & Roques, A.** Granulome vénérien français ou phagédénisme de Mac Léod-Donovan. Rev. prat. mal. pays chauds, 1927, 7: 603-16.—**Levy, H.** Lymphogranuloma venereum in childhood: review of the literature with report of a case. J. Pediat., S. Louis, 1937, 11: 812-23. Also Arch. Pediat., N. Y., 1940, 57: 441-7.—**Maciel, H.** Notas colhidas na observação de um caso de granuloma venereo. Sciencia med., Rio, 1929, 7: 517-22, pl.—**Miller, J. L.** Granuloma inguinale; case. Arch. Derm. Syph., Chic., 1938, 38: 826.—**Peyri, J.** Trois cas de granulome ulcéro-serpigneux inguinal d'origine vénérienne. Rev. fr. derm. vénér., 1934, 10: 452-60.—**Poindexter, H. A.** Granuloma inguinale; report of 5 cases. Am. J. Trop. M., 1934, 14: 195-201.—**Reed, A. C.** Granuloma inguinale; case report. N. England J. M., 1931, 204: 1364-6.—**Sargent, J. C.** Granuloma inguinale; report of a case from Wisconsin. J. Am. M. Ass., 1927, 88: 1394. Also repr.—**Schutte, A. G., & Lubitz, J. M.** Lymphogranuloma venereum; report of 33 cases. Wisconsin M. J., 1940, 39: 823-6.—**Silva, F.** Granulome vénérien. Rev. fr. derm. vénér., 1926, 2: 480-95.—**Smith, A. D., Hicks, D. Y., & Dienst, R. B.** Extragenital granuloma venereum; report of case. Bull. Univ. Hosp. Georgia, 1939, 1: 6-8.—**Wolcott, R. R.** Granuloma inguinale; a review of the literature and report of one case. Hosp. News, Wash., 1937, 4: No. 18, 12-26, 3 pl.—**Wolfsohn, H. M.** An interesting case of granuloma inguinale. S. Afr. M. J., 1939, 13: 747.

Diagnosis.

GOLDSTEIN, I. *Le pseudo-granulome vénérien; pyodermite végétante préputiale. 35p. 8° Par., 1934.

Alexander, L. J., & Schoch, A. G. Granuloma inguinale; the successful use of Giemsa stain to demonstrate typical pathologic findings. Am. J. Syph., 1940, 24: 180-3.—**Brodier, H.** Adénopathie inguinale et lésions du col de l'utérus. Bull. Soc. chir. Paris, 1928, 20: 219-22.—**Carol, W. L. L.** Granuloma venereum and the so-called sub-acute inguinal lymphogranulomatosis. Ned. tschr. geneesk., 1933, 77: 5560-71, 2 pl.—**Chargin, L.** Incipient granuloma inguinale. Arch. Derm. Syph., Chic., 1940, 41: 806.—**Gougerot & Blum, P.** Granulome vénérien bénin; pyodermite végétante. Bull. Soc. fr. derm. syph., 1929, 36: 70.—**Howze, H. H.** The formol-gel test applied to granuloma inguinale. J. Arkansas M. Soc., 1925-26, 22: 159.—**La Rocco, C. G.** A case for diagnosis (granuloma inguinale?) Arch. Derm. Syph., Chic., 1938, 37: 874.—**Louste, Ducourtioux & Lotte.** Adénopathies inguinales

et affections de col utérin. Bull. Soc. fr. derm. syph., 1927, 34: 66-9.—**Reaves, J. U.** Granuloma inguinale; differentiated from lymphogranuloma inguinale. J. M. Ass. Alabama, 1936-37, 6: 317-24.—**Robertson, J. P., & Sharp, L.** Granuloma venereum and lymphopathia venereum. Am. J. Surg., 1936, 34: 322-37.—**Sakurai, T.** Statistical observation of the diagnosis and the treatment of venereal bubo. Bull. Nav. M. Ass., Tokyo, 1935, 24: 34-6.—**Singh, K.** A wart simulating granuloma venereum. East Afr. M. J., 1936-37, 13: 352-4, pl.

Epidemiology.

Carrión, A. L. El granuloma inguinal en Puerto Rico. Bol. As. méd. Puerto Rico, 1935, 27: 14-23.—**Cole, H. N., Miskjian, H. G., & Rauschkolb, J.** Granuloma inguinale (its spread in the United States). Derm. Zschr., 1928, 53: 127-43.—**Floch, H.** L'ulcère granulomateux (ou granuloma ulcéreux) des organes génitaux à la Guadeloupe. Bull. Soc. path. exot., Par., 1935, 28: 155-60.—**Fox, H.** Granuloma inguinale; its occurrence in the United States; a report of 15 cases observed in New York. J. Am. M. Ass., 1926, 87: 1785-90.—**Kalthofen, A.** Ueber das venerische Granulom und seine Bekämpfung in Hollandisch-Neuguinea. Wien. klin. Wschr., 1928, 41: 1027.—**Katzenellenbogen, I.** Venereal granuloma in Palestine, report of the first case. Urol. Cut. Rev., 1930, 34: 820-2.—**Lepinay, Martin & Blanc, G.** Premier cas marocain de granulome ulcéreux des organes génitaux chez une indigène; étude histologique et bactériologique. Bull. Soc. fr. derm. syph., 1937, 44: 361-4.—**Patch, F. S., & Blew, C. L.** Granuloma inguinale; its presence in Canada. Canada. M. Ass. J., 1930, 23: 637-41.—**Randall, A., Small, J. C., & Belk, W. P.** Tropical inguinal granuloma in the Eastern United States. J. Urol., Balt., 1921, 5: 539-48.—**Reyes, H.** Granuloma venereo, un caso autóctono en el territorio de Formosa. Rev. san. mil., B. Air., 1928, 37: 221-8.—**Ross, T. W., & Kaupp, R. T.** Granuloma inguinale; the beginning lesions, contracted in the United States. Northwest M., 1927, 26: 543-9.—**Thierfelder Thillot, M.** Blutsudien in Niederländisch-Süd-Neuguinea. Arch. Schiffs Tropenhyg., 1927, 31: 57-63.—**Villela, E.** El granuloma venéreo en la América Latina. Tr. Panamer. M. Congr. (1931) 1933, 3. Congr., 1085-91.

Etiology.

Bhaskara Menon, T., & Natesan, P. The venereal origin of granuloma inguinale. Ind. M. Gaz., 1935, 70: 66-8.—**Campbell, M. F.** Etiology of granuloma inguinale; with report of 18 cases. Am. J. M. Sc., 1927, 174: 670-9.—**Also Vener. Dis. Inform.**, 1928, 9: 93-9.—**Clement, R.** L'étiologie du granulome vénérien; adénopathie inguinale subaigue simple à suppuration intraganglionnaire. Presse méd., 1926, 34: 1429-31.—**Cornwall, L. H., & Peck, S. M.** Three cases of granuloma inguinale with an investigation concerning the etiology. Proc. N. York Path. Soc., 1925, 25: 42-8. Also Arch. Derm. Syph., Chic., 1925, n. ser., 12: 613-28.—**DeMonbreun, W. A., & Goodpasture, E. W.** Infection of monkeys with Donovan organisms by injections of tissue from human lesions of granuloma inguinale. Am. J. Trop. M., 1931, 11: 311; 2 pl.; 1933, 13: 447.—**Etiological studies of granuloma inguinale.** South. M. J., 1931, 24: 588-97.—**Goldzieher, M., & Peck, S. M.** Granuloma venereum (inguinale) studies on the etiology and pathology. Arch. Path., Chic., 1926, 1: 511-23.—**Greenblatt, R. B., Dienst, R. B. [et al.]** Experimental and clinical granuloma inguinale. J. Am. M. Ass., 1939, 113: 1109-16.—**Lewis, S. J.** Granuloma inguinale with special reference to its occurrence in the white race. South. M. J., 1932, 25: 836-40.—**McIntosh, J. A.** The etiology of granuloma inguinale. J. Am. M. Ass., 1926, 87: 996-1002. Also J. Tennessee M. Ass., 1926-27, 19: 190-8.—**Menon, T. B.** Studies on inguinal granuloma. Ind. M. Gaz., 1933, 68: 15-20.—**Poindexter, H. A.** Some studies on the etiology of granuloma inguinale. J. Lab. Clin. M., 1934-35, 20: 353-7.—**Rajam, R. V.** Conjugal venereal granuloma. Ind. M. Gaz., 1936, 71: 525.—**Rotnes, L.** [Origin of an isolated case of venereal granuloma]. Norsk mag. lægevid., 1932, 93: 984.—**Thierfelder, M. U.** Beiträge zur Kenntnis des venerischen Granuloms. Arch. Schiffs Tropenhyg., 1925, 29: 690-8.—**Extragenitale Infektion mit venerischem Granulom.** In Arb. Tropenkr. (Festschr. B. Nocht), Hamb., 1927, 553-5, pl.

Manifestations.

Applehaus, W. E. Perianal ulcerating granuloma. Kentucky M. J., 1928, 26: 192-7.—**Berri, J. C.** Un nuevo caso de granuloma venéreo con localización vulvar, perianal, inguinal e inguinoerural. Bol. Inst. clin. quir., B. Air., 1927, 3: 715-8.—**Coutts, W. E., Vargas Molinari, A., & Lecaros Matte, R.** Síndromas génito-urinarios de la linfogranulomatosis venérea en el hombre. Rev. méd. lat. amer., B. Air., 1938, 23: 629-52.—**Crane, W., & Kimball, H. S.** Granuloma venereum involving the rectum and colon. California West. M., 1940, 52: 177.—**Delamare, G., & Gatti, C.** Granulome périanal en plaques. Bull. Soc. path. exot., Par., 1929, 22: 148-50.—**Granuloma inguino-erotal a forme d'ulcère rubané.** Ibid., 19-22.—**Fernández, A. A.** Granuloma ulceroso perianal por un clamidozoario? Sem. méd., B. Air., 1926, 33: 585-600.—**Greenblatt, R. B., Torpin, R., & Pund, E. R.** Extragenital granuloma inguinale. Arch. Derm. Syph., Chic., 1938, 38: 358-62.—**Gutman, A. B.** Systemic manifestations of lymphogranuloma venereum; with illustrative case reports. N. York State J. M., 1939, 39: 1420-31.—**Halty, M.** Les formes cliniques du granulome vénérien. Ann. derm. syph., Par., 1933, 7.

ser., 4: 1101-21.—Harris, R. Granuloma venereum; general discussion with report of a case of laryngeal involvement. Laryngoscope, 1930, 40: 707-37.—Labadie, J. H. Phagedenic destruction of the male genitalia. J. Am. M. Ass., 1928, 91: 1447-52.—Loustie, Cahen, R., & Vanboeckstael, P. Ulcérations phagédéniques de la verge; discussion diagnostique et pathogénique. Bull. Soc. fr. derm. syph., 1927, 34: 332-6.—Muckenfuss, R. S., & Brown, J. B. Granuloma inguinale, with report of a case with oral involvement. Internat. J. Orthodont., 1932, 18: 988.—Sheplan, L. Lymphogranuloma venereum of the buttock. Bull. Hosp. Joint Dis., N. Y., 1940, 1: 115-9.—Siddick, D. M. Granuloma inguinale of the face and mouth. Arch. Derm. Syph., Chic., 1927, 15: 703-8.—Silva, F. Localização extragenital do granuloma venéreo. Brasil med., 1931, 45: 749. — A case of buccal localization of venereal granuloma. Urol. Cut. Rev., 1933, 37: 611.—Wehrbein, H. L. Oral infection in a case of granuloma inguinale. Ibid., 1927, 31: 760.

Pathology.

Astrachan, G. D. Extensive granuloma inguinale. Arch. Derm. Syph., Chic., 1939, 39: 606.—Butts, D. C. A. Granuloma inguinale; a preliminary report on certain microscopic observations. Am. J. Syph., 1937, 21: 544-53.—D'Aunoy, R., & Haam, E. von. The pathology of granuloma venereum. Am. J. Path., 1938, 14: 39-47, 4 pl.—Fischer, W. Ueber das venerische Granulom. Verh. Deut. path. Ges., 1928, 23: 295.—Gusnar, K. von. Zur Kenntnis des venerischen Granuloms. Beitr. path. Anat., 1928, 81: 309-22.—Hook, W. G., & Bacon, H. E. Lymphogranuloma venereum, its relation to stricture of the rectum. J. Missouri M. Ass., 1939, 36: 324-9.—Pandalai, N. G., & Nair, V. G. Sensitization and antibody production in granuloma genito-inguinale. Ind. J. M. Res., 1934, 21: 731-4.—Pund, E. R., & Greenblatt, R. B. Specific histology of granuloma inguinale. Arch. Path., Chic., 1937, 23: 224-9.—Rice, F. W. Long standing granuloma inguinale. Am. J. Obst., 1927, 14: 249.—Salleras, J. Inclusion total del pene, en una cicatriz consecutiva a un granuloma venéreo. Rev. Soc. argent. urol., 1925, 1: 160-4.—Tauszig, A. E., & Somogyi, M. Hyperglobulinemia in granuloma inguinale. J. Lab. Clin. M., 1939-40, 25: 1070.—Torpin, R., Sanderson, E. S., & Brandt, R. Contact ulcers in granuloma inguinale. Urol. Cut. Rev., 1939, 43: 617-9.

Treatment.

Arenas, N. Tratamiento del granuloma venéreo de vulva, propagado a vagina y uretra, por la electrocirugía. Bol. Soc. obst. gin. B. Aires, 1932, 11: 457.—Capuzzi, M., & Ricci, G. La cura dell'ulcera venerea con l'albucid. Dermosifilografio, 1940, 15: 806-16.—Earle, K. V. Antimony resistance in ulcerative granuloma. Tr. R. Soc. Trop. M. Hyg., Lond., 1937-38, 31: 601-6. — Sulphanilamide in the treatment of ulcerative granuloma. Ibid., 1940-41, 34: 261-8.—Giglioli, G. Granuloma venereum: its diagnosis and treatment; notes on 15 cases treated with stibanyl Heyden in British Guiana. J. Trop. M. Hyg., Lond., 1928, 31: 245-54, 2 pl.—Goldzieher, M., & Peck, S. M. Granuloma inguinale; clinical observations, vaccine treatment and allergic reactions. Arch. Derm. Syph., Chic., 1926, 14: 14-27.—Greenwood, F. G. The treatment of granuloma inguinale by diathermic fulguration; an analysis of 22 cases. Brit. J. Radiol., 1931, n. ser., 4: 488-99.—Hazen, H. H., Howard, W. J. [et al.] The treatment of granuloma inguinale in the Negro. J. Am. M. Ass., 1932, 99: 1410.—Kalthofen, A. [Preventive measures against venereal granuloma in Dutch New Guinea] Geneesk. tsschr. Ned. Indië, 1928, 68: 740-52, map, 2 ch.—Kingsbury, J., & Peck, S. M. Treatment of phagedenic ulcerations of the genitals, with intravenous administration of antimony and potassium tartrate. J. Am. M. Ass., 1926, 87: 1900-2.—Lombardo, C. Tratamento da ulcera venerea e de suas complicações pelos sulfamidicos. Resenha clin. cient., S. Paulo, 1940, 9: 17-22.—Lymphogranuloma venereum. Annual Rep. Squibb Inst. M. Res., 1939, 8.—McGinn, J. A. The treatment of granuloma inguinale with tartar emetic. Tr. Am. Gyn. Soc., 1926, 51: 227-36. Also Am. J. Obst., 1926, 12: 665-72 [Discussion] 762.—Rajam, R. V. A note on the treatment of infective granuloma with foudin. Ind. M. Gaz., 1934, 69: 372-5.—Rebaudi, L. Nuevo tratamiento del chanero blando, de los bubones no sífilíticos y de las ulceraciones fagedénicas del pene. Sem. méd., B. Air., 1935, 42: 2, 1848.—Ross, A. O. F. Granuloma venereum treated with M. & B. 693. Lancet, Lond., 1939, 1: 26.—Shattuck, G. C., Little, H. G., & Coughlin, W. F. Treatment of inguinal granuloma with thioglycollates of antimony. Am. J. Trop. M., 1926, 6: 307-17. Also repr.—Shelley, H. S. A surgical treatment of granuloma inguinale. Bull. School M. Univ. Maryland, 1940-41, 25: 105-8.—Silva, F. Um caso de granuloma venereo tartaro resistente. Tribuna med., Rio, 1926, 32: 13-21.—Silveira Ramos, A. Contribuição para o estudo da patogenia e tratamento da ulcera fagedénica e do granuloma ulceroso; ulcers reniformes; injeções esclerosantes. Med. contemp., Lib., 1929, 47: 289-98.—Thierfelder, M. N., & Thierfelder-Thillot, M. Die Behandlung des venerischen Granuloms. Münch. med. Wschr., 1926, 73: 561-3.—Thierfelder, M. U. The control of granuloma venereum among the Marindines in Dutch South-New Guinea. Meded. dienst volksgez. Ned. Indië, 1928, 17: 393-423, 10 pl.—Vogel, W. de. La lutte contre le granuloma venereum chez les Marindinois, dans la Nouvelle Guinée Hollandaise. Bull. Off. internat.

hyg. pub., Par., 1927, 19: 1137-45. Also Bull. Soc. path. exot., Par., 1928, 21: 354-63.—Williamson, T. V., Anderson, J. W. [et al.] The specific effect of foudin (faudin) on granuloma inguinale; preliminary report. J. Am. M. Ass., 1933, 100: 1671-6.—Wolfe, S. A., & Tortora, E. J. Granuloma venereum (inguinale) Am. J. Surg., 1940, 48: 625-33.

in animals.

Feldman, W. H. So-called infectious sarcoma of the dog in an unusual anatomic situation. Am. J. Path., 1929, 5: 183-93, 3 pl.—Novak, E., & Craig, R. G. Infectious sarcoma (venereal granuloma) of the vagina in dogs. Arch. Path., Chic., 1927, 3: 193-202.

in women.

Arnell, R. E., & Potekin, J. S. Granuloma inguinale (granuloma venereum) of the cervix; an analysis of 38 cases. Am. J. Obst., 1940, 39: 626-35.—Bland, P. B. Granuloma inguinale complicating pregnancy and labor. Urol. Cut. Rev., 1927, 31: 293.—Déjou, L. Esthiomène vulvaire et granulome ulcéreux vénérien (phagédénisme de MacLeod-Donovan) Bull. Soc. path. exot., Par., 1936, 29: 533-41.—Frommolt, G. Phagédénisches Ulcus der Vulva als Indikation zum Kaiserschnitt. Zbl. Gyn., 1930, 54: 237-41.—Gray, L. A., & Barnes, M. L. Lymphogranuloma venereum in the female. Am. J. Surg., 1940, 48: 277-83.—Hall, T. B. Granuloma inguinale; report of a case of involvement of the upper lip and depigmentation and edema of the vulva. Arch. Derm. Syph., Chic., 1938, 38: 245-8.—McGee, W. B. Granuloma of the cervix. Am. J. Obst., 1934, 28: 244-50.—Pund, E. R., & Gotcher, V. A. Granuloma venereum (granuloma inguinale) of uterus, tubes, and ovaries. Surgery, 1938, 3: 34-40.—Pund, E. R., & Greenblatt, R. B. Granuloma venereum of cervix uteri (granuloma inguinale) simulating carcinoma. J. Am. M. Ass., 1937, 108: 1401.—Torpin, R. Granuloma inguinale (venereum) in the female. Am. J. Surg., 1939, 44: 551-6.

GRANULOMATOSIS.

See Granuloma.

GRANULOSA-CELL tumor.

See also Ovary, Tumor.

LAMBERTZ, K. *Ueber Granulosazelltumoren [München] 16p. 8° Speyer, 1936.
PARSCHAU, A. *Granulosazelltumoren. 55p. 8° Marb., 1936.
STRAUBE, K. H. [C. V.] *Ueber Granulosazelltumoren. 32p. 23cm. Lpz., 1936.
VARANGOT, J. *Les tumeurs de la granulosa (folliculomes de l'ovaire) 397p. 8° Par., 1937. Also J. Chir., Par., 1938, 51: 651-81. Also Lyon Chir., 1938, 35: 448-54.

Bailey, K. V. Granulosa-celled tumour of the ovary. J. Obst. Gyn. Brit. Empire, 1936, 43: 569-70.—Bland, P. B., & Goldstein, L. Granulosa cell and Brenner tumors of the ovary. Surg. Gyn. Obst., 1935, 61: 250-66.—Burke, F. J. A granulosa-celled tumour of the ovary. J. Obst. Gyn. Brit. Empire, 1938, 45: 576.—Claës von Numers [Granulosa cell tumors] Nord. med., 1939, 2: 1405-12.—Conill, V. Tumeurs de cellules de la granulosa. Rev. españ. obst., 1935, 20: 241-4.—Daniel, C., & Babès, A. Tumeur à cellules de la granulosa de l'ovaire. Gynécologie, 1937, 36: 321-36.—Dellepiane, G. Sui tumori ovarici a cellule della granulosa e a cellule della teca. Ann. ostet. gin., 1938, 60: 1491-533.—Dockerty, M. B. Granulosa-cell neoplasm of the ovary. Proc. Mayo Clin., 1939, 14: 298-303.—Fauvel, E. Ueber Granulosazelltumoren. Zbl. Gyn., 1932, 56: 3088-100.—Henderson, D. N. Granulosa and theca cell tumours of the ovary. Canad. M. Ass. J., 1941, 44: 20-3.—Jeannency, G., & Rousseau, M. Le folliculome de l'ovaire, tumeur de la granulosa. Rev. fr. gyn. obst., 1938, 33: 851-9.—Lepper, E. H., Baker, A. H., & Vaux, D. M. Granulosa-cell tumours of the ovary. Proc. R. Soc. M., Lond., 1932, 25: 1241-4.—Lissovetzky, V. [The so-called granulosa-cellular tumors of the ovaries] J. akush., 1933, 44: 23-33.—Masciottra, R. L., & Martinez de Hoz, R. Tumor del ovario a células de la granulosa. Bol. Soc. obst. gin. B. Aires, 1934, 13: 132-40.—Meeker, L. H., & Localio, S. A. Granulosa cell tumor of the ovary. N. York State J. M., 1938, 38: 1126-8.—Pavlova, E. S. [Granulosa-cellular tumor of the ovary] Akush. gin., 1938, No. 3, 121-3.—Penna de Azevedo, A. Tumores de celulas granulosas do ovario. Acta med., Rio, 1939, 3: 277-97.—Plate, W. P. Granulosazelltumoren des Ovariums. Arch. Gyn., Berl., 1932, 151: 26-43.—Pratt, F. B. Granulosa-cell tumours of the ovary. J. Obst. Gyn. Brit. Empire, 1937, 44: 880-933, 2 pl.—Prestini, O., & Arau, L. Tumor del ovario a células de la granulosa. Bol. Soc. obst. gin. B. Aires, 1937, 16: 277-86.—Rummeld, P. Ueber Granulosazelltumoren. Zbl. Gyn., 1931, 55: 292-8.—Ruzicska, G. [Granulosa cell tumors of ovary] Orv. hetil., 1937, 81: 400; 457.—Schulze, M. Granulosa cell tumors of the ovary. Tr. Pacific Soc. Obst., 1931-33, 1: 3: 38; 1939, 8: 53. Also Am. J. Obst., 1933, 26: 627-41. Also West. J. Surg., 1939, 47: 114-27.—Spitz, S. Granulosa cell tumors of the ovary. Med. Woman J., 1940, 47: 317-22.

— Cases.

SCHIECKEL, H. H. *Granulosazelltumoren mit besonderer Berücksichtigung dreier in der Universitäts-Frauenklinik Kiel beobachteter Fälle. 12p. 8°. Kiel, 1930.

SCHMIDT, L. *Ein weiterer Fall von Granulosazelltumor [Heidelberg] 23p. 8°. Mannheim, 1936.

SOLTMANN, C. H. *Ueber einen ungewöhnlichen Fall von Granulosazelltumor des Ovars. p.466-73. 8°. Rost., 1931.

Also Virchows Arch., 1932, 284:

Barnes, F. L., & Barnes, J. P. Granulosa cell tumor of the ovary; report of a case. Tr. South. Surg. Ass. (1939) 1940, 52: 200-6. Also Ann. Surg., 1940, 111: 864-70.—Cadiz, R., & Saavedra, C. Sobre un caso de tumor de la granulosa. Bol. Soc. chilena obst. gin., 1938-39, 4: 349-84. Also Ann. brasil. gyn., 1939, 8: 395-404.—Countiss, E. H. Granulosa cell tumor of the ovary; report of a case followed by pregnancy. Am. J. Obst., 1938, 36: 680-3.—Daily, E. F. Report of 2 cases of granulosa cell tumors of the ovary. Ibid., 1933, 26: 733-6.—Delarue, J., & Isidor, P. Sur 2 cas de tumeur lipidique de l'ovaire; tumeur à type de lutéine de tumeur à type thécal. Bull. Ass. fr. cancer, 1938, 27: 429-39.—Dockerty, M. B., & MacCarty, W. C. Granulosa cell tumors; with report of a 34-pou specimen and a review. Am. J. Obst., 1939, 37: 425-34.—Dworzak, H. Ueber einen Fall von Granulosazelltumor. Zbl. Gyn., 1932, 56: 1033-9.—Fernando, P. Tumore bilaterale di cellule della granulosa dell'ovario. Cancro, Tor., 1932, 3: 178-81, pl.—Jeanneney, G., & Rousseau, M. Sur un cas de folliculome de l'ovaire. J. méd. Bordeaux, 1939, 116: pt 1, 177-82.—Macafee, C. H. G. Two cases of granulosa cell tumour of the ovary. Ulster M. J., 1937, 6: 306-8.—Meeker, L. H., & Localio, S. A. Two cases of granulosa cell tumor of the ovary. Arch. Path., Chic., 1937, 24: 692.—Meigs, J. V., & Parsons, L. Granulosa cell tumors of the ovary; a report of 3 recent cases. Tr. N. England Surg. Soc., 1936, 19: 161-85. Also N. England J. M., 1937, 216: 681-9.—Novak, E., & Brawner, J. N., jr. Granulosa cell tumors of the ovary; a clinical and pathologic study of 36 cases. Tr. Am. Gyn. Soc., 1934, 59: 228-57. Also Am. J. Obst., 1934, 28: 637-49.—Penick, G. Granulosa cell tumor of ovary; case report. South. M. J., 1939, 32: 555-7.—Picard, E. Un cas de folliculome typique de l'ovaire. Ann. anat. path., Par., 1928, 5: 647-53.—Plate, W. P. [Rare form of granulosa-cell tumor of the ovary, so-called folliculome lipidique (Lecène)] Ned. tschr. verlosk., 1933, 36: 233-52.—Ratto, O. J., Paladino, J. E., & Schlossberg, R. Sobre un caso de tumor de la granulosa. Prensa méd. argent., 1936, 23: 2873-8.—Salgado, C. Tumor de células granulosas; caso pessoal. Rev. gyn. obst., Rio, 1939, 33: 108-34.—Schockaert, J. A., & Brenez, J. Etude des folliculomes de l'ovaire avec relation d'un cas nouveau. Bruxelles méd., 1937-38, 18: 976-87.—Solomons, B. A case of granulosa cell tumour of the ovary. Irish J. M. Sc., 1936, ser. 6, 32-3.—Szathmáry, Z. Ueber Granulosazelltumoren unter Berücksichtigung des Materials der Budapest II. Frauenklinik und der Fälle aus der Literatur. Arch. Gyn., Berl., 1933, 153: 127-54.—Thornton, H. C. Granulosa-cell tumors of the ovary with report of a case. Am. J. Cancer, 1935, 23: 522-40.—Treston, M. L., & Malone, R. H. A case of granulosa-celled tumour of both ovaries; with a report on the pathological aspect. J. Obst. Gyn. Brit. Empire, 1938, 45: 84-6.—Wolfe, S. A., & Kaminester, S. Report of 2 cases of granulosa cell tumors of the ovary. Am. J. Obst., 1933, 26: 434; 1936, 31: 471.

— Clinical aspect.

DELASCIO, D. *Neoplasmas da granulosa do ovario; contribuição ao estudo anatomo-patológico e clínico. 168p. 23cm. S. Paulo, 1938.

HERRMANN, W. *Granulosazelltumoren und ihre Strahlenempfindlichkeit. 31p. 8°. Freib. i. B., 1935.

JOCKUSCH, W. *Klinische und histologische Beobachtungen an 21 Granulosazelltumoren des Eierstocks. 40p. 23cm. Berl., 1939.

SCHILLER, W. Pathologie und Klinik der Granulosazelltumoren. 197p. 8°. Wien, 1934.

SCHÜTTERLE, G. *Zur Klinik der Granulosablastome [Heidelberg] 9p. 22½cm. Würzb., 1937.

Campana, M. Contributo anatomo-clinico allo studio dei folliculomi dell'ovario. Clin. ostet., Roma, 1935, 37: 589-604.—Dockerty, M. B., & MacCarty, W. C. A granulosa cell tumor of the ovary with observations on radiosensitivity. Am. J. Obst., 1940, 39: 147-9.—Klafen, E. Zur Klinik und Anatomie der Granulosazelltumoren des Eierstocks. Mschr. Geburtsh. Gyn., 1930, 86: 392-411.—Migliavacca, A. Contributo singolarmente dimostrativo alla patologia e clinica dei tumori della granulosa. Ann. ostet. gin., 1939, 61: 563-601.—Pallos, K. Beiträge zur Klinik und Pathologie der Granulosazellenge-

schwülste. Mschr. Geburtsh. Gyn., 1937, 105: 139-54.—Studdiford, W. E. Radium therapy in granulosa cell tumor of the ovary. Am. J. Obst., 1937, 33: 495-8.—Szathmáry, Z. [Histological and clinical symptoms of the granulosa-cell tumor of the ovary] Magy. orv. arch., 1932, 33: 101-24, 12 pl.

— Complication.

Finkler, R. S. Granulosa cell tumor of the ovary with a carcinoma of the breast. Am. J. Obst., 1938, 36: 1064-6.—Holmer, A. J. M. A case of granulosa-cell tumour in both ovaries with metastases in the corpus and cervix uteri. J. Obst. Gyn. Brit. Empire, 1933, 40: 1207-13, 4 pl. Also Ned. tschr. verlosk., 1934, 37: 8-20.—Opitz, G. Ueber einen Fall von Granulosazelltumor, Blasenkarzinom und Myoma uteri bei einer 57-jährigen Frau. Zbl. Gyn., 1935, 59: 2104-8.—Seegar, G. E., & Jones, H. W. Ovarian tumors and uterine bleeding; granulosa cell tumors. Surgery, 1939, 6: 368-88.—Vogt, C. J. Granulosa cell tumor of the ovary with hemoperitoneum and hemothorax. Am. J. Obst., 1940, 40: 285-9.—Voigt, W. W. Primary giant granulosa cell tumor of retroperitoneal origin with development into the mesosigmoideum. Ibid., 1938, 36: 688-93.

— luteinized.

See also Corpus luteum, Tumors.

Benda, R., & Kraus, E. J. Luteinisiertes Granulosazelltumor mit Amenorrhoe. Arch. Gyn., Berl., 1934, 157: 400-9.—Brosig, W. Zur Frage der luteinisierten Thecazelltumoren (Fibroma thecozelluläre xanthomatodes ovarii Löffler-Priesel) Frankf. Zschr. Path., 1935-36, 49: 376-81.—Numers, C. von. Luteinized granulosa cell tumor. Acta obst. gyn. scand., 1940, 20: 146-56.—Thomson, J. G., & Stabler, F. Lipoid rich granulosa-cell tumour with a discussion on theca-cell tumour. J., Obst. Gyn. Brit. Empire, 1938, 45: 769-79, 4 pl.—Traut, H. F. Kuder, A., & Cadden, J. F. A study of the reticulum and of luteinization in granulosa and theca cell tumors of the ovary. Tr. Am. Gyn. Soc. (1939) 1940, 64: 33-49. Also Am. J. Obst., 1939, 38: 798-814.

— Malignancy.

Anderson, M. X., & Sheldon, E. A. Granulosa cell carcinoma of the ovary in a child of 3 years and 9 months. Am. J. Obst., 1937, 34: 119-24.—Bernhart, F. Ueber ein zweimaliges Rezidiv eines Granulosazelltumors. Zbl. Gyn., 1939, 63: 1338-43.—Compton, B. C. Malignancy of granulosa cell tumors with a report of one case with recurrence after 16 years. Am. J. Obst., 1937, 34: 85-92.—Gianella, A. Granulosazellkarzinom mit Amenorrhoe. Helvet. med. acta, 1938, 5: 381.—Hüchel, H. Ueber die Bösartigkeit von Granulosazelltumoren. Arch. Gyn., Berl., 1937, 164: 508-21.—Kleine, H. O. Die Sonderstellung der Granulosakarzinome des Ovariums in klinischer, histologischer und strahlentherapeutischer Hinsicht. Strahlentherapie, 1933, 47: 326-37.—McCarty, J. S., jr. Malignant granulosa cell tumor of the ovary. Arch. Path., Chic., 1940, 29: 263-70.—Norris, E. H. Granulosa-cell carcinoma; a malignant ovarian tumor associated with endocrinological effects. Am. J. Cancer, 1938, 33: 538-48.—Soltmann, C. H. Ueber einen ungewöhnlichen Fall von Granulosazellgewächs des Eierstocks mit Knochenmetastasen. Virchows Arch., 1932, 284: 466-73.

— Pathology.

HACKE, W. *Ueber Granulosazelltumoren vom Aussehen multilokulärer Kystome [Breslau] 24p. 23cm. Liegnitz, 1937.

Accardo, C. Sur un caso atipico di folliculoma a struttura pseudostrumosa. Tumori, Milano, 1935, 21: 259-65, 2 pl.—Babes, A. Etude sur le folliculome de l'ovaire (tumeur à cellules de la granulosa) Gyn. obst., Par., 1928, 17: 129-49.—Brewer, J. I., & Jones, H. O. Granulosa cell hyperplasia of the ovary. Am. J. Obst., 1933, 25: 505-11.—Dockerty, M. B., & MacCarty, W. C., sr. Granulosa cell neoplasm with a discussion of possible histogenesis. Ibid., 1939, 38: 698-702.—Frankl, O. Struma ovarii bei Granulosazelltumor. Zbl. Gyn., 1931, 55: 21-6.—Geus, C. J. H. de [Experimental investigation on Ascheim-Zondek (Friedman modification) reaction in the tissue of granulosa cell tumor] Geneesk. tschr. Ned. Indie, 1936, 76: 1691-9.—Gobbi, L. I tumori della granulosa ovarica in relazione ai tumori di Krukenberg. Arch. Ist. biochim. ital., 1934, 6: 443-90.—Gospe, S. M. Bio-assay of a granulosa cell tumor. Am. J. Obst., 1936, 32: 495-7.—Grevle, A. [Granulosa-cell tumor] Norsk. mag. laegevid., 1936, 918-26, 6 pl.—Habbe, K. Beitrag zur Frage der Granulosazelltumoren. Zbl. Gyn., 1931, 55: 1088-108.—Harvey, W. F., Dawson, E. K., & Innes, J. R. M. Debatable tumours in human and animal pathology; granulosa-cell tumour of the ovary. Edinburgh M. J., 1939, 46: 256-66, 5 pl.—Ivanov, I. J. Zur Kenntnis der Granulosazelltumoren. Zschr. Geburtsh. Gyn., 1937, 115: 262-84.—Klafen, E. Weiterer Beitrag zur Klinik und mikroskopischen Anatomie der Granulosazelltumoren des Eierstocks. Arch. Gyn., Berl., 1932, 150: 643-69. — Weiterer Beitrag zur Kenntnis der Granulosazelltumoren. Zbl. Gyn., 1935, 59: 614-20.—Kleine, H. O. Die morphologische und funktionelle Eigenart der Granulosablastome; Untersuchungen über hormonale Wirkungen von Eierstocksblastomen. Arch. Gyn., Berl., 1933-34, 155: 168-84.—Lissowetzky, V. Zur Frage der sogenannten Follikulome des Eierstocks. Ibid., 1930, 142:

477-500.—**Moulounguet, P.**, & **Varangot, J.** Les folliculomes de l'ovaire et leur activité endocrinienne. *Presse méd.*, 1936, 44: 1848-52.—**Neumann, H. O.** Granulosazelltumoren als Hormonsponder? *Endokrinologie*, 1933, 12: 166-83.—**Novak, E.**, & **Long, J. H.** Ovarian tumors associated with secondary sex changes; granulosa cell carcinoma and arrhenoblastoma. *J. Am. M. Ass.*, 1933, 101: 1057-64.—**Palmer, A.** Estrogenic hormone in the urine and tumor of a patient with a granulosa cell tumor of the ovary. *Am. J. Obst.*, 1939, 37: 492-4.—**Plate, W. P.** Eine seltene Form eines Granulosazelltumors des Ovariums, das sogenannte Folliculome lipidique (Lécène) *Arch. Gyn. Berl.*, 1933, 153: 318-32. Also *Gyn. obst.*, Par., 1933, 28: 42-58.—**Putzu Doneddu, F.** Contributo allo studio dei folliculomi. *Arch. ostet. gin.*, 1939, 2. ser. 3: 321-58.—**Russell, P. M. G.** A granulosa-cell tumour of the ovary with remarkable hyperplasia of the uterus. *J. Obst. Gyn. Brit. Empire*, 1940, 47: 669-72, pl.—**Traut, H. F.** Life cycle of Graafian follicle-like tumors. *Arch. Path.*, *Chic.*, 1940, 30: 831.—& **Butterworth, J. S.** The theca, granulosa, lutein cell tumors of the human ovary and similar tumors of the mouse's ovary. *Am. J. Obst.*, 1937, 34: 987-1006.—**Traut, H. F.**, & **Marchetti, A. A.** A consideration of so-called granulosa and theca cell tumors of the ovary. *Surg. Gyn. Obst.*, 1940, 70: 632-42.—**Varangot, J.** La réaction thécale du stroma dans les tumeurs de la granulosa ovarienne. *Bull. Ass. fr. cancer*, 1938, 27: 440-6.—**Weyel, W.** Ueber Granulosazelltumoren bei Tieren und ihr hormonales Verhalten. *Deut. tierärztl. Wschr.*, 1936, 44: 550-3.

— Thecoma.

Collins, C. G., **Varino, G.**, & **Weed, J. C.** Theca cell tumors of the ovary. *J. Am. M. Ass.*, 1939, 113: 1634-7.—**Dockerty, M. B.** Theca cell tumors of the ovary; a report of 10 cases. *Am. J. Obst.*, 1940, 39: 434-43.—**Fischer, H. S.** Theca cell tumor of the ovary. *Ibid.*, 1938, 35: 1070-2.—**Geist, S. H.** Theca cell tumors. *Ibid.*, 1935, 30: 480-95. Also *Tr. Am. Gyn. Soc.*, 1936, 60: 293-310. Also *J. Mount Sinai Hosp. N. York*, 1937-38, 4: 821-5.—& **Gaines, J. A.** Theca cell tumors. *Am. J. Obst.*, 1938, 35: 39-51.—**Greenhill, J. P.**, & **Greenblatt, R. B.** Status of the thecoma and its relationship to the granulosa cell tumor. *Ibid.*, 36: 684-8.—**Hammar, S.** Ueber Thekazellentumoren aus Anlass eines eigenen Falles. *Acta obst. gyn. scand.*, 1937, 17: 516-29.—**Löffler, E.**, & **Priesel, A.** Thekazellengewächse des Eierstockes. *Wien. med. Wschr.*, 1934, 84: 400-3.—**Macquot, Moricard** [et al.] Un cas de tumeur thécale. *Bull. Soc. gyn. obst. Paris*, 1937, 26: 703-9.—**Melnick, P. J.** Theca cell tumors of the ovary. *Tr. Chicago Path. Soc.*, 1933, 14: 138.—& **Kanter, A. E.** Theca cell tumors of the ovary. *Am. J. Obst.*, 1934, 27: 41-51.—**Moulounguet, P.**, & **Varangot, J.** Les tumeurs de la théca interne de l'ovaire. *J. chir. Par.*, 1939, 53: 305-21.—**Plate, W. P.** [Theca-cell tumor of the ovary] *Ned. tschr. verlosk.*, 1939, 42: 245-59.—**Ruzicka, J.** Thekazelltumor des Eierstockes; Beiträge zur Pathologie der Hypophysenvorderlappen-Funktion. *Arch. Gyn.*, *Berl.*, 1939, 169: 601-12.—**Sant'Anna, J.** Tumor thecal do ovario. *Rev. gyn. obst.*, Rio, 1939, 33: pt 2, 167-78.—**Voight, W. W.** Thecoma of the ovary. *Am. J. Surg.*, 1940, 50: 331-5.

— in childhood.

See also **Puberty**, precocious.

ASTNER, K. *Ein Granulosazelltumor mit Pubertas praecox bei einem 2½-jährigen Kinde [München] 23p. 8° Günzb., 1936.

Bland, P. B., & **Goldstein, L.** Granulosa cell tumor of the ovary in a child with precocity. *Am. J. Obst.*, 1934, 28: 596-600. Also *Rev. méd. cubana*, 1935, 46: 112-23.—**Görög, M.** [Ovarian granulosa-cell tumor in a 5-year old girl] *Gyógyászat*, 1938, 78: 377-80.—**Hare, R. B.** Granulosa-cell tumour of the ovary with precocious menstruation. *Canad. M. Ass. J.*, 1937, 36: 620.—**Klaften, E.** Granulosazellgeschwulst mit Pubertas praecox bei einem vierjährigen Kinde. *Arch. Gyn.*, *Berl.*, 1933-34, 155: 342-52.—**Pahl, J.** Granulosazelltumor im Kindesalter. *Ibid.*, 1931, 147: 736-50.—**Parks, J.** Granulosa cell tumors of the ovary with precocious puberty. *Am. J. Obst.*, 1938, 36: 674-9.—**Sein, M.** Granulosa cell ovarian tumour as a cause of sexual precocity; report of a case. *Guy's Hosp. Rep.*, Lond., 1938, 88: 299-307.—**White, M. M.** Report on a case of granulosa-cell tumour in a girl of 11 years. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Obst. Gyn., 773. Also *J. Obst. Gyn. Brit. Empire*, 1939, 46: 381.—**Wyatt, J.** A child of 5 with a granulosa-celled tumour of the ovary. *Ibid.*, 381. Granulosa-celled tumour of ovary in a child of 4 years. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Obst. Gyn., 770.

— in old age.

Isbruch, F. Ueber Granulosazelltumoren der Ovarien, insbesondere bei älteren Frauen mit gleichzeitiger Schleimhauthypertrophie des Uterus. *Zbl. Gyn.*, 1926, 50: 89-98.—**Novak, E.** Granulosa-cell carcinoma of ovary as a cause of postmenopausal bleeding with a discussion of the pathologic physiology of these tumors. *Am. J. Surg.*, 1934, n. ser., 26: 595-610.—**Patterson, J. H.**, & **McCullagh, W. McK. H.** A case of theca-cell tumour of the ovary in a woman aged 92 years. *J. Obst. Gyn. Brit. Empire*, 1936, 43: 1186-90, 2 pl.—**Peel, J. H.** Persistent menstruation until 71, associated with

ovarian tumour. *Proc. R. Soc. M., Lond.*, 1938-39, 32: Sect. Obst. Gyn., 1232-4.—**Stabnick, J. S.** Granulosa cell tumor in an 80-year-old patient. *Memphis M. J.*, 1940, 15: 82-4.—**TeLinde, R. W.** Granulosa-cell tumors of the ovary and their relation to postmenopausal bleeding. *Tr. Am. Gyn. Soc.*, 1930, 55: 168-86.

GRANULOSIS.

See **Trachoma**.

GRANULOSIS bacterium.

See **Noguchia**.

GRANULOSIS rubra nasi [Jadassohn]

See also in 3. ser. under **Nose**.

DENKLER, F. K. *Beitrag zur Kasuistik der Granulosis rubra nasi. 24p. 8° Erlangen, 1929.

MIROBOULOW, E. *Ueber Granulosis rubra nasi und Miliaria crystallina und alba [Bern] 24p. 8° Berl., 1906.

Also *Deut. Med. Ztg.*, 1906, 28: 689-701.

Aleixo, A. Granulosis rubra nasi. *Brasil med.*, 1932, 46: 97.—**Barber, H. W.** Two cases of granulosis rubra nasi in boys. *Proc. R. Soc. M., Lond.*, 1918 19, 12: Sect. Derm., 40.—**Beeson, B. B.** Granulosis rubra nasi (Jadassohn) report of a case. *Arch. Derm. Syph.*, *Chic.*, 1926, n. ser., 14: 256-69.—**Cortella, E.** Sopra un caso di granulosis rubra nasi con insolito reperto istologico. *Arch. ital. dermat.*, 1931-32, 7: 354-71.—**Di Lorenzo, E.** Sulla granulosis rubra nasi. *Atti clin. otorin.* Roma (1919) 1920, 17: 115-42, pl.—**Dupont, A.** Granulosis rubra nasi. *Bull. Soc. fr. dermat. syph.*, 1927, 34: 278-80.—**Falehi, G.** Sopra un caso di granulosis rubra nasi. *Bull. Soc. med. chir.*, Pavia, 1930, 44: 261-82.—**Flandin, C.**, **Ferrand, M.**, & **Rabeau, H.** Deux cas de granulosis rubra nasi. *Bull. Soc. fr. dermat. syph.*, 1937, 44: 1731.—**Fox, T. C.** A case of granulosis rubra nasi. *Brit. J. Derm.*, 1906, 18: 320, pl.—**Hallopeau, H.** Contribution à l'étude clinique, pathogénique et nosologique de la granulosis rubra nasi. *J. mal. cut. syph.*, Par., 1906, 18: 241-7. Also repr.—**Haslund, P.** Granulosis rubra nasi; scheinbar andauernde Heilung mit Kohlenäureschnee. *Derm. Zschr.*, 1916, 23: Orig., 135-46.—**Hellicor, F. F.** Granulosis rubra nasi in a mother and daughter. *Brit. M. J.*, 1937, 2: 1068.—**Jamieson, W. A.** A case of granulosis rubra nasi. *Tr. Med. Chir. Soc. Edinburgh*, 1904-5, n. ser., 24: 225.—**MacLeod, J. M. H.** Granulosis rubra nasi (Jadassohn) a further contribution. *Brit. J. Derm.*, 1906, 16: 342-53.—**Marchisio, L.** Sulla cizio-patogenesi della granulosis rubra nasi. *Gior. ital. dermat. sif.*, 1926, 67: 322-39.—**Maschkeleiss, L. N.**, & **Neradow, L. A.** Dreiunddreissig Fälle von Jadassohns Granulosis rubra nasi. *Derm. Zschr.*, 1935, 71: 79-84.—**Oulmann, L.** Granulosis rubra nasi with general hyperidrosis. *J. Cut. Dis. inc. Syph.*, 1908, 26: 181.—**Pavia, M.** Granulosis rubra nasi ed eridolue. *Riv. clin. pediat.*, 1934, 32: 308-28.—**Peters, A. D. K.** Granulosis rubra nasi. *Proc. R. Soc. M., Lond.*, 1936-37, 30: 1054.—**Petrescu, G. Z.** [A case of granulosis rubra nasi] *Rev. st. med.*, *Bucur.*, 1926, 15: 288-90.—**Rajka, E.** Ueber die Aetiologie der Granulosis rubra nasi. *Derm. Zschr.*, 1926, 48: 185-8.—**Reinsberg, V.** Granulosis rubra nasi Jadassohn. *Cas. lék. česk.*, 1907, 46: 787-91.—**Skrivaneli** [Granulosis rubra nasi] *Liječ. vjes.*, 1940, 62: 233.—**Williams, A. W.** Case of granulosis rubra nasi. *Proc. R. Soc. M., Lond.*, 1915, 9: Derm. Sect., 20.

GRANULOTHERAPY.

See **Therapeutics**.

GRANVILLE, Alexander, 1874-1929.

Obituary. *Brit. M. J.*, 1928, 1: 791. Also *Lancet*, Lond., 1929, 1: 798.

GRANVILLE, Mary.

See **Le Quesne**, Ruth M., & **Granville, Mary.** *Hydrotherapy*; a textbook for students. 142p. 8° Lond., 1936.

GRANZOW, Joachim. Die Wechselbeziehungen zwischen der Tuberkuloseerkrankung und den Generationsvorgängen im weiblichen Organismus. 196p. 8° Berl., S. Karger, 1930.

Forms Heft 4, Abh. Geburtsh.

GRAOPHILIA.

See under **Homosexuality**.

GRAPALDI, Francisco Mario, 16. century. *De partibus aedium ... apotheca, hortus, piscina* [etc.] 124 l. sm. 4° [Parma, Angelus Ugoletus, ca 1494]

— The same. 124 l. 8° Paris, Jean Petit, 1517.

GRAPE, Erik Adolf, 1844-1900.

[Obituary] *Nyt tskr. abnormvaes.*, Kbh., 1900, 2: 253-32.

GRAPE.

See also Grape-juice; Grape-vine.

BARNETT, R. J. Grape growing in Kansas. 32p. 8°. Topeka, 1935.

Brown, W. L. The anthocyanin pigment of the Hunt muscadine grape. *J. Am. Chem. Soc.*, 1940, 62: 2808-10.—**Carteni, A.** L'acido ascorbico ed i glucidi nell'uva. *Q. nutriz.*, Bologna, 1934-35, 1: 305-10.—**Daniel, E. P., & Munsell, H. E.** The vitamin A, B, C, and G content of Sultanina (Thompson seedless) and Malaga grapes and 2 brands of commercial grape juice. *J. Agr. Res.*, 1932, 44: 59-70.—**Fennell, J. L.** *Vitis* gigas Fennell, sp. nov.; Florida blue grape. *J. Washington Acad. Sc.*, 1940, 30: 125-7.—**Heiduschka, A., & Pyriki, C.** Ueber den Citronensäuregehalt der Trauben in verschiedenen Reifestadien und über die Bestimmungsverfahren dieser Säure. *Zschr. Untersuch. Lebensmitt.*, 1929, 58: 378-81.—**Hercod, R.** La crise internationale de la viticulture. *C. rend. Conf. internat. fruit-aliment*, 1933, 1. Conf., 75-88.—**Laborde, F.** Le raisin et le jus de raisin. *Rev. sc., Par.*, 1937, 72: 100-5.—**Luhmann, E.** Herstellung von Traubenhonig, Fruchtmark, Must, Marmelade und Paste aus geringwertigen Weintrauben ohne Zuckerzusatz. *Alkoholfrage*, 1917, 13: 131-4.—**Markley, K. S., Sando, C. E., & Hendricks, S. B.** Petroleum-ether-soluble and ether-soluble constituents of grape pomace. *J. Biol. Chem.*, 1938, 123: 641-54. Also repr.—**Morgan, A. F., Kimmel, L. [et al.]** The vitamin content of Sultanina (Thompson seedless) grapes and raisins. *J. Nutrit.*, 1935, 9: 369-82.—**Merjanian, A.** Ueber den Vitamingehalt von Trauben und Traubenweinen. *Zschr. Untersuch. Lebensmitt.*, 1926, 52: 307-11.—**Pastorello.** Journées et semaines du raisin. *C. rend. Conf. internat. fruit-aliment*, 1933, 1. Conf., 337-48.—**Romano, L.** Come giovare della festa dell'uva. *Igiene e vita*, 1936, 19: 261.—**Schieblich, M., & Vlassopoulos, V.** Ueber den Vitamingehalt einiger griechischer Früchte; Weintrauben. *Zschr. Untersuch. Lebensmitt.*, 1936, 71: 425-8.—**Vacca, C.** La vitamina B nell'uva e nei suoi derivati. *Q. nutriz.*, Bologna, 1934-35, 1: 424-42.—**Venezia, M.** L'acido ascorbico, vitamina C, e il suo comportamento nell'uva e nel vino. *Probl. aliment.*, Roma, 1938, 2. ser., 2: 65-8.—**Wetzel.** Les journées du raisin en Alsace. *C. rend. Conf. internat. fruit-aliment*, 1933, 1. Conf., 349-51.

— Dietetic and therapeutic use.

Baglioni, S. L'uva alimento e medicina. *Probl. aliment.*, Roma, 1938, 2. ser., 2: 34-6.—**Boeri, G.** L'uva e il glucosio nell'alimentazione e nella terapia. *Morgagni*, 1932, 74: 1365-400.—**Cure (La)** de raisin. *Mouvement hyg.*, Brux., 1911, 27: 464.—**Dalmasso, G.** Uve per l'alimentazione e stazioni uvali. *Probl. aliment.*, Roma, 1938, 2. ser., 2: 18-21.—**Dartnell, M.** Grapes. *Hygeia*, Chic., 1940, 18: 808.—**Devoto, L.** Disciplina alimentare e vita sportiva: l'uva e i succhi d'uva per gli sportivi. *Med. lavoro*, 1934, 25: 179.—**Dreyfus, G.** Les cures uvales. *Bull. gén. théér.*, 1935, 186: 49-57.—**Eylaud, M.** L'alimentation et l'homme moderne: les raisins et les jus de raisins. *Presse méd.*, 1937, 45: 1519.—**Hugues, E., & Bouffard, E.** Sur la maturité des raisins de table. *Ann. falsif., Par.*, 1936, 29: 279; 1937, 30: 91.—**Labbé, M.** Les cures uvales. *C. rend. Conf. internat. fruit-aliment*, 1933, 1. Conf., 448-51.—**Les stations uvales de France en 1933.** *Bull. Acad. méd., Par.*, 1934, 3. ser., 111: 126-9.—**Latalerie, A. de.** O valor nutritivo e curativo de uva. *Educ. fis., Rio*, 1940, No. 49, 20.—**Lorand, A.** Quelques indications importantes pour la cure de raisins. *Paris méd.*, 1935, 95: 490.—**Mariscal Garcia, N.** Valor alimenticio, higiénico y terapéutico de las uvas. *Clin. lab.*, Zaragoza, 1933, 22: 510-2. Also *Rev. españ. med. cir.*, 1933, 16: 536.—**Mathieu, G.** Contrôle de la maturité des raisins de table dans la région d'Avignon. *Ann. falsif., Par.*, 1936, 29: 335.—**Melocchi, E., & Melocchi, W.** Le cure di uva; basi scientifiche e applicazioni pratiche. *Riv. idr. elim.*, 1930, 41: 441-9.—**Pouchet.** Sur une demande en reconnaissance comme station uvale. *Bull. Acad. méd., Par.*, 1937, 3. ser., 117: 497.—**Riabkin, P. A., & Abkina, A. M.** [Result of grape-therapy at the Artema sanatorium in Ialta] *Probl. tuberk.*, Moskva, 1940, No. 10, 121.—**Semichon, L.** Les conquêtes et les reculs de l'oenologie. *Bull. Soc. sc. hyg. aliment.*, Par., 1937, 25: 116-27.—**Tardif, E.** Cures de raisins et stations uvales. *J. méd. Paris*, 1933, 53: 587.—**Thompson, J. D.** The value of grapes. *Eating Your Way to Health*, 1934, 3: 1.—**Uvoterapia.** *Progr. ter.*, Milano, 1905, 203-6.—**Vires, J.** Les cures de raisins; technique de la cure. *Bull. gén. théér.*, 1927, 178: 306-18.—**Wagner, E. E.** The grape; its nutritive and therapeutic value. *Good Health*, 1939, 74: 8-10.

— Disease.

Dufrenoy, J., & Genevois, L. Développement du Cladosporium herbarum sur des raisins à basse température. *C. rend. Soc. biol.*, 1935, 118: 708-10.—**Lieske, R.** Untersuchungen über die als Mauke oder Grind bezeichnete Erkrankung der Weinreben. *Arb. Biol. Reichsanst.*, 1926-27, 15: 261-70, 2 pl.—**Sergent, E., & Rougebief, H.** Des rapports entre les mouchecons du genre *Drosophila* et les microbes du raisin; mutualisme à l'égard des levures; antagonisme à l'égard des moisissures. *Ann. Inst. Pasteur, Par.*, 1926, 40: 901-21.

— Pathological effect.

Anderson, J. M. Dermatitis from grapes. *Arch. Derm. Syph., Chic.*, 1935, 31: 658-60.—**Canculesco, M., & Radulesco, N.** Les maladies provoquées par les raisins. *Bull. Acad. méd. Roumanie*, 1936, 1: pt 2, 890-8.—**Exchaquet, L.** Un cas d'obstruction intestinale et de subocclusion par des gosses de raisins. *Rev. méd. Suisse rom.*, 1935, 55: 902.—**Hugel.** Traubenbeulen. *Münch. med. Wschr.*, 1935, 82: 1638.—**Kärber, G.** Zur Frage der Giftigkeit der Beeren wilder Weinarten. *Med. Klin., Berl.*, 1933, 29: 1617.—**Rohrhirsch, O.** Schwere Mastdarmkoliken nach überreichlichem Traubengenuss. *Münch. med. Wschr.*, 1934, 81: 1689.

GRAPE-FRUIT.

See Citrus.

GRAPE-JUICE [and must]

See also Grape; Wine.

CONVERSE, B. *La chaptalisation des moûts. 40p. 8°. Par., 1937.

Bellissima, G. La vendita del mosto secondo lo statuto di Siena del [1295] documento latine inedito desunto dal R. Archivio di stato in Siena. *Atti Accad. fisioer. Siena*, 1922-23, 9. ser., 14: 389-92.—**Benvegnin, L., & Capt, E.** Contribution à l'étude de quelques méthodes de dosage de l'acide lactique dans les moûts et vins. *Mitt. Lebensmitteluntersuch.*, Bern, 1932, 23: 46; 64.—**Contribution à l'étude du cuivre dans les moûts et vins.** *Ibid.*, 1934, 25: 125-38.—**Capt, E.** Dosage rapide de minimes quantités de fer dans les moûts, vins et cidres. *Ibid.*, 1938, 29: 33-44.—**Coulouma, J.** Effets de la sécheresse sur les moûts de 1920. *Ann. falsif., Par.*, 1921, 14: 283-6.—**Les moûts des 1933 dans le Biterrois.** *Ibid.*, 1934, 27: 285-9.—**Dalmasso, G.** Produzione del succo d'uva e viticoltura. *Probl. aliment.*, Roma, 1938, 2. ser., 2: 36-42.—**Diemair, W., & Waibel, J.** Erfahrungen über die Bestimmung kleiner Arsenmengen in Mosten und Weinen. *Zschr. Untersuch. Lebensmitt.*, 1936, 72: 223-34.—**Fabre, J. H., & Brémont, E.** Etude analytique de purs jus concentrés de raisins, de provenance algérienne. *Ann. falsif., Par.*, 1933, 26: 531-43.—**L'arsenic dans les moûts de raisins et les vins.** *Ibid.*, 1938, 31: 149-57.—**Fischler, M., & Kretzdorn, H.** Bestimmung der schwefeligen Säure in Süßmosten. *Zschr. Untersuch. Lebensmitt.*, 1938, 75: 38.—**Gachot.** Concentrés et jus de fruits et raisins; préparation et traitement du cidre doux; sans alcool. *C. rend. Conf. internat. fruit-aliment*, 1933, 1. Conf., 151-70.—**Galanos, S.** Ueber den Citronensäuregehalt der griechischen Moste. *Zschr. Untersuch. Lebensmitt.*, 1926, 51: 217-20.—**Heiduschka, A., & Pyriki, C.** Untersuchung von 1925-er Traubenmosten des Weinbaugebietes Lössnitz-Meissen-Seusslitz. *Ibid.*, 289-93.—**Beitrag zur Kenntnis des Citronensäuregehaltes von Traubenmosten und Traubenweinen.** *Ibid.*, 1927, 54: 466-73.—**Jahr, H.** Beitrag zur Kenntnis der gespriteten Traubenmoste. *Arb. Reichsgesundhamt.*, 1933, 66: 235-53.—**Kreutz, A., & Büchner, C.** Die Zusammensetzung der Moste und Weine des Jahres 1924-27, aus dem Weinbaugebiet der hessischen Provinz Starkenburg. *Zschr. Untersuch. Lebensmitt.*, 1926, 51: 58; 52: 299; 1927, 54: 310.—**Krug, O., & Schätzlein, C.** Untersuchung 1913-er Moste der Pfalz. *Zschr. Untersuch. Nahrungsmitt.*, 1914, 27: 394; 1916, 31: 13.—**Lcsné, E.** Comparaison des jus de raisin frais et conservés. *Bull. Acad. méd., Par.*, 1931, 3. ser., 105: 832-5.—**Mach, F., & Fischler, M.** Die Zusammensetzung der Moste des Jahres 1919-29, in Baden. *Zschr. Untersuch. Nahrungsmitt.*, 1920, 40: 72; passim.—**Die Zusammensetzung der Moste des Jahres 1925, 1928, in Baden.** *Zschr. Untersuch. Lebensmitt.*, 1926, 51: 294; passim.—**Mathieu, L.** La désacidification des moûts et des vins. *Ann. falsif., Par.*, 1913, 6: 201-6.—**Moreau, L., & Vinet, E.** Les moûts de raisins en Anjou; récolte 1933. *Ibid.*, 1933, 26: No. 301, 18-24.—**Morgan, A. F., Nobles, H. L. [et al.]** The B vitamins of California grape juices and wines. *Food Res.*, 1939, 4: 217-29.—**Mrak, E. M., Caudron, D. C., & Cash, L.** Corrosion of metals by musts and wines. *Ibid.*, 1937, 2: 439-54.—**Nallino, G.** Alterazioni dipendenti da alcune condizioni nelle quali si trova il mosto d'uva e da alcuni trattamenti ai quali il vino viene sovente sottoposto. *Gior. farm. chim., Tor.*, 1868, 17: 57; 145; 241.—**Pederson, C. S.** The preservation of Concord grape juice. *J. Bact., Balt.*, 1936, 31: 85.—**Studies on the cool storage of grape juice.** *Food Res.*, 1936, 1: 301-5.—**Pasteurization of Concord grape juice.** *Ibid.*, 9-27.—**Beavens, E. A., & Goresline, H. E.** Pasteurization of juices or musts prepared from several varieties of grapes. *Ibid.*, 325-35.—**Peypaud, E.** Le dosage de l'acide tartarique dans les moûts et les vins par les méthodes au racémate. *Ann. falsif., Par.*, 1936, 29: 260-73.—**Rampi, R.** Il succo d'uva nazionale. *Atti Conv. lombardo aliment. pop.*, 1938, 1. Conv., rep. No. 30, 3p.—**Ribereau-Gayon, J.** Le cuivre des moûts et des vins. *Ann. falsif., Par.*, 1935, 28: 349-60.—**Röhling, A.** Moste des Jahres 1925 aus den Weinbaugebieten der Nahe, des Glans, des Rheintals unterhalb des Rheingaaues, des Rheingaaues, der Lahn, des Rheins und Mains. *Zschr. Untersuch. Lebensmitt.*, 1926, 52: 264-8.—**Schmitt, R.** Untersuchung von 1917-1922-er Traubenmosten Frankens. *Zschr. Untersuch. Nahrungsmitt.*, 1918, 35: 173; passim.

Die 1925-er Traubenmoste Frankens. Zschr. Untersuch. Lebensmitt., 1926, 51: 298.—Semichon, L., & Flanzly, M. Sur les acides organiques des jus de raisins. C. rend. Acad. sc., 1933, 197: 198-201.—Lamazou-Betheder, M. Dosage de la potasse et des alcalis dans les vins et les moûts de raisin. Ann. falsif., Par., 1930, 23: 517-26.—Stern, J. Moste des Jahres 1914-1922, aus den Weinbaugebieten der Nahe und des Glans, des Rheintales unterhalb des Rheingau, des Rheingau, der Lahn, des Rheins und des Mains. Zschr. Untersuch. Nahrungsmitt., 1915, 30: 334; passim.—Trauth, F., & Bässler, K. Ein Beitrag zur Frage der Beziehungen zwischen Mostgewicht und Alkoholgehalt und deren Nutzungswendung bei der Verbesserung der Moste. Zschr. Untersuch. Lebensmitt., 1936, 72: 476-98.—Tressler, D. K., & Pederson, C. S. Factors controlling the rate of deterioration of bottled Concord juice. Food Res., 1936, 1: 87-97.—Venezia, M. Sulla preparazione dei succhi di uva; indirizzi e ricerche. Probl. aliment., Roma, 1939, 2, ser., 3: 33-8.—Vogt, E. Mostgewicht und Alkoholgehalt. Zschr. Untersuch. Lebensmitt., 1934, 68: 473-86.—Von der Heide, C. Wie muss bei der Verbesserung der Moste und Weine die Zuckermenge berechnet werden? Ibid., 1935, 69: 131-8.—Ein Beitrag zur Frage der Beziehungen zwischen Mostgewicht und Alkoholgehalt. Ibid., 1935, 69: 131-8.—Hennig, K. Bestimmung des Arsens und der Phosphorsäure, des Kupfers, Zinks, Eisens und Mangans in Most und Wein. Zschr. Medbeamte, 1933, 46: 341-8.—Von der Heide, C., & Mändlen, H. Ueber das Vorkommen von Saccharose im Most und Wein. Zschr. Untersuch. Lebensmitt., 1929, 57: 13-36.—Walter, K. Der Most; ein Beitrag zur Alkoholfrage, mit besonderer Berücksichtigung der württembergischen Verhältnisse. Alkoholfrage, 1904, 1: 127-44.

Dietetic and therapeutic value.

JACQUESON, R. *Contribution à l'étude du jus de raisin au point de vue alimentaire et thérapeutique. 159p. 25cm. Lyon, 1939.

Clouse, R. C. The effect of grape as compared with other fruit juices on urinary acidity and the excretion of organic acids. J. Nutrit., 1935, 9: 593-610.—Eaubonne, G. d'. Consommation alimentaire du jus de raisin. Bull. Acad. méd., Par., 1936, 3, ser., 115: 355-7.—Fishbein, W., Calvin, J. K., & Heumann, J. The availability of the iron of grape juice. Arch. Pediat., N. Y., 1938, 55: 42-5.—Flaig, J. Der Süssmost in seiner Bedeutung für Gesunde und Kranke. Ther. Gegenwart, 1937, 78: 417.—La uva y el jugo de uva en la alimentación y la terapéutica. Día méd., B. Air., 1938, 10: 9.—Labbé, M. Sur l'emploi du jus de raisin non fermenté dans l'alimentation. Bull. Acad. méd., Par., 1933, 3, ser., 109: 299-309.—Müller, H. Le jus de raisin dans les régimes. Praxis, Bern, 1937, 26: 613-6.—Muth, F., & Malsch, L. Versuche zur Aufstellung einer Stickstoffbilanz in Traubenmosten und weinen. Zschr. Untersuch. Lebensmitt., 1934, 68: 487-500.—Rochaix, A., & Jacqueson, R. Pouvoir microbicide du jus de raisin frais. Rev. hyg., Par., 1938, 60: 241-50.—Saywell, L. G. The effect of grapes and grape products on urinary acidity. J. Nutrit., 1932, 5: 103-20.—Sebastianelli, A. Azione del succo di uva sul tempo di transito attraverso il tubo gastroenterico. Gazz. internaz. med. chir., 1937, 47: 695.

Fermentation.

See also Wine.

TAGLE BENNETT, R. *Ideas generales sobre la fermentación de los mostos y algunos métodos de conducir la fermentación. 41p. 8°. Santiago de Chile, 1934.

Balavoine, P. Sur la mustimétrie. Mitt. Lebensmitteluntersuch., Bern, 1939, 30: 331-5.—Béraud, P. Observations sur quelques levures de vin tunisiennes. Arch. Inst. Pasteur Tunis, 1937, 26: 723-7.—Burgvitz, G. K., & Hochberg, R. B. [Effect of acidity (pH) of grape mash on the grape yeast] Arkh. biol. nauk, 1936, 43: 39-47.—Dalvit, P. Levaduras vínicas de las uvas de Mendoza. Rev. Inst. bact. Dep. nac. hig., B. Air., 1940, 9: 360-5.—Goresline, H. E., Beavens, E. A., & Curl, A. L. The fermentation of ameliorated musts. J. Bact., Balt., 1940, 39: 89.—Mrak, E. M., & McClung, L. S. Concerning the genera of yeasts occurring on grapes and grape products in California. Ibid., 1938, 36: 316; 1940, 40: 395.—Mrak, E. M., & Fessler, J. F. Changes in iron content of musts and wines during vinification. Food Res., 1938, 3: 307-9.—Sacchetti, M. Ricerche sulla fermentazione di un mosto d'uva concentrato. Arch. Mikrob., Berl., 1931-32, 3: 473.—Verona, O. Influence des sels d'arsenic sur le développement de Sacch. ellipsoideus Hansen et sur le rendement alcoolique de la fermentation des vins. Boll. Sez. ital. Soc. internaz. microb., 1937, 9: 88-90.

GRAPE sugar.

See Glucose.

GRAPE-VINE.

See also in 3. ser. Vine.

GEISE, O. Die Reblausgefahr. 24p. 8°. Hamb., 1888.

JOHNSON, F., & HAMMAR, A. G. The grape root-worm, with especial reference to investigations in the Erie grape belt from 1907-1909. 100p. 8°. Wash., 1910.

LAFARGE, J. *Contribution à l'étude des maladies cryptogamiques et bactériennes de la vigne [Strasbourg] 120p. 24½cm. Par., 1939.

Börner, C. Ueber reblaus-anfällige und -immune Reben; biologische Eigenheiten der Lothringer Reblaus. Biol. Zbl., 1914, 34: 1-8.—Grimaud, de Ciaux, G. Monographie de la vigne et des vins chez les anciens et chez les modernes. Gaz. san., Par., 1835, 5: 97; 154; 193; 259.—Ranghiano, D. Recherches cytologiques sur le Court-noué de la vigne. Arch. roumain. path., Par., 1933, 6: 353-495, 23 pl.—Raspail, F. V. Singulier et tardif avènement de la science académique au sujet de la maladie de la vigne. Rev. compl. sc. appl. méd., Par., 1856-57, 3: 106; 1858-59, 5: 101; 1859-60, 6: 102.—Ravaz, L., & Verge, G. Sur une maladie de la vigne, l'excorsioe. C. rend. Acad. sc., 1925, 180: 313-5.—Sprengel. Eine Schädlingkatastrophe im pfälzischen Weinbau (Clysia ambiguella Hübn. Lep.) Anz. Schädlingk., 1926, 2: 1-5.—Thomas, J. E. The diagnostic value of the chlorine content of the vine leaf. J. Counc. Sc. Indust. Res., Melb., 1934, 7: 29-38.—Wood, J. G. Physiological derangements in vines subsequent to injury by cold. Austral. J. Exp. Biol., 1929, 6: 103-6, pl.

GRAPH.

See also Record; Statistics.

LIPKA, J. Graphical and mechanical computation. Part 1: Alignment charts. Part 2: Experimental data. 259p. 8°. N. Y., 1921.

MEADE, A. B. Manual of clinical charting; designed for the use of graduates and students of nursing. 99p. 8°. Phila., 1935. ALSO 2. ed. 134p. 21cm. [1938]

Ballard, C. H. Presentation of accomplishments by means of graphs, charts, etc. Papers Health Work. Conf. Tennessee, 1938, 10: [Discussion] 98-103.—Berkson, J. A probability nomogram for estimating the significance of rate differences. Am. J. Hyg., 1929, 9: 695-9, 2 ch.—Breitinger, E. Vergleichbare Verteilungsbilder (Frequenzpolygone) ein Vorschlag zur Vereinheitlichung der zeichnerischen Darstellung. Anthropol. Anz., 1936-37, 13: 282-91.—Burgess, M. A. The construction of 2 height charts. J. Am. Statist. Ass., 1937, 32: 290-310.—Deming, W. E. Some thoughts on curve fitting and the chi test. Ibid., 1938, 33: 543-51.—Gini, C. Due osservazioni a proposito delle rappresentazioni grafiche. Bull. Inst. internat. statist., Haye, 1934, 27: pt 2, 210-23.—Deux observations à propos des représentations graphiques. Ibid., 1938, 27: 76-9.—Lotka, A. J. A simple graphic construction for Farr's relation between birth-rate, death rate, and mean length of life. Q. Pub. Am. Statist. Ass., 1919-20, 17: 998-1000.—Pearl, R. On the degree of exactness of the gamma function necessary in curve fitting. Science, 1915, n. ser., 42: 833.—On the summation of the logistic curve. Collect. Papers Inst. Biol. Johns Hopkins, 1928, 2: 1-23.—Solith, K. [Value of interpolation in medical statistical research] Népegészgügy, 1940, 21: 204-8.—Spurr, W. A. A graphic method of measuring seasonal variation. J. Am. Statist. Ass., 1937, 32: 281-9.—Stigler, G. J. The limitations of statistical demand curves. Ibid., 1939, 34: 469-81.—Stock, J. S. A method of graphic interpolation. Ibid., 709-13.—Williams, J. W. The contour chart and its importance in public health tabulations. Science, 1935, 82: 425.—Wishart, J. On Romanovsky's generalised frequency curves. Biometrika, Camb., 1926-27, 18: 221-8.—Zoll, M. Die Fehler bei der graphischen Interpolation einer vorher gezeigten Kurve. Arch. ges. Psychol., 1939, 105: 58-100.—Zubin, J. Nomographs for determining the significance of the differences between the frequencies of events in 2 contrasted series or groups. J. Am. Statist. Ass., 1939, 34: 539-44.

GRAPHEUS.

See Grassi, Benvenuto.

GRAPHIC arts.

See also Book; Engraving; Illustration; Printing, &c.

JEPSON, M. Biological drawings, with notes. Parts 1 & 2. 2v. 60p.; 60p. 30cm. Lond. [1938]

KRISTELLER, P. Die lombardische Graphik der Renaissance. 172p. 4°. Berl., 1913.

KURZ, M. Handbuch der iberischen Bild-drucke des XV. Jahrhunderts. 250p. fol. Lpz., 1931.

FLOWMAN, G. T. Etching and other graphic arts. 158p. 8°. Lond., 1922.

SCHARDT, A. Das Initial. 180p. 27cm. Berl. [1938]

Skin hazards in photographing, photoengraving, lithographing, printing, typewriting and hectographing. Pub. Health Bull., Wash., 1939, 249: 70-9, 2 fig.

GRAPHIDIUM.

See Trichostromylinae.

GRAPHIOTHECIUM.

See Stilbaceae.

GRAPHITE.

See under Carbon; Homeopathy.

GRAPHOLOGY.

See also Character, Expression; Characterology; Criminology, Methods; Handwriting; Psychology.

ASTILERO, R. Grafologia scientifica. 242p. 18°. Milano, 1920.

JEANNEY, D. Essai de graphologie scientifique. 202p. 8°. Par. [1909]

ZENTRALBLATT für Graphologie. Heidelb., v.1, 1930-31.

Bound with Zschr. Menschenk.

Bachmann, J. Die gegenwärtige Lage der Graphologie. Zschr. Menschenk., 1935-36, 11: 145; 227.—Barr, J. Chiro-metacosis. Med. Press & Circ., Lond., 1922, n. ser., 114: 283-9.—Bobertag, O. Bemerkungen zur Praxis und Theorie der Graphologie. Zbl. Graphol., 1930-31, 1: 300-17.—Bührig, W. Zur Geschichte der Graphologie. Zschr. Menschenk., 1928, 4: 219-33.—Callewaert, H. Graphologie et mécanisme physiologique de l'écriture. Psychiat. neur. bl., Amst., 1935, 39: 72-7.—Delhougne, A. Dreidimensionale Graphologie. Zschr. Menschenk., 1931-32, 2: 1-16, 4 pl.—Engelke, H. Zur Geschichte der Graphologie. Ibid., 1936-37, 12: 205-7.—Junge, O. Die wissenschaftliche Grundlage der Graphologie und ihre Anwendung. Ibid., 1926-27, 2: H. 5, 51-9.—Kaltenbach, H. Die Bedeutung der Graphologie für die Vererbungswissenschaft. Zschr. ges. Neur. Psychiat., 1930, 128: 198-214.—Klages, L. Gegen das graphologische Pfuschertum. Zschr. Menschenk., 1926-27, 2: H. 4, 19-45; H. 6, 62-7.—Kurth, B. Handschrift und Lebensdauer. Ibid., 1929, 5: 82-9.—Meloun, J. Neue Ergebnisse graphologischer Forschungen. Umschau, 1929, 33: 489-93.—Saudck, R. Zur experimentellen Graphologie. Psychol. & Med., Stuttg., 1929-31, 4: 229-43.—Schneickert, H. Zum Problem der Handschriftensammlung. Jahrb. Charakt., 1926, 2: 3: 333-8.—Schultze-Naumburg, B. Ist die Graphologie ein Wissenschaft? Umschau, 1935, 39: 277-9.—Third international congress of graphology, Paris, September 19-22, 1937. J. Nerv. Ment. Dis., 1939, 89: 75-9.—Ziegler, A. Graphologische Praxis. Zschr. Menschenk., 1938-39, 14: 36-8.

Forensic aspect.

CRÉPIEUX-JAMIN, J. Les bases fondamentales de la graphologie et de l'expertise en écritures. 2. éd. 76p. 4°. Par., 1926.

MAYER, R. M. Die gerichtliche Schriftuntersuchung. p.473-616. 4°. Berl., 1934.

In Handb. biol. Arbeitsmeth. (Abderhalden) Berl., 1934, 4: Teil 12, 2. Hälfte.

WIESER, R. Der Rhythmus in der Verbrecherhandschrift; systematisch dargestellt an 695 Schriften krimineller und 200 Schriften nicht-krimineller. 226p. 8°. Lpz., 1938.

Bachmann, J. Das graphologische Gutachten und seine Bewährung. Zschr. Menschenk., 1937-38, 13: 131-44.—Boldrini, B. Procedimento per l'analisi degli inchiostri sui documenti manoscritti. Arch. antrop. crim., Milano, 1939, 59: 146-56.—Bondam, A. W. L. Die Schriftexpertise vom Standpunkt des Richters. Arch. Krim., 1939, 104: 23-8.—Brunner, E. Gerichtliche Schriftuntersuchung und Zeugenaussagen. Zschr. Menschenk., 1926-27, 2: 80-6, 4 pl.

Ein merkwürdiger Fall aus der Praxis. Ibid., H. 3, 43-9, 2 pl.—Bürger-Prinz. Graphologie und forensische Begutachtung. Mschr. Krim. Psychol., 1936, 27: 237-43.—Buhtz, G., & Köstner, H. Die Beurteilung verstellter, abgestrittener, echter Handschriften. Deut. Zschr. gerichtl. Med., 1936, 26: 413-29.—Carbia, R. D. La adulteración de documentos y la técnica anastasiográfica. Rev. psiquiat. crim., B. Air., 1937, 2: 549-54.—Chavigny, P. Expertise graphométrique d'une signature arguée de faux. Strasbourg méd., 1928, 88: pt 2, 349-51.—Ducco, C. L., & Quinteros, O. La fotografia por iluminación lateral en el examen grafoscópico de firmas. Rev. psiquiat. crim., B. Air., 1937, 2: 555-8.—Dück. Ueber gerichtliche Urkundenphotographie. Arch. Krim., 1924, 76: 115-22.—

Duyster, M. Eine Methode, auch bei unleserlichen Unterschriften die Echtheit oder Fälschung zu ermitteln. Ibid., 1935, 97: 181-8, 5 pl.—Förster, M. Drei Fälle einer Schriftangleichung. Zschr. Menschenk., 1939-40, 15: 34-7.—Franzheim, L. Das Mikroskop als Feind des Urkundenfälschers. Zschr. wiss. Mikr., 1936, 53: 178-82.—Gebhardt & Neken, S. Der Scheckschwindel und seine Bekämpfung. Arch. Krim., 1928, 82: 215-30, 6 pl.—Goldblatt, H. Graphologische Betrachtungen. Psychol. & Med., Stuttg., 1928, 3: 81-8.—Hartge, M. Bericht über das Ergebnis einer Untersuchung der Handschriften von 28 Schwerverbrechern. Zschr. Menschenk., 1932-33, 8: 341-77.—Heindl, R. Zur Diagnose der Urkundenfälschung; was Staatsanwälte, Untersuchungsrichter und Polizeibeamte beim Vorliegen dubioser Bleistiftschriften beachten sollen. Arch. Krim., 1928, 82: 81-95.—Hellwig, A. Ueber das Auspendeln von Handschriften durch gerichtliche Sachverständige im Strafprozess. Ibid., 1934, 95: 1-7.—Jores, A. Ueber die Bedeutung der Graphologie für die gerichtliche Begutachtung. Deut. Zschr. gerichtl. Med., 1927, 10: 419-29.—Kaiser, H. Lassen sich die geometrischen und physiologischen Momente, welche beim Schreiben mit Tinte und Feder gegeben waren, aus der Schrift erschliessen und kriminalistisch auswerten? Ibid., 1932, 19: 244-61.—Langenbruch, H. Studien mit ultravioletten Strahlen. Zschr. Menschenk., 1929, 5: 118-21, 5 pl.—Neue Wege für die Untersuchung von Urkundenfälschungen. Ibid., 1938-39, 14: 33-5, 2 pl.—Ledden Hulsebosch, C. J. van. Wie ich durch einen Schreibversuch eine Täterin entdeckte. Arch. Krim., 1938, 103: 173.—Auf waagerechter oder senkrechter Unterlage geschrieben? eigenartige Ueberführung eines Dokumentenfälschers. Ibid., 1939, 104: 13-7.—Locard, E. El peritaje de las escrituras con lápiz. Rev. psiquiat. crim., B. Air., 1937, 2: 241-6.—Le recrutement et la formation des experts en écritures. Arch. med. leg. ident., Rio, 1938, 8: 172-80.—Marx, M. A pericia grafica e sua finalidade. Arch. Soc. med. leg. S. Paulo, 1939, 10: 48-50.—Mayer-Benz, L. Untersuchungsergebnisse aus einer Reihe von Mörderschriften. Zschr. Menschenk., 1935-36, 11: 36-9.—Meira, C. Laudo do caso Hermes Cossio. Arch. med. leg. ident., Rio, 1935, No. 11, 104-10, 10 pl.—Mendonça, C. de. A pericia gráfica e os seus erros. Arq. med. leg. ident., Rio, 1934, 4: 129-32, 8 pl.—Mezger & Fränke. Nachweis einer Urkundenfälschung. Arch. Krim., 1928, 82: 59-61.—Mezger, O., Hasslacher, F., & Heess, W. Beiträge zur Kenntnis der Bleistiftschrift. Ibid., 1929, 85: 131-40, 4 pl.—Michaud, F. L'expertise en écritures et la méthode statistique. Rev. sc., Par., 1926, 64: 658-61.—Minovici, S. Les faux en écritures et la photographie au service de la justice. Ann. pharm., Louvain, 1901, 7: 49-77.—Mueller, B. Studien über Schriftverstellung. Deut. Zschr. gerichtl. Med., 1930, 15: 102-15.—Zur Frage des Beweiswertes der Schriftgutachten nebst statistischen Untersuchungen über die Häufigkeit einiger Schriftmerkmale. Arch. Krim., 1939, 104: 105-16.—Ninck, J. Die Unterschrift eines Verräters. Zschr. Menschenk., 1935-36, 11: 25-33.—Oelrich, W. Das Schriftgutachten im Strafprozess. Arch. Krim., 1938, 102: 191-206.—Philipp, L. Der Schriftindizienbeweis. Ibid., 1927, 81: 251-7.—Potapow, S. M. Zur systematischen Registrierung von Verbrecherhandschriften. Ibid., 80: 36-9.—Quinan, C. Handwriting of criminals; an experiment study. Arch. Neur. Psychiat., Chic., 1934, 32: 350-8.—Ranitzsch, S. Schrift-nachahmung zum Zweck der Verurteilung einer Unschuldigen. Arch. Krim., 1939, 104: 225-30.—Ruml, W. Ähnliche Handschriften. Ibid., 1935, 97: 38-44, 2 pl.—Bleistift- und Tintenstift-Schriftuntersuchungen. Ibid., 1936, 98: 235-44, 2 pl.—Sannicé, C. Expertise d'un reçu dans une affaire de faux en écritures de commerce. Arch. med. leg. ident., Rio, 1936, 6: 174-87, pl.—Saudck, R. Experimentelle Graphologie. Arch. Krim., 1928, 83: 103-95, 63 pl.—Can different writers produce identical handwritings? Character & Personality, 1934, 2: 231-45.—Schneickert, H. Die Schriftvergleichung im Dreyfusprozess. Arch. Krim., 1924, 76: 31-46.—Locards Graphometrie. Ibid., 1928, 83: 101.—Zur Lehre von den primären und sekundären Schriftmerkmalen. Ibid., 1936, 96: 140-4.—Identifizierung von mechanisch hergestellten Schriftzeichen. Ibid., 99: 197-200.—Zur Frage der Vor- und Ausbildung der Schriftsachverständigen. Deut. Zschr. gerichtl. Med., 1936-37, 27: 364-71.—Seelig, E. Schriftverstellung und Schriftnachahmung; zugleich ein Beitrag zur Lehre der Familienschriften. Ibid., 1932, 19: 350.—Söderman, H. Die moderne Graphometrie; eine objektive Methode für Schriftexpertisen; die Affäre Martin; der Fall des Millionärs Bernain de Ravissi. Arch. Krim., 1928, 82: 165-77.—Spotti, L. Importanza della rilevazione grafologica nello studio del giudizio e condotta morale. Arch. gen. neur., Nocera, 1933, 14: 12-26.—Stein, E. W. Handwriting, typewriting and document expert testimony tested by its convincings. J. Am. Inst. Crim., 1930-31, 21: 330-8.—Steinitzer, H. Graphologie und Verbrechen. Zschr. Menschenk., 1929, 5: 180-8.—Studer, M. Expertise de l'écriture de la main gauche. Strasbourg méd., 1928, 88: pt 2, 316-25.—Türkel, S. Schrift, Schriftexpertise und Schriftexperten. Arch. med. leg., Lisb., 1932, 5: 293-355, 16 pl.—Wachholz, L., & Olbrycht, J. Forensische Bedeutung der Schriftveränderung durch Krankheit. Deut. Zschr. gerichtl. Med., 1929, 13: 303-9.

Medical diagnostic use.

PETITPIERRE, M. *Ueber den Antagonismus zwischen der parkinsonistischen Mikrographie

und der cerebellaren Megalographie [Basel] 21p. 8° Zür., 1925.

Also Schweiz. Arch. Neur. Psychiat., 1925-26, 17: 270-82.

POLLNOW, L. (geb. NEY) *Beitrag zur Schriftuntersuchung bei Schizophrenen [Königsberg i. Pr.] p.352-66. 8° Berl., 1927.

Also Arch. Psychiat., Berl., 1927, 80:

PROSKAUER, G. *Graphometrische Untersuchungen bei Gesunden, Schizophrenen und Manisch-Depressiven [Breslau] 13p. 8° Berl., 1936.

SIMON, A. Paragnose; Erkennung von Krankheiten aus der Handschrift. 206p. 4° [Hamb.] 1930.

STENGEL-BUCHHEIM, I. *Ueber die Verwendbarkeit graphologischer Untersuchungen in der Psychopathologie des Kindesalters [Berlin] 30p. 8° Lpz., 1929.

Bischler, W. Médecine et graphologie. Praxis, Bern, 1936, 25: 555-8.—Booth, G. C. The use of graphology in medicine. J. Nerv. Ment. Dis., 1937, 86: 674-9.—Clemmesen, C. Ein Fall von Dysmegalographia alternans. Acta psychiat. neur., Kbh., 1932, 7: 949-54.—Colucci, C. Contributo alla semeiotica della scrittura. Riv. pat. nerv., 1930, 35: 91-5.—Dana, C. L. The handwriting in nervous disease, with special reference to the signatures of William Shakespeare. Cornell Univ. M. Bull., 15: 3-11.—Delfino, V. Grafología y diagnóstico; el urodiagnóstico de la tuberculosis y el nuevo tratamiento derivado de la doctrina que le sirve de fundamento. Gac. méd. Caracas, 1931, 38: 1-3.—Flamm, H. Die Graphologie als diagnostischer Behelf. Wien. med. Wschr., 1935, 85: 1367.—Gies, P. Vergleichende Untersuchungen über die Handschriften von Schizophrenen und Psychopathen nach graphologischen Gesichtspunkten. Allg. Zschr. Psychiat., 1933, 100: 85-96.—Gilbert-Robin. Les troubles de l'écriture chez l'enfant épileptique. Clinique, Par., 1931, 26: 315.—Goroney, C. Ungeöhnliche Beobachtungen bei Linksschrift. Zschr. ges. Neur. Psychiat., 1932, 138: 316-9.—Gross, K., & Bauer-Chlumberg, M. Handschrift und Geisteskrankheit. Jahrb. Psychiat. Neur., 1937, 54: 312-29.—Haeberlin, C. Wissenschaftliche Graphologie und ihre Bedeutung für die Medizin. Deut. med. Wschr., 1928, 54: 535-7.—Handwriting, from the physicians' point of view. Physicians Times Mag., 1930, 2: 111; 137; 140.—Heinrich, A. Erkennung des Krankheitsstages aus der Handschrift. Umschau, 1937, 41: 3.—Jean-Sédan. Curieuse incidence ophtalmologique sur la graphologie. Rev. otoneur., Par., 1930, 14: 674-7.—Jores. Die Graphologie; ihre theoretischen Grundlagen und ihre praktische Auswertung für die Medizin. Klin. Wschr., 1927, 6: 1452.—Julliot, C. L. La graphologie et la médecine; technique des investigations graphologiques. Presse méd., 1934, 42: 1349; 1935, 43: 1341; 1936, 44: 1381.—Käfer, A. Veränderungen der Handschrift bei Auftreten bösartiger Neubildungen; vorläufige Mitteilung. Wien. med. Wschr., 1935, 85: 1308-10.—Karger, P. Untersuchungen an der Kinderschrift, ihre Ergebnisse und ihr klinischer Wert. Jahrb. Kinderh., 1930, 3. F., 78: 337-50.—Kaufman, I. [Handwriting of paralytics] Gyógyászat, 1932, 72: 605-7. Also Psychiat. neur. Wschr., 1933, 35: 517-20.—Kloos, G. Stellungnahme zum vorstehenden Aufsatz von L. Klages. Zschr. ges. Neur. Psychiat., 1938, 163: 583.—Legrün, A. Ueber die Handschrift vor einem neurotischen Anfall. Eos, Wien, 1926, 18: 136-40.—Ueber die Handschrift der Trinkerinder. Zschr. Kinderforsch., 1935-36, 45: 234-59.—Lewinson, T. S. Dynamic disturbances in the handwriting of psychotics; with reference to schizophrenic, paranoid and manic-depressive psychosis. Am. J. Psychiat., 1940-41, 97: 102-35.—Liebermann, T. [Graphology, and its position in medical science] Magy. orv. arch., 1913, u. f., 14: 277-307.—Mandowsky, A. Beiträge zur vergleichend-psychologischen Untersuchung über die Handschrift; physiognomische Untersuchungen über die Ausdrucksbewegung Geisteskranker unter besonderer Berücksichtigung der Schizophrenie. Arch. ges. Psychol., 1934, 91: 49-96.—Manes, G., & Manes, J. H. Krankheit und Handschrift. Med. Welt, 1937, 11: 773-5.—McNard, P. L'étude graphologique du refoulement. Bull. Soc. méd. Paris, 1934, 645-8.—Pessoa, A. Contribuição para o estudo do valor da grafometria. Arch. med. leg., Lisb., 1922, 1: 378-82.—Peter, H. Die Schriftanalyse im Dienste des Erbkrankengesetzes. Münch. med. Wschr., 1936, 83: 558-61.—Pollak, F. Ueber gleichsinnige Mitbewegungen beim Schreiben. Mschr. Psychiat., 1925, 59: 233-9.—Quinan, C. The time and lineage factors of hand-writing; an experimental study based on specimens secured from 200 normal persons and from 148 persons with dementia paralytica. Arch. Neur. Psychiat., Chic., 1931, 26: 333-45. Also repr.—Sadek, R. Zur psychodiagnostischen Ausdeutung des Schreibdrucks. Zschr. angew. Psychol., 1931, 39: 433-49.—Schenck, C. M. [Observations on graphology] Ned. tschr. geneesk., 1930, 74: 2522-41.—Schmoller, G., & Kroeber-Keneth, L. Grundsätzliches über Krankheit und Handschrift. Zschr. Menschenk., 1933, 9: 95-104.—Schrifver, J. [Handwriting and diseases] Ned. tschr. geneesk., 1935, 79: 4365-71.—Schulmann, A. Heilpädagogische Wertung von Schriftuntersuchungen an Sprachkranken. Zschr. Kinderforsch., 1933, 41: 439-44.—

Sédillot, J. Précis de graphologie pratique du Dr Camille Strelitzki. Bull. Soc. méd. Paris, 1936, 290-3.—Simonin, C. Micrographie parkinsonienne et analyse graphométrique; y a-t-il chez le parkinsonien micrographie désorganisée ou simple perturbation de l'automatisme graphique? J. méd. Lyon, 1930, 11: 367-9.—Strelitzki, C. Endocrino-graphologie. Hyg. ment., Par., 1930, 25: 202-6.—Unger, H. Geisteskrankheit und Handschrift. Zschr. ges. Neur. Psychiat., 1935, 152: 569-604.—Schriftveränderungen bei Krankheiten. Zschr. Menschenk., 1936-37, 12: 33-40.—Die Graphologie in der ärztlichen Praxis. Deut. Zschr. Nerven., 1937, 144: 267-76.—Vasilu, D. J. Les troubles de l'écriture au cours des végétations adénoïdes. Rev. otoneur., Par., 1930, 8: 531-4.—Wiener, E. Schriften von hypomanischen Zyklomen; ein weiterer Beitrag zur konstitutionellen Schriftbetrachtung. Zschr. Menschenk., 1935-36, 11: 39-52.—Ziegler, A. Ist die Graphologie von diagnostischer Bedeutung für den praktischen Arzt? Ibid., 1937-38, 13: 145-7.—Zietemann, A. Die Schrift des Kindes in der Hand des Kinderarztes. Kinderärztl. Prax., 1930, 1: 183-90.

— Methods, and technic of interpretation.

KLAGES, L. Handschrift und Charakter; gemeinverständlicher Abriss der graphologischen Technik. 14. und 15. Aufl. 260p. 8° Lpz., 1932.

Brunner, E. Die Identifizierung von Stenographieschriften. Zschr. Menschenk., 1929, 5: 101-17, 3 pl.—Bührg, W. Die Schrift in der Reklame. Ibid., 1938-39, 14: 146-8.—Graphologische Praxis; Grossschreibern. Ibid., 1939-40, 15: 81-6.—Carmena, M. Schreibdruck bei Zwillingen. Zschr. ges. Neur. Psychiat., 1935, 152: 19-24.—Emskat, A. Vom Ausdrucksgehalt der Gliederung. Zschr. Menschenk., 1938-39, 14: 63-74.—Fenz, E. Körperbau und Handschrift. Ibid., 1936-37, 12: 187-204.—Förster, M. Passagere Veränderungen in der Schrift. Ibid., 137-44.—Gerstner, H. Die Gleichförmigkeit der Handschrift als graphologisches Merkmal. Ibid., 1938-39, 14: 194-200.—Hartge, M. Von der absoluten Grösse und der absoluten Kleinheit der Schrift. Ibid., 1928-29, 4: 289-93.—Eine graphologische Untersuchungen von Handschriften einziiger und zweieiiger Zwillinge. Zschr. angew. Psychol., 1936, 50: 129-48.—Hegar, W. Zur Theorie der Regelmässigkeit mit besonderer Berücksichtigung der Zeilenverlagerung. Zschr. Menschenk., 1934-35, 10: 51-65.—Klages, L. Die religiöse Kurve in der Handschrift. Ibid., 1926-27, 2: H. 5, 1-8.—Langenbruch, H. Aus Studien zur Schriftvergleichung. Ibid., 1927-28, 3: 390-8.—Meloun, J. Objektive Kontrollmethoden in der Schriftpsychologie. Arch. ges. Psychol., 1929, 71: 357-68.—Mueller, B. Der Einfluss der Schreibgeschwindigkeit und des Schreibraumes auf die allgemeinen Schriftmerkmale. Deut. Zschr. gericht. Med., 1932-33, 20: 556-70.—Müller, W. Eine Deutung, falsch und richtig. Zschr. Menschenk., 1936-37, 12: 144-55.—Nagel, V. Graphologische Ahnenforschung. Ibid., 1937-38, 13: 77-86.—Analyse einer Pfarrerschrift. Ibid., 1938-39, 14: 201-7.—Ostermeyer, G. Graphologische Untersuchungen; über die Methoden der graphologischen Forschung. Zschr. angew. Psychol., 1937, 52: 1-6.—Sadek, R. The methods of graphology. Brit. J. Psychol., 1927, Sect. Med., 7: 221-59.—Scheffer, W. Mikroskopische Untersuchung von Bleistiftschriften. Umschau, 1926, 30: 36-8.—Schmidt, H. Die Handschrift eines Berufsstenographen. Zschr. Menschenk., 1937-38, 13: 30.—Schultze-Naumburg, B. Rasse und Handschrift. Volk & Rasse, 1934, 9: 311-8.—Silva Amaral, P. da. Determinação da sucessão relativa das linhas que se cruzam. Arq. Inst. med. leg., Rio, 1932, No. 4, 50-3.—Stracke, H. Ueber die Beeinflussung der Handschrift durch Ausführung einer Nebentätigkeit neben dem Schreibakt. Arch. ges. Psychol., 1933, 89: 109-38.—Unger, H. Die Bedeutung der Arkaden-Bindung. Zschr. Menschenk., 1937-38, 13: 21-9.—Wittlich, B. Rhythmus und Takt. Ibid., 1926-27, 2: H. 5, 48-50.—Wolf, H. A. Betrachtung über die inneren Vorgänge bei der Deutung einer Schrift. Ibid., 1934-35, 10: 125-9.—Zinke, H. Der Druck in der Handschrift. Zschr. angew. Psychol., 1939, 56: 217-27.—Der Verbundenheitsgrad in der Handschrift. Ibid., 1939-40, 58: 246-60.

— Psychological aspect.

GINGOLD, B. *Graphologie der Kinderschrift im Spielalter [Bonn] 17p. 8° Lpz., 1929.

KRAUSS, R. Ueber graphischen Ausdruck. 141p. 8° Lpz., 1930.

SAUDEK, R. The psychology of handwriting 288p. 8° Lond. [1925]

Alten, E. H. The psychology of handwriting and its importance to the physician. Med. Rec., N. Y., 1939, 150: 71-4.—Arroxellas Galvão, C. de. A mimica escrita e o ambientalismo. Arq. med. leg. ident., Rio, 1934, No. 8, 106-11, pl.—Cantril, H., & Rand, H. A. An additional study of the determination of personal interests by psychological and graphological methods. Character & Personality, 1934, 3: 72-8.—Allport, G. W. The determination of personal interests by psychological and graphological methods. Ibid., 1933, 1: 134-43.—Chentrier, T. La graphologie et l'enfant. Hyg. ment., Par., 1931, 26: 93-7.—Downey, J. E. The handwriting of introverts and extraverts. Sc. Papers Internat. Congr. Eugen. (1932) 1934, 3. Congr., 67-75.—Drope, D.

- Kritische Gedanken über Rorschach-Versuch und Handschriftenkunde. Arch. ges. Psychol., 1939, 104: 353-79.—**Eisenberg, P.** Judging expressive movement; judgments of sex and dominance-feeling from handwriting samples of dominant and non-dominant men and women. J. Appl. Psychol., 1938, 22: 480-6.—**Enke, W.** Handschrift und Charakter im exakten Versuch. Klin. Wschr., 1938, 17: 1624-7.—**Fanta, O.** Die Anwendung der Graphologie in der Angestelltenanalyse; die Zusammenarbeit des Graphologen mit dem Psychotechniker. C. rend. Conf. internat. psychotechn. (1934) 1935, 8. Conf., 689-94.—**Gernat, A.** Die Jung-schen psychologischen Typen in der Handschrift. Zschr. Menschenk., 1926-27, 2: H. 1, 32-8.—**Göttel, W.** Experimentelle Beiträge zur Untersuchung des schnellen und des gestörten Schreibaktes. Arch. ges. Psychol., 1933, 89: 291-370.—**Handwriting of American physicians.** Med. Life, 1934, 41: 245, 4 pl.—**Hartge, M.** Graphologie in der Pädagogik und Berufsberatung. Zschr. angew. Psychol., 1938, 54: 92-127.—**Harvey, O. L.** The measurement of handwriting considered as a form of expressive movement. Character & Personality, 1934, 2: 310-21.—**Hehlmann, W.** Handschrift und Erbecharakter. Zschr. angew. Psychol., 1938, 54: 128-37.—**Hocquart, E.** Die Kunst, den Geist und Charakter von Männern und Frauen aus ihrer Handschrift zu beurteilen. Zschr. Menschenk., 1928-29, 4: 351-77.—**Janet, P.** Psychologie et graphologie. Hyg. ment., Par., 1930, 25: 191-4.—**Karger, P.** Untersuchungen an der Kinderschrift; Veränderungen durch Ermüdung, Erholung und Konzentrationsschwäche. Med. Klin. Berl., 1931, 27: 1665-9.—**Klages, L.** Charakterbild aufgrund der Handschrift Erzberger. Zschr. Menschenk., 1925-26, 1: H. 3, 31-7. — Psychologische Hilfsmittel der Schriftvergleichung. Ibid., 1926-27, 2: H. 3, 35-42. — Ueber die sogenannte religiöse Kurve. Zschr. ges. Neur. Psychiat., 1938, 163: 575-82. — Die Grundlagen der Psychologie der Handschrift. Zschr. Menschenk., 1938-39, 14: 113-26.—**Kloos, G.** Ueber die sogenannte religiöse Kurve (Klages) kritischer Beitrag zur Ausdruckspsychologie der Handschrift. Zschr. ges. Neur. Psychiat., 1938, 162: 716-27.—**Koch, K.** Graphologische und psychotechnische Diagnostik (Untersuchungen an Zwillingsschwestern) Zschr. Menschenk., 1933, 9: 273-92.—**Krieger, P. L.** Rasse, Rhythmus und Schreibinnervation bei Jugendlichen und Erwachsenen. Zschr. pädag. Psychol., 1937, 38: 13-31. Also Volk & Rasse, 1937, 12: 49-58. — Artmerkmale an ausländischen Handschriftenproben unter rassenseelenkundlichem Gesichtspunkt. Zschr. Menschenk., 1935-36, 11: 95-109.—**Kröner, A. R.** Schreiben und Zittern als Ausdrucksbewegung der Hand. Arch. ges. Psychol., 1938, 100: 68-132.—**Legrün, A.** Vier eineige Zwillingspaare im Lichte ihrer Schrift. Zschr. menschl. Vererb., 1936, 20: 276-83, 4 pl. — Ueber die Handschrift von Geschwistern. Zschr. pädag. Psychol., 1936, 37: 151-8.—**Leibl, M.** Der Stimmungsausdruck in der Handschrift. Zschr. Menschenk., 1934-35, 10: 237-52.—**Mannheim, M. Y.** Graphology and character. Guy's Hosp. Gaz., Lond., 1937, 51: 210.—**Marum, O.** Die Sicherheit graphologischer Intelligenzbeurteilung; experimentell-psychologische Untersuchungen zur Intelligenzbeurteilung. Zschr. angew. Psychol., 1933, 44: 342-63.—**Meloun, J.** Handwriting measurement and personality tests. Character & Personality, 1934, 2: 322-30. — Does drawing skill show in handwriting? Ibid., 1934-35, 3: 194-213, pl.—**Middleton, W. C.** The ability of untrained subjects to judge dominance from handwriting samples. Psychol. Rec., 1939, 3: 227-38.—**Monterjaud, A. de.** Etudes psychologiques basées sur l'examen de l'écriture; Hector Berlioz. Rev. cosmobiol., Nice, 1934-35, 1: 102-5.—**Niederhöffer, E. von.** Pessimismus oder tragische Weltanschauung. Zschr. Menschenk., 1937-38, 14: 9-16.—**Offermann, H.** Der deutsche Standpunkt zur Tiefenpsychologie in der Graphologie. Ibid., 1939-40, 15: 31-4.—**Peter, H.** Suggestion und Handschrift. Ibid., 1936-37, 12: 84-92.—**Quinan, C.** Classification of school children by means of the handwriting speed factor. Arch. Neur. Psychiat., Chic., 1935, 34: 1172-4.—**Renthe-Fink, L. von.** Die Bedeutung der Graphologie für die psychologische Entwicklungsvoraussage. Zschr. Menschenk., 1939-40, 15: 76-81.—**Sandek, R.** Writing movements as indications of the writer's social behavior. J. Social Psychol., 1931, 2: 337-73.—**Schade, W.** Handschrift und Erbecharakter; eine Untersuchung bei Kindern und Jugendlichen. Zschr. angew. Psychol., 1939, 57: 303-81.—**Schönfeld, W.** Die graphologische Intelligenzbeurteilung. C. rend. Conf. internat. psychotechn. (1934) 1935, 8. Conf., 699.—**Steinitzer, H.** Zum Problem der Leistungsfähigkeit; Untersuchungen auf Grund der Handschriften von Hochalpinisten. Zschr. Menschenk., 1932-33, 8: 41-54.—**Sterzinger, O.** Die Beeinflussung der Handschrift durch gesteigerte Schreibgeschwindigkeit, Aerger und Verstellungslüge. Zschr. angew. Psychol., 1937, 52: 6-23.—**Tenwolde, H.** A comparison of the handwriting of pupils in certain elementary school grades now and yesterday. J. Appl. Psychol., 1934, 18: 437-42.—**Theiss, H.** Experimentelle Untersuchungen über die Erfassung des handschriftlichen Ausdrucks durch Laien. Psychol. Forsch., 1931, 15: 276-358.—**Tyrell, J. F.** The doctor's handwriting; a handwriting expert passes on the doctor's penmanship and finds it not so bad. Med. Searchlight, 1935, 11: No. 10, 20; 29. Also Memphis M. J., 1935, 10: 22; 31.—**Unger, H.** Lüge und Unwahrheit in der Handschrift. Zschr. angew. Psychol., 1931, 40: 1-22.—**Wagner, L.** Analyse der Handschrift Bismarcks. Zschr. Menschenk., 1925-26, 1: H. 3, 41-66. — Kriterien problematischen Selbstgefühls in der Handschrift. Ibid., 1934-35, 10: 179-93.—**Wittlich, M. B.** Die Handschrift der Begabten. Ibid., 1935-36, 11: 242-56.—**Wolff, W.** Das Unbewusste der Handschrift im Experiment. Umschau, 1936, 40: 541-5.
- Sex identification.
- JACOBY, H.** Handschrift und Sexualität, mit 223 Schriftproben. 140p. 8°. Berl. [1932]
- Broom, M. E., Thompson, B., & Bouton, M. T.** Sex differences in handwriting. J. Appl. Psychol., 1928-29, 12: 159-66.—**Downey, J. E.** Judgments on the sex of handwriting. Psychol. Rev., 1910, 17: 205-16.—**Newhall, S. M.** Sex differences in handwriting. J. Appl. Psychol., 1926-27, 10: 151-61.—**Tenwolde, H.** More on sex differences in handwriting. Ibid., 1934, 18: 705-10.—**Unger, H.** Weibliche oder männliche Schrift. Zschr. angew. Psychol., 1939-40, 58: 213-35.—**Wittlich, M. B.** Ein Beitrag zur Frage der Geschlechtsbestimmung nach der Handschrift. Zschr. Menschenk., 1927-28, 3: 42-5.—**Young, P. T.** Sex differences in handwriting. J. Appl. Psychol., 1931, 15: 486-98.
- GRAPHOSPASM.**
- See Cramp, writer's.
- GRAPOW, Hermann, 1885–** Ueber die anatomischen Kenntnisse der altägyptischen Aerzte. 30 p. l. [9]p. 8° Lpz., J. C. Hinrichs, 1935.
- GRAPPA, pseud.** Cicalamenti intorno al sonetto Poiché mia speme. 27 l. 12° Mantova, 1545.
- GRAPPIN, Henri, 1881–** Histoire de Pologne de ses origines à 1900. 168p. map. 8° Par., Rev. Pologne [1916]
- GRAS.**
- See Brisard, Charles, Fauquez & Gras. Echelle de gravité et taux des incapacités permanentes. 2. éd. 271p. 8° Par., 1935.
- GRAS, Marcel, 1910–** *La mastoïdite apicale externe; pseudo-mastoïdite de Bézold [Lyon] 73p. 25cm. Vienne, Martin & Ternet, 1939.
- GRAS, Pedro García.** *El movimiento biomecánico de los dientes en ortodoncia. 55p. illust. 8° Madr., J. Sánchez de Ocaña, 1932.
- GRAS, Pierre, 1911–** *Les accidents syphilo-tabétiques de l'avant-pied [Lyon] 77p. 5 pl. 25cm. Bourg, Berthod, 1937.
- GRASBERG, Eluzor Jakob, 1914–** *Etude statistique sur la placenta praevia; au cours des années 1934-36. 39p. 8° Lyon, Impr. A. Rey, 1937.
- GRASCHBERGER, Walter, 1908–** *Ueber einen Fall von Karzinosarkom der linken Gesichtseite. 31p. 8° Münch., V. Höfling, 1933.
- GRASEMANN, Paul.** An investigation on the reading of the blind. p.57-61. 22½cm. N. Y., Am. Found. Blind, 1932.
- In Touch reading of the blind (Bürklen, K.) 1932.
- GRASER, Viktor, 1911–** *Ueber einige, ungewöhnliche Verlaufsformen von myeloischer Leukämie und Aleukia hämorrhagica [Frankfurt] 40p. 21cm. Bottrop, W. Postberg, 1938.
- GRASER, Walther, 1913–** *Der Wert des Röntgenbildes in der Rhino-Laryngologie. 71p. 21cm. Münch., M. Schmidt & Söhne, 1937.
- GRASETT, Frederick Le Maitre, 1851-1930.** Obituary. Canad. M. Ass. J., 1930, 22: 594-6.
- GRASHEY, Lisa, 1901–** *Ueber die linksseitige Lage der Vena cava superior. 32p. 8° Münch., C. Wolf & Sohn, 1927.
- GRASHEY, Rudolf, 1876–** Atlas typischer Röntgenbilder vom normalen Menschen. 4. Aufl. viii, 236p. 129 pl. 4° Münch., J. F. Lehmann, 1923.
- Forms Bd 5 of Lehmanns med. Atlanten.
- Atlas chirurgisch-pathologischer Röntgenbilder. 3. Aufl. 243p. 81 pl. 8° Münch., J. F. Lehmann, 1931.

— Röntgentafeln: 1. Skelett (Ergänzung zu Atlas typischer Röntgenbilder vom normalen Menschen) 1 l. 29"x39." Münch., J. F. Lehmann, 1936.

See also **Hoffa, Albert**, & **Grashey, Rudolf**. Atlas und Grundriss der Verbände. 7. Aufl. 188p. 12? Münch., 1922.

Also editor of **Röntgenpraxis**: Beihefte zu Fortschritte auf dem Gebiete der Röntgenstrahlen. Lpz., v.1, 1929—

For Festschrift see Fortsch. Röntgenstrahl., 1936, 53: H. 3, portr.

For biography see Strahlentherapie, 1936, 55: 193, portr. (H. Meyer)

— & **HIRSCH, Paul**. Physikalische Methoden. xviii, p.[737]—1690, 8°. Berl., Urban & Schwarzenberg, 1928.

Forms Abt. 2, T. 2, Handb. biol. Arbeitsmeth. (E. Abderhalden)

GRASHUIS, Jan. *Insufficiënties van meelrantsen bij mestvarkens en enkele ziekteverschijnselen welke daarmede verband houden [Insufficient food rations in fattening of pigs, and some related pathological symptoms] [Utrecht] 1926p. 24½cm. Zehlem, H. T. Remmelink, 1932.

GRASNICK, Lieselotte, 1911— *Ueber extra- und intracerebrale Blutungen nach Ruptur von Aneurysmen der Basisarterien unter besonderer Berücksichtigung der formalen Genese der Hirnarterienaneurysmen. 24p. 23cm. Marb., J. A. Koch, 1936.

GRASP [and embrace] reflex.

See also **Hand, Reflexes; Infant, Behavior**.

Bieber, I. Grasping and sucking. J. Nerv. Ment. Dis., 1940, 91: 31–6.—**Bæff, N.** Le réflexe de préhension. Arch. internat. neur., Par., 1926, 19, ser., 1: 121–9.—**Dennis, W.** A psychologic interpretation of the persistence of the so-called Moro reflex. Am. J. Dis. Child., 1935, 50: 888–93.—**Floris, M.** Sul potere prensile del neonato. Riv. ital. gin., 1924–25, 3: 777–90.—**Gordon, M. B.** The Moro embrace reflex in infancy, its incidence and significance. Am. J. Dis. Child., 1929, 38: 26–34.—**Halverson, H. M.** Complications of the early grasping reactions. Psychol. Monogr., 1936, 47: No. 2, 47–63. Also J. Genet. Psychol., 1937, 51: 371–449.—**Hooker, D.** The origin of the grasping movement in man. Proc. Am. Philos. Soc., 1938, 79: 597–606.—**McGraw, M. B.** Suspension grasp behavior of the human infant. Am. J. Dis. Child., 1940, 60: 799–811.—**Pacella, B. L.**, & **Barrera, S. E.** Postural reflexes and grasp phenomena in infants. J. Neurophysiol., 1940, 3: 212–8.—**Punzo, G.** Sul meccanismo della prensione. Gazz. med. lombarda, 1912, 71: 107; 115; 122; 132; 140.—**Richter, C. P.** The grasp reflex of the new-born infant. Am. J. Dis. Child., 1934, 48: 327–32. — Integration of the grasp reflex. Tr. Am. Neur. Ass., 1938, 64: 218. — & **Paterson, A. S.** On the pharmacology of the grasp reflex. Brain, Lond., 1932, 55: 391.—**Schenk, V. W. D.** [Grasping movements of infants during the first month] Ned. tsschr. geneesk., 1933, 77: 2309–18.—**Schilder, P.** The relations between clinging and equilibrium. Internat. J. Psychoanal., Lond., 1939, 20: 58–63.—**Sittig, O.** Ueber die Greifreflex im Kindesalter. Med. Klin., Berl., 1932, 28: 934–6.—**Wagoner, L. C.** A note on the grasping reflex. Pedagog. Semin., Worcester, 1924, 31: 333–5.

pathological.

See also **Brain, Injury; Extrapyramidal system, Disease: Manifestations**.

SCHWARTZ, R. R. *Die topisch-diagnostische Bedeutung des Zwangsgreifens (grasping and groping) 17p. 23cm. Stetten-Basel, 1937.

Allen, I. M. On compulsive grasping, the grasp reflex, tonic innervation and associated phenomena. Med. J. Australia, 1939, 1: 717–27.—**Bieber, I.** Grasping and sucking. Arch. Neur. Psychiat., Chic., 1937, 37: 704–7. — Studies in the physiology of forced grasping. J. Mount Sinai Hosp. N. York, 1938–39, 5: 426–31. — Grasping, forced and non-forced. J. Nerv. Ment. Dis., 1940, 91: 417–22.—**Bremer, F. W.** Zur Bewertung des Zwangsgreifens. Arch. Psychiat., Berl., 1932, 96: 68–72.—**Curti, G.** Prensione forzata e fenomeni fisiologici di presa. Riv. pat. nerv., 1935, 46: 640–53.—**Davis, D. B.**, & **Currier, F. P.** Forced grasping and groping. Arch. Neur. Psychiat., Chic., 1931, 26: 600–7.—**Dide, M.**, & **Petit**. Contracture en flexion des mains dans les lésions préfrontales et réflexe de préhension forcée. Ann. méd. psychol., 1937, 95: 653–7.—**Eselevich, E. I.** [Clinical significance of grasping reflexes] Nevropat. psikiat., 1938, 7: No. 6, 75–86.—**Fulton, J. F.** Forced grasping and groping in relation to the

syndrome of the premotor area. Arch. Neur. Psychiat., Chic., 1934, 31: 221–35. — & **Dow, R. S.** Postural neck reflexes in the labyrinthectomized monkey and their effect on the grasp reflex. J. Neurophysiol., 1938, 1: 455–62.—**Kalinowski, L.** Prensione coatta e fenomeni affini. Riv. sper. freniat., 1939, 63: 197–228.—**Kennard, M. A.**, **Viets, H. R.**, & **Fulton, J. F.** The syndrome of the premotor cortex in man: impairment of skilled movements, forced grasping, spasticity, and vasomotor disturbance. Brain, Lond., 1934, 57: 69–84.—**Konovalov, N. V.** Zur Klinik und Pathophysiologie des Greifreflexes. Schweiz. Arch. Neur. Psychiat., 1934, 34: 280–98. — & **Novorassov, A. I.** [Reflex of grasping] Sovet. nevropat., 1933, 2: 1–19.—**Kovalev, E. N.** [The grasping reflex] Sovet. psikhonevr., 1933, 9: 52–6.—**Mankovsky, B. N.** [Grasping phenomena and their clinical importance] Sovet. nevropat., 1933, 2: 110–27.—**Monrad-Krohn, G. H.** False sign of forced grasping and groping; a contribution to semiologic interpretation. Acta chir. scand., 1939, 82: 147–50.—**Tabiner, A. M.** On the significance of panic and states of consciousness in grasping movements. Tr. Am. Neur. Ass., 1934, 60: 184–7. Also Arch. Neur. Psychiat., Chic., 1935, 33: 976–85.—**Rajca, S.** [Forced grasping] Polska gaz. lek., 1933, 12: 339; 353.—**Schlesinger, B.** Forced grasping and disturbances of attention. J. Ment. Sc., Lond., 1940, 86: 827–38.—**Sittig, O.** Zur Physiologie und Pathologie der Greifreflexe. Deut. Zschr. Nervenhe., 1933, 130: 22–4.—**Spagnoli, B.** Sul significato semiologico dei così detti riflessi di afferramento. Cervello, 1935, 15: 283.—**Stern, K.** Ueber ein eigenartiges Reflexphänomen bei einem Kranken mit multiplen Hirnblutungen (Greif-Saug-Reflex) Zschr. ges. Neur. Psychiat., 1932–33, 143: 605–11.—**Stewart-Wallace, A. M.** The grasp reflex in a hand with no power of voluntary closure. Proc. R. Soc. M., Lond., 1937–38, 31: 720. — An unusual case of the grasp reflex, with some observations on the volitional and reflex components. J. Neur. Psychiat., Lond., 1939, n. ser., 2: 149–53.—**Stief, S.** [Pathology of grasping and some allied phenomena] Orvosképzés, 1932, 22: 466–80. 3 pl.—**Viets, H. R.** Forced grasping in man and its localizing significance. N. England J. M., 1934, 210: 675–8.—**Walshe, F. M. R.**, & **Hunt, J. H.** Further observations upon grasping movements and reflex tonic grasping. Brain, Lond., 1936, 59: pt 3, 315–23.—**Zito, E.** Sul valore del riflesso di prensione (Janicewsky) per la localizzazione delle lesioni dei lobi frontali. Policlinico, 1934, 41: sez. med., 736–47.

in animals.

See also **Coitus; Sex life**.

Finan, J. L. A note on prehension in a captive orang-utan. J. Genet. Psychol., 1939, 55: 435–7.—**Fulton, J. F.**, **Jacobsen, C. F.**, & **Kennard, Margaret A.** A note concerning the relation of the frontal lobes to posture and forced grasping in monkeys. Brain, Lond., 1932, 55: pt 4, 524–36.—**Kahn, R. H.** Bemerkungen zu der Arbeit Muskeltonus und Aktionsstrom im Umklammerungsreflex von R. Wagner. Zschr. Biol., 1924–25, 82: 569.—**Lindeboom, G. C.** Contribution à l'étude du réflexe d'étreinte. Arch. néerl. physiol., 1927–28, 12: 424–32.—**Lullies, H.** Der Mechanismus des Umklammerungsreflexes. Arch. ges. Physiol., 1926, 214: 416–20.—**McCulloch, T. L.** The role of clasping activity in adaptive behavior of the infant chimpanzee; delayed response. J. Psychol., Provincet., 1939, 7: 283–92. — The role of clasping activity in adaptive behavior of the infant chimpanzee; visual discrimination. Ibid., 293–304.—**Pourbaix, N.** Remarques sur la préhension chez les spongiaires. Ann. Soc. sc. méd. natur. Bruxelles, 1934, 32–46.—**Richter, C. P.** The grasping reflex in the new-born monkey. Arch. Neur. Psychiat., Chic., 1931, 26: 784–90. — & **Hines, M.** The production of the grasp reflex in adult macaques by experimental frontal lobe lesions. Proc. Ass. Res. Nerv. Ment. Dis., 1934, 13: 211–24.—**Ufland, I. M.** Die Reflexerregbarkeit des Frosches während des Umklammerungsreflexes. Arch. ges. Physiol., 1928–29, 221: 605–22.—**Wagner, R.** Erwiderung auf die Bemerkungen R. H. Kahns zu der Arbeit, Muskeltonus und Aktionsstrom im Umklammerungsreflex. Zschr. Biol., 1924–25, 82: 571.

GRASS, Hilda, 1905— *Mutter- und Gefäßmale (Naevi materni et vasculosi) ihre Behandlungsmethoden und deren Erfolge auf Grund der vorliegenden Literatur. 62p. 8°. Beuel-Bonn, H. E. Medinger, 1933.

GRASS.

See **Gramineae**.

GRASER, Ernst, 1860–1929.

Friedrich, H. Nekrolog. Deut. med. Wschr., 1930, 56: 152.—**Haas, W.** Nekrolog. Deut. Zschr. Chir., 1930, 229: p. i–viii, portr.—**Krecke, A.** [Biography] Münch. med. Wschr., 1929, 76: 542–4.

GRASSBERGER, Roland, 1867—

Editor of *Abhandlungen aus dem Gesamtgebiete der Hygiene*. Berl., H.10–11, 1932; H.21–22, 1936.

— & **LUSZCZAK, A.** Die Verhütung von Unfällen im Betriebe von Schwefelbädern. 2 p. l. 82p. 8° Berl., Urban & Schwarzenberg, 1932.

Forms Heft 11, Abh. Hyg. (R. Grassberger)

GRASSBERGER'S bacillus.

Dmitrevskaia, N. A. [Variability of bacteriological characteristics of Grassberger's B.] Mikrobiologia, Moskva, 1936, 5: 77-81.

GRASSE, Pierre P. Parasites et parasitisme. 224p. illust. 16° Par., A. Colin, 1935.

GRASSER, Carl Hans. *Un cas de gangrène gazeuse de l'utérus post abortum provocatum. 29p. 8° Lausanne, Winterthour, 1934.

GRASSER, Erhard, 1906— *Die Epi-physenlösungen beim Sport mit besonderer Berücksichtigung des Abrisses des Trochanter minor. 36p. pl. 8° Münch., Hueber [1932]

GRASSER, Eugène Léon, 1905— *L'ascaridiase du cheval et ses complications [Alfort] 64p. 8° Par., Commerce des idées, 1929.

GRASSER, Karl, 1900— *Ein Fall von Fibrom der Pia mater. 15p. 8° Erlangen, Müller, 1926.

GRASSET, E. La prophylaxie des infections typhiques par l'endo-anatoxine typhique: son application en pédiatrie préventive. 20p. 8° Rome, Ass. Internat. Péd. Prév., 1937.

— Diphtheria immunisation. 15p. 8° Lond., Off. R. San. Inst., 1936.

— & **ZOUTENDYK, A.** Immunological studies in reptiles and their relation to aspects of immunity in higher animals. p.377-460. 8° Johannesburg, 1931.

Forms No. 28, Pub. S. Afr. Inst. M. Res.

GRASSET, Edmond, 1896— *Les œufs congelés; importance; étude bactériologique; contrôle sanitaire [Alfort] 64p. 8° Par., Masson & cie, 1929.

GRASSET, Jacques, 1899— *Fonctionnement de la Maternité Baudelocque. 139p. 8° Par., A. Legrand, 1929.

GRASSET, Jacques Anatole Franck William, 1905— *Contribution à l'étude du traitement et de la prophylaxie des perforations utérines au cours du curettage post abortum et de l'avortement thérapeutique. 203p. 8° Par., V. Degrange, 1937.

GRASSET, Jacques Désiré Lucien, 1909— *Le cholépéritoine hydatique. 127p. 24cm. Par., Le François, 1939.

GRASSET, Jean, 1908— *Etat du système cardio-vasculaire dans les cirrhoses éthyliques du foie; contribution à l'étude des troubles cardiaques d'origine alcoolique. 112p. 8° Lyon, M. & L. Riou, 1937.

GRASSET, Joseph, 1849-1918.

BEHOIST, RAUZIER [et al.] Hommage au Professeur Grasset. 80p. 8° Montpel., 1912.

Inauguration du monument au professeur Grasset. Presse méd., 1929, 37: 1583.—**Roger, H.** Deux anecdotes sur Grasset. Progr. méd., Par., 1926, 41: 1487. — Le professeur Grasset, sa vie et son œuvre. Rev. gén. clin. théor., 1926, 40: annexe, p. medxi-medxxxvii.

— & **RIMBAUD, Louis.** Diagnostic des maladies de l'encéphale siège des lésions. 3. éd. 96p. 12° Par., J. B. Baillière & fils, 1918.

GRASSHOPPER.

See Locustidae; Orthoptera.

GRASSI, Benvenuto. De oculis eorumque aegritudinibus et curis. 34 l. sm. 4° [Ferrara, Severinus de Ferrara, 1474]

— De oculis eorumque egritudinibus et curis; translated with notes and illustrations from the

first edition, Ferrara, 1474 A. D. by Casey A. Wood. xiii, 101p. 8° Stanford Univ., Calif., Stanford Univ. Press, 1929.

See also **Petella, G.** Un oculista del XII secolo aggregato alla scuola medica di Salerno. Ann. ottalm., 1925, 53: 413-27.—**Scalinci, N.** Questioni biografiche su Benvenuto Grassi jerosolimitano. Rass. clin. ter., 1935, 34: Suppl., 190, passim.

— Benvenuto Grasso (o Grafeo) e l'oftalmiatria della Scuola Salernitana. Riv. stor. sc. med., 1931, 22: 399-416.

— Le caratteristiche culturali dell'opera di Benvenuto Grasso, medico-oculista salernitano. Ibid., 1936, 27: 424-8.

GRASSI, Giovanni Battista, 1854-1925. Alcuni cenni sulla morfologia animale. p. l. 51p. illust. 8° Roma, G. Bardi, 1920.

— Nuovo orizzonte nella lotta antimalarica (memoria preliminare) 45p. 8° Roma, G. Bardi, 1921.

See also **Fedele, M.** L'opera e gli insegnamenti di Giovanni Battista Grassi. Boll. Soc. natur. Napoli (1926) 1927, 2. ser., 18: 59-93, portr.—Il testamento scientifico di B. Grassi 1854-1925) i risultati ottenuti dalla lotta antimalarica dopo la scoperta dell'anofele malarifero. Illust. med. ital., 1926, 8: 182, portr.—**Janicki, C.** Giovanni Battista Grassi; ein grosser Zoologe und Parasitologe Italiens. Naturwissenschaften, 1926, 14: 225; 261.

For biography see Arch. stor. sc., Roma, 1925, 6: 194-6 (G. Montalenti) Also Clin. vet., Milano (1926) 1927, 2. ser., 18: 59-93, portr.—Also Internat. Rev. Hydrol., Lpz., 1925, 13: 117-24 (U. D'Ancona) Also Rass. clin. ter., 1925, 5: 194. Also Rev. méd. Barcelona, 1925, 2. ser., 3: 494-6 (G. Pittaluga) Also Ricer. morf., 1927, 7: 1-15, portr. (G. Cotronei) Also Riv. biol., 1935, 19: 126-69, portr. (A. Pazzini, & M. Federle)

— & **SELLA, M.** Seconda relazione della lotta antimalarica a fiumicino (Roma) vii, 314p. 10 pl. diagr. 8° Roma, G. Bardi, 1920.

GRASSI, Marcel, 1908— *Deux cents cas de tuberculose pulmonaire traités par la chrysothérapie. 52p. 25cm. Marseille, M. Leconte, 1934.

GRASSI [Wolfgang] Ludwig, 1906— *Symmetrische Anomalien der Zähne [Erlangen] 20p. 8° Kallmünz, M. Lassleben, 1931.

GRASSICK, James, 1850— North Dakota medicine, sketches and abstracts. 378p. 37 portr. 8° [Grand Forks] N. Dakota M. Ass., 1926.

GRASS-ILL.

See Braxy.

GRASSL, Alfons, 1907— *Folgezustände der mechanischen Abtreibungen und Abtreibungsversuche in gerichtsarztlicher Beleuchtung [Münster] 37p. 21cm. Bottrop, W. Postberg, 1936.

GRASSL, Erich. Die Willensschwäche; gleichzeitig ein Beitrag zur Theorie des Willens, der Willensentwicklung und Willenserziehung. 254p. 8° Lpz., J. A. Barth, 1937.

Forms Beiheft 77, Zschr. angew. Psychol.

GRASSL, Josef, 1858— **Kolb, O.** [Biography] Münch. med. Wschr., 1928, 75: 1641.

GRASSL, Joseph, 1885— *Beiträge zu den Täuschungsmöglichkeiten in der zahnärztlichen Röntgenologie. p.1041-63. 8° Berl., J. Springer, 1929.

Also Deut. Mschr. Zahnhe., 1929, 47:

GRASSMANN, Karl, 1867— **Bergeat, H.** [Biography] Münch. med. Wschr., 1933, 80: 855, portr.

For portrait, photograph, see collection in library.

GRASSMANN, Wolfgang. See Bertho, A., & Grassmann, W. Laboratory methods of biochemistry. 281p. 22½cm. Lond., 1938.

GRASSMUECK, Elise, 1901— *Vergleichende Untersuchungen über die Wirkung durch Hitze und Yatren abgetöteter Ruhr-Vaccins. p.232-43. 8° Lpz., A. Edelmann, 1928.

Also Zbl. Bakt., 1929, I. Abt., 112:

GRASS sickness.

See also **Botulism**; **Encephalomyelitis, equine**; **Horse, Disease**.

Begg, G. W. Grass disease in horses. *Vet. Rec., Lond.*, 1936, 16: 635-62.—**Brownlee, A.** Grass disease of horses and game preservation; their possible correlation; an hypothesis and an appeal. *Ibid.*, 1939, 51: 1404-7.—**Dawes, H. W.** A case of chronic grass sickness in the Midlands. *Ibid.*, 1928, 8: 462-4.—**Holman, H. H.** A haematological study of horses suffering from grass sickness. *Ibid.*, 1940, 52: 195-200.—**Lornie, W. S.** Grass disease in horses; grass fever, etc. *Vet. J., Lond.*, 1927, 83: 350-4.—**Pool, W. A.** Grass disease in horses. *Vet. Rec., Lond.*, 1928, 8: 23-30.—**Stewart, J., Gordon, W. S., & McCallum, J. W.** Grass sickness in horses; biochemical investigation. *Ibid.*, 1940, 52: 237-43.—**Walker, A. B.** The relation between grass disease of horses and botulism. *Brit. J. Exp. Path.*, 1929, 10: 352-60.—**Wallace, E.** Suspected grass sickness. *Vet. Rec., Lond.*, 1940, 52: 243.—**Wylie, A. M.** Grass disease in Essex. *Ibid.*, 1936, 16: 1018.

GRASS tetany.

See also **Tetany**—in animals.

Broersma, S. [Head disease (grass tetany)] *Tschr. diergeneesk.*, 1932, 59: 1003. — *Grastetanie en het gebruik van kunstmest in den landbouw. Ibid.*, 1933, 60: 68-71.—**Cartwright, C. W.** Grass tetany in sheep. *Vet. Rec., Lond.*, 1937, 17: 662-5.—**Détrez.** Tétanie d'herbage et maladie du chemin de fer. *Rec. méd. vét.*, 1933, 109: 144-9.—**Godet.** La tétanie d'herbage. *Ibid.*, 1932, 108: 737-9.—**Götze, R.** Ueber die Grastetanie und andere Formen der Tetanie beim Rind. *Deut. tierärztl. Wschr.*, 1931, 39: 209-13.—**Hopkirk, C. S. M., Marshall, D., & Blake, T. A.** Grass tetany of dairy cows. *Vet. Rec., Lond.*, 1933, 13: 355-61.—**Jonker, B.** [Head disease; grass tetany; eclampsia in cattle; conformity with puerperal paresis and acetonaemia] *Tschr. diergeneesk.*, 1936, 63: 177; 264.—**Kuipers, K. R.** Kopziekte (Grastetanie). *Ibid.*, 1933, 60: 1-6.—**Metzger, H. J.** A case of tetany with hypomagnesaemia in a dairy cow. *Cornell Vet.*, 1936, 26: 353-6.—**Moine, G.** La tétanie chez les jeunes bovidés. *Rec. méd. vét.*, 1936, 112: 397-404.—**Moutaux.** Lésions des surrénales dans 2 cas de tétanie d'herbage; considérations pathogéniques. *Ibid.*, 1939, 115: 220-5.—**Pertovsky, A. S.** [Valuation of results in treatment of grave tetany with heterogenic grafting of bone and parathyroid glands of a bull] *Vest. khir.*, 1932, 27: 88-95.—**Sjollema, B.** Untersuchungen über die Ursachen der Grastetanie und der grossen Frequenzzunahme dieser Krankheit. *Deut. tierärztl. Wschr.*, 1932, 40: 225; 245. — [Causes of grass tetany] *Tschr. diergeneesk.*, 1932, 59: 57; 329. — [Is A. T. 10, an appropriate remedy for relapses of tetany and puerperal paresis in cows, and is it suitable for the cure of severer cases of these syndromes] *Ibid.*, 1934, 61: 927-9. — [Tetany in calves] *Ibid.*, 1935, 62: 343-53. Also *Vet. J., Lond.*, 1935, 91: 132-7. — & **Seekles, L.** Ueber die Abhängigkeit der neuromuskulären Reizbarkeit (Erbsches Phänomen) vom Ca/P-Verhältnis der Nahrung. *Acta brev. neerl.*, 1931, 1: 168-70. — Untersuchungen über die Aetiologie der Grastetanie; der Einfluss einer Aufnahme von grösseren Mengen Eiweisskörper. *Arch. wiss. prakt. Tierh.*, 1933, 66: 60-9. — Versuche über die allergische Reaktion der Haut bei Rindern und über Sensibilisierung von Kaninchen gegenüber den eiweissfreien Bestandteilen des jungen Grases. *Ibid.*, 1934, 68: 215.

GRASSUS, Benevenuto.

See **Grassi, Benvenuto**.

GRATECOS, Marcel, 1910— *La paralysie du nerf facial chez le chien. 138p. 8° Lyon, Bosc frères, 1935.

GRATIA, Gustave, 1855-1939.

Rubay, P. *Necrologia. Bull. Acad. méd. Belgique*, 1939, 6. sér., 4: 262-72, port.

GRATIA Dei, Johannes Baptista [Asculanus] —1341. *Quaestiones [in libros physicorum Aristotelis] in studio Patavino disputatae.* 43 l. fol. Venezia, Antonius de Regio, April 30, 1484.

GRATIANUS, Franciscus, ca. 1150. *Decretum cum apparatu Bartholomaei Brixiensis [ed. Gysbertus de Stoutenburg]* 524 l. 4°. Venezia, Adam de Rottweil, 1480.

GRATIER, Jean, 1909— *Incision de Wilde. 51p. 8° Par., Le François, 1935.

GRATIOLEA.

See also **Scrophulariaceae**.

Krug, J. *Pharmakognostische Untersuchungen über *Gratiola officinalis* L. 42p. 30 tab. 8° Brnschw., 1935.

Botanique médicale et toxicologique; Gratiola officinalis. *Gaz. san., Par.*, 1836, 6: 262-4, pl.

GRATIOLET'S radiation.

See **Thalamus**; **Vision**.

GRATION, Hilda M. *Aids to gynaecological nursing.* xii, 160p. illust. 17cm. Lond., Baillière, Tindall & Cox, 1939.

See also **Raeburn, J. K., Raeburn, H. A., & Gration, H. M.** *Anatomy, physiology and hygiene.* 339p. 20cm. Lond., 1940.

GRATIOT, Pierre, 1899— *Contribution à l'étude de la maladie de Friedreich. 64p. 8° Par., M. Vigné, 1927.

GRATUSBAINA.

Gara, P. de. *Klinische Beobachtungen über die Therapie der Herzkrankheiten mit Gratusbaina und mit Gratusbainose.* *Med. Welt*, 1936, 10: 1296. Also *Pensiero med.*, 1936, 25: 12-17.

GRATZ, Gustav Adolf, 1908— *Dijodtyrosin- und Röntgentherapie-Ergebnisse bei Thyreotoxikosen. 31p. 22cm. Königsb. Pr., J. Raabe, 1935.

GRATZ, Kurt, 1908— *Die Trigeminus-Neuralgien (Behandlungen und Erfolge der Fälle von 1918-32 an der Greifswalder chirurgischen Klinik) 36p. 8° Greifsw., Adler, 1934.

GRATZ, Leni [geb. Borchers] 1909— *Ueber Kalkmilchgalle. 19p. 22cm. Königsb. Pr., J. Raabe, 1935.

GRAU, Eberhard, 1905— *Zur Biologie und Klinik der Askarisinfektion [Berlin] 27p. roy. 8° [Wien, C. Reisser] 1931.

GRAU, Hans, 1878-1926. **Schulte-Tigges, H.** *Nekrolog. Zschr. Tuberk.*, 1927, 47: 40.

GRAU, Hugo.

See **Baum, Hermann, & Grau, Hugo.** *Das Lymphgefässsystem des Schweines.* 162p. roy. 8° Berl., 1938.

GRAU, Maurice Joseph, 1911— *L'exploration radiologique de la plèvre par substances de contraste. 120p. pl. 25½cm. Nancy, G. Thomas, 1934.

GRAU, R. *Wachse, Harze, ätherische Öle und Fruchttäher.* p.759-852. 25½cm. Berl., J. Springer, 1939.

In *Handb. Lebensmittelchem. (J. Grossfeld)* Bd 4.

GRAU, Rolf, 1910— *Ueber die Einwirkung der Kronenringe auf das marginale Parodontium; histologische Untersuchungen von Brückenkiefern [Berlin] 47p. 8° Charlottenb., K. & R. Hoffmann, 1937.

GRAUBARD, Mark Aaron, 1904— *Genetics and the social order.* 127p. illust. diags. 8° N. Y., Tomorrow Pub., 1935.

— *Biology and human behavior.* 413p. illust. diags. 8° N. Y., Tomorrow Pub., 1936.

— *Man the slave and master; a biological approach to the potentialities of modern society.* 5 p. l. 354p. 24½cm. N. Y., Covici, Friede [1938]

GRAUBNER, Friedrich, 1896— *Ueberseeische Ankylostomiasis im Tropengenesungsheim Tübingen. 27p. 8° Tüb., E. Göbel, 1932.

GRAUBNER, Friedrich [Hans Gustav Ferdinand] 1910— *Ueber den varikösen Symptomenkomplex vom militärärztlichen Standpunkt aus [Berlin] 25p. 8° Bautzen, Gebr. Müller, 1938.

GRAUBNER, Heinz [Edgar] 1913— *Das Drehen von Zähnen; eine Kritik der hierzu verwandten orthopädischen Apparate. 31p. 8° Lpz., A. Edelmann, 1937.

GRAUBNER [Karl] Walther, 1901— *Studien über die Wirkung des Salizyls und des Coffeins auf den Säure-Basenhaushalt des Gesunden als Grundlage für die Wirkungsweise von

Kombinationspulvern [München] 28p. 8° Lpz., F. C. W. Vogel, 1926.

GRAUDEGUS, Heinz, 1912— *Zur Frage: Vitalbelassung oder Devitalisation der Pulpen bei Kronen- und Brückenarbeiten. 46p. 22cm. Berl., F. Linke, 1936.

GRAUER, Charlotte, 1910— *Bericht über zwei Fälle von Colitis ulcerosa im Kindesalter. 16p. 22½cm. Heidelb., J. Hörning, 1936.

GRAUER, Fritz Julius, 1907— *Zur Frage der unspezifischen Wirksamkeit des Diphtherieheilserums. 14p. 8° Würzb., C. J. Becker, 1935.

GRAUER, Henri, 1907— *Du traitement de l'érysipèle chez le nouveau-né, en particulier par les badigeonnages au nitrate d'argent. 40p. 8° Par., Impr. Studio, 1933.

GRAUERHOLZ, Hermann [Albert Friedrich] 1900— *Melanosis oculi. 24p. 8° Münch. [n. pub.] 1926.

GRAUL [Gustav Hermann Richard] Heinz, 1909— *Ueber einen Fall von juveniler Apoplexie, Arteriosklerose und Nierenleiden. 17p. 23½cm. Lpz., E. Hedrich, 1936.

GRAUL, Wilhelm, 1897— *Ueber das Vorkommen von Wachstumshormonen in der Plazenta [Göttingen] 19p. 8° Duderstadt, G. Hövener, 1933.

GRAUMANN, Gerhard, 1905— *Die Geschichte der abdominalen Schnittentbindung, dargestellt auf Grund ihrer Anwendung an der Universitäts-Frauenklinik in Göttingen [Göttingen] 29p. 8° Northem, W. A. Röhrs, 1931.

GRAUNKE, Ulrich, 1910— *Ueber die Erfolge der Tubendurchblasung und der Hysterosalpingographie, der Salpingostomie, der Eileiter-einpflanzung und der Verlagerung des Ovars in den Uterus als operative Eingriffe an Tuben und Ovarien bei der weiblichen Sterilität. 72p. 8° Rostock, C. Hinstorff, 1936.

GRAUPEAUD, Yvette Georgette Cécile, 1908— *Contribution à l'étude analytique de la lipémie et de la cholestérolémie. 70p. 25cm. Bord., J. Bière, 1934.

GRAUPNER [Ernst] Herbert, 1908— *Ueber die Morphologie der Blutplättchen bei Blutkrankheiten. 27p. 8° Lpz., A. Edelmann, 1935.

GRAUPNER, Heinz. Haltung und Aufzucht von Süßwasserbryozoen. p.1419-23. 8° Berl., 1936.

In Handb. biol. Arbeitsmeth. (E. Abderhalden) Berl., 1936, 9: pt 2.

GRAUPNER, Walter, 1912— *Beiträge zur Scharlach-Otitis. 23p. 8° Frankf. a. M. [n. pub.] 1937.

GRAUPNER, Werner, 1913— *Die Strahlenbehandlung der Lymphogranulomatose [Leipzig] 29p. 8° Zeulenroda, A. Oberreuter, 1937.

GRAUR, Jancou, 1908— *Quelques considérations sur l'étiologie et la prophylaxie de l'aeoeuement prématuré. 43p. 8° Par., L. Rodstein, 1935.

GRAUS, Adolf, 1908— *Ueber embryonale Adenosarkome und primäre Sarkome der Niere [Kiel] 26p. 8° Bochum, H. Pöppinghaus, 1934.

GRAUSS, Herbert, 1899— *Schillingsches Haemogramm und Arnethsches qualitatives Blutbild; ein kritischer Vergleich am Beispiel der Tuberkulose. 31p. tab. 8° Berl., E. Ebering, 1931.

GRAUZAM, Albin, 1909— *Contribution à l'étude physiopathologique et thérapeutique des atrophies vaginales secondaires à la disposition de la fonction ovarienne. 60p. 8° Par., Jouve & cie, 1935.

GRAVE, Heinrich, 1910— *Die Reizzustände der Tonsillen und ihre Bedeutung. 26p. 8° Rostock, G. Neumann, 1934.

GRAVE, Walter, 1900— *Ueber Cataracta electrica. 22p. 8° Berl., E. Ebering, 1926.

GRAVE-DIGGER.

Edwards, P. W. Silicosis in a grave-digger. Lancet, Lond., 1931, 1: 1238.

's **GRAVENHAGE**. L'Institut international de statistique. Bulletin. Gravenh., v.27, 1934—

's **GRAVENHAGE**. Statistisch Bureau. Maand-eijfers. Gravenh., v.6, 1919—

GRAVENHORST, Hartwig. Der Tod im Wasser als versicherungsrechtliches Problem. 37p. 8° Berl., F. C. W. Vogel, 1937.

Forms H. 20, Heft Unfallh.

GRAVENHORST, Rudolf, 1911— *Die histochemische Lokalisation des normalen Bleis in Zähnen und Kieferknochen des Schafes. 15p. 8° Lpz., A. Edelmann, 1937.

GRAVERON, Maurice, 1913— *Traitement des anémies graves par des extraits gastriques injectables. 71p. 24cm. Par., A. Legrand, 1939.

GRAVERT, Lisa, 1906— *Zur Diagnostik der Schläfenlappentumoren. 30p. 23½cm. Kiel, A. C. Ehlers, 1937.

GRAVES, Basil. Microscopy of the living eye. p.31-87. 20½cm. Lond., J. & A. Churehill, 1931.

In Recent advances in microscopy (A. Piney) 1931.

GRAVES, Carlton H.

See Medical searchlight. Phila., v.1, 1925-34.

GRAVES, John W. An outline of pharmacology. 59p. 23cm. [Bloomington] Indiana Univ. School Dent., 1937.

GRAVES, Lulu Grace, 1874— Foods in health and disease. ix, 390p. 6 pl. 8° N. Y., Macmillan Co., 1932.

— & **TABER, C. W.** A dictionary of food and nutrition. 423p. 18cm. Phila., F. A. Davis, 1938.

GRAVES, Ralph Henry, 1878— The triumph of an idea; the story of Henry Ford. 4 p. l. 184p. illust. portr. 8° N. Y., Doubleday, Doran & Co., 1934.

GRAVES, Robert James, 1796-1853.

[Biography] J. Organother., 1931, 15: 276.—Stellhorn, C. E. [Biography] Am. J. Surg., 1935, 28: 183-9.

GRAVES, Stuart.

See Walter, Will, & Graves, Stuart. A half century of Nu Sigma Nu, 1882-1932. 2v. 1851p. 8° [Louisville, Ky., 1935]

GRAVES, William H. Banish constipation; a layman's guide. 235p. 8° Los Ang. [1930]

GRAVES, William P[hillips] 1870-1933. Gynecology. 4. ed. p. l. 1016p. roy. 8° Phila., W. B. Saunders Co., 1928.

— Female sex hormonology; a review. 2 p. l. 131p. 4 pl. 8° Phila., W. B. Saunders Co., 1931.

For biography see Am. J. Obst., 1933, 25: 317-19, portr. (F. A. Pemberton) Also Tr. Am. Gyn. Soc., 1933, 58: 307-10, portr.

GRAVES, William Washington, 1865— The age incidence of seapular types: its possible relation to longevity. 31p. 8° N. Y., Ass. Life Ins. M. Dir., 1924.

— The biological significance of inherited variations. 2 l. roy. 8°. S. Louis, S. Louis Univ. School M. [1936?]
Mimeographed.

See also **Proceedings** of the St. Louis Medical Society October 24, 1939, in awarding the certificate of merit and gold medal for scientific accomplishment to William Washington Graves. Week. Bull. S. Louis M. Soc., 1939, 34: No. 8, 3-14. Also repr.

GRAVES' disease.

See **Thyrotoxicosis**.

GRAVESEN, Johannes, 1889—Surgical treatment of pulmonary and pleural tuberculosis. xii, 155p. pl. 8°. Lond., J. Bale, Sons & Danielsson, 1925.

GRAVEYARD.

See **Burial place**.

GRAVIDINE.

See **Pregnant, Urine**.

GRAVIDITY.

See **Pregnancy**.

GRAVIER, Charles, 1865-1937.

Achard, C. Nécrologie. C. rend. Soc. biol., 1937, 126: 643.

GRAVITATION [and gravity]

See also **Weight**.

FREUNDLICH, E. The foundations of Einstein's theory of gravitation. 60p. 8°. Cambr., 1920.

Bowie, W. Isostasy. Bull. U. S. Nat. Res. Council, 1931, 78: 103-15. — The gravity anomaly an important factor in earth science. Science, 1940, 91: 158-60. — **Brown, E. W.** Gravitation in the solar system. Annual Rep. Bd. Regents Smithsonian Inst., 1933, 181-8. — **Browne, B. C., & Bullard, E. C.** Comparison of the acceleration due to gravity at the National laboratory, Teddington and the Bureau of Standards, Washington, D. C. Proc. R. Soc. Lond., ser. A, 1940, 175: 110-7. — **Einstein, A.** Ueber Gravitationswellen. Sitzber. Preuss. Akad. Wiss., 1918, 154-67. — **Koyré, A.** La loi de la chute des corps; Galilée et Descartes. Rev. philos. France, 1937, 123: 149-204. — **Lejay, P.** The general characters of the gravity in the Philippines. Bull. Nat. Res. Council Philippines, 1938, No. 20, 223-85, 2 pl. — **Mathews, A. P.** Gravitation considered as neutral magnetism due to motion of all matter in time. J. Phys. Chem., 1932, 36: 1738-43. — **Milne, E. A.** The inverse square law of gravitation. Proc. R. Soc. Lond., 1936, 156: 62-85. — **Odobleja, S.** [Role of gravitation in therapeutics] Rev. san. mil., Bucur., 1929, 28: 127-33. — **Solomon, J.** Gravitation et quanta. J. phys. radium, Par., 1938, 7, sér., 9: 479-85. — **Somigliana, C.** Il campo gravitazionale della terra. Scientia, Bologna, 1940, 67: 1-10.

GRAVITOL.

See also **Labor, Pharmacology; Phenol** [and derivatives] **Uterus, Pharmacology**.

Boer, S. de. Die vermeintliche Wirkung von Graviton auf das Flimmern einer Herzabteilung. Arch. internat. pharm. dyn., Par., 1937, 55: 262-4. — **De Meo, G.** Ricerche sull'azione ossitocica di un nuovo ecbolico: il Graviton. Arch. farm. sper., 1929, 47: 276-86. — **Eppinghausen, A., & Kempf, A.** Graviton, ein neues synthetisches Sekaleersatzmittel. Zbl. Gyn., 1928, 52: 2959-62. — **Käer, E., & Barkan, G.** Untersuchungen über Graviton. Arch. exp. Path., Berl., 1933, 170: 111-30. — **Kingisepp, G.** Ueber periphere Gefässwirkung des Gravitols, Ibid., 1934-35, 177: 587-9. — **Podkowa, R.** Erfahrungen mit dem neuen Wehenmittel Graviton. Deut. med. Wschr., 1929, 55: 1093. — **Tausch, M.** Erfahrungen über ein neues Uterinum: Graviton. Zbl. Gyn., 1928, 52: 3017-9.

GRAVITY [specific]

See also under names of bodies and substances; also **Weight**.

BAUERREISS, H. Zur Geschichte des spezifischen Gewichtes im Altertum und Mittelalter. 127p. 8°. Erlangen, 1914.

RACHOLD, R. *Experimentelle und kritische Untersuchung über das spezifische Gewicht menschlicher Gewebe und des ganzen Menschen [Würzburg] 23p. 8°. Köthen-Anhalt, 1931.

WÖRDEHOFF, P. *Kritische Untersuchungen über das Verfahren zur Bestimmung des spezifischen Gewichts am Lebenden. 21p. 8°. Würzb., 1931.

Areopichometro (L'). Gior. farm., Trieste, 1897, 2: 19. — **Barbour, H. G., & Hamilton, W. F.** The falling drop method for determining specific gravity. J. Biol. Chem., 1926, 69: 625-40. — The falling drop method for determining specific gravity; some clinical applications. J. Am. M. Ass., 1927, 88: 91-4. — **Batuecas, T., & Casado, F. L.** Pyknometrische Präzisionsmethode für Flüssigkeiten und feste Körper; Neubestimmung der Dichte bei 0° C von reinem Toluol, Kalkspat, Natriumchlorid, Magnesium und Aluminium. Zschr. phys. Chem., Abt. A, 1937-38, 181: 197-207. — **Belis, C. J.** A rapid method for determining specific gravity of body fluids by the falling drop principle. J. Lab. Clin. M., 1940-41, 26: 564-7. — **Borger, G.** Ein neues Aerometer zur raschen Ermittlung des spezifischen Gewichts von Flüssigkeiten. Münch. med. Wschr., 1930, 77: 2019. — **Boyd, E.** The specific gravity of the human body. Human Biol., 1933, 5: 646-72. — **Collander, R.** Eine vereinfachte Mikromethode zur Bestimmung des spezifischen Gewichtes von Flüssigkeiten. Protoplasma, Lpz., 1929-30, 8: 440-2. — **Detre, L.** Ueber eine Mikromethode der spezifischen Gewichtsbestimmung. Deut. med. Wschr., 1923, 49: 985. — **Fuller, H. A.** The other supreme law. Med. Times, Lond., 1936, 64: 189. — **Gicklhorn, J., & Nistler, A.** Eine einfache Mikromethode zur Bestimmung des spezifischen Gewichtes von Flüssigkeiten. Protoplasma, Lpz., 1929, 7: 323-31. — **Goske, Ein Universal-Pyknometer.** Zschr. Untersuch. Nahrungsmitt., 1912, 24: 244. — **Heller, H.** A simple apparatus for the determination of the specific gravity of small amounts of fluid. J. Physiol., Lond., 1940, 98: Supp., 3. — **Kagan, B. M.** A simple method for the estimation of total protein content of plasma and serum; a falling drop method for the determination of specific gravity. J. Clin. Invest., 1938, 17: 369-72. — **Krog-Jensen, P. C.** [Determination of specific gravity by a special thermometer for fluids, official, in the Danish pharmacopoeia in 1868] Ny pharm. tid., Kbh., 1872, 4: 372-5. — [Method for determining the specific gravity of solid fats, paraffins, resin, etc.] Ibid., 1879, 11: 167-72. — **Rehn, E., & Horsch, K.** Ueber die Bestimmung des spezifischen Gewichtes beim Menschen; vorläufige Mitteilung. Klin. Wschr., 1934, 13: 467-9. — **Sunderman, F. W.** The water of serum and factors for the calculation of the molality of a solute in serum from the measurement of the specific gravity. J. Biol. Chem., 1936, 113: 111-5. — **Täufel, K.** Physikalische Methoden. In Handb. Lebensmittelchem. (Bömer, A.) Berl., 1933, 2: Teil 1, 1-16. — **Weech, A. A., Reeves, E. B., & Goetsch, E.** The relationship between specific gravity and protein content in plasma, serum, and transudate from dogs. J. Biol. Chem., 1936, 113: 167-74.

GRAVITY center.

See under **Body, human**.

GRAWERT, Max, 1903—*Gefäßstudien bei erhöhtem Blutdruck, im besonderen an der Conjunctiva bulbi [Tübingen] 19p. 8°. Lucka, R. Berger [1929]

GRAWI, Julius, 1899—*Ueber Anomalien der Nabelschnur und ihre Bedeutung für den Geburtsverlauf (an Hand der Geburtsberichte von 1914-23 der Universitäts-Frauenklinik zu Göttingen) 48p. 8°. Gött., W. F. Kaestner, 1926.

GRAWITZ, Ernst, 1860—Klinische Pathologie des Blutes nebst einer Methodik der Blutuntersuchungen und spezieller Pathologie und Therapie der Blutkrankheiten. xvi, 1011p. roy. 8°. Lpz., G. Thieme, 1911.

GRAWITZ, Paul [Albert] 1850-1932.

[Autobiography] Med. Gegenwart (Grote) Lpz., 1923, 2: 23-75, portr. — **Leupold, E.** Nekrolog. Münch. med. Wschr., 1932, 79: 1404. — **Loeschcke, H.** [Biography] Verh. Deut. path. Ges., 1934, 27: 322. — — — Biography. Zbl. allg. Path., 1932-33, 55: 289. — **Lubarsch, O.** Nekrolog. Virchows Arch., 1932, 286: p. i. — **Necrologio.** Gior. ital. mal. esot., 1932, 5: p. dcccxvii.

GRAWITZ'S TUMOR.

See **Hypernephroma**.

GRAY, A. B. Gray's lines in verse; a book of short poems. 7 p. l. 84p. 8°. Portland, Oreg., Metrop. Press, 1932.

GRAY, Albert A[lexander] 1868-1936. The labyrinth of animals; including mammals, birds, reptiles and amphibians. 2v. x, 198p.; xiii, 252p. 76 pl. 8°. Lond., J. & A. Churchill, 1907.

— The basis of tissue evolution and pathogenesis. xix, 92p. pl. portr. 8°. Glasg., Jackson, Son & Co., 1937.

For biography see Brit. M. J., 1936, 1: 138, portr. Also Glasgow M. J., 1936, 125: 66, portr. Also Lancet, Lond., 1936, 1: 165. Also Laryngoscope, 1936, 46: 154-7. Also Nature, Lond., 1936, 137: 178. Also Proc. R. Soc. Edinburgh, 1935-36, 56: 250.

GRAY, Alfred Leftwich, 1873-1932.

Brown, P. [Obituary] Am. J. Roentg., 1932, 28: 679-81.

GRAY, Al[rthur] C[laypon] H[orner] 1878-

Quarterly report on the progress of segregation camps and medical treatment of sleeping sickness in Uganda for the quarter December 1st, 1907-February 29th, 1908. 35p. 8° Lond., Sleeping Sickness Bur. R. Soc., 1908.

GRAY, Arthur Oliver. A synopsis of gynaecology. viii, 352p. 12° Lond., E. Arnold & Co., 1925.

GRAY, Asa, 1810-88.

[Biography] In Some Am. M. Botanists (H. A. Kelly) N. Y., 1929, 165-77, portr.

GRAY, Carolyn Elizabeth, 1873-

See **Kimber, Diana Clifford.** Text-book of anatomy and physiology for nurses. 3. ed. 438p. 8° N. Y., 1909. Also 3. ed. rev. 428p. 1911. — & **Gray, Carolyn E.** Text-book of anatomy and physiology. 7. ed. 559p. N. Y., 1926. Also 8. ed. 629p. 1931. — & **Stackpole, C. E.** Text-book of anatomy and physiology. 9. ed. 640p. 8° N. Y., 1934. Also 10. ed. rev. 643p. 1938.

GRAY, Cora Emeline, 1883-

See **Rose, Mary Davies Swartz, & Gray, C. E.** The relation of diet to health and growth of children in institutions [etc.] 128p. 8° N. Y., 1930.

GRAY, Edward.

Editor of *Velázquez de la Cadena*, Mariano. A new pronouncing dictionary of the Spanish and English languages. 2v. 681p.; 766p. roy. 8° N. Y. [1902]

GRAY, Ernest. The diary of a surgeon in the year 1751-52, by John Knyveton, licentiate of the Society of apothecaries, doctor of medicine of the University of Aberdeen, teacher of midwifery to a man mid-wife in Infirmary hall, surgeon's mate, H. M. S. Lancaster. xiv, 322p. pl. 8° N. Y., D. Appleton-Cent., 1937.

GRAY, George W. The advancing front of science. xiii, 364p. 8° N. Y., Whittlesey House [1937]

GRAY, Harold Farnsworth, 1885-

See **Herns, W. B., & Gray, H. F.** Mosquito control. 317p. 26cm. N. Y., 1940.

GRAY, Harry C. Condensed compendium of pharmaceutical knowledge; a quiz book. 7v. 7-12. ed.; 16. ed. 16° Chic., Ill., Gray & Co., 1891-1926.

For 17. ed. see **Gray, H. C., & Terry, R. E.** A condensed compendium [etc.] Chic., 1937.

— Gray's prescriptionist; a treatise on the art of reading and compounding physicians' prescriptions, with tables of weights and measures, antidotes, abbreviations [etc.] 2v. 212p.; 236p. 16° Chic., M. M. Gray & Co., 1896; 1906.

— & **BRYAN, C. H.** The same. 2. ed. 72p. 16° Springfield, O., C. H. Bryan, 1888. Also 3. ed. 78g. 1888. Also 4. ed. 90p. 1888. Also 5. ed. 94p. 1889. Also 6. ed. 114p. 1890.

— Gray's elements of pharmacy; a treatise on elementary pharmacy, chemistry, and botany. 93p. 16° Chic., 1889.

GRAY, H. C., & TERRY, R. E. A condensed compendium of pharmaceutical knowledge; a quiz book. 17. ed. 288p. 16° Chic., Chic. Med. Bk. Co., 1937.

For previous editions see under **Gray, H. C.**

GRAY, Henry, 1825-61. Anatomy, descriptive and applied. 23. ed, edited by Robert Howden. xvi, 1400p. illust. 25½cm. Lond., Longmans, Green & Co., 1926. Also 25. ed.,

by T. B. Johnston. xvi, 1478p. illust. 1932. Also 26. ed. xxxii, 1516p. illust. 1935. Also 27. ed. xxxii, 1536p. illust. pl. diagr. 1938.

— Anatomy, descriptive and surgical. A new American from the 5. enl. English ed. xxxii, 876p. illust. roy. 8° Phila., H. C. Lea, 1870.

— Anatomy of the human body. 22. ed. re-edited by Warren H. Lewis. 1391p. pl. 4° Phila., Lea & Febiger, 1930. Also 23. ed. 3 l. 1381p. illust. portr. 1936.

GRAY, Sir Henry McIlree Williamson, 1870-1938. The colon as a health regulator—from a surgeon's point of view; the effects and treatment of its developmental abnormalities. xix, 100p. illust. 8° Toronto, Macmillan, 1936.

For biography see Brit. M. J., 1938, 2: 814, portr. (T. F.) Also Lancet, Lond., 1938, 2: 920, portr.

GRAY, Irvin Emery, 1897- Laboratory directions for comparative vertebrate anatomy. x, 80p. 23cm. Phila., P. Blakiston's Son & Co. [1938]

GRAY, James, 1891- A text-book of experimental cytology. x, 516p. 4 pl. 8° Cambr. [Eng.] Univ. Press, 1913.

GRAY, John, 1900-39. A study of nephritis and allied lesions. 141p. 8° Lond., H. M. Stat. Off., 1933.

Forms No. 178, Spec. Rep. Ser. M. Res. Counc. Gt. Britain Privy Counc.

For biography see J. Path. Bact., Lond., 1940, 50: 182-4 (J. H. D.) Also Lancet, Lond., 1939, 2: 621.

GRAY, John P., 1825-86.

Brush, E. N. [Biography] Ment. Hyg., Alb., 1930, 14: No. 2, portr.

GRAY, Louis Herbert, 1875- The mythology of all races. v.3. 398p. 37 illust. 24cm. Bost., M. Jones Co., 1918.

GRAY, Percival Allen, 1900-

See **Sansum, William, Gray, Percival Allen, & Bowden, Ruth.** The treatment of diabetes mellitus [etc.] 309p. 12° N. Y., 1929.

GRAY, Roscoe Nelson, 1892- The attorney's handbook of medicine. 194p. 4° Hartford, Conn., Aetna Life Ins. Co., 1931.

Typewritten; loose-leaf binder.

— Attorneys' textbook of medicine. xxxvi, 865p. diagr. 8° Albany, N. Y., M. Bender & Co., 1934.

GRAY, Tina. Hospital days in Rouen. 95p. 12° Lond., Gowans & Gray, 1919.

GRAY, William Beall, BALL, Charles B., & BATEMAN, Arthur. Sanitary appliances; instruction paper. 55p. 2 l. 8° Chic., Am. School of Correspondence [1919]

GRAYANOTOXIN.

See **Ericaceae.**

GRAYBEAL, Elizabeth. The measurement of outcomes of physical education for college women. viii, 80p. tab. diagrs. 8° Minneapolis, Univ. Minnesota Press [1937]

GRAYBILL, Glen A. A laboratory guide in bacteriology for nurses. 69 l. roy. 8° Loma Linda, Cal., 1934.

Mimeographed.

GRAYNESS.

See **Canities.**

GRAYSON, Cary Travers, 1879-1938.

Obituary. J. Am. M. Ass., 1938, 110: 674. Also Mil. Surgeon, 1938, 82: 376. Also Red Cross Courier, 1937-38, 17: No. 9, 3, portr.—**Thompson, H. C.** The admiral as the staff knew him. Ibid., No. 10, 19.

GRAYSON, Morris. *Contribution à l'étude de la schizophrénie post-traumatique. 32p. 22½cm. Lausanne, C. Risold & fils, 1937

GRAYSON, Thomas Wray, 1871-1933.

Jones, C. R. Obituary. Tr. Am. Gastroenter. Ass., 1934, 37. Meet., 112.

GRAYZEL, David M., 1897- *The hydrogen ion concentration of the intestinal contents under various conditions, with special reference to rickets [Columbia Univ.] 21p. 8°. N. Y. [n. pub.] 1927.

GRAZ, Oest. Kriminalbiologische Gesellschaft. Mitteilungen der Kriminalbiologischen Gesellschaft; im Auftrage des Vorstandes hrsg. vom Kriminologischen Institut der Universität Graz. Bd 5. 127p. 23cm. Graz, U. Moser, 1938.

GRAZ, Oest.

R. H. Zur Hundertjahrfeier der Universität Graz. Münch. med. Wschr., 1927, 74: 996.

GRAZE, Hermann, 1913- *Die Blutlinien der alten Oberländer Pferdezeit in Oberbayern [München] 112p. 21cm. Quakenbrück, R. Kleinert, 1938.

GRAZE, Hildegard, 1900- *Die chromosomalen Verhältnisse in der Sektion Pseudolysimachia Koch der Gattung Veronica [Tübingen] p.507-59. 8° Lpz., Gebr. Borntraeger, 1933.

GRAZE, Karl, 1910- *Studien zum Aufbau des Dentins an seinen äusseren Grenzen [Tübingen] 22p. 6 pl. 8°. Schramberg, Gatzler & Hahn, 1932.

GRAZIADEI, Bonaventura, 1852-1935. Valobra, N. Necrologio. Gior. Accad. med. Torino, 1936, 99: pt 2, 24-35, portr.

GRAZZI, Vittorio. Perchè l'otologia deve considerarsi come uno dei più importanti insegnamenti speciali? 19p. 22cm. Firenze [n. pub.] 1885.

GRE, Jean, 1900-38.

B. P. Nécrologie. J. méd. Bordeaux, 1938, 115: 286-8.

GREASE.

See also Fat; Oil.

Brooke, R., & Rooke, C. J. Two cases of grease-gun finger. Brit. M. J., 1939, 2: 1186.—Feil, A. Les dermites occasionnées par les huiles de graissage. Progr. méd., Par., 1938, 757.—Gougerot & Burnier. Dermite squameuse pigmentée et verruqueuse due au mazout avec transformations épithéliomatiques prédominant sur les parties isolées. Bull. Soc. fr. derm. syph., 1937, 44: 1824.—Kumler, W. D. Figures in thin layers of grease and viscous liquids. J. Phys. Chem., 1940, 44: 612-8.—Smith, F. H. Penetration of tissue by grease under pressure of 7,000 pounds. J. Am. M. Ass., 1939, 112: 907.

GREAT Britain. Report of a Committee of enquiry regarding the prevalence of pellagra among Turkish prisoners of war. p. l. 65p. 9 ch. map. fol. Alexandria [Egypt] W. M. & Co., 1918.

— Reports by the Joint War Committee and the Joint War Finance Committee of the British Red Cross Society and the Order of St John of Jerusalem in England on voluntary aid rendered to the sick and wounded at home and abroad and to British prisoners of war, 1914-19, with appendices. 2 p. l. 823p. 6 pl. 2 ch. fol. Lond., H. M. Stat. Off., 1921.

— Mental treatment; report of the proceedings of the conference between the board of control and visiting committees and medical superintendents of county and borough mental hospitals. 131p. 8°. Lond., H. M. Stat. Off., 1930.

GREAT Britain. Admiralty. First aid in the Royal Navy. vi, 115p. illust. 58 pl. 14cm. Lond., H. M. Stat. Off. [1932]

GREAT Britain. Air Ministry. German prisoners in Great Britain [Photographs] 52p. illust. roy. 8° [Lond., Tiltotson & Son, 1916]

— Manual for medical officers of the Royal Air Force. iv, 241p. 8°. Lond., H. M. Stat. Off., 1927. Also 2. ed. iv, 238p. 1931.

— Syllabus for training of airmen of the medical branch in medical trades and for promotion to sergeant major, 2nd class and to flight sergeant. 2. ed. 63p. 8°. Lond., H. M. Stat. Off., 1930. Also repr. Also 3. ed. 77p. 1937.

— The medical examination for fitness for flying (Royal Air Force and Civil) vi, 90p. 8°. Lond., H. M. Stat. Off., 1936. Also 4. ed. vi, 90p. pl. tab. ch. 1938. Also 5. ed. vi, 94p. 4 fig. 1939.

— Manual for medical and dental officers of the Royal Air Force. vii, 446p. pl. diagr. 21½cm. Lond., H. M. Stat. Off., 1938.

— Instructions for the guidance of medical officers in the selection of recruits for the Royal Air Force. 29p. 12°. Lond., 1939.

Forms Air Pub. 1129, 3. ed.

GREAT Britain. Board of Education. Report of the Committee of inquiry into problems relating to partially sighted children. 200p. 8°. Lond., H. M. Stat. Off., 1934.

See also Great Britain. Mental Deficiency Committee.

GREAT Britain. Bureau of Hygiene and Tropical Diseases. Bulletin of hygiene. Lond., v.1, 1926.

— Sanitation supplement.

See Tropical diseases bulletin.

— Tropical diseases bulletin. Lond., v.1-32, 1912-35.

Incomplete.

— Tropical veterinary bulletin. Lond., v.1-18, 1912-30.

— Veterinary bulletin. Lond., v.1, 1931.

GREAT Britain. Child Guidance Council.

See Gordon, R. G. A survey of child psychiatry. 278p. 22½cm. Lond., 1939.

GREAT Britain. Colonial Development Fund.

See Tanganyika Territory. Malaria Research Officer. Report on work done at Dar es Salaam [&c.] 79p. fol. Dar es Salaam, 1935.

GREAT Britain. Colonial Office. The colonial medical service list. 2. ed. 1937. 3p.; 68p. 8°. Lond., H. M. Stat. Off., 1937.

GREAT Britain. Colonial reports miscellaneous. Selections from colonial medical reports for 1898-1902. 3v. 8°. Lond., H. M. Stat. Off., 1904.

GREAT Britain. Committee on Alleged German Outrages. Report. 61p. 8°. Lond., H. M. Stat. Off., 1915.

— Evidence and documents laid before the committee on alleged German outrages; being an appendix to the report of the committee. 296p. 8°. Lond., H. M. Stat. Off., 1916.

GREAT Britain. Committee on the Medical Branches of the Defence Services. Report; 1933. 49p. 8°. Lond., H. M. Stat. Off., 1933.

GREAT Britain. The Cremation Society of Great Britain. Cremation in Great Britain. 96p. 12°. Lond., 1909.

GREAT Britain. Dental Board of the United Kingdom. The Dentists register; comprising the names and addresses of dental practitioners registered as United Kingdom dentists, as colonial dentists, and as foreign dentists, and the local list of names so registered. 4v. 8°. Lond., 1932-34; 1938.

— Four lectures on practical points connected with dental mechanics. vii, 87p. illust. diagrs. 8°. Lond. [1932]

— List of (a) bodies corporate carrying on the business of dentistry on January 1, 1933 (b)

directors of bodies corporate kept under Section 5 (1) proviso (b) of the Dentists Act, 1921. 16p. 8°. Lond., 1933.

GREAT Britain. Dominions Office. The Dominions office and colonial office list. 3v. 8°. Lond., Waterlow & Sons, 1931-33.

GREAT Britain. Economic advisory council. Tsetse fly Committee. Report; developments in the treatment of animal and human trypanosomiasis and in tsetse fly control in the period 1925-31. 27p. 8°. Lond., H. M. Stat. Off., 1933.

GREAT Britain. Foreign Office. Correspondence relative to the alleged ill-treatment of German subjects captured in the Cameroons. 47p. fol. Lond., H. M. Stat. Off., 1915.

— Despatch from His Majesty's ambassador at Petrograd enclosing a memorandum on the subject of the temperance measures adopted in Russia since the outbreak of the European war. 3p. fol. Lond., H. M. Stat. Off., 1915.

— Intoxicating liquors (restrictions in foreign countries during the war) 23p. fol. Lond., H. M. Stat. Off., 1915.

— The scrap of paper; German Chancellor's explanation and Great Britain's reply. 6p. fol. Lond., H. M. Stat. Off., 1915.

— The treatment of prisoners of war in England and Germany during the first 8 months of the war. 36p. 8°. Lond., H. M. Stat. Off., 1915.

— War on the wounded. Loose leaflet. 8°. Lond., H. M. Stat. Off., 1915]

— [Correspondence with the United States Ambassador respecting treatment of prisoners of war and interned civilians in the United Kingdom and Germany] 5 Nos. fol. Lond., H. M. Stat. Off., 1915-16.

Forms Nos. 5, 7, 19 (1915) & 16, 26 (1916) of Miscellaneous [pub.]

— Papers relating to German atrocities, and breaches of the rules of war, in Africa. 86p. illust. fol. Lond., H. M. Stat. Off., 1916.

— Report by the government committee on the treatment by the enemy of British prisoners of war, regarding the conditions obtaining at Wittenberg Camp during the typhus epidemic of 1915. 9p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 10, Misc. Pub., 1916.

— Correspondence with the U. S. ambassador respecting the transfer to Switzerland of British and German wounded and sick combatant prisoners of war. 6p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 17, Misc. Pub., 1916.

— Reports of visits of inspection made by officials of the U. S. embassy to various internment camps in the United Kingdom. 40p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 30, Misc. Pub., 1916.

— The treatment of Armenians in the Ottoman Empire 1915-16; documents presented to Viscount Grey of Fallodon by Viscount Bryce. 684p. 8°. Lond., H. M. Stat. Off., 1916.

Forms No. 31, Misc. Pub., 1916.

— Correspondence respecting the relief of allied territories in the occupation of the enemy. 27p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 32, Misc. Pub., 1916.

— Report on the typhus epidemic at Gardelegen by the government committee on the treatment by the enemy of British prisoners of war during the spring and summer of 1915. 10p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 34, Misc. Pub., 1916.

— [Report and correspondence on the conditions of diet and nutrition in the internment camp at Ruhleben, and on the proposed reciprocal release of interned civilians] 5 Nos. fol. Lond., H. M. Stat. Off., 1916-17.

Forms Nos. 18, 21, 25, 35 (1916) & 1 (1917) Miscellaneous [pub.]

— Reports on the treatment by the Germans of British prisoners and natives in German East Africa. 31p. fol. Lond., H. M. Stat. Off., 1917.

Forms No. 13, Misc. Pub., 1917.

— Correspondence respecting the employment of British and German prisoners of war in Poland and France respectively. 4p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 19, Misc. Pub., 1916.

— Correspondence with the U. S. ambassador regarding the relief of allied territories in the occupation of the enemy. 3p. fol. Lond., H. M. Stat. Off., 1916.

Forms No. 24, Misc. Pub., 1916.

— Correspondence with the German government regarding the alleged misuse of British hospital ships. 26p. fol. Lond., H. M. Stat. Off., 1917.

Forms No. 16, Misc. Pub., 1917.

— Report on the transport of British prisoners of war to Germany. 53p. fol. Lond., H. M. Stat. Off., 1918.

Forms No. 3, Misc. Pub., 1918.

— Report on the treatment by the enemy of British prisoners of war behind the firing lines in France and Belgium. 24p. fol. Lond., H. M. Stat. Off., 1918.

Forms No. 7, Misc. Pub., 1918.

— Agreement between the British and Ottoman governments respecting prisoners of war and civilians. 13p. fol. Lond., H. M. Stat. Off., 1918.

Forms No. 10, Misc. Pub., 1918.

— Miscellaneous publications. Lond., 1915-18.

Incomplete.

— ... Copies of medical reports for the year ending September 30, 1935, prepared by His Majesty's consular officers in China. 10 rep., v. p. 4° [n. p.] 1936.

Typewritten.

GREAT Britain. General Council of Medical Education and Registration of the United Kingdom. Address by the president at the opening of the 24th session of the General Medical Council of the United Kingdom. 19p. 8°. Lond. Med. Coun. Off., 1877.

— Address by the president, November 17, 1885. 8p. 8°. Lond., Spottiswoode & Co., 1885.

GREAT Britain. Home Department. Reports on the outbreak of ankylostomiasis in the Westphalian colliery district in Germany; by T. R. Mulvany. 23p. map. 4°. Lond., Darling & Son, 1903.

GREAT Britain. Home Department. Departmental Committee on sexual offences against young persons. Report. 103p. 8°. Lond., H. M. Stat. Off., 1925.

GREAT Britain. Home Office. Air Raid Precaution Department. Treatment of casualties and decontamination of personnel. 15p. 8°. Lond., H. M. Stat. Off., 1935.

Forms No. 1, Air Raid Precaut. Mem.

— An atlas of gas poisoning. 3. ed. 15p. 10 pl. 8°. Lond., H. M. Stat. Off., 1938.

— The protection of foodstuffs against poison gas. 8p. 12°. Lond., H. M. Stat. Off., [1938]

— First aid and nursing for gas casualties. 3. ed. vi, 47p. 16½cm. Lond., H. M. Stat. Off., 1938.

Forms No. 2 [3. ed.] of Air Raid Precautions Handb., 1938.

— Air raid precautions. Memorandum No. 1, 1935—

GREAT Britain. Home Secretary. Shipping casualties (loss of the steamship *Falaba*) report of a formal investigation. 11p. fol. Lond., H. M. Stat. Off., 1915.

GREAT Britain. Hospital Almoners' Association. The hospital almoner; a brief study of hospital social service in Great Britain. 2 l. 168p. 8° Lond., G. Allen & Unwin, 1935.

GREAT Britain. Imperial Bureau of Animal Genetics. The technique of artificial insemination. 56p. illust. tab. 8° Edinb., Oliver & Boyd, 1933.

GREAT Britain. Imperial Bureau of Animal Health. Index veterinarius, 1933. Vol. 1, Nos. 1, 2, 3, 4. 1v. in 4. 8° Weybridge, Eng., 1933. Mimeographed.

— The same. 1937. Vol. 5. No. 1-3. 3v. roy. 8° Weybridge, 1937.

— Review series. 1v. 8° Weybridge [Eng.] 1938.

GREAT Britain. Imperial Bureau of Entomology. Bulletin of entomological research. Lond., v.1, 1910—

— Review of applied entomology. Ser. B. Medical. Lond., v.1-21, 1913-33.

GREAT Britain. Imperial Cancer Research Fund. Annual report. Lond., 12., 1913—

GREAT Britain. Industrial Health Research Board. Reports. Lond., No. 68-72, 1933-35; No. 80, 1937.

GREAT Britain. Local Government Board. Memorandum on the steps specially requested to be taken in places where smallpox is prevalent. 4p. fol. Lond., Darling & Son, 1899.

— Circular [to] Councils of metropolitan and other boroughs and of urban and rural districts [Notice of the appointment of a royal commission to inquire and report whether tuberculosis in animals and man is one and the same disease] 3p. fol. Lond., Darling & Son, 1901.

— Report of the departmental committee appointed to enquire into the nursing of the sick poor in workhouses. Part I. 41p. fol. Lond., Wyman & Sons, 1902.

— Statistical memoranda and charts relating to public health and social conditions. 109p. 58 ch. 2 map. 8° Lond., Darling & Son, 1909.

— Statistics of the incidence of notifiable infectious diseases in each sanitary district in England and Wales during the year 1911-12. Lond., 1912-13.

GREAT Britain. Local Government Board. Medical Department. Ship-borne rats and plague; by W. H. Power. 1 sheet. fol. Lond., Darling & Son, 1901.

GREAT Britain. Local Government Board for Ireland. Reports on the sanitary circumstances and administration of cities and towns in Ireland, and on the precautionary measures respecting plague taken by local authorities at the various ports. 324p. 8° Dubl., A. Thom & Co., 1902.

— Tuberculosis in Ireland. 57p. fol. Dubl., A. Thom & Co., 1908.

GREAT Britain. Medical Research Committee.

See **GREAT Britain. Privy Council. Medical Research Council.**

GREAT Britain. Mental Deficiency Committee. Report of the Mental Deficiency Committee, being a joint committee of the Board of Education and Board of Control. 3v. 8° Lond., H. M. Stat. Off., 1929.

GREAT Britain. Meteorological Office. The observer's handbook; approved for the use of meteorological observers; annual edition. 2v. 8° Lond., 1918-19.

GREAT Britain. Milk Nutrition Committee. Milk and nutrition. Pt 2: The effects of dietary supplements of pasteurised and raw milk on the growth and health of school children (interim report) 34p. incl. tab. 25cm. Reading, Eng., Nat. Inst. Res. dairy, 1938.

GREAT Britain. Mines Department. Report on the medical treatment of men burned in colliery explosions. 25p. 8° Lond., H. M. Stat. Off., 1934.

— First aid at mines. 2. ed. 20p. pl. 8° Lond., H. M. Stat. Off., 1935.

— Coal mines act, 1911: Regulations and orders relating to safety and health. 1936 ed. vi, 184p. 8° Lond., H. M. Stat. Off., 1936.

GREAT Britain. Ministry of Agriculture and Fisheries. Report of proceedings under the Diseases of Animals Acts for the year 1936. 102p. 8° Lond., 1937.

— Fifth progress report of the Foot-and-Mouth Disease Research Committee. 386p. 3 ch. 8° Lond., 1937.

GREAT Britain. Ministry of Health. Annual report of the medical officer. Lond., 1919—

— Reports on Public health and medical subjects. No. 1-90, 8° Lond., 1920-39.

CONTENTS

No. 1. The complement fixation test in syphilis, commonly known as the Wasserman test.

No. 2. Incidence of notifiable infectious diseases during the year 1919.

No. 3. The progress and diffusion of plague, cholera, and yellow fever throughout the world, 1914-1917.

No. 4. Report on the pandemic of influenza, 1918-1919.

No. 5. Report on the occurrence of gastro-intestinal illness in Sandown, Isle of Wight.

No. 6. Incidence of notifiable infectious diseases during the year 1920.

No. 7. Report on the causation of foetal deaths.

No. 8. Small-pox and vaccination.

No. 9. Diet in relation to normal nutrition.

No. 10. Report on diphtheria.

No. 11. Report on encephalitis lethargica.

No. 12. Report of an outbreak of enteric fever at Bolton-upon-Dearne.

No. 13. Bacteriological studies on the pneumococcus.

No. 14. Report on the occurrence of bacillary dysentery in Glamorgan.

No. 15. Notes on the teaching of obstetrics and gynaecology in medical schools.

No. 16. Report on scarlet fever and diphtheria in Ramsbury.

No. 17. Notes on the pasteurisation of milk.

No. 18. Bacteriological studies on the *Pneumococcus*.

No. 19. Report on the use of hydrocyanic acid for fumigation purposes.

No. 20. Report on an outbreak of dysentery in Lynton, Devon.

No. 21. The training of midwives.

No. 22. Bacteriological studies on diphtheria and bacterial virulence.

No. 23. The incidence of rheumatic diseases.

No. 24. Report of the composition of some of the commoner British wines.

No. 25. Maternal mortality.

No. 27. Fur dermatitis.

No. 28. Cancer of the breast and its surgical treatment; a review of the literature.

No. 29. The solubility of glazes and enamels in cooking utensils.

No. 30. Report of an outbreak of paratyphoid fever in the Borough of Chorley.

No. 31. Infestation of the human subject by the nematode worm, *Ascaris lumbricoides*.

No. 32. A further report on cancer of the breast, with special reference to its associated antecedent conditions.

No. 33. Report on the natural duration of cancer.

- No. 34. The late results of operation for cancer of the breast (Leeds.)
- No. 35. Some administrative aspects of scarlet fever; a report on enquiries as to current English public health practice.
- No. 36. Diet and cancer, with special reference to the incidence of cancer upon members of certain religious orders.
- No. 37. Report on the occurrence of glass fragments in foods packed in glass containers.
- No. 38. Investigations into the alleged high rate of mortality from tuberculosis of the respiratory system among quarrymen in the Gwyfai rural district.
- No. 39. The determination of benzoic acid in foodstuffs.
- No. 40. Cancer of the uterus; a statistical enquiry into the results of treatment, being an analysis of the existing literature.
- No. 41. An outbreak of illness at Poplar suspected to be due to local pollution of the water supply.
- No. 42. Report on epidemic jaundice.
- No. 43. The determination of sulphur dioxide in foods.
- No. 44. Report on acute rheumatism in children.
- No. 45. The co-ordination of the public health services in the counties of Essex, Hampshire, Gloucester and West Sussex.
- No. 46. Report on cancer of the rectum; an analysis of the literature with special reference to the results of operation.
- No. 47. Report on the treatment of cancer of the uterus at the Samaritan Free Hospital.
- No. 48. The protection of motherhood.
- No. 49. Report of an inquiry into the after-histories of persons attacked by encephalitis lethargica.
- No. 50. An investigation of lymphadenoma with relapsing pyrexia.
- No. 51. Report on the late results of operation for cancer of the breast.
- No. 52. Report on chronic arthritis, with special reference to the provision of treatment.
- No. 53. Report on an outbreak of paratyphoid fever in Hertfordshire.
- No. 54. Anatomical investigation into the routes by which infections may pass from the nasal cavities into the brain.
- No. 55. Infant mortality.
- No. 56. Undulant fever.
- No. 57. The determination of sucrose, lactose, invert sugar in sweetened condensed milk.
- No. 58. A study of the nasopharyngeal bacterial flora of the Manchester population, during the period July 1925, to September 1927.
- No. 59. Cancer of the lip, tongue and skin.
- No. 60. Effect on foods of fumigation with hydrogen cyanide.
- No. 61. A disease of parrots communicable to man (psittacosis).
- No. 62. A review of certain present aspects of smallpox prevention in relation particularly to the Vaccination Acts, 1867-1907.
- No. 63. Bovine tuberculosis in man with special reference to infection by milk.
- No. 64. Report on tuberculosis.
- No. 65. Cerebro-spinal fever, with special reference to its characteristics and control, together with a scheme for collecting the results of serum treatment.
- No. 66. Incurable cancer; an investigation of hospital patients in Eastern London.
- No. 67. Wassermann test; a method of increasing the sensitiveness.
- No. 68. High maternal mortality in certain areas.
- No. 69. Enteric fever; report of outbreak at Malton, Yorks.
- No. 70. Report on cancer of the skin.
- No. 71. The bacteriological examination of water supplies (revised edition).
- No. 72. The bed-bug.
- No. 73. Antimony in enamelled hollow-ware.
- No. 74. Report on serological tests for syphilis with very small amounts of patients' serum.
- No. 75. Report on recent researches upon the nature and therapy of pernicious anaemia.
- No. 76. A review of certain aspects of a recently recognised disease of the blood (agranulocytosis or agranulocytic angina).
- No. 77. The supervision of milk pasteurising plants.
- No. 78. Aluminium in food.
- No. 79. Cancer—memorandum on provision of radio-therapeutic departments in general hospitals.
- No. 80. Laboratory diagnosis of psittacosis.
- No. 81. Report on an outbreak of enteric fever in the county borough of Bournemouth and in the boroughs of Poole and Christchurch.
- No. 82. Report on the outbreak of food poisoning at Wilton due to *Salmonella* type Dublin conveyed by raw milk.
- No. 83. Report on anti-venereal measures in certain Scandinavian countries and Holland.
- No. 84. Report on provision and distribution of infective material for the practice of malaria-therapy in England and Wales.
- No. 85. A report on the longevity of mosquitoes in relation to the transmission of malaria in nature.
- No. 86. A study of the trend of mortality rates in urban communities of England and Wales, with special reference to depressed areas.
- No. 87. Studies on the cultivation of vaccinia on the chorio-allantoic membranes of chick embryos.
- No. 88. Lead in food.
- No. 89. Cancer—an inquiry into the extent to which patients receive treatment.
- No. 90. A study of the nasopharyngeal bacterial flora of different groups of persons observed in London and South-East England during the years 1930-37.
- Housing accounts; assisted schemes of local authorities. 4 p. l. xxviii, 150p. 24½cm. Lond., Sir J. Causton & Sons, 1921.
- Vaccination; report of the committee on matters relating to the preparation, testing and standardisation of vaccine lymph [&c.] 324p. 8° Lond., H. M. Stat. Off., 1923.
- On the provision of isolation hospital accommodation by local authorities. 6p. 2 pl. 8° [Lond., H. M. Stat. Off., 1924]
- An outline of the practice of preventive medicine. 154p. 8° Lond., H. M. Stat. Off., 1926.
- The purification of the water of swimming baths. 52p. 8° Lond., H. M. Stat. Off. [1929]
- Vaccination; further report of the Committee: observations on the epidemiology and the clinical and pathological character of post-vaccinal nervous disease with certain collateral papers. 114p. 2 ch. 8° Lond., H. M. Stat. Off., 1930.
- Colonies for mental defectives; report of the Departmental Committee appointed by the Board of Control, with the approval of the Minister of Health, to consider matters relating to the construction of colonies for mental defectives. vi, 56p. 12 ch. 8° Lond., H. M. Stat. Off., 1931.
- Memorandum on occupation therapy for mental patients. 27p. tab. 8° Lond., H. M. Stat. Off., 1933.
- Sanatoria; list of sanatoria and other residential institutions approved by the Minister of Health for treatment of persons suffering from tuberculosis. 26p. 8° Lond., H. M. Stat. Off., 1935.
- Report on a public local inquiry into an outbreak of typhoid fever at Croydon in October and November, 1937. 19p. 8° Lond., H. M. Stat. Off., 1938.
- The bacteriological examination of water supplies. vii, 59p. 8° Lond., H. M. Stat. Off., 1939.
- Forms No. 71, rev. ed., Rcp. Pub. Health.
- Memorandum on influenza (revised edition) 11p. 8° Lond., 1939.
- GREAT Britain. Ministry of Health. Committee on Sterilisation.** Report of the departmental committee on sterilisation. 137p. tab. 8° Lond., H. M. Stat. Off., 1934.
- GREAT Britain. Ministry of Health. Committee on Maternal Mortality and Morbidity.** Final report of Departmental Committee on Maternal Mortality and Morbidity. 156p. 8° Lond., H. M. Stat. Off., 1932.
- GREAT Britain. Ministry of Pensions.** Artificial limbs and their relation to amputations. 88p. pl. 25cm. Lond., H. M. Stat. Off., 1939.
- GREAT Britain. National Association for the Prevention of Tuberculosis.**
- See **Bardswell, N. D.** Tuberculosis in Cyprus. 227p. 8° Lond., 1937.
- GREAT Britain. National Council of Public Morals.** Prevention of venereal disease. xxxv, 236p. 8° Lond., Williams & Norgate, 1921.
- The ethics of birth control; being the report of the Special committee appointed by the National council of public morals in connection with the investigations of the National birth-

rate commission. xvi, 179p. 8°. Lond., Macmillan & Co., 1925.

GREAT Britain. National Health Insurance. Medical Research Committee. Special reports.

See **Great Britain. Privy Council. Medical Research Council.** Special reports.

GREAT Britain. National Veterinary Medical Association of Great Britain and Ireland. Handbook on poultry diseases. 90p. 8°. Lond. [n. pub.] 1937.

— The veterinary profession and its organization for the control of animal diseases, report of a committee of investigation. 113p. 8°. Lond. [H. R. Grubb, 1937]

GREAT Britain. Navy.

See **Great Britain. Royal Naval Medical Service.**

GREAT Britain. Parliament. House of Commons. First and second reports from the Select Committee on Death Certification; together with the proceedings of the committee, minutes of evidence, appendix, and index. lvi, 357p. fol. Lond., Eyre & Spottiswoode, 1893.

— Report and special report from the Select Committee on Housing of the Working Classes Acts amendment bill; together with the proceedings of the committee, minutes of evidence, and appendix [with index] cxvii, 533p. fol. Lond., H. M. Stat. Off., 1906-7.

— Report from the Select Committee on Patent Medicines, together with the proceedings of the committee, minutes of evidence, and appendices. 2v. in 1. lviii, 891p. fol. Lond., H. M. Stat. Off., 1914.

GREAT Britain. Parliament. House of Commons. Select Committee on Motor Traffic. Index and digest of evidence; Session 1913. p.1151-263. fol. Lond., H. M. Stat. Off., 1914.

GREAT Britain. Parliament. House of Commons. Select Committee on Transport (Metropolitan Area) Report. 14p. fol. Lond., H. M. Stat. Off., 1919.

GREAT Britain. Patent Office. Abridgements of specifications; group 6. Lond., 1855-Incomplete.

GREAT Britain. Pharmaceutical Society. The registers of pharmaceutical chemists and chemists and druggists. 9v. 24½cm. Lond., 1925; 1930-37.

— The pharmaceutical pocket book for practitioners and students. 12. ed. viii, 344p. 12°. Lond. [1933] ALSO 13. ed. x, 374p. 19cm. Lond., Pharm. Press, 1938.

— Calendar 1939-40 (with which is incorporated Forensic pharmacy) 3 p. l. 475p. 22½cm. Lond. [1939]

See also **British Pharmaceutical Conference.**

GREAT Britain. Privy Council. Medical Research Council. Special report series. Lond., Nos 1-242, 1915-39.

CONTENTS

No. 1. First report of the special investigation committee upon the incidence of phthisis in relation to occupation; the boot and shoe industry. 1915.

No. 2. Report of the special advisory committee upon bacteriological studies of cerebrospinal fever during the epidemic of 1915.

No. 3. Bacteriological studies in the pathology and preventive control of cerebrospinal fever during 1915-16; 1917.

No. 4. Reports upon investigations in the United Kingdom of dysentery cases received from the Eastern Mediterranean. 1917.

No. 5. Report upon 878 cases of bacillary enteritis. 1917.

No. 6. Report upon recovered cases of intestinal disease in the Royal Naval Hospital, Haslar, 1915-16; report upon combined clinical and bacteriological studies of dysentery cases from the Mediterranean. 1917.

No. 7. Report upon 2,360 enteritis convalescents received at Liverpool from various expeditionary forces. 1918.

No. 8. Report upon soldiers returned as cases of disordered action of the heart (D. A. H.) or valvular disease of the heart (V. D. H.). 1917.

No. 9. A report upon the use of atropine as a diagnostic agent in typhoid infections. 1917.

No. 10. The mortalities of birth, infancy and childhood. 1918.

No. 11. The causation and prevention of tri-nitro-toluene (T. N. T.) poisoning. 1917.

No. 12. The classification and study of the anaerobic bacteria of war wounds; with supplement, methods for cultivating the anaerobic bacteria. 1917.

No. 13. An inquiry into the composition of dietaries; with special reference to the dietaries of munition workers. 1917.

No. 14. Special committee upon the standardisation of pathological methods; No. 1. The Wassermann test. 1918.

No. 15. A study of 1,300 convalescent cases of dysentery from home hospitals; with special reference to the incidence and treatment of amoebic dysentery carriers. 1918.

No. 16. A report on the causes of wastage of labour in munitions factories employing women. 1917.

No. 17. A report upon the seasonal outbreak of cerebro-spinal fever in the Navy at Portsmouth, 1916-17; the treatment of cerebro-spinal meningitis by anti-meningococcus serum at the Royal Naval Hospital, Haslar, 1915-17. 1917.

No. 18. An investigation into the epidemiology of phthisis in Great Britain and Ireland. 1917.

No. 19. The laboratory diagnosis of gonococcal infections; methods for the detection of spirochaetes.

No. 20. A study of social and economic factors in the causation of rickets. M. Ferguson. 1917.

No. 21. The diagnostic value of the Wassermann test. 1918.

No. 22. An inquiry into the prevalence and aetiology of tuberculosis among industrial workers; with special reference to female munition workers. 1918.

No. 23. A report on the investigation of an epidemic caused by *Bacillus aertrycke*. 1918.

No. 24. An analysis of the results of Wassermann reactions in 1,435 cases of syphilis or suspected syphilis. 1919.

No. 25. Reports of the special investigation committee on surgical shock and allied conditions, No. 1-7. [1919]

No. 26. Traumatic toxæmia as a factor in shock. 1919.

No. 27. Blood volume changes in wound shock and primary hæmorrhage. 1919.

No. 28. The sense of stability and balance in the air. 1918.

No. 29. A contribution to the study of chronicity in dysentery carriers. 1918.

No. 30. An investigation of the Flexner-Y group of dysentery bacilli. 1918.

No. 31. Alcohol; its absorption into and disappearance from the blood under different conditions. E. Mellanby. 1919.

No. 32. The science of ventilation and open-air treatment. pt 1. L. Hill. 1919.

No. 33. Pulmonary tuberculosis: mortality after sanatorium treatment. 1919.

No. 34. The influence of alcohol on manual work and neuromuscular co-ordination. 1919.

No. 35. The reaction of media. 1919.

No. 35. Revised. The reaction of culture media. 1927.

No. 36. Studies of influenza in hospitals of the British armies in France, 1918. 1919.

No. 37. The effect of diminished tension of oxygen, with special reference to the activity of the adrenal glands; the ear in relation to certain disabilities in flying. 1919.

No. 38. Report on the present state of knowledge concerning accessory food factors (vitamines) 1919.

No. 39. Report on the anaerobic infections of wounds and the bacteriological and serological problems arising therefrom. 1919.

No. 40. Studies of bacillary dysentery occurring in the British forces in Macedonia. 1919.

No. 41. An investigation into the ultimate results of the treatment of syphilis with arsenical compounds; a clinical study of the toxic reactions which follow the intravenous administration of "914". 1919.

No. 42. A study of the serological races of the Flexner group of dysentery bacilli. 1919.

No. 43. Albuminuria and war nephritis among British troops in France. 1919.

No. 44. Reports of the special committee upon the manufacture, biological testing, and clinical administration of salvarsan and of its substitutes, No. 1. 1919.

No. 45. Unsuspected involvement of the central nervous system in syphilis. 1919.

No. 46. An investigation into the epidemiology of phthisis in Great Britain and Ireland. pt 3. 1919.

No. 47. The accuracy of Wassermann tests, applied before and after death, estimated by necropsy; the Wassermann test applied before death. 1919.

No. 48. A report on the probable proportion of enteric infections among undiagnosed febrile cases invalided from the Western front since Oct. 1916. 1920.

No. 49. On the destruction of bacteria in milk by electricity. 1920.

- No. 50. Cerebro-spinal; studies in the bacteriology, preventive control, and specific treatment of cerebro-spinal fever among the military forces, 1915-19. 1920.
- No. 51. The laboratory diagnosis of acute intestinal infections, including the principles and practice of the agglutination test. 1920.
- No. 52. The science of ventilation and open-air treatment. pt 2. I. Hill. 1920.
- No. 53. The medical problems of flying; including reports Nos 1-8 of the Air medical investigation committee. 1920.
- No. 54. First report of the committee upon injuries of the nervous system; the diagnosis and treatment of peripheral nerve injuries. 1920.
- No. 55. Reports of the Salvarsan committee. 1920.
- No. 56. The effects of alcohol and some other drugs during normal and fatigued conditions. 1920.
- No. 57. Studies in wound infections. 1920.
- No. 58. T. N. T. poisoning and the fate of T. N. T. in the animal body. 1921.
- No. 59. A report on the occurrence of intestinal protozoa in the inhabitants of Britain; with special reference to *Entamoeba histolytica*. 1921.
- No. 60. The use of death-rates as a measure of hygienic conditions. 1922.
- No. 61. Experimental rickets. E. Mellanby. 1921.
- No. 62. Medical uses of radium; studies of the effects of gamma rays from a large quantity of radium. By various authors. 1922.
- No. 63. Studies in the aetiology of epidemic influenza. J. McIntosh. 1922.
- No. 64. Catalogue of the national collection of type cultures. 1922.
- No. 65. First report of the Miners' nystagmus committee. 1922.
- No. 66. Toxic effects following the employment of arsenobenzol preparations. 1922.
- No. 67. Report on artificial pneumothorax. L. S. T. Burrell, & A. Salisbury MacNalty. 1922.
- No. 68. Rickets; the relative importance of environment and diet as factors of causation: an investigation in London. H. G. Mann. 1922.
- No. 69. Reports on biological standards; on the physiological standardisation of extracts of the posterior lobe of the pituitary body. J. H. Burn, & H. H. Dale. 1922.
- No. 70. The structure of teeth in relation to dental disease. J. H. Mummery. 1922.
- No. 71. The aetiology and pathology of rickets from an experimental point of view. V. Korenchevsky. 1922.
- No. 72. The acid-base equilibrium of the blood. 1923.
- No. 73. The Shick test; diphtheria and scarlet fever; a study in epidemiology. S. F. Dudley. 1923.
- No. 74. The kata-thermometer in studies of body heat and efficiency. 1923.
- No. 75. The Shick test; diphtheria and scarlet fever; a study in epidemiology. S. F. Dudley. 1923.
- No. 76. Tuberculosis in insured persons accepted for treatment by the City of Bradford health committee. H. Vallow. 1923.
- No. 77. Studies of rickets in Vienna, 1919-22. 1923.
- No. 78. The serum diagnosis of syphilis, the Wassermann and Sigma reactions compared. 1923.
- No. 79. Bacteriological and clinical observations on pneumonia and empyemata; with special reference to the pneumococcus and serum treatment. E. E. Glynn. 1923.
- No. 80. Second report of the Miners' nystagmus committee. 1923.
- No. 81. Child life investigations; the effect of maternal social conditions and nutrition upon birth-weight and birth-length. M. B. Murray. 1924.
- No. 82. Child life investigations; maternal syphilis as a cause of death of the foetus and of the new-born child. J. N. Cruickshank. 1924.
- No. 83. Tuberculosis of the larynx; 10 years experience in a sanatorium. Sir St C. Thomson. 1924.
- No. 84. The application of the Air Force physical efficiency tests to men and women. L. D. Cripps. 1924.
- No. 85. An inquiry into the after-histories of patients treated at the Brompton Hospital Sanatorium at Primley, during the years 1905-14. Sir P. Horton-Smith Hartley, R. G. Wingfield, & J. H. R. Thompson. 1924.
- No. 86. Child life investigations; the estimation of foetal age, the weight and length of normal foetuses, and the weights of the foetal organs. 1924.
- No. 87. Reports of the committee upon quantitative problems in human nutrition; report on the nutrition of miners and their families. 1924.
- No. 88. Reports of the committee upon injuries of the nervous system; 2: injuries of the spinal cord and cauda equina. 1924.
- No. 89. Report on miners beat knee, beat hand, and beat elbow. E. L. Collis, & T. L. Llewellyn. 1924.
- No. 90. Medical uses of radium; summary of reports from research centres for 1923. 1924.
- No. 93. Experimental rickets. E. Mellanby. 1925.
- No. 95. Internal migration and its effects upon the death-rates; with special reference to the County of Essex. A. B. Hill. 1925.
- No. 96. Clinical comparisons of quinine and quinidine. 1925.
- No. 97. Reports of the committee for the investigation of dental disease in children. 1925.
- No. 98. Studies of the viruses of vaccinia and variola. M. H. Gordon. 1925.
- No. 99. An investigation into the statistics of cancer in different trades and professions. M. Young, & J. Brownlee. 1926.
- No. 100. Methods of investigating ventilation and its effects. H. M. Vernon [et al.] 1926.
- No. 101. Poverty, nutrition, and growth; studies of child life in cities and rural districts of Scotland. D. N. Paton, & Findlay, L. 1926.
- No. 102. Medical uses of radium; summary of reports from research centres for 1924. 1926.
- No. 103. Further studies of the salmonella group. P. B. White. 1926.
- No. 104. Reports of the committee upon the physiology of vision; illumination and visual capacities. 1926.
- No. 105. Diets for boys during the school age. H. C. C. Mann. 1926.
- No. 106. Small-pox and climate in India, forecasting of epidemics. Sir Leonard Rogers. 1926.
- No. 107. The effect of treatment on the Wassermann reactions of syphilitic patients. E. Glynn, R. E. Roberts, & M. Bigland. 1926.
- No. 108. The Sheffield outbreak of epidemic encephalitis. 1924.
- No. 109. Child life investigations; a clinical and pathological study of 1,673 cases of dead births and neo-natal deaths. E. L. Holland, & J. E. Lane-Claydon. 1926.
- No. 110. The legibility of print. R. L. Pyke. 1926.
- No. 111. The spread of droplet infection in semi-isolated communities. S. F. Dudley. 1926.
- No. 112. Medical uses of radium, summary of reports from research centres for 1925.
- No. 113. Spirochaetal jaundice. G. Buchanan. 1927.
- No. 114. Child life investigations; social conditions and acute rheumatism. 1927.
- No. 115. The prevention of diphtheria. J. G. Forbes. 1927.
- No. 116. Medical radium; summary of reports from research centres for 1926. 1927.
- No. 117. The toxemia of pregnancy; a clinical and biochemical study. J. N. Cruickshank, J. Hewitt, & K. L. Couper. 1927.
- No. 118. Child life investigations; the cause of foetal death in 144 cases. A. C. Palmer. 1928.
- No. 119. A study of some organic arsenical compounds; with a view to their use in certain streptococcal infections. L. Colebrook. 1928.
- No. 120. An inquiry into the relationship between housing conditions and the incidence and fatality of measles. J. L. Halliday. 1928.
- No. 121. Borna disease and enzootic encephalo-mylitis of sheep and cattle. S. Nicolau, & I. A. Galloway. 1928.
- No. 122. The intradermal tuberculin test in cattle. J. B. Buxton, & A. S. MacNalty. 1928.
- No. 123. Iodine in nutrition; a review of existing information. J. B. Orr, & I. Leitch. 1929.
- No. 124. The meningococcus. E. G. D. Murray. 1929.
- No. 125. A study of intracranial surgery. H. Cairns. 1929.
- No. 126. Medical uses of radium; a summary of reports from research centres for 1927. 1928.
- No. 127. Dark adaptation; a review of the literature. D. Adams. 1929.
- No. 128. Toxicity tests for novarsenobenzene; neosalvarsan. F. D. Durham, J. H. Gaddum, & J. E. Marchal. 1929.
- No. 129. The Wassermann test; technical details of No. 1 method M. R. C. (modified) E. J. Wyler. 1929.
- No. 130. Reports of the committee upon the physiology of vision. M. D. Vernon, & R. W. Pickford. 1929.
- No. 131. Irradiation and health. D. Colebrook. 1929.
- No. 132. The treatment of syphilis; a survey of records from St Thomas's Hospital. L. W. Harrison. 1929.
- No. 133. Reports of the committee upon the physiology of vision. N. M. S. Langlands. 1929.
- No. 134. The adaptation of the eye; its relation to critical frequency of flicker. R. J. Lythgoe, & K. Tansley. 1929.
- No. 135. The carbohydrate contents of foods. R. A. McCance, & R. D. Lawrence. 1929.
- No. 136. Some experiments on peripheral vision. M. Salaman. 1929.
- No. 137. Scarlet fever; diphtheria, and enteric fever 1895-1914: a clinical statistical study. E. W. Goodall, M. Greenwood, & W. T. Russell. 1929.
- No. 138. The preparation of catgut for surgical use. W. Bulloch, L. H. Lampitt, & J. H. Bushill. 1929.
- No. 139. Re-determination of the trichromatic mixture data. W. D. Wright. 1929.
- No. 140. Diet and the teeth, an experimental study. M. Mellanby. 1929.
- No. 141. The tannic acid treatment of burns. W. C. Wilson. 1929.
- No. 142. A classification of Bright's disease. D. S. Russell. 1929.
- No. 143. Diagnostic value of the vaccinia variola flocculation test. W. L. Burgess, J. Craigie, & S. J. Tulloch. 1929.
- No. 144. Medical uses of radium; summary of reports from research centres for 1928. 1929.
- No. 145. Child investigations; the causes of neo-natal death. J. N. Cruickshank. 1930.

- No. 146. The antiscorvy vitamin in apples. M. F. Bracewell, E. Hoyle, & S. S. Zilva. 1930.
- No. 147. The electrocardiogram. W. H. Craib. 1930.
- No. 148. The movement of the eyes in reading. M. D. Vernon. 1930.
- No. 149. Tuberculosis in man and lower animals. H. H. Scott. 1930.
- No. 150. Medical uses of radium; a summary of reports from research centres for 1929. 1930.
- No. 151. An inquiry into the diet of 154 families of St Andrews. E. P. Cathcart, & A. M. T. Murray. 1931.
- No. 152. Studies of protection against tuberculosis. A. S. Griffith. 1931.
- No. 153. Diet and the teeth; and experimental study. M. Mellanby. 1930.
- No. 154. Iodine supply and the incidence of endemic goitre. J. B. Orr. 1931.
- No. 155. Studies of nutrition; the physique and health of 2 African tribes. J. B. Orr, & J. L. Gilks. 1931.
- No. 156. Further investigations on the variola-vaccinia flocculation reaction. J. Craigie, & W. J. Tulloch. 1931.
- No. 157. Nutritional anaemia in infancy. H. M. Mackay. 1931.
- No. 158. The quantitative estimation of vitamin C by radiography. R. B. Bourdillon, H. M. Bruce [et al.]. 1931.
- No. 159. The influence of diet on caries in children's teeth. 1931.
- No. 160. Medical uses of radium; summary of reports from research centres for 1930. 1931.
- No. 161. The intervertebral discs. O. A. Beadle. 1931.
- No. 162. Intelligence and disease. S. Dawson. 1931.
- No. 163. Psychological factors in peripheral vision. 1931.
- No. 164. The value of tuberculin tests in man; with special reference to the intracutaneous test. P. D'A. Hart. 1932.
- No. 165. An inquiry into the diet of families in Cardiff and Reading. E. P. Cathcart, & A. M. T. Murray. 1932.
- No. 166. Studies in the localization of sound. J. H. Shaxby, F. H. Gage [et al.]. 1932.
- No. 167. Vitamins: a survey of present knowledge. 1932.
- No. 168. Alcohol and inheritance; an experimental study. F. M. Durham, & H. M. Woods. 1932.
- No. 169. The haemolytic streptococci: their grouping by agglutination. F. A. Andrewes, & E. M. Christie. 1932.
- No. 170. Studies in the psychology of delinquency. G. W. Pailthorpe. 1932.
- No. 171. Facial growth in children; with special reference to dentition. C. Smyth, & M. Young. 1932.
- No. 172. Tuberculous disease in children; its pathology and bacteriology. J. W. S. Blacklock. 1932.
- No. 173. The measurement of visual acuity. R. J. Lythgoe. 1932.
- No. 174. Medical uses of radium; summary of reports from research centres for 1931. 1932.
- No. 175. Vitamin content of Australian, New Zealand, and English butters. M. E. F. Crawford, E. O. V. Perry, & S. S. Zilva. 1932.
- No. 176. Third report of the Miners' nystagmus committee. 1932.
- No. 177. Apparatus for the rapid study of ultraviolet absorption spectra. J. St L. Philpot, & E. H. J. Schuster. 1933.
- No. 178. Study of nephritis and allied lesions. J. Gray. 1933.
- No. 179. Chronic enteric carriers and their treatment. C. H. Browning [et al.]. 1933.
- No. 180. Epidemiological study of scarlet fever in England and Wales since 1900. H. M. Woods. 1933.
- No. 181. Individual differences in normal colour vision. W. O'D. Pierce. 1933.
- No. 182. Tuberculous bacillaemia. G. S. Wilson. 1933.
- No. 183. Reports on biological standards. III. Methods of biological assay. J. H. Gaddum. 1933.
- No. 184. Eradication of bovine tuberculosis. L. Jordan. 1933.
- No. 185. Colour vision requirements in the Royal Navy Com. upon physiol. of vision. 1933.
- No. 186. Medical uses of radium, 1932. 1933.
- No. 187. Chemistry of flesh foods. R. A. McCance, & H. L. Shipp. 1933.
- No. 188. Determination of the sensitiveness of the eye to differences in the saturation of colours. Com. upon physiol. of vision. 1933.
- No. 189. Tuberculosis infection in milk; report by Dept. of Health of Scotland. 1933.
- No. 190. Study of growth and development. R. M. Fleming. 1933.
- No. 191. Diet and the teeth. May Mellanby. 1934.
- No. 192. Housing conditions and respiratory disease. C. M. Smith. 1934.
- No. 193. Dissecting aneurysms. T. Shennan. 1934.
- No. 194. Chemistry of antigens and antibodies. J. R. Marrack. 1934.
- No. 195. Active immunization against diphtheria. S. F. Dudley, P. M. May, & J. A. O'Flynn. 1934.
- No. 196. Inheritance of resistance to bacterial infection in animal species. 1934.
- No. 197. Medical uses of radium. Summary of reports from research centers for 1933. 1934.
- No. 198. Tests for respiratory efficiency. A. Moncrieff. 1934.
- No. 199. Physical methods for the estimation of the dust hazard in industry. H. L. Green, & H. H. Watson. 1935.
- No. 200. Characteristics of dichromatic vision. F. H. G. Pitt. 1935.
- No. 201. Determination of iodine in biological substances. C. O. Harvey. 1935.
- No. 202. Standardisation and estimation of vitamin A. IV. Rept. Biol. Stand. E. M. Hume, & H. Chick. 1935.
- No. 203. Pathogenic aerobic organisms of the actinomycetes group. D. Erikson. 1935.
- No. 204. Medical uses of radium. 1935.
- No. 205. Source of infection in puerperal fever due to haemolytic streptococci. D. C. Colebrook. 1935.
- No. 206. The bacteriological grading of milk. G. S. Wilson. 1935.
- No. 207. Reports of the committee upon the physiology of hearing; III. The localization of sound. H. E. O. James.
- No. 208. Course of the oesophagus in health, and in disease of the heart. W. Evans.
- No. 209. Experimental epidemiology. M. Greenwood [et al.].
- No. 210. Bacterial nutrition. B. C. J. C. Knight.
- No. 211. Influence of diet on caries in children's teeth. Com. for Investigation of Dental Dis.
- No. 212. Investigation on respiratory dust diseases in operatives in the cotton industry. C. Prausnitz.
- No. 213. Nutritive value of fruits, vegetables and nuts. R. A. McCance [et al.]. 1936.
- No. 214. Catalog of the National collection of type cultures. 4. ed. 1936.
- No. 215. Artificial pneumothorax; experience of the London County Council. F. J. Bentley. 1936.
- No. 216. Medical uses of radium; summary of reports from research centres for 1935. 1936.
- No. 217. The relationship of the iodine contents of water, milk and pasture to the occurrence of endemic goitre in 2 districts of England. 1936.
- No. 218. A dietary survey in terms of actual foodstuffs consumed. E. P. Cathcart, & A. M. T. Murray. 1936.
- No. 219. The use of hearing aids. A. W. G. Ewing, I. R. Ewing, & T. S. Littler. 1936.
- No. 220. The use of developing egg in virus research. F. M. Burnet. 1936.
- No. 222. Development of cardiac enlargement in disease of the heart. J. H. Palmer. 1937.
- No. 223. Some quantitative aspects of the biological action of X- and y rays. C. M. Scott. 1937.
- No. 224. An analysis of the results of treatment of early, latent, and mucocutaneous tertiary syphilis. W. R. Snodgrass, & R. J. Peters. 1937.
- No. 225. Investigations into the nature and characteristic features of post-normal occlusion. M. Young, E. Johnson [et al.]. 1937.
- No. 226. Medical uses of radium; summary of reports from research centres for 1936. 1937.
- No. 227. Epidemics in schools; an analysis of the data collected during the first 5 years of a statistical inquiry. 1938.
- No. 228. A study of epidemic influenza; with special reference to the 1936-37 epidemic. C. H. Stuart-Harris, C. H. Andrewes [et al.]. 1938.
- No. 229. A clinical and genetic study of 1,280 cases of mental defect. L. S. Penrose. 1938.
- No. 230. The chemistry of antigens and antibodies. J. R. Marrack. 1938.
- No. 231. Report on radium beam therapy research. C. A. P. Wood, L. G. Grimmett [et al.]. 1938.
- No. 232. Medical uses of radium; summary of reports from research centres for 1937. 1938.
- No. 233. Appendicitis; a statistical study. M. Young, & W. T. Russell. 1939.
- No. 234. Reports on biological standards-V; variables affecting the estimation of androgenic and oestrogenic activity. C. W. Emmens. 1939.
- No. 235. The chemical composition of foods. R. A. McCance, & E. M. Widdowson. 1940.
- No. 237. Breathing machines, and their use in treatment; report of the Respirators (poliomyelitis) committee. 1939.
- Annual report. Lond., 1919/20—
- A system of bacteriology in relation to medicine. v.1-9. 4°. Lond., H. M. Stat. Off., 1929-31.
- Alcohol, its action on the human organism. 3. ed. rev. 1 p. l. xviii, 176p. 18½cm. Lond., H. M. Stat. Off., 1938.
- See also *Bulletin of war medicine*. Lond., 1: 1940—
- GREAT Britain. Privy Council. Medical Research Council. Committee upon the Physiology of Vision.** Reports. Lond., Nos 1-6, 1926-29; Nos 9-14, 1931-35.

CONTENTS

- No. 1. Illumination and visual capacities. R. J. Lythgoe. 1926.
- No. 2. Dark adaptation. Dorothy Adams. 1929.
- No. 3. Studies in the psychology of reading. M. D. Vernon, & R. W. Pickford. 1929.

- No. 4. Experiments in binocular vision. N. M. S. Langlands. 1929.
 No. 5. Adaptation of the eye. R. J. Lythgoe, & K. Tansley. 1929.
 No. 6. Some experiments on peripheral vision. M. Salaman. 1929.
 No. 9. Psychological factors in peripheral vision, G. C. Grindley. 1931.
 No. 10. Measurements of visual acuity. 1932.
 No. 11. Individual differences in normal colour vision, W. O'D. Pierce. 1933.
 No. 12. Colour vision requirements in the Royal Navy. 1933.
 No. 13. Determination of the sensitiveness of the eye to differences in the saturation of colours. L. C. Martin, F. L. Warburton, & W. J. Morgan. 1933.
 No. 14. Characteristics of dichromatic vision. F. H. G. Pitt. 1935.

GREAT Britain. Privy Council. Medical Research Council. Industrial Fatigue Research Board. Annual reports. Lond., Nos 1-16, 1920-36.

5. & 6. report missing.

GREAT Britain. Privy Council. Medical Research Council. Industrial Health Research Board. Report. Lond., No. 1, 1919-

CONTENTS

- No. 1. The influence of hours of work and of ventilation on output in tinplate manufacture. H. M. Vernon. 1919.
 No. 2. The output of women workers in relation to hours of work in shell-making. E. E. Osborne. 1919.
 No. 3. A study of improved methods in an iron foundry. C. S. Myers. 1919.
 No. 4. The incidence of industrial accidents, with special reference to multiple accidents. M. Greenwood, & H. M. Woods. 1919.
 No. 5. Fatigue and efficiency in the iron and steel industry. H. M. Vernon. 1920.
 No. 6. The speed of adaptation of output to altered hours of work. H. M. Vernon. 1920.
 No. 7. Individual differences in output in the cotton industry. S. Wyatt. 1920.
 No. 8. Some observations on bobbin winding. S. Wyatt, & H. C. Weston. 1920.
 No. 9. A study of output in silk weaving during the winter months. P. M. Elton. 1920.
 No. 10. Preliminary notes on the boot and shoe industry. J. Loveday, & S. H. Munro. 1920.
 No. 11. Preliminary notes on atmospheric conditions in boot and shoe factories. W. D. Hambly, & T. Bedford. 1921.
 No. 12. Vocational guidance (a review of the literature) B. Muscio. 1921.
 No. 13. A statistical study of labour turnover in munition and other factories. G. M. Broughton, E. H. Newbold, & E. C. Allen. 1921.
 No. 14. Time and motion study. E. Farmer. 1921.
 No. 15. Motion study in metal polishing. E. Farmer. 1921.
 No. 16. Three studies in vocational selection. B. Muscio, & E. Farmer. 1922.
 No. 17. An analysis of the individual differences in the output of silk-weavers. P. M. Elton. 1922.
 No. 18. Two investigations in potters' shops. H. M. Vernon, & T. Bedford. 1922.
 No. 19. Two contributions to the study of accident causation. E. E. Osborne, H. M. Vernon, & B. Muscio. 1922.
 No. 20. A study of efficiency in fine linen weaving. H. C. Weston. 1922.
 No. 21. Atmospheric conditions in cotton weaving. S. Wyatt. 1923.
 No. 22. Some studies in the laundry trade. M. Smith. 1922.
 No. 23. Variations in efficiency in cotton weaving. S. Wyatt. 1923.
 No. 24. A comparison of different shift systems in the glass trade. E. Farmer, R. C. Brooks, & E. G. Chambers. 1923.
 No. 25. Two contributions to the study of rest-pauses in industry. H. M. Vernon, T. Bedford, & S. Wyatt. 1924.
 No. 26. On the extent and effects of variety in repetitive work. H. M. Vernon, S. Wyatt, & A. D. Ogden. 1924.
 No. 27. Results of investigation in certain industries. 1924.
 No. 29. The effects of posture and rest in muscular work. E. M. Bedale, & H. M. Vernon. 1924.
 No. 30. An experimental investigation into repetitive work. I. Burnett. 1925.
 No. 31. Performance tests of intelligence. F. Gaw. 1925.
 No. 32. Studies in repetitive work with special reference to rest-pauses. S. Wyatt, & J. A. Fraser. 1925.
 No. 33. A study in vocational guidance. F. Gaw, L. Ramsey [et al.] 1926.
 No. 34. A contribution to the study of the human factor in the causation of accidents. E. M. Newbold. 1926.
 No. 35. A physiological study of the ventilation and heating in certain factories. H. M. Vernon, T. Bedford, & C. G. Warner. 1926.

- No. 36. On the design of machinery in relation to the operator. L. A. Legros, & H. C. Weston. 1926.
 No. 37. Fan ventilation in a humid weaving shed. W. Wyatt, J. A. Fraser, & F. G. L. Stock. 1926.
 No. 38. A physiological study of individual differences in accident rates. E. Farmer, & E. G. Chambers. 1926.
 No. 39. The relation of atmospheric conditions to the working capacity and the accident rate of coal miners. H. M. Vernon, T. Bedford, & C. G. Warner. 1927.
 No. 40. The effect of eyestrain on the output of linkers in the hosiery industry. H. C. Weston, & S. Adams. 1927.
 No. 41. Rest pauses in heavy and moderately heavy industrial work. H. M. Vernon, T. Bedford, & C. G. Warner. 1927.
 No. 42. Rest-pauses in industry. S. Wyatt. 1927.
 No. 43. A study of telegraphists' cramp. M. Smith, M. Culpin, & E. Farmer. 1927.
 No. 44. The physique of women in industry. E. P. Cathcart, E. M. Bedale [et al.] 1927.
 No. 45. Two contributions to the experimental study of the menstrual cycle. S. C. M. Sowton, C. S. Myers, & E. M. Bedale. 1928.
 No. 46. A physiological investigation of the radiant heating in various buildings. H. M. Vernon, M. D. Vernon, & I. Lorrain-Smith. 1928.
 No. 47. Two studies on the hours of work. H. M. Vernon, M. D. Vernon [et al.] 1928.
 No. 48. Artificial humidification in the cotton weaving industry. A. B. Hill. 1927.
 No. 49. On the relief of eyestrain amongst persons performing very fine work. H. C. Weston, & S. Adams. 1928.
 No. 50. The physiological cost of the muscular movements involved in barrow work. G. P. Crowden. 1928.
 No. 51. A study of absenteeism in a group of ten collieries. H. M. Vernon, T. Bedford, & C. G. Warner. 1928.
 No. 52. The comparative effects of variety and uniformity in work. S. Wyatt, J. A. Fraser, & F. G. L. Stock. 1929.
 No. 53. The use of performance tests of intelligence in vocational guidance. F. M. Earle, M. Milner [et al.] 1929.
 No. 54. An investigation into the sickness experience of printers (with special reference to the incidence of tuberculosis) A. B. Hill. 1929.
 No. 55. A study of personal qualities in accident proneness and proficiency. E. Farmer, & E. G. Chambers. 1929.
 No. 56. The effects of monotony in work. S. Wyatt, J. A. Fraser, & F. G. L. Stock. 1929.
 No. 57. Further experiments on the use of spectacles in very fine processes. H. C. Weston, & S. Adams. 1929.
 No. 58. Study of heating and ventilation in schools. H. M. Vernon, T. Bedford, & C. G. Warner. 1930.
 No. 59. Sickness amongst operatives in Lancashire cotton spinning mills. A. B. Hill. 1930.
 No. 60. The atmospheric conditions in pithcad baths. H. M. Vernon, T. Bedford, & C. G. Warner. 1930.
 No. 61. The nervous temperament. M. Smith, & M. Culpin. 1930.
 No. 62. Two studies of absenteeism in coal mines. H. M. Vernon, & T. Bedford. 1931.
 No. 63. Inspection processes in industry. S. Wyatt, & J. N. Langdon. 1932.
 No. 64. A classification of vocational tests in dexterity. A. E. Weiss Long, & T. H. Pear. 1932.
 No. 65. Two studies in the psychological effects of noise. K. G. Pollock [et al.] 1932.
 No. 66. An experimental study of certain forms of manual dexterity. J. N. Langdon. 1932.
 No. 67. Manual dexterity. E. M. Henshaw [et al.] 1933.
 No. 68. Tests for accident proneness. E. Farmer [et al.] 1933.
 No. 69. Incentives in repetitive work. S. Wyatt. 1934.
 No. 70. Performance of weavers under varying conditions of noise. H. C. Weston, & S. Adams. 1935.
 No. 71. Physique of man in industry. E. P. Cathcart, D. E. R. Hughes, & J. G. Chalmers. 1935.
 No. 72. Incentives; some experimental studies. C. A. Mace. 1935.
 No. 73. The acquisition of skill: an analysis of learning curves. J. M. Blackburn. 1936.
 No. 74. The prognostic value of some psychological tests. E. Farmer, & E. G. Chambers. 1936.
 No. 75. Sickness absence and labour wastage. M. Smith, & M. A. Leiper. 1936.
 No. 76. The warmth factor in comfort at work, a physiological study of heating and ventilation. T. Bedford. 1936.
 No. 77. Fatigue and boredom in repetitive work. S. Wyatt, & J. N. Langdon. 1937.
 No. 78. A Borstal experiment in vocational guidance. A. Rodger. 1937.
 No. 79. An investigation into the sickness experience of London transport workers, with special reference to digestive disturbances. A. B. Hill. 1937.
 No. 80. Toxicity of industrial organic solvents; summaries of published work. E. Browning. 1937.
 No. 81. The effects of conditions of artificial lighting on the performance of worsted weavers. H. C. Weston. 1938.
 No. 82. The machine and the worker; a study of machine-feeding processes. S. Wyatt, & J. N. Langdon. 1938.
 No. 83. The assessment of psychological qualities by verbal methods; a survey of attitude tests, rating scales and personality questionnaires. P. E. Vernon. 1938.

GREAT Britain. Registrar-General. Annual reports of the registrar-general of births, deaths, and marriages in England. Lond., v.1, 1837-8.

— Quarterly return. Lond., No. 201, 1899-

— Weekly return of births and deaths. Lond., 44: 1883-

— Decennial supplement, England and Wales, 1931. pt 1. 53p. fol. Lond., H. M. Stat. Off., 1936.

— Manual of the international list of causes of death adapted for use in England and Wales, Scotland and Northern Ireland. lvi, 146p. 8°. Lond., H. M. Stat. Off., 1931.

— The same. Based on the 5. Decennial revision by the International Commission, Paris, 1938. lxiii, 166p. 24½cm. Lond., H. M. Stat. Off., 1940.

— Census of England and Wales, 1931; general tables, comprising population, institutions, ages and marital conditions, birthplace and nationality, Welsh language. ix, 246p. fol. Lond., H. M. Stat. Off., 1935.

GREAT Britain. Royal Army Medical Corps. Journal. Lond., v.1, 1903-

— Royal Army Medical Corps training. 383p. 11 pl. 8°. Lond., H. M. Stat. Off., 1926.

See also **GREAT Britain. War Office. Medical Department.**

GREAT Britain. Royal Army Veterinary Corps. Journal. Lond., v.5, No. 1, 1933-34-

GREAT Britain. Royal Commission on Housing in Scotland. Report . . . xviii p., 460p. fol. Edinb., H. M. Stat. Off., 1917.

GREAT Britain. Royal Commission on South African Hospitals. Report of the Royal Commission appointed to consider and report upon the care and treatment of the sick and wounded during the South African campaign. 3v. fol. Lond., Wyman & Sons, 1901.

— Minutes of evidence taken before the Royal Commission on the war in South Africa. 3v. fol. Lond., Wyman & Sons, 1903.

— Report of His Majesty's commissioners appointed to inquire into the military preparations and other matters connected with the war in South Africa. 4v. fol. Lond., Wyman & Sons, 1903.

GREAT Britain. Royal Commissioners on Sewage Disposal. Report of the commissioners appointed to inquire and report what methods of treating and disposing of sewage. Lond., 5., 1908; 9., 1915.

GREAT Britain. Royal Naval Medical Service. Statistical report of the health of the Navy (annual) Lond., 1830-43; 1856-1915; 1921-33. 1916-20 not published.

— Journal. Lond., v.1. 1915-

Great Britain. Royal Sanitary Institute. Annual report. Lond., 1929; 1935.

— Examinations for inspectors of nuisance for health visitors and school nurses, maternity and child welfare workers. Lond., 1918

— Kalendar. Lond., 1931; 1936.

Royal (The) Sanitary Institute. J. R. San. Inst., 1936-37, 57: 173-84.

GREAT Britain. Scotch Education Department. Report by Dr W. Leslie Mackenzie and Captain A. Foster, on a collection of statistics as to the physical condition of children attending the public schools of the School Board for Glasgow, with relative tables and diagrams. ix, 57p. 6 diag. roy. 8°. Lond., H. M. Stat. Off., 1907.

GREAT Britain. Select Committee on the General Nursing Council. Report . . . together with the proceedings of the Committee and the

minutes of evidence. xxi, 92p. 8°. Lond., H. M. Stat. Off., 1925.

GREAT Britain. War Office. The Kings regulations and orders for the Army; provisional edition, 1901. 522p. 8°. Lond., Harrison & Sons, 1901.

— The same. Addenda (1903) 338p. 8° [Lond., 1903]

— Report on the concentration camps in South Africa, by the committee of ladies appointed by the secretary of state for war; containing reports on the camps in Natal, the Orange River Colony, and the Transvaal. 208p. fol. Lond., Eyre & Spottiswoode, 1902.

— Royal warrant, for the pay, appointment, promotion, and non-effective pay of the Army. 1900. 415p. 12°. Lond., Harrison & Sons, 1903.

— The Russo-Japanese war; medical and sanitary reports from officers attached to the Japanese and Russian forces in the field. ix, 571p. 54pl. 8°. Lond., Eyre & Spottiswoode, 1908.

— Manual of movement (War) 218p. 32°. Lond., H. M. Stat. Off., 1923.

— Regulations for the Army Veterinary Service. 60p. 12°. Lond., H. M. Stat. Off., 1923.

— Memoranda on medical diseases in tropical and subtropical areas. [5. ed.] 300p. 12°. Lond., H. M. Stat. Off., 1930.

— Regulations for the allowances of the army. xiii, 245p. 12°. Lond., H. M. Stat. Off., 1930.

— Standing orders for the Royal Army Medical Corps, Royal Army Medical Corps (T. A.) and the Army Dental Corps, 1930. x, 244p. 18½cm. Lond., H. M. Stat. Off., 1930. Also 1937. 280p. 1938.

— Standing orders for the Royal Army Veterinary Corps. 48p. 12°. Lond., H. M. Stat. Off., 1930.

— Army manual of chiropody. 64p. 12°. Lond., H. M. Stat. Off., 1931.

— Manual of physical training. vi, 194p. 42 pl. 8°. Lond., H. M. Stat. Off., 1931.

— Instructions for the physical examination of recruits, and for the discharge of recruits with less than 6 months' service, considered unfit on medical grounds. 27p. 12°. Lond., H. M. Stat. Off., 1932.

— Veterinary manual for war. 22p. 12°. Lond., H. M. Stat. Off., 1932.

— Defence against gas. vii, 83p. 12°. Lond., H. M. Stat. Off., 1935.

— Memoranda on venereal diseases. 171p. 12°. Lond., H. M. Stat. Off., 1936.

— Nursing in the army. 12p. pl. 12°. Lond., H. M. Stat. Off., 1938.

— Army manual of hygiene and sanitation, 1934. 296p. illust. pl. tab. diagr. 18cm. Lond., H. M. Stat. Off., 1939.

— Medical manual of chemical warfare, and atlas. vii, 110p.; 15p. 11 pl. on 6 l. tab. diagr. 24cm. Lond., H. M. Stat. Off., 1939.

— Medical manual of chemical warfare, 1940. 2 pts 104p.; 15p. 11 pl. on 6 l. 24½cm. Lond., H. M. Stat. Off., 1940.

GREAT Britain. War Office. Anti-Thyphoid Inoculation Committee. Report on the blood changes following typhoid inoculation; by W. B. Leishman. 49p. ch. 8°. Lond., H. M. Stat. Off., 1905.

GREAT Britain. War Office. Army Advisory Standing Committee on Maxillo-Facial Injuries.

Report to the Army Council, June 1935. 25p. 8° Lond., H. M. Stat. Off., 1935.

GREAT Britain. War Office. Director of Graves' Registration. The care of the dead. 14p. 16° Lond., 1916.

GREAT Britain. War Office. Medical Department. Regulations for army medical services. 1900. vii, 236p. 12° Lond., Harrison & Sons, 1900. ALSO 1932. 411p. 12° Lond., H. M. Stat. Off., 1932.

— Manual of sanitation in its application to military life. 1920; 1926.

GREAT BRITAIN.

See also words beginning with **British**; also **England**; **Scotland**; **Wales**; also names of cities.

NOBBE, G. *The North Briton; a study in political propaganda [Columbia] 275p. 23cm. N. Y., 1939.

Britain and America. Britain today, Lond., 1941, No. 45, 1-3.—**Bulleid, A.** Somerset Lake villages. Bristol Med. Chir. J., 1936, 53: 187-218, 8 pl.—**Howells, W. W.** The iron age population of Great Britain. Am. J. Phys. Anthropol., 1937-38, 23: 19-29.—**Iron (An)** age settlement in southern Britain. Nature, Lond., 1940, 146: 841.—**Jervis, W. W., & Jones, S. J.** An anthropometric survey of Somerset. Rep. Brit. Ass. Advance. Sc., 1937, 107: 398.—**Musgrave, J. A.** A brief consideration of the anthropological history of Great Britain and Ireland. Med. Off., Lond., 1940, 64: 209; 217.—**Peoples (The)** of Britain. Nature, Lond., 1935, 135: 521-3.—**Right (The)** man in the right place. Med. J. Australia, 1940, 2: 159.—**Tucker, B. R.** Psychoanalysis of Great Britain. Virginia M. Month., 1941, 68: 55.

Hospital service.

DELBERT-EVANS, A., & REDMOND-HOWARD, L. G. The future of the British hospital movement. 63p. 12° Lond. [1932]

American (The) hospital unit (Great Britain) J. Am. M. Ass., 1940, 115: 1903.—**Baillieu, A. S.** Hospital services of Great Britain. Hospitals, 1939, 13: No. 10, 73-82.—**Bennett, T. I.** A plan for British hospitals. Lancet, Lond., 1939, 2: 1002.—**Canada's** new hospital in England. Nurs. Times, Lond., 1940, 36: 778, illust.—**Council** hospitals under the local government act. Brit. M. J., 1934, 1: Suppl., 31; 45; 57.—**Gminder, E.** Ein englisches Hospital. Münch. med. Wschr., 1935, 82: 2076.—**H., A. M.** Joyce Green letter. Guy's Hosp. Gaz., Lond., 1940, 54: 293.—**Hospital** regions. Brit. M. J., 1941, 1: 125.—**Hospital** reports, 1936, 1937. J. Obst. Gyn. Brit. Empire, 1939, 46: 107-48.—**Kitchen, K. A.** The hospital system in Great Britain. Med. Woman J., 1930, 37: 303-6.—**Local** government hospital services. Brit. M. J., 1933, 1: 464; passim.—**Newman, G.** Some notes on the relation of English hospitals to the public health. Nosokomeion, Stuttg., 1932, 3: 4-9.—**Our** hospitals. Nurs. Times, Lond., 1940, 36: 950.—**P., J. K.** Norfolk and Norwich hospital. Ibid., 1939, 35: 494.—**Pioneer (A)** hospitals centre. Brit. M. J., 1938, 2: 129.—**Stephenson, A. G.** English hospitals in war time dress. Mod. Hosp., 1940, 54: No. 4, 54-6.—**Stone, J. E.** Features that distinguish Great Britain's hospital facilities. Ibid., 1929, 32: No. 5, 64-8. — The principles and practice of the organisation, management and administration of hospitals in Great Britain. Nosokomeion, Stuttg., 1936, 7: 141-53.—**Trueta, J.** The organization of hospital services for casualties due to the bombing of cities, based on experience gained in Barcelona; with special reference to the classification of casualties. Proc. R. Soc. M., Lond., 1939-40, 33: Sect. Orthop., 13-23.—**Zum Busch, J. P.** Die Voluntary Hospitals in England. Schweiz. med. Wschr., 1939, 69: 103.

Hygiene.

CALDER, R. The conquest of suffering. 166p. 8° Lond. [1934]

CRITCHLEY, H. Aids to the study of sanitary law. 81p. 12° Lond., 1904.

ELLIOTT, M., & ELLIOTT, G. The public health acts and other sanitary laws and regulations; specially prepared for the diploma of public health. 168p. 12° Lond., 1906. ALSO 2. ed. 182p. 1907.

GACHES, L. A guide to the Public health acts, 1875 and 1890, and the Local government acts, 1888 and 1894, with the incorporated acts relating to urban and rural district councils, together with the Private street works act, 1892. 607p. 12° Lond. [1892]

GLEN, A., JENKEN, A. F. [et al.] The law relating to public health and local government. 13. ed. v.1-2. 2265p., paged consec. 8° Lond., 1906.

GREAT BRITAIN. LOCAL GOVERNMENT BOARD. Statistical memoranda and charts relating to public health and social conditions. 109p. 33cm. Lond., 1909.

HERBERT, S. M. Britain's health. 219p. 18cm. Harmondsworth, Eng. [1939]

KEENE, F. N. Urban police and sanitary legislation, 1904; being a collection of provisions contained in the Local Improvement Acts obtained by English Urban District Councils in the year 1904, after consideration by the Police and Sanitary Committee of the House of Commons. 240p. 8° Westminster, 1905.

KENDAL. Annual reports of the medical officer of health, for the years 1885; 1889-99; 1901; 1902. 8° Kendal, 1886-1902.

LUMLEY, W. G., & LUMLEY, E. The public health acts. Vol. 1: The Public Health Acts. Vol. 2: Appendices. 7. ed. 2v. 1220p.; p.1251-2444. 8° Lond., 1908. ALSO 9. ed. 2v. 2967p. paged consec. Lond., 1922-23. ALSO 10. ed. 3v. 1930.

M McNALLY, C. E. Public health. 224p. 8° Lond., 1935.

PORTER, C. Sanitary law in question and answer for the use of students of public health. 150p. 12° Lond., 1910. ALSO 2. ed. 180p. 8° Lond., 1920.

REECE, R. J. Report to the local government board on the sanitary condition and administration of the Spennymoor urban district. 39p. fol. Lond., 1903.

ROBERTSON, W., & MCKENDRICK, A. Public health law; an epitome of law applicable to England and Wales and Scotland. 397p. 8° Edinb., 1912.

WHEATON, S. W. Report to the local government board on the sanitary circumstances of the Strood rural district, Kent, and on sanitary administration by the rural district council. 9p. fol. Lond., 1901.

Abstract of medical inspections made in 1903 with regard to the incidence of disease on particular places, and to questions concerning local sanitary administration. Rep. Local Gov. Bd. Lond. (1903-4) 1905, Suppl., 24-34.—**Angleterre et Pays de Galles et Irlande du Nord.** Loi de 1936 sur l'hygiène publique (loi du 31 juillet 1936 codifiant, en les amendant, certaines dispositions relatives à l'hygiène publique) Bull. Off. internat. hyg. pub., Par., 1937, 29: 871-914.—**Annual (The)** health report (Great Britain) J. Am. M. Ass., 1937, 109: 2078.—**Annual** report for 1906 of the medical officer of health of the administrative county of London. Lancet, Lond., 1908, 1: 581.—**Annual** report of the Ministry of Health. Brit. M. J., 1934, 2: 358.—**Breger & Wolff.** Internationale Fortbildungskurse für Medizinalbeamte im Jahre 1924: Berichte über gesundheitliche Einrichtungen in England und Schottland. Veröff. Medverwalt., 1925, 20: 397-438.—**Butterworth, J. J., Picken, R. M. F.** [et al.] The Local Government Act, 1929. Pub. Health, Lond., 1929-30, 43: 70-9.—**Charles, J. A., Alban, F. J.** [et al.] Discussion on the re-orientation of the public health services. J. R. San. Inst., 1939-40, 60: 87-120.—**Clark, J. A. M.** In search of Utopia. Pub. Health, Lond., 1934-35, 48: 132-5.—**Connan, D. M.** Public health administration in Bermondsey. J. State M., Lond., 1936, 44: 146-68.—**Cost (The)** of health services in Great Britain. Science, 1938, 87: 206.—**Cross-section (A)** of the public health. Lancet, Lond., 1934, 2: 659.—**Education** minister on national physique. Ibid., 1940, 2: 530.—**Epidemiological** notes; infectious diseases for the week. Brit. M. J., 1940, 1: 717.—**Forty** years in public health. Ibid., 1934, 1: 247.—**Fremantle, F. E.** Parliament and public health. Lancet, Lond., 1920, 2: 884-6. ALSO Pub. Health, Lond., 1920-21, 34: 19-26.—**Gadd, H. W.** The Poisons and Pharmacy Act, 1908, in relation to the public health and safety. Med. Mag., Lond., 1909, 18: 377-92.—**Health (The)** of the nation (Great Britain) J. Am. M. Ass., 1938, 111: 1028.—**Health of the Nation** in 1939 (Great Britain) J. R. Inst. Pub. Health, 1940, 3: 287.—**Healthier (A)** nation. J. Am. M. Ass., 1939, 113: 1746.—**Hill, A. B.** Sanitary progress during the 50 years 1876-1926; medical aspect. J. R. San. Inst., 1926-27, 47: 58-61.—**Jameson, W. W.** The Public Health Act, 1936. Pub. Health, Lond., 1936-37, 50: 7. ALSO

Bull. Hyg., Lond., 1937, 12: 1-3.—**Jones, H.** Recent legislation as affecting public health administration. J. R. San. Inst., 1914-15, 35: 4-11.—**MacNalty, A.** Presidential address on a coronation pageant of the public health. *Ibid.*, 1937-38, 58: 91-9. — The state of the public health. Brit. M. J., 1939, 2: 1153-5.—**Maggs, H. J.** Twenty-eight years of public health administration. J. R. San. Inst., 1934, 55: 311-8.—**Minister of health takes stock.** Lancet, Lond., 1940, 2: 529.—**Ministry of health annual report [1938]** Brit. Food J., 1939, 41: 115.—**National (The) health.** J. Am. M. Ass., 1931, 103: 198.—**Nation's (The) health in 1935.** Nature, Lond., 1937, 139: 21.—**National health campaign.** J. Am. M. Ass., 1937, 109: 1463.—**Newman, G.** State of the public health. Brit. M. J., 1934, 2: 638. — The creation of the Ministry of Health. In his Building Nat. Health, Lond., 1939, 102-13.—**Oakes, C.** The Public Health Act, 1936, and county health administration. Med. Off., Lond., 1937, 57: 129; 139.—**Picken, R. M. F.** The personnel of the local government service. J. R. San. Inst., 1939-40, 60: 83-6.—**Porter, C.** Public health service in Britain; education and training. Am. J. Pub. Health, 1931, 21: 1325-38.—**Priestly, J.** Forty-sixth annual report of the local Government Board. Practitioner, Lond., 1918, 101: 128-34. — Recent public health work; 47th annual report of the local government board, 1917-18 (medical officer) *Ibid.*, 1920, 104: 249-62.—**Public Health Acts Amendment Act, 1907.** Proc. Inst. Mun. Co. Engin., Lond., 1916-17, 43: 517-23.—**Public health authorities: their history and functions with particular reference to London.** Brit. M. J., 1935, 2: Suppl., 125-7.—**Rae, H. J.** The regional scheme of public health administration in the Aberdeen area. Pub. Health, Lond., 1938-39, 52: 5-10.—**Regionalization of the public health service [Great Britain]** J. Am. M. Ass., 1939, 112: 1843.—**Rosenberg, S. L. M.** Hygiene 100 years ago, from an English viewpoint. California West. M., 1932, 37: 115.—**Sickness experience in 1937.** Lancet, Lond., 1938, 1: 515.—**State (On the) of the public health.** J. R. Army M. Corps, 1935, 64: 38-45.—**State (The) of the public health; chief medical officer's report.** Brit. M. J., 1938, 2: 1004.—**Stocks, P.** Morbidity and death-rates in the great towns. Lancet, Lond., 1940, 2: 550-3.—**Tallents, S.** The part which can be played by publicity and public relations work in making a healthier and fitter Britain. J. R. Inst. Pub. Health, 1939, 2: 313-23.—**Topping, T.** Sanitary law and practical administration. J. R. San. Inst., 1936-37, 57: 457-64.—**Vacancies during wartime in the whole-time Public Health Service.** Brit. M. J., 1940, 2: Suppl., 29.—**Whyte, W. E.** Can publicity play a part in making a healthier and fitter Britain? J. R. Inst. Pub. Health, 1939, 2: 187-96.—**Wood, K.** Sir Kingsley Wood on expansion of health services. Brit. M. J., 1936, 2: 1103.—**Zum Busch, J. P.** Die öffentliche Gesundheit in England. Schweiz. med. Wschr., 1938, 68: 1103.

— Hygiene: History.

NEWSHOLME, A. Fifty years in public health; a personal narrative with comments. v.1: The years preceding 1909. 415p. 8° Lond. [1935]

— The last 30 years in public health; recollections and reflections on my official and post-official life. 410p. 8° Lond. [1936]

SIMON, J. English Sanitary Institutions, reviewed in their course of development, and in some of their political and social relations. 2. ed. 516p. 8° Lond., 1897.

WILLIAMS, J. H. H. A century of public health in Britain, 1832-1929. 314p. 8° Lond., 1932.

Larke, S. V. Public health in Tudor England. Am. J. Pub. Health, 1934, 24: 912; 1099.—**Robb-Smith, A. H. T.** Harington's metamorphosis. S. Barth. Hosp. J. War Bull., Lond., 1939-40, 1: 59; 77.

— Medicine and surgery.

HANNAH, T. Medical practice in the British Empire (technical information for the guidance of the courts) a herculean struggle for freedom. 279p. 8° Pietermaritzburg [1918]

MACALISTER, D. Introductory address on the General Medical Council, its powers and its works, delivered at the University on October 2, 1906. 28p. 8° Manch., 1906.

Baranger, J. Un mois chez les chirurgiens britanniques. Rev. chir., Par., 1933, 71: 221-8.—**Bateman, A. G.** The Medical Act, 1858, and its penal causes in relation to unqualified practice. Tr. Med. Leg. Soc., Lond., 1908-9, 6: 15-38.—**Beadles, H. S.** Lock-up surgeries. Lancet, Lond., 1924, 2: 969.—**Benson, C. M.** The effect of the war on the medical profession. Med. Press & Circ., Lond., 1916, n. ser., 101: 97-100.—**British medical association, 107th annual meeting of the** Aberdeen, 1939. Brit. M. J., 1939, 1: 336.—**British (The) medical man abroad; conditions of medical practice.** Lancet, Lond., 1903, 2: 649-52.—**British (The) Medical Practice Act.**

J. Am. M. Ass., 1913, 60: 1903.—**Bross, W.** [Surgery in the London hospitals; impressions from a trip to England] Med. prakt., Poznań, 1938, 12: 1; 33; 55.—**Chambers, E. L.** Wartime organization of medicine in Great Britain. Med. Bull., N. Y., 1940-41, 6: 77-80.—**Clarkson, J. B.** The prospects of the British medical profession and suggestions for improvements. Australas. M. Gaz., 1908, 27: 596-8.—**Colonial (The) medical service.** Brit. M. J., 1935, 2: 429-31.—**Cox, A.** Why should the medical profession be organized, and how should it be done? *Ibid.*, 1919, 1: Suppl., 39-43.—**Future of British medicine.** Pub. Health, Lond., 1940-41, 54: 2.—**Griffiths, J.** The State Civil Medical Services, with special reference to the Poor Law and the reorganization of the Home Civil Medical Service. Brit. M. J., 1910, 1: 1340-5.—**Horsley, V.** The necessity of union in the profession. *Ibid.*, 1906, 2: 1821-5.—**Jackson, G.** Notes on the General Medical Council and its proceedings. Med. Press & Circ., Lond., 1904, n. ser., 78: 679-81.—**Jones, A. L.** The doctors' problem. Brit. M. J., 1918, 2: 85.—**Jones, G.** Defects in the organisation of the medical profession. Tr. Med. Leg. Soc., Lond., 1911-12, 9: 43-55.—**King's Semi-Jubilee, 1910-35** Med. Times, Lond., 1935, 63: 83.—**Kitchin, K. F.** Londoner Brief. Deut. med. Wschr., 1936, 62: 698-700.—**Larar, R. W.** Impressions and observations in the surgical theatres of London, 1936. Hahnemann, Month., 1937, 72: 201-7.—**Latham, A.** The medical parliamentary committee: its aims. Med. Press & Circ., Lond., 1919, n. ser., 107: 183.—**Llewellyn-Jones, F.** Medicine and the Welsh language. Lancet, Lond., 1935, 2: 835.—**MacAlister, D.** Abstract of address on the General Medical Council: its powers and its work. Med. Press & Circ., Lond., 1906, n. ser., 82: 381-4.—**Mahomed, G.** The reconstituted B. M. A. and the crisis: some reflections. Med. Mag., Lond., 1913, 22: 23-5.—**Medical (The) Parliamentary Committee; an important conference.** Lancet, Lond., 1919, 1: 808.—**Medical (The) profession in Great Britain and the war.** Science, 1918, 48: 320-2.—**Medicine (A) Services Bill.** Lancet, Lond., 1919, 1: 941.—**Medicine in the Encyclopædia Britannica.** *Ibid.*, 1911, 1: 530; 609; 692; 699; 828.—**Medicine in Parliament.** Brit. M. J., 1918, 1: 539.—**Melville, E. J.** Edinburgh notes. Internat. J. Surg., 1914, 27: Also repr.—**Neel, A. V.** [Impressions from a trip to England and Scotland] Ugeskr. læger, 1937, 99: 886-8.—**Present (The) state of medical practice in the Rhonda Valley.** Lancet, Lond., 1905, 2: 1065.—**Recognition of Indian medical degrees (London)** J. Am. M. Ass., 1936, 107: 222.—**Recognizable colonial and foreign and medical degrees.** Lancet, Lond., 1922, 2: 480-85.—**Reik, H. O.** Medical travel talk: a physician's vacation in Ireland, England, and France. J. M. Soc. N. Jersey, 1931, 28: 42; 432.—**Rice, A. G.** The passing of surgical yeomen. N. England J. M., 1938, 218: 905-11.—**Rolleston, H.** Medicine in the present reign. Med. Press & Circ., Lond., 1935, 190: 427. Also repr.—**Shaw, L. E.** The true aim of a united medical profession and the handicap of the trade union bogey. Brit. M. J., 1910, 2: 121-4.—**Sheahan, D. A.** Position of the British medical profession after the war. *Ibid.*, 1916, 2: 476.—**Sicard, A.** Impressions sur la chirurgie à Londres. Bull. méd., Par., 1937, 51: 171-4.—**Smith, H.** The Germanization of the British medical profession. Brit. M. J., 1919, 1: 291.—**Toogood, F. S.** An address on the need of organisation in the medical profession. Med. Mag., Lond., 1908, 17: 7-12.—**Underground operating room in London.** J. Am. M. Ass., 1939, 113: 1237.—**Voelcker, A. F.** Reconstruction in the medical profession. Tr. M. Soc. London, 1918, 42: 1-11.—**Webb-Johnson, A.** Surgery in England in the making. Austral. N. Zealand J. Surg., 1939-40, 9: 10-30.—**Williams, D. J.** An address entitled Hercules and the wagoner, with remarks on the British Medical Association. Brit. M. J., 1909, 2: 189-92.

— Medicine and surgery: History.

MACMICHAEL, W. The gold-headed cane [6. ed. prepared by Herbert Spencer Robinson after the 2. ed. (1828) with biography and notes] 223p. 8° N. Y., 1932.

POWER, D'A. Medicine in the British Isles. 84p. 16° N. Y., 1930.

— British masters of medicine. 242p. 8° Balt., 1936.

SECURIS, J. A detection and querimonie of the daily enormities and abuses committed in physick, concerning the 3 parts thereof: that is, the physicians part, the part of the surgeons, and the arte of poticaries. Dedicated unto the two most famous universities, Oxford and Cambridge. 103p. 8° Lond., 1566.

Photostat facsimile reproduced from the copy in the Henry E. Huntington Library.

YEARSLEY, P. M. Doctors in Elizabethan drama. 128p. 8° Lond., 1933.

B., R. S. Peter Goldman's description of the desolation of Dundee. Brit. M. J., 1927, 1: 478.—**Baas, K.** Aitkeltische Medizin. Verh. Ges. deut. Naturforsch. (1911) 1912, 83: 2. Teil, 2. Hälfte, 131.—**Bayon, H. P.** William Gilbert (1544-

1603) Robert Fludd (1574-1637) and William Harvey (1578-1657) as medical exponents of Baconian doctrines. *Proc. R. Soc. M.*, Lond., 1938-39, 32: Sect. Hist. Med., 31-42.—**Beckman, F.** The rise of British surgery in the eighteenth century. *Ann. M. Hist.*, 1937, 9: 549-66, 2 pl.—**Blair, D.** The first Cameron rally since the '45. *Caledon. M. J.*, 1939, 16: 218-24.—**Bland-Sutton, J.** Surgery in the eighteenth century. *Brit. M. J.*, 1918, 2: 595.—**Boyes, J. H.** Dover's powder and Robinson Crusoe. *N. England J. M.*, 1931, 204: 440-3.—**Bragman, L. J.** Doctor and patient in Addison's Journals. *Med. J. & Rec.*, 1927, 125: 483; 558.—**Club** practice 60 years since. *Brit. M. J.*, 1912, 1: 1037.—**Craig, G. W.** The Old Square: a chapter of bygone local medical history. *Birmingham M. Rev.*, 1935, 10: 22; 93.—**Dawson, L.** One hundred years and after. *Lancet*, Lond., 1932, 2: 225-9.—**De Wesselow, O. L. V.** The doctor in English literature. *S. Thomas Hosp. Gaz.*, Lond., 1925-26, 30: 262-90.—**Doctor** and patient in 1775-76. *Brit. M. J.*, 1909, 2: 894.—**Edington, G. H.** Surgery in 1828. *Glasgow M. J.*, 1928, 109: 138-51.—**Fagge, C. H.** John Hunter to John Hilton. *Lancet*, Lond., 1936, 1: 409-14, portr.—**Fairbairn, J. S.** Memories of the clustering Victorian years. *S. Thomas Hosp. Gaz.*, Lond., 1937-38, 36: 374-7.—**Flemming, P.** The medical aspects of the Mediaeval Monastery in England. *Proc. R. Soc. M.*, Lond., 1928-29, 22: Sect. Hist. Med., 25-36.—**Gask, G. E.** Vicary's predecessors. *Brit. J. Surg.*, 1930-31, 18: 479-500.—**Groves, E. W. H.** Hero worship in surgery. *Brit. M. J.*, 1930, 1: 321-6.—**Gulland, G. L.** Valedictory address on 50 years of medicine. *Edinburgh M. J.*, 1932, n. ser., 39: 1-10.—**Hale-White, W.** Gilbert, Bacon, and Harvey. *Lancet*, Lond., 1927, 2: 847-53.—**Head, G. D.** Medicine in Edinburgh. *J. Minnesota M. Ass.*, 1909, 29: 316.—**Hudson, J.** Some men of mark in medicine. *Newcastle M. J.*, 1933, 13: 155-68.—**Hume, W. E.** 1751-1851; a medical sketch. *Univ. Durham Coll. M. Gaz.*, 1926-27, 27: 81-93, 2 pl.—**Hunt, J. H.** A portrayal of Kings and doctors. *Med. Libr. Hist. J.*, 1905, 3: 97-113.—**James, R. R.** The earliest list of surgeons to be licensed by the Bishop of London under the act of 3, Henry VIII, C. II. *Janus, Leiden*, 1937, 41: 255-60.—**Jones, H. M.** A British medical reminiscence. *Med. Press & Circ.*, Lond., 1909, n. ser., 88: 84-6.—**Kelly, R. E.** Surgery 100 years ago. *Lancet*, Lond., 1937, 1: 1361. Also *Liverpool Med. Chir. J.*, 1937, 45: 5-15.—**Knott, J.** Medical men of letters. *Med. Press & Circ.*, Lond., 1916, n. ser., 101: 103.—**Layton, F. G.** Memories of the early Nineties. *S. Thomas Hosp. Gaz.*, Lond., 1937-38, 36: 495-8.—**Leech, E. B.** Early medicine and quackery in Lancashire. *Liverpool Med. Chir. J.*, 1938-39, 46: 99-119, pl.—**Lobingier, A. S.** The influence of the British masters on American surgery. *Am. J. Surg.*, 1929, n. ser., 6: 826-36.—**Lucas.** The surgeon's pole. *Lancet*, Lond., 1914, 2: 719.—**Luginbuhl, C. B.** A history of English medicine from 1460-1860. *J. Iowa M. Soc.*, 1940, 30: 181-90, 7 portr. Also *J. Med.*, Cincin., 1940-41, 21: 338-49, 7 portr. Also *Diplomate*, 1941, 13: 54-64.—**MacArthur, W. P.** Out of oldé bokés. *Lancet*, Lond., 1938, 2: 967-9.—**McDonald, S.** Some general practitioners: Dr John Brown, of Edinburgh (1810-99) & Dr Walter Lorraine, of Castle Douglas (1838-99). *Newcastle M. J.*, 1923-24, 4: 24-39.—**MacLeod, K.** Reminiscences of Edinburgh 50 years ago. *Caledon. M. J.*, 1907-9, 7: 414-29, pl.—**Macnaughton, W. A.** The medical heroes of the '45. *Ibid.*, 1932, 15: 59; 110; 124.—**Medical** (The) Gregories. *Brit. M. J.*, 1906, 2: 813.—**Medicine** in the reign of George III. *Ibid.*, 1917, 2: 729.—**Mitchell, G. A. G.** Earlier medical history of Aberdeen. *Ibid.*, 1939, 1: 336-8.—**Newman, G.** The governance of English medicine. In his *Building Nat. Health*, Lond., 1939, 36-67, portr.—**Old** (An) scheme for the socialization of medicine. *Brit. M. J.*, 1905, 1: 664.—**One** hundred years ago; medical reform in 1813; an abortive bill. *Ibid.*, 1913, 1: 1218.—**Osler, W.** Some MSS. and books in the Bodleian Library illustrating the evolution of British surgery. *Ibid.*, 1914, 1: 825.—**Parry, L. A.** Nova et Vetera: the oldest medical act? *Ibid.*, 1930, 1: 960.—**Paul, F.** Reminiscence. *Liverpool Med. Chir. J.*, 1937, 45: 32.—**Porritt, A. E.** Some historical surgical operations. *S. Mary Hosp. Gaz.*, Lond., 1936, 42: 86; 105.—**Power, D'A.** The evolution of the surgeon in London. *S. Barth. Hosp. J.*, Lond., 1912, 19: 83-93. Also repr. The place of the Tudor surgeons in English literature. *Proc. R. Soc. M.*, Lond., 1926-27, 20: Sect. Hist. Med., 51-5.—**The** beginnings of the literary renaissance of surgery in England. *Ibid.*, 1928-29, 22: Sect. Hist. Med., 1-6.—**Ipsissima verba.** *Brit. J. Surg.*, 1934-35, 22: 201; 403.—**Rees, S. P.** Medical Edinburgh; Professor Berancek's clinical lecture. *J. Minnesota M. Ass.*, 1909, 29: 332-5.—**Robinson, H. S.** The Lumenian lectures before Harvey. *Med. Life*, 1928, 35: 583-9.—**Rolleston, H.** The history of clinical medicine (principally of clinical teaching) in the British Isles. *Proc. R. Soc. M.*, Lond., 1938-39, 23: Sect. Hist. Med. Clin. Sect., 1185-90.—**Ruhrh, J.** The early history of surgery in Great Britain. *Med. Rec.*, N. Y., 1921, 99: 549.—**The** Edinburgh School of Surgery before Lister. *Ibid.*, 100: 573.—**Rutherford, W. J.** The physician of King Richard II. *Glasgow M. J.*, 1936, 125: 16-8.—**A** royal patient in the 13th century. *Ibid.*, 63-5.—**Sharland, W.** An early medical record. *Australas. J. Pharm.*, 1935, n. ser., 16: 1209.—**Silvette, H.** The doctor on the stage; medicine and medical men in 17th century English drama. *Ann. M. Hist.*, 1936, 8: 520; 1937, 9: 62; 174.—**Sinclair, N.** Surgical adventure. *West London M. J.*, 1936, 41: 167-76.—**Smith, G.** The practice of medicine in Tudor England. *Sc. Month.*, 1940, 50: 65-72.—**Some** early British surgeons. *Lancet*, Lond., 1918, 2: 542.—**Streets** named after

doctors. *Brit. M. J.*, 1907, 1: 223.—**Weston, E.** At the sign of the blue pill. *Caledon. M. J.*, 1939, 16: 235-9.—**White, W.** A survey of the social implications of the history of medicine in Great Britain, 1712-1867. *Ann. M. Hist.*, 1938, n. ser., 10: 279-300.—**Young, A.** Sir William Macewen and the Glasgow School of Surgery. *Surg. Gyn. Obst.*, 1926, 43: 823-50.

Vital statistics.

British Empire (British Isles and Dominions) Population, naissances, décès, mortalité infantile et mariages en 1937. *Bull. Off. Internat. Hyg. pub.*, Par., 1939, 31: 1088.—**Census** (The) of England and Wales. *Brit. M. J.*, 1911, 2: 341.—**Gould, C. A.** Trend of the population of England and Wales during the next 100 years. *Lancet*, Lond., 1937, 1: 944.—**Hadwen, W. R.** The Registrar General's returns; some interesting figures and their bearing on modern treatment. *Med. Times*, Lond., 1917, 45: 528-32.—**Infectious** diseases and vital statistics, week ended April 27. *Brit. M. J.*, 1940, 1: 836.—**Infectious** diseases and vital statistics; week ended Dec. 28, 1940. *Ibid.*, 1941, 1: 181.—**Martin, J. M.** An analysis of Gloucestershire statistics, 1901-10. *Proc. R. Soc. M.*, Lond., 1915-16, 9: Sect. Epidem., 1-32.—**Martin, W. J.** Studies in the declining birth-rate, the Midlands and London. *J. Hyg., Camb.*, 1937, 37: 188-224.—**Old** parish registers. *Med. Press & Circ.*, Lond., 1927, n. ser., 123: 268.—**Registrar-general's** (The) reports. *Lancet*, Lond., 1939, 1: 50.—**Registrar-General's** Statistical Review. Part 1: Tables, Medical, 1934. *Brit. M. J.*, 1935, 2: 917.—**Retrospect** (A) of vital statistics; 1837-1937. *Ibid.*, 1940, 1: 574.—**Rhodes, E. C.** Population mathematics. *J. R. Statist. Soc.*, Lond., 1940, 103: 362-87.—**Some** schools closed for want of children (England) *J. Am. M. Ass.*, 1936, 106: 2016.—**Statistical** (The) review for 1933. *Pub. Health*, Lond., 1934-35, 48: 201.—**Trend** (The) of population; a dangerous decline. *Lancet*, Lond., 1937, 1: 481. Also *Nature*, Lond., 1937, 139: 564.—**Ungern-Sternberg, R. von.** Bevölkerungsverhältnisse in England und Wales (1800-1935). Veröff. Volksgesundheitsdienst., 1936, 47: 1-80.—**Vital** statistics for 1936-38 [Great Britain] *Lancet*, Lond., 1935, 1: 279; passim.

GREAUD, Henri Eugène, 1911-* A propos d'un cas d'acromégalie et de diabète. 51p. 8°. Par., Libr. L. Arnette, 1937.

GREAVES, Ethelyn Oliver, 1896- See **Greaves, Joseph E.** & **Greaves, Ethelyn O.** Elementary bacteriology, 506p. 8°. Phila., 1928. Also 3. ed. 562p. 1936. Also 4. ed., rev. 587p. 1940.

GREAVES, Francis Ley Augustus, 1875-1930. *Obituary.* *Brit. M. J.*, 1930, 1: 843. Also *Lancet*, Lond., 1930, 1: 939.

GREAVES, George. Observations on some of the causes of infanticide. 26p. 8°. Manchester, Eng., Cave & Sever, 1863.

GREAVES, Joseph Eames, 1880- , & **GREAVES, Ethelyn O.** Elementary bacteriology p. l. 506p. 8°. Phila. & Lond., W. B. Saunders Co., 1928. Also 3. ed. 562p. illust. pl. diags. 1936. Also 4. ed., rev. xiv, 587p. illust. col. pl. diagr. 1940.

GREAVES, Marion. See **Weatherhead, L. D.** The mastery of sex through psychology and religion. 9. ed. 253p. 193cm. Lond., 1940.

GREBE, Heinz. *Ueber virginelle Konzeptionen. 22p. 8°. Bonn, P. Kubens, 1933.

GREBE, Hermann, 1909- *Vitamine und Knochenmark [Frankfurt a. M.] 37p. 8°. Lpz., J. A. Barth, 1934.

See also **Seyderheim, Richard**, & **Grebe, Hermann.** Vitamine und Blut. 42p. 8°. Lpz., 1935.

GREBE, L[eonhard] 1883- , & **NITZGE, K.** Tabellen zur Dosierung der Röntgenstrahlen. 168p. 8°. Berl., Urban & Schwarzenberg, 1930. Forms Sonderbd 14, Strahlentherapie.

GREC, Edouard, 1908- *Un médecin novateur: Philippe Buchez, 1796-1865. 39p. 24cm. Par., M. Vigné, 1938.

GRECK, Curt de, 1914- *Ergebnisse und Bewertung der Phrenicoexhairese als selbständige Operation sowie der Thorakoplastik. 51p. 22cm. Würzb., R. Mayr, 1937.

GRECO, Domenico Theotocopuli, 1541-1630. **KATZ, D.** War Greco astigmatic? eine psychologische Studie zur Kunstwissenschaft. 48p. 8°. Lpz., 1914.

Comenge, R. El Greco pintaba bien porque veía mejor. Siglo méd., 83: 325-9.—**Vernandeau, P.** La folie du Greco. Aesculape, Par., 1925, n. ser., 15: 265-9.

GRECO, Lucía. Nociones de higiene; texto adaptado a los programas oficiales. 3. ed. 211p. diagr. 24cm. B. Air. [D. Cersosimo] 1939.

GREDEL, Kurt, 1911— *Wirkung von Radium auf den Stoffwechsel von Ratten [Heidelberg] 15p. 8° Erlangen, M. Krahel, 1935.

GREDIG, Christian. *Eine neue Vererbungsart der Megalocornea. p.79-89. 8° Zür., O. Füssli, 1926.

Also Arch. Julius Klaus Stift., 1926, 2:

GREECE. Γενική στατιστική υπηρεσία τῆς Ἑλλάδος. Στατιστικὴ ἐπετηρὶς τῆς Ἑλλάδος. [annual statistics] Athenes, v.1-2, 1930-31; v.4, 1933; v.5, 1935.

GREECE. Ministère de l'économie nationale. Statistique des causes de décès. Athenes, 1921—Incomplete.

GREECE [and Greeks]

See also **Balkan peninsula.**

DONNAGAN, J. A new Greek and English lexicon; principally on the plan of the Greek and German lexicon of Schneider; the works alphabetically arranged. 837p. 16° Phila., 1932.

GREECE. MINISTÈRE DE L'ÉCONOMIE NATIONALE. Statistique des causes de décès pendant les années 1921-1926; 1935. Athènes, 1925-30; 1937.

Lampadarios, E., & Valoaras, V. G. La population grecque vieillit-elle? Arch. balkan. méd. chir., Par., 1939, 1: 15-21.—**Landerer, Z.** Fenomeno geologico nell'Arcipelago greco; emersione di una piccola collina. Gior. farm. chim., Tor., 1866, 15: 65-7.—**Papavassiliou, G.** Statistique de l'Hospice municipal d'Athènes (1836-1902) Ann. méd. chir. inf., Par., 1903, 7: 558-65.—**Schmidt, R.** Neue Krankenhäuser in Griechenland. Zschr. ges. Krankenhauswes., 1939, 323-7.—**Svichnikov, I. N.** [The Russian hospital in memory of Alexander Georgievna, Queen of Greece, in the Piraeus] Med. pribav. k. morsk. sborn., 1909, pt 2, 159-67.—**Svoronos, N.** La statistique des migrations et du tourisme en Grèce. Bull. Inst. internat. statist., Haye (1936) 1937, 29: No. 2, 68-85.

— Anthropology, and ethnology.

BRANDT, L. R. *Social aspects of Greek life, in the sixth century B. C. [Columbia University] 108p. 8° Phila., 1921.

PENKA, K. Die vorhellenische Bevölkerung Griechenlands. 49p. 8° Hildburghausen [1911]

Andréades, A. De la population de Constantinople sous les empires byzantins. Metron, Rovigo, 1920, 1: No. 2, 68-119.—**Ervine, St. J.** John Turtle Wood, discoverer of the Artemision, 1869. Isis, Bruges, 1938, 28: pt 2, 376-84, portr.—**Fröhner, W.** Anthropologie des vases grecs. Chron. méd., 1926, 33: 163-8.—**Hösel, A.** Der Mensch in der Feiertagsgestaltung; vom griechischen Fasching. Zschr. Menschenk., 1934-35, 10: 209-15.—**Körner, T.** Bericht über rassenkundliche Untersuchungen in Monembasia und Areopolis an der Südküste des Peloponnes. Zschr. Ethnol., 1939-40, 71: 116-29.—**Landerer, Z.** Notizie mineralogiche ed archeologiche della Grecia. Gior. farm. chim., Tor., 1872, 21: 13-8.—**Medonca, U. de.** Les mœurs et les croyances du peuple Grec. Rev. Anthropol., Par., 1932, 42: 35-54.—**Picard, C.** La vie privée des anciens Grecs vue à travers leur art. Rev. Univ. Rio, 1932, 2. ser., No. 32, 23-7.—**Rose, A.** Die Frauen im heutigen Griechenland. Deut. Med. Presse, 1913, 17: 146-9. Also repr.—**Schultze, J. H.** Ein primitives Restvolk in Neugriechenland. Umschau, 1937, 41: 433-7.—**Sudhoff, K.** Älteste Stadt und Hafenbucht auf Kos und der Obsidianhandel im Ägäischen Meere. Naturwissenschaften, 1927, 15: 335-7. Also Sudhoffs Arch., 1929, 21: 327-32. ——— An account of the most ancient trade relations of Cnidos and Cos. Ann. M. Hist., 1930, n. ser., 2: 13. ——— The Doric settlement of the Island of Cos. Ibid., 13-8.

— Medical history.

See also **Medical history**, ancient; also names of Greek physicians.

AETIUS. Libri medicinales I-IV; ed. Alex-ander Olivieri. 408p. 8° Lpz., 1935.

COGLIEVINA, B. Die homerische Medizin; eine medizin-kulturhistorische Skizze. 52p. 8° Graz, 1922.

DEICHGRÄBER, K. Die griechische Empirikerschule; Sammlung der Fragmente und Darstellung der Lehre. 398p. 8° Berl., 1930

DEUBNER, O. Das Asklepieion von Pergamon. 64p. 19cm. Berl., 1938.

DIELS, H. Die Fragmente der Vorsokratiker. 5. Aufl. v.1-3, 1934-37. 3v. 24cm. Berl., 1934-37.

GREEK MEDICINE; being extracts illustrative of medical writers from Hippocrates to Galen. Transl. and annot. by Arthur J. Brock. 256p. 8° Lond., 1929.

JAEGER, W. Diokles von Karystos; die griechische Medizin und die Schule des Aristoteles. 244p. 24cm. Berl., 1938.

LUND, F. B. Greek medicine. 161p. 16° N. Y., 1936.

WELLMANN, M. Die Schrift des Dioskurides; ein Beitrag zur Geschichte der Medizin. 78p. 8° Berl., 1914.

Alberti, G. Sindacalismo medico nell'antica Grecia. Ann. igiene, 1938, 48: actual., 55-9.—**Ancient (An)** Greek inscription. Lancet, Lond., 1916, 1: 579.—**Andrews, E.** Cretan origin of Greek medicine. Bull. Soc. M. Hist. Chicago, 1928-30, 4: 235-48.—**Bakker, C.** [Influence of Empedocles and Aristotle upon medicine in magics of the ancient Greeks and Romans] Bijl. gesch. geneesk., 1930, 10: 29-44. Also Ned. tschr. geneesk., 1930, 74: 507-22.—**Barbillion.** L'orge dans la médecine hippocratique. Paris méd., 1923, 50: annexe, 458-61.—**Bell, J.** Greek medicine. Irish J. M. Sc., 1937, ser. 6, 569-77.—**Bick, E. M.** The cult of Asklepios; a critical study. Ann. M. Hist., 1927, 9: 327-31.—**Braithwaite, H. M.** The Amphiaroon, Oropos, Attica. J. R. Nav. M. Serv., 1926, 12: 33-5.—**Brunn, W. v.** Von der Entwicklung der griechischen Heilkunde. Zschr. ärztl. Fortbild., 1938, 35: 179-82.

Wie kam die Griechenmedizin zu uns? Ibid., 207-10.

Also repr.—**Caton, R.** The health temples of ancient Greece.

Hospital, Lond., 1914, 55: 503.—**Cawadias, A. P.** From

Epidauros to Galenos the principal currents of Greek medical

thought. Ann. M. Hist., 1931, n. ser., 3: 501-14.—**Contiades,**

G. La faculté de médecine d'Athènes. Presse méd., 1938, 46:

1887.—**Creutz, R.** Die Blüte der Griechenmedizin in Alexan-

dria. Med. Welt, 1940, 14: 872-5.—**Cult (The)** Aesculapius

in Greece and Italy. Lancet, Lond., 1914, 2: 903.—**Cumston,**

C. G. The birth of the Centaur Chiron. Med. J. & Rec.,

1925, 122: 483.—**Dalmases, V.** Medicina en la antigüedad;

Grecia. Dia méd., B. Air., 1935, 7: 1023; 1076; 1216.—

Dana, C. L. The temples of Aesculapius with note on incubation

and the therapeutics of dreams. Bull. N. York Acad. M.,

1926, n. ser., 2: 344-51.—**Courten, M. L. de.** Una lettera ad

un medico e una ricetta in un papiro greco del V Sec. D. C.

(PSI 297) Rendic. Ist. lombarda sc. lett., 2. ser., 1917,

212-9.—**Diepgen, P.** Ein grosser Arzt und eine grosse Zeit

in der Geschichte der griechischen Medizin. Deut. med.

Wschr., 1939, 65: 303-6.—**Edelstein, L.** Greek medicine in

its relation to religion and magic. Bull. Inst. Hist. M., Balt. 1937,

5: 201-46.—**Gade, F. G.** [Remarks on sanatoria in antiquity;

the excavations at Hippocrates' Asklepieion at Cos] Norsk.

mag. legevid., 1906, 5. R., 4: 1097-105.—**Ganszynie, R.**

Apollon als Heilgott. Arch. Gesch. Med., 1923, 15: 33-42.—

Garrison, F. H. The gods of the Underworld in ancient medicine.

Bull. Johns Hopkins Hosp., 1918, 29: 332. Also Proc.

Charaka Club, N. Y., 1919, 5: 35-51.—**Gask, G. E., Comrie,**

J. D. [et al.] What medicine owes to Greek culture. Lancet,

Lond., 1939, 2: 90-4.—**Gilruth, J. D.** Medicine in early Greek

mythology. Edinburgh M. J., 1935, 42: 661-76.—**Gladstone,**

E. The lure of medical history; Dioecles of Carystos, and his

letter to King Antigonus. California West. M., 1931, 34:

409-11.—**Gossen, H.** The legacy of Greece and medical

thought in ancient Rome. Ciba Symposia, 1939-40, 1: No. 2,

3-18.—**Govanis, J.** La cirugía en los poemas homéricos.

Med. ibera, 1920, 13: 177; 199; 219; 237. 1921, 14: 8.—**Greek**

and Roman medicine. Scalpel, Gainesville, Fla., 1931, 2:

6-9.—**Greek medicine in Rome, Asclepiades; the school of the**

Methodists; Celsus. Med. Life, 1930, 37: 458-70.—**Guiart, J.**

La médecine grecque aux temps héroïques de Mino à Homère.

Biol. méd., Par., 1925, 15: 293; 341. ——— La médecine

n'est pas née dans les temples d'Esculape. Biol. méd., Milano,

1928, 18: 49-77.—**Guthrie, D.** Greek medicine. Med. Press

& Circ., Lond., 1910, 204: 143-8.—**Hagedorn.** Die Heilkunde,

insbesondere die Chirurgie in der griechischen Antike. Deut.

Zschr. Chir., 1928, 212: 153-65.—**Health temples in ancient**

Greece. Boston M. & S. J., 1915, 173: 406-8.—**Helme, F.**

De la décence des médecins et quelques autres propos renou-

velés des Grecs et des modernes. Presse méd., 1909, 17:

annex, 833-6.—**Herman Bouman, K.** Le miracle grec. Psy-

chiat. neur. bl., Amst., 1934, 38: 335-43.—**Himes, I.** Some

notes on taking the cure in the temple of Asklepios at Epi-

dauros. Occup. Ther. Rehabil., 1936, 15: 353-67.—**Holst, A.**

[Pathogenesis and etiology in ancient Greek and Roman

medicine] Norsk mag. legevid., 1927, 88: 935-49.—**Homerio**

physicians. Boston M. & S. J., 1911, 164: 618.—**Jeanselme, E.**

Funambules, équilibristes et jongleurs byzantins. Bull.

Soc. fr. hist. méd., 1926, 20: 350-4. Keenan, M. E. St Gregory of Nazianzus and early Byzantine medicine. Bull. Hist. M., Balt., 1941, 9: 8-30. — Kempf, E. J. From Hippocrates to Galen. Med. Libr. Hist. J., 1904, 2: 282-307. — Kersenbergen, L. C. [Medicine in Greek antiquity] Ned. tsehr. geneesk., 1936, 80: Suppl. No. 28, 3305-21. — Kleiweg de Zwaan, J. P. De geneskunde ten tijde van Homerus. Ibid., 1913, 2: 352-8. — Korner, O. Ueber Spuren des jonischen Forschungstriebes in Ilias und Odyssee und über die Verwertung homerischer Erkenntnisse im Corpus Hippocraticum und in der Tiergeschichte des Aristoteles. Sudhoffs Arch., 1931, 24: 185-201 [Bemerkungen von Ernst Fuld] 202-4. — Kousis, A. L'évolution de la médecine en Grèce. Congr. internat. hist. méd., 9. Congr., 1932, 64-6. — Ligeros, K. A. Homeric period of medicine. In his How ancient healing [etc.] N. Y., 1937, 186-219. — McMurrich, J. P. Greek medicine. Canad. J. M. & S., 1930, 67: 75-81. — Medical art (The) in the Homeric poems. Lancet, Lond., 1907, 1: 104. — Neveu, R. La médecine civile en Grèce avant Hippocrate. France méd., 1906, 53: 447-51. Also Méd. orient., Par., 1907, 11: 89-95. — New (A) Greek monument to Asklepios and Hygieia. Lancet, Lond., 1911, 2: 1243. — Noury, P. Le culte d'Esculape en Grèce. Chron. méd., 1905, 12: 769-77. — Oliver, J. R. Greek medicine. Internat. Clin., 1927, 37. ser., 3: 237-47, 5 pl. — Greek medicine and its relation to Greek civilization. Bull. Inst. Hist. M., Balt., 1935, 3: 623-38. — Poissonnier, G. La médecine aux armées de la Grèce antique. Congr. internat. hist. méd., 1932, 9. Congr., 68. — Post-Hippocratic schools of medicine in relation to contemporary philosophy. Brit. M. J., 1906, 2: 712-5. — Relation (The) of early Greek philosophy to early Greek medicine. Ibid., 1: 931-3. — Riddell, W. R. Some medical treatment in ancient Athens. Med. Rec., N. Y., 1940, 151: 142. — Rose, A. A complete edition of the ancient Greek medical writers. Ibid., 1907, 71: 153. — Royen, P. Le temple de la santé récemment découvert à Cos. Scalpel, Liège, 1905-6, 8: 308-10. — Singer, C. Medicine in ancient Greece. Middlesex Hosp. J., Lond., 1921, 22: 88; 155. — Smith, B. History of medicine; Hippocratic period. South. California Pract., 1911, 26: 309-11. — Stewart, W. B. The cult of Asklepios. J. M. Soc. N. Jersey, 1931, 28: 603-7. — Sticker, G. Fieber und Entzündung bei den Hippokratikern. Sudhoffs Arch., 1930, 23: 40-67. — Story (The) of ancient medicine revealed by Greek inscriptions. Lancet, Lond., 1912, 1: 593. — Sudhoff, K. Handanlegung des Heilgottes auf attischen Weihetafeln; Reliefstudie. Arch. Gesch. Med., 1926, 18: 235-50, 4 pl. — Reisebriefe aus der Ägäis. Sudhoffs Arch., 1929, 21: 311-26. — Torrey, E. The Asclepion at Eidauros. Trained Nurse, 1929, 82: 745-50. — Wood, S. Homer's surgeons: Machaon and Podalirius. Lancet, Lond., 1931, 1: 892; 947. Also Messenger, Menasha, Wis., 1934, 31: 206. — Wright, J. The temple offerings to Aesculapius. N. York M. J., 1922, 116: 404-7. — Hints of medical and other interests in the Odyssey. Med. J. & Rec., 1925, 122: 667; 685; 1926, 123: 115. — Zervos, S. Détermination des noms des auteurs de 2 anciens textes médicaux. Grèce méd., 1909, 11: 25.

GREEFF, Richard, 1862-1938. Atlas of external diseases of the eye for physicians and students; transl. by P. W. Shedd. viii, 140p. 54 pl. 4°. N. Y., Rebman Co. [1909]

See also Pistor, Hermann, Greeff, R. [et al.]. Der Augenoptiker. 2v. 329p.; 303p. 8°. Weimar [1933]
For portrait, photograph, see collection in library. Also Klin. Mbl. Augenh., 1932, 89: front.

For biography see Zschr. ophth., 1932, 20: 97; 1938, 26: 161 (A. von Pflugk)

GREELEY, Horace, 1811-1872.

Daniel, A. S. [Biography] Med. Woman J., 1940, 47: 67.

GREELY, Adolphus Washington, 1844-

Reminiscences of adventure and service; a record of 65 years. xi, 356p. 15 pl. 8°. N. Y., C. Scribner's Sons, 1927.

GREEN, Arthur Jay. The science of the mind [a study of the mind and its effect upon the human body] 4 p. l. 237p. diagrs.; 15p. 8° Chic., Church of Advanced Truth [1933]
[Also] Supplement.

GREEN, Cordelia, 1832-1905.

Mosher, E. M. The history of American medical women. Med. Woman J., 1923, 30: 57.

GREEN, David E.

See Needham, Joseph, & Green, David E. Perspectives in biochemistry. 261p. 8° Cambr. [Eng.] 1937.

GREEN, Edgar Moore, 1863-1935.

Obituary. Pennsylvania M. J., 1934-35, 38: 628.

GREEN, Francis, 1742-1809.

Extract from the life of Francis Green. Am. Ann. Deaf, 1940, 85: 342-6.

GREEN, Frederick Robin, 1870-1929. State regulation of the practice of medicine. 39p. 8° Chic. Am. M. Ass. [1917]

For biography see J. Am. M. Ass., 1929, 92: 1539.

GREEN, H. L., & WATSON, H. H. Physical methods for the estimation of the dust hazard in industry. 56p. pl. 8° Lond., H. M. Stat. Off., 1935.

Forms No. 199, Spec. Rep. Ser. M. Res. Counc. Gt. Britain Privy Counc.

GREEN, Howard Whipple, 1893- Health councils. 24p. 8° Wash., 1932.

Forms No. 12, Misc. contr. on the costs of medical care.

— Cases of syphilis under treatment in Cuyahoga County during March 1938. viii, 50p. tab. ch. 28cm. Clevel., Acad. M. & Cleveland Health Counc. [1938] Also . . . March 1939. vi, 49p. incl. tab. diagr. 28cm. Clevel., Joint Soc. Hyg. Com. [1940]

— Infant mortality and economic status, Cleveland five-city area [1919-1937] 3 p. l. 123p. 28cm. [Clevel.] Cleveland Health Counc., 1939.

— Persons admitted to the Cleveland State Hospital, 1928-37. 3 p. l. 38p. map. tab. diagr. 28cm. Clevel., Cleveland Health Counc., 1939.

— Distribution of cases of syphilis treated in hospital out-patient departments, March 1939. p. l. 20p. incl. map. tab. 28cm. Clevel., Cleveland Health Counc. [1940]

GREEN, Julian Hartridge, 1900-

Jelliffe, S. E. Julian Green: American-French novelist as a psychiatrist. Tr. Am. Neur. Ass., 1935, 61: 157.

GREEN, Lawrence George. Secret Africa. 287p. pl. 8° Lond., S. Paul & Co. [1936]

GREEN, Louis. *Atypische Formen der multiplen Sklerose. 12p. 8°. Stetten-Basel, K. Schahl, 1937.

GREEN, Marie, 1903- *Untersuchungen über die Ausbreitung der Schleimhautanaesthesie bei Leitungsanaesthesie im Ober- und Unterkiefer [München] 23p. 8°. Neustadt (Holst.) H. Ehlers [1926]

GREEN, Matthew, 1696-1737. The spleen [a poem] ed. by W. H. Williams. xxiv, 88p. 16° Lond., Methuen & Co. [1936]

GREEN Robert M[ontraville] 1880-

Editor of Warren, John. Warren's handbook of anatomy [&c.] 384p. 4°. Cambr., Mass., 1930.

GREEN, Thomas Henry, 1841-1923. Green's manual of pathology and morbid anatomy. 13. ed., rev. and enl. by W. Cecil Bosanquet and G. S. Wilson (University series) viii, 624p. 6 pl. 8° Lond., Baillière, Tindall & Cox, 1923. Also 14. ed., rev. and enl. by A. Piney (University series) viii, 650p. 7 pl. 1928.

GREEN-ARMYtage, Vivian Bartley, 1882- Tropical midwifery; labour-room clinics. xvi, 173p. pl. 16° Calc., Thacker, Spink & Co., 1928.

See also Birch, E. A. Birch's management and medical treatment of children in India. 508p. 8° Calc., 1922.

GREENBAUM, Sigmund Samuel, 1890-

See Prinz, Hermann, & Greenbaum, Sigmund S. Diseases of the mouth and their treatment. 602p. 24½cm. Phila. [1935] Also 2. ed. 670p. [1939]

GREENBAY, Wis. Board of Health. Annual report. 1894-1900-1.

GREENBERG, Al[abraham] I[rving] 1907-

*Reflections on appendicitis [Marquette Univ.] 60p. 4°. Marshfield, Wis., 1931.

Typewritten.

GREENBERG, Joseph S., 1912- *Ueber Hyphenverschmelzung bei Dermatophyten; Beitrag zur Kenntnis der vegetativen Anastomosen der Pilze. 25p. 20½cm. Bonn, H. Trapp, 1938.

GREENBERG, Leon Arnold, 1907-

See Haggard, Howard W., & Greenberg, Leon A. Diet and physical efficiency. 180p. 8° N. Haven, 1935.

Also editor of Health. N. Haven, v.61-62, 1934-35.

GREENBERG, Sarah K[oslow] 1884—
See **Palmer, Rachel Lynn**, & **Greenberg, Sarah K.** Facts and frauds in woman's hygiene. 311p. 8°. N. Y., 1936.

GREENBIE, Marjorie Latta Barstow, 1891—
Be your age. 251p. 8°. N. Y., Stackpole Sons [1938]

GREENE, Arthur Maurice, 1872— Principles of heating, ventilating and air conditioning. vii, 446p. illust. diagrs. 8°. N. Y., J. Wiley & Sons, 1936.

GREENE, C. A. Build well; the basis of individual, home, and national elevation. ix, 227p. 8°. Bost., D. Lothrop & Co. [1885]

GREENE, Carl Hartley, 1896—
See **Carter, R. F.**, **Greene, C. H.**, & **Twiss, J. B.** Diagnosis and management of diseases of the biliary tract. 432p. 24cm. Phila., 1939.

GREENE, Charles Lyman, 1862— Medical diagnosis for the student and practitioner. 6. ed., rev. & enl. xxvii, 1468p. 13 pl. roy. 8°. Phila., P. Blakiston's Son & Co. [1926]

GREENE, Charles T[ull] 1879— The pupa of *Myocera tabanivora* Hall (Diptera) 2p. 8°. Wash., 1937.

Forms v.84, No. 3012 Proc. U. S. Nat. Mus.

— A new genus and 2 new species of the dipterous family Phoridae. p.181-5. 8°. Wash., 1938.

Forms v.85, No. 3037, Proc. U. S. Nat. Mus.

GREENE, Ellen F.

See **Bent, Michael J.**, & **Greene, E. F.** Rural Negro health [&c.] 85p. 23cm. Nashville, Tenn., 1937.

GREENE, Eunice Chace. Anatomy of the rat. xi, 370p. illust. pl. 4°. Phila., Am. Philos. Soc., 1935.

Forms v.27, n. s. Tr. Am. Philos. Soc.

GREENE, James Sonnett, 1880—, & **WELLS, Emilie J.** The cause and cure of speech disorders; a text book for students and teachers on stuttering, stammering and voice conditions. xv, 458p. 22½cm. N. Y., Macmillan Co., 1927.

GREENE, Justin L., 1910— *Les traumatismes de la région infundibulo-hypophysaire. 91p. 25cm. Par., L. Arnette, 1938.

[GREENE, M. B.] Therapeutic regional anesthesia; its role in rehabilitation of war time casualties and evacuation of the wounded, with special reference to new methods of diagnosis and surgical technique; by "137" [pseud.] 36p. illust. 23½cm. [Brooklyn, Post Grad. Ass. Region. Anaesth., 1939?]

GREENE, Mary Theresa.

[Biography] Med. Woman J., 1940, 47: 184, portr.

GREENE, Reuben. Problem of health: how to solve it. 294p. 8°. Bost., B. B. Russell, 1876.

GREENE, Robert H[olmes] 1861
Healthy exercise. 3 pts v, 167p., paged consec. 16°. N. Y., Harper & Bros., 1900.

GREENE, Willard Parker, 1871-1936.

Obituary. Minnesota Med., 1937, 20: 53.

GREENEWALD, Valentine. My concentration cure; a text-book of psychopractic. 146p. illust. pl. 8°. [Covington, Ky.] 1927.

— The truth and psychopractic. 24p. portr. narrow 8°. Covington, Ky. [1935]

GREENFIELD, Abraham Lincoln. Interpretation of dental radiographs. 4 p. l. 81p. 8°. Rochester, N. Y., Ritter Mfg. Co., 1928.

— X-ray technic and interpretations of dental roentgenograms. xiv, 254p. illust. diagr. 8°. Brooklyn, N. Y., Dent. Items of Interest Pub. Co., 1936.

GREENFIELD, Alfred Robert. *Die Wandlungen in der Ansicht von Ursprung der Syphilis [Bern] 23p. 23cm. Dornach, O. F. Knobel, 1939.

GREENFIELD, Gregor, 1901— *Beitrag zur Frage der allgemeinen Hygiene in Persien mit spezieller Berücksichtigung der Malaria. 29p. 8°. Berl., E. Ebering, 1933.

GREENFIELD, Joseph Godwin, 1884—, & **CARMICHAEL, E. Arnold.** The cerebro-spinal fluid in clinical diagnosis. x, 272p. 8°. Lond., Macmillan & Co., 1925.

GREENHILL, Jacob Pearl, 1895— Obstetrics for the general practitioner. xv, 304p. pl. 8°. N. Y., Nat. Med. Book Co., 1935.

— Office gynecology. 406p. illust. diagr. 21cm. Chic., Year Book Pub. [1939]

— Obstetrics in general practice. 448p. illust. diagr. 21cm. Chic., Year Book Pub. [1940]

See also **DeLee, Joseph B.**, & **Greenhill, J. P.** Obstetrics [&c.] 10v. 12° Chic. [1931]-40.

GREENISH, Henry George, 1855-1933. A text book of materia medica, being an account of the more important crude drugs of vegetable and animal origin designed for students of pharmacy and medicine. 5. ed. xiv, 561p. 8°. Lond., J. & A. Churchill, 1929. ALSO 6. ed. xiv, 564p. illust. 1933.

For biography see Bull. Acad. méd., Par., 1934, 3. ser., 111: 150-2 (J. Rougault)

GREENLAND.

See also **Eskimo.**

BERETNINGER og Kundgørelser vedrørende Grønlands styrelse. København, 1922—

NÖRLUND, P. Buried Norsemen at Herjolfsønes; an archaeological and historical study. 270p. 8°. Kbh., 1924.

In Medd. Grønland, 1924, 67: 1-270, ch.

Bartlett, R. A. Greenland expedition of 1935. In Explor. Smithson. Inst., 1935, 37-42. — Greenland expedition of 1939. Ibid., 1939, 57-62. — Cruise to Northwest Greenland, 1938. Ibid., 59-64.—**Bay-Schmith, E.** [Racial-biological researches in Greenland] Ugeskr. læger, 1926, 88: 880-2. Also Acta path. microb. scand., 1927, 4: 310-40.—**Carmichael, H.**, & **Dymond, E. G.** Upper air investigations in North-West Greenland. Proc. R. Soc., Lond., 1939, ser. A, 171: 345-59.—**Greenland culture; the Norsemen.** Nature, Lond., 1937, 140: 52.—**Greenland's plight** spurs Red Cross to send scout. Science News Lett., 1940, 37: 309.—**Jönsson, F.** Interpretation of the runic inscriptions from Herjolfsønes. Medd. Grønland, 1924, 67: 271-90, pl.—**Le Méhauté, P. J.** Un hivernage au Groenland avec la mission française de l'année polaire. Arch. méd. pharm. nav., 1935, 125: 5-39. — & **Tcherniakofsky, P.** Quelques considérations sur la nosologie des Esquimaux du Groenland oriental. Presse méd., 1934, 42: 491.—**Mathiasen, T.** The Eskimo archeology of Greenland. Annual Rep. Smithson. Inst., 1936, 397-404, 3 pl.—**Paterson, T. T.** Anthropogeographical studies in Greenland. J. R. Anthropol. Inst. Gr. Britain, 1939, 69: 45-76.—**Reddy, M. R.** Greenland and her people. Red Cross Courier, 1940-41, 20: No. 2, 10.

— Hygiene, and medicine.

Bertelsen, A. Fortsatte bidrag til belysning af lugevæsenets ordning i Grønland. Hospitalstidende, 1914, 5. R., 7: 1255-62.—**Duffield, W. L.** Greenland health conditions. N. York State J. M., 1934, 34: 403.—**Fountain, E.** A letter from the Arctic. S. Barth. Hosp. J., Lond., 1934-35, 42: 222.—**Hansen, F. C. C.** Anthropologia medico-historica Groenlandiae antiqua. Medd. Grønland, 1924, 67: 291-547, 85 pl.—**Krogh-Lund, G.** How is Greenland isolated in epidemiological respect? Ugeskr. læger, 1937, 99: 12-5.—**McKibbin-Harper, M.** Medical practice in Greenland. Med. Rev. of Rev., 1931, 37: 625-7.—**Saxtorph, S. M.** [Why do not young physicians like to go to Greenland?] Ugeskr. læger, 1937, 99: 795.

GREENLEAF, C. A. School health work in Cattaraugus County; a preliminary review of the school program of the Cattaraugus County health demonstration. xi, 80p. 8°. N. Y., Milbank Mem. Fund [1927]

GREENLEES, Thomas Duncan, 1859-1929.

Obituary. Caledon. M. J., 1929, 14: 67-70, portr. Also Lancet, Lond., 1929, 1: 365.

GREENMAN, Milton Jay, 1866-1937.

WISTAR INSTITUTE. PHILADELPHIA. Memoir of Milton J. Greenman; prepared by the Scientific

advisory committee of the Wistar Institute. 10p. 8°. Phila. [1938]

Donaldson, H. H. Obituary. Yearb. Am. Philos. Soc. (1937) 1938, 353-5.—Fox, H. [Obituary] Tr. Coll. Physicians Philadelphia (1937) 1938, 5: 40-2.—Murlin, J. R. [Biography] J. Nutrit., 1937, 13: 567-72, portr.—Obituary. Anat. Rec., 1937-38, 68: 263-5, portr.

— & DUHRING, Fannie Louise. Breeding and care of the albino rat for research purposes. 2. ed. 121p. 5 pl. fol. ch. 8°. Phila., Wistar Inst. Anat., 1931.

GREENOCK, Scotland. Medical Officer of Health. Annual report. Greenock, 1910-

GREENOUGH, Robert Battey, 1871-1937.

Allen, A. W. Memoir. Surg. Gyn. Obst., 1937, 64: 838-40, portr.—Balch, F. G. Biography. Proc. Am. Acad. Art. Sc., 1937-38, 72: 360-2.—Holmes, G. W. [Obituary] Am. J. Roentg., 1937, 37: 692-4, portr.—Jennings, J. E. [Obituary] Bull. Am. Coll. Surgeons, 1937, 22: 104.—Obituary. N. England J. M., 1937, 216: 439-41.—Simmons, C. C. Obituary. Tr. Am. Surg. Ass., 1938, 56: 456-8, portr.—Taylor, G. W. [Obituary] Bull. Harvard M. Alumni, 1937, 11: 45-7.

GREENPOINT Hospital [Brooklyn, N. Y.] Interns manual [ed. by Samson A. Seley] 3 p. l. 75p. 9cm. [Brooklyn, 1938]

Mimeographed.

GREENWOOD, Ernest, 1883- Who pays? xvi, 301p. illust. diagrs. 8°. Garden City, N. Y., 1934.

GREENWOOD, John, 1760-1819.

Weinberger, B. W. The books and instruments of John Greenwood. Bull. N. York Acad. M., 1934, 2. ser., 10: 661-5.

GREENWOOD, Major, 1880- Natural duration of cancer. iv, 26p. 8°. Lond., H. M. Stat. Off., 1926.

Forms No. 33, Rep. Pub. Health M. Subj. Gt Britain. Ministry Health.

— Epidemiology, historical and experimental. x, 80p. map. diagrs. 8°. Balt., Johns Hopkins Press, 1932.

— Epidemics and crowd-diseases; an introduction to the study of epidemiology. 3 l. 409p. tab. diagrs. 8°. Lond., Williams & Norgate [1935]

— The medical dictator, and other biographical studies. 213p. portr. 8°. Lond., Williams & Norgate [1936]

See also Smith, May, Leiper, M. A., & Greenwood, M. Sickness and labor wastage. 70p. 8°. Lond., 1936.

HILL, A., BRADFORD [et al.] Experimental epidemiology. 204p. xiip. tab. 8°. Lond., H. M. Stat. Off., 1936.

Forms No. 209, Spec. Rep. Ser. Med. Res. Council, Gt. Britain.

GREENWOOD, Thomas Porter, 1852-1927.

Obituary. Brit. M. J., 1927, 2: 370. Also Lancet, Lond., 1927, 2: 531.

GREENWOOD, William Osborne, 1871-

Biology and Christian belief. 192p. illust. 20½cm. N. Y., Macmillan Co., 1939.

GREER, Joseph H., 1851-

The drugless road to perfect health. 253p. 8° [Chic., n. pub., 1931]

GREER, Mary B. Fun and health. 128p. illust. 24½cm. Chic., A. Whitman & Co., 1938.

GREER, William Jones, 1870-1927.

Obituary. Brit. M. J., 1927, 2: 286. Also Lancet, Lond., 1927, 2: 362.

GRESKE, Hans Joachim, 1911-

*Komplikationen nach febrilem Abort [Kiel] 32p. 21cm. Bleicherode, C. Nieft, 1938.

GREEVEN, Rudolf, 1910-

*Haemorrhagische Calyxpyelitis; ein Beitrag zur essentiellen Hämaturie. 28p. 20½cm. Bonn, H. Trapp, 1937.

GREGARININA.

See also Sporozoa.

Adcock, E. M. The permeability of gregarine protozoa from the gut of the meal-worm. J. Exp. Biol., Lond., 1910, 17: 449-

63.—Bhatia, B. L. On the distribution of gregarines in oligochaetes. Parasitology, Lond., 1929, 21: 120-31.

Synopsis of the genera and classification of haplocyte gregarines. Ibid., 1930, 22: 156-67.

— & Setna, S. B. On some more gregarine parasites of Indian earthworms. Arch. Protistenk., 1925-26, 53: 361-77, 5 pl.—Forster, H. Gregarinen in schlesischen Insekten. Zschr. Parasitenk., 1938, 39, 10: 157-209.

— Beobachtungen über das Auftreten von Gregarinen in Insekten. Ibid., 644-73.—Gabriel, J. La Gregarina allacmae nov. sp., parasite de l'Allacma fusca L. en Russie subcarpatique. Tr. Inst. hyg. pub. tchéc., 1931, 2: 62-71, 2 pl.—Henry, D. P. Gregarines of the barnacles from Puget Sound and adjacent areas. Arch. Protistenk., 1938, 90: 414-31, pl.—Léger, L., & Duboscq, O. Nouvelles recherches sur les grégaires et l'épithélium intestinal des trachéates. Ibid., 1904, 4: 335-83, 2 pl.—Mackinnon, D. L., & Ray, H. N. Observations on dicystid gregarines from marine worms. Q. J. Micr. Sc., Lond., 1931, 74: 439-66, 4 pl.—Missiroli, A. Sulle sviluppo di una gregarina del Phlebotomus. Ann. igiene, 1932, 42: 373-7, pl.—Nevidomsky, M. M. [Gregarina ex adenocarcinoma murium] Trop. med. vet., Moskva, 1930, 8: 2-6.—Parodi, S. E., & Salmán, L. Gregarinas del Octopus tchuelchus. Reun. Soc. argent. pat. region. (1929) 1930, 5. Meet., 2: 922-7.—Poisson, R. Sur quelques grégaires, parasites de crustacés, observées à Luc-sur-Mer (Calvados) Bull. Soc. zool. France, 1924, 49: 238-48.—Reichenow, E. Die Gregarinen. In Handb. path. Protoz. (Prowazek) Lpz., 1931, 3: 1278-94.—Rey, P. Potentiel d'oxydo-réduction et sexualité chez les grégaires. C. rend. Soc. biol., 1931, 107: 611-4.

— Eugregarinida: Acephalinidea.

Gabriel, J. Biologie der Acephaline Urospora rhyacodrilh nov. sp. Arch. Protistenk., 1929, 67: 46-109, 4 pl.—Ganapati, P. N., & Aiyar, R. G. Life-history of a dicystid gregarine, Leucodia brasili n. sp. parasite in the gut of Lumbriconereis sp. Ibid., 1937, 89: 113-32.—Grell, K. G. Beobachtungen an der Eugregarine Colorhynchus heros A. Schneider. Ibid., 1939, 92: 320-8.—Hentschel, C. C. On the correlation of the life-history of the acephaline gregarine, gonosporal with the sexual cycle of its host. Parasitology, Lond., 1926, 18: 137; 1930, 22: 505.—Ray, H. On the gregarine, Lankesteria culicis (Rosa) in the mosquito, Aedes (stegomyia) albopictus skuse. Ibid., 1933, 25: 392-6, pl.—Tuzet, O. Une grégairine parasite de Hythina tentaculata L., Gonospora dubosqui n. sp.; appareil de Golgi, mitochondries, vacuome. Arch. zool. exp., Par., 1931-32, 71: Notes et Rev., 16-20.

Eugregarinida: Acephalinidea.

— Eugregarinida: Acephalinidea: Monocystidae.

De Martis, L. C. Sul micocito e sui movimenti delle gregarine monocistidee. Arch. Protistenk., 1927, 58: 253-71.—Hahn, J. Monocystis mrazeki, une nouvelle grégairine parasite de Rhynchelmis limosella et de Rh. komáreki Hrabě. Ibid., 1928, 62: 1-11, pl.—Roskin, G., & Levinson, L. B. Die kontraktile und die Skelettelemente der Protozoen; der Kontraktile und der Skelettapparat der Gregarinen (Monocystidae) Ibid., 1929, 66: 355-401, 2 pl.—Setna, S. B. Gravalina quadrispina, a new genus and species of monocystid gregarine parasite in an oligochaete, Pheretima heterochaeta (Mich.) Parasitology, Lond., 1927, 19: 335-7.—Valkanov, A. Untersuchungen über den Entwicklungskreis eines Turbellarienparasiten (Monocystella arndti) Zschr. Parasitenk., 1934-35, 7: 517-38.

Eugregarinida: Acephalinidea: Monocystidae.

— Eugregarinida: Cephalinidea.

Ball, G. H. The life history of Carcinocetes hesperus n. gen., n. sp., a gregarine parasite of the striped shore crab, Pachygrapsus crassipes, with observations on related forms. Arch. Protistenk., 1938, 90: 299-319, pl.—Chakravarty, M. Studies on Sporozoa from Indian millipede; life history of Stenophora ellipsoid n. sp. Ibid., 1934, 82: 164-8.

— Life-history of a cephaline gregarine, Hyalosporina cambolopsiae n. gen., n. sp. Ibid., 1935-36, 86: 211-8, pl. — Life-history of a cephaline gregarine, Hyalosporina rayi n. sp. Ibid., 1936-37, 88: 116-20.

— On the morphology and life history of a new cephaline gregarine, Stenophora shyamaprasadi n. sp. from the intestine of a chilopod Cormocephalus dentipes Poc. Ibid., 1939, 92: 67-72.—Grell, K. G. Der Kernphasenwechsel von Stylocephalus (Stylorhynchus) longicollis F. Stein; ein Beitrag zur Frage der Chromosomenreduktion der Gregarinen. Ibid., 1940, 94: 161-200, 4 pl.—Ray, H. Studies on Sporozoa from Indian millipedes; Stenophora khagendrae n. sp., with a note on its method of progression. Ibid., 1933, 81: 343-51.—Weschenfelder, R. Die Entwicklung von Actinocephalus parvus Wellmer. Ibid., 1938, 91: 1-60, 2 pl.

Schizogregarinida.

Beauchamp, P. de. Sur une grégairine nouvelle du genre Porospora. C. rend. Acad. sc., 1910, 151: 997-9.—Godoy, A., & Pinto, C. Cauleryella maligna n. sp. schizogregarina pathogenica para Celia allopia Lutz e Peryassu. Brasil med., 1922, 36: 46.—Grell, K. G. Untersuchungen an Schizogregarinen; Lipocystis polyspora n. g., n. sp., eine neue Schizogregarine aus dem Fettkörper von Panopra communis L. Arch. Protistenk., 1938, 91: 526-45, 2 pl.—Léger, L., & Duboscq, O. Le cycle évolutif de Porospora portunidarum Frenzel. C. rend. Acad. sc., 1913, 156: 1932-4. — Sur une nouvelle

schizogregarine à stades épidermiques et à spores monozyotiques. C. rend. Soc. biol., 1914, 76: 296. — Porospora nephropis n. sp. Ibid., 1915, 78: 368-71. — Léger, L., & Hagenmüller, P. Sur la morphologie et l'évolution de l'Ophryocystis schneideri n. sp. Arch. zool. exp., Par., 1900, 3. ser., 8: p. xl-xlv. — Mackinnon, D. L., & Ray, H. N. The life cycle of two species of Selenidium from the polychaete worm Potamilla reniformis. Parasitology, Lond., 1933, 25: 143-62, 5 pl. — Ray, H. N. Studies on some sporozoa in polychaete; gregarines of the genus Selenidium. Ibid., 1930, 22: 370-98, 4 pl. — Reichenow, E. Machadoella triatoma n. g., n. sp., eine Schizogregarine aus Triatoma dimidiata. Arch. Protistenk., 1935, 84: 431-45, pl. — Steopoc, I. Une nouvelle schizogregarine céolomique chez Nepa cinerea L. C. rend. Soc. biol., 1928, 98: 1365.

GREGARIOUSNESS.

See also Behavior, social; Group; Instinct; Sociology.

CARPENTER, C. R. A field study in Siam of the behavior and social relations of the gibbon (Hylobates lar) 206p. 8° Balt., 1940.

In Comp. Psychol. Monogr., 1940, 16: No. 5.

PLATH, O. E. Insect societies. p.83 141. 8° Worcester, 1935.

In Handb. Social Psychol. (Murchison, C.) Worcester, 1935.

Alvares, F. Tiersociologie. Umschau, 1926, 30: 615.

The behavior of mammalian herds and packs. In

Handb. Social Psychol. (Murchison, C.) Worcester, 1935, 185-

203. — Ellwood, C. A. The instinctive element in human society. Pop. Sc. Month., 1912, 80: 263-72. — Fischel, W. Beiträge zur Soziologie des Haushuhns. Biol. Zbl., 1927, 47: 678-96.

Friedmann, H. Bird societies. In Handb. Social Psychol.

(Murchison, C.) Worcester, 1935, 142-84. — Jenichen, R. Zur

Psychologie des Herdentriebes. Polit. anthrop. Rev., Hild-

burgh, 1912-13, 11: 265-8. — Lépiney, J. de. Sur l'instinct

grégaire chez Schistocerca gregaria Forsk. C. rend. Soc. biol.,

1930, 104: 352-4. — Locke, N. M. A preliminary study of a

social drive in the white rat. J. Psychol. Provincet., 1936, 1:

255-60. — MacBride, E. W. The herd instinct in animals, its

bearing on the bases of human society. Eugen. Rev., Lond.,

1929-30, 21: 97-108. — Olinto, P. Educabilidad dos instintos

Arq. med. leg. ident., Rio, 1939, No. 17, 312-5. — Parsons, E. C.

Gregariousness and the impulse to classify. J. Philos., 1915, 12:

551-3. — Paulesco, N. C. Localisation des instintos sociaux sur

l'écorce des lobes frontaux du cerveau. Arch. internat. physiol.,

Liège, 1931, 34: 322-31. — Schjelderup-Ebbe, T. Social be-

havior of birds. In Handb. Social Psychol. (Murchison, C.)

Worcester, 1935, 947-72. — Social (The) instinct. Nurs. Times,

Lond., 1937, 33: 933. — Waxweiler. Sur la modification des

instincts et particulièrement des instintos sociaux à propos des

variations expérimentales de Fréd. Houssay. Bull. Soc.

anthrop. Bruxelles, 1907, 26: 182-93. — Wolfe, D. L., & Wolfe,

H. M. The development of cooperative behavior in monkeys

and young children. J. Genet. Psychol., 1939, 55: 137-75.

GREGER, Leo, 1908—*Zur Frage des

Leukoderma syphiliticum [Münster] 18p. 8°

Quakenbrück, R. Kleinert, 1934.

GREGG, A. L. Tropical nursing; a handbook

for nurses and others going abroad. xi, 199p.

16° Lond., Cassell & Co. [1929]

GREGG, Donald, 1881-1939.

Ayer, J. B. Obituary. Arch. Neur. Psychiat., Chic., 1939,

42: 134.

GREGG, F[red] M[arion] 1867—, &

ROWELL, Hugh Grant. Health studies, home

and community; teacher's manual. 64p. 8°

Yonkers, N. Y., World Book Co. [1932]

GREGGERS, Hans Edgar, 1904—*Zur

Diagnostik der Halsschnittwunden bei Tötung

durch eigene oder fremde Hand. p.328-49. 8°

Kiel [n. pub.] 1931.

GREGGERS, Klaus. *Fütterungsversuche bei

Geflügel mit Fleisch und proteinreichen Futter-

mitteln tierischer Provenienz [Bern] 123p. 8°

Dresd., O. Franke, 1910.

GREGOIRE, Félix, 1895—*Etude phar-

macologique des produits dérivés du pétrole;

leurs applications médicales. 95p. 8° Par., E.

Le François, 1936.

GREGOIRE, Jean Eugène Victor, 1912—

*Vomissements périodiques avec acétonémie et

troubles de la glyco-régulation chez l'enfant.

58p. 24cm. Par., Jouve & cie, 1939.

GREGOIRE, Jules Jacques Désiré, 1907—

*Etude des arthropathies des hémiplegiques;

rôle des troubles sympathiques dans leur patho-

géné. 79p. 8° Par., Libr. M. Lac, 1931.

GREGOIRE, Raymond. Chirurgie de l'oeso-

phage. 178p. illust. 8° Par., Masson, 1935.

— Les indications opératoires dans les

splénomégales. 24p. 23cm. Par., J. B.

Baillière & fils, 1938.

For portrait see Brit. J. Urol., 1938, 10: 14.

— & COUVELAIRE, Roger. Apoplexies

viscérales séreuses et hémorragiques (infarctus

viscéraux) 181p. 8 pl. 24cm. Par., Masson

& cie, 1937.

GREGOIRE, Robert Emile, 1903—

*Signes radiologiques pulmonaires dans l'éry-

thème nouveau de l'enfant. 42p. 2 pl. 8°

Par., L. Arnette, 1931.

GREGOIRE, Robert Jules, 1906—*L'é-

preuve de la phénol-sulfone-phthaléine chez le

chien [Alfort] 57p. 8° Par., Libr. M. Lac,

1928.

GREGOIRE, Victor, 1870-1938.

Gilson, G. Volume jubilaire Victor Grégoire. Cellule,

Louvain, 1925, 35: p. i-xiv, portr.—Martens, P. Néerologie.

Ibid., 1939, 48: 5-46, portr.

GREGOIRE, Yvonne. Maternité. 260p.

20½cm. Par., F. Alcan, 1938.

GREGOR, Hugo, 1912—*Der Versuch

einer Gruppeneinteilung der fusiformen Stäb-

chen auf Grund morphologischer, kultureller

und immunbiologischer Merkmale. 23p. tab.

22cm. Königsb.-Pr., J. Raabe, 1935.

GREGOR, Willi, 1897—*Wechselformen

in der Therapie. 25p. 8° Berl. [n. pub.] 1932.

GREGORACI, Pier Nicola. La tubercolosi

guarisce; orientamento clinico e terapeutico.

733p. portr. 8° Nap., R. Contessa & Frat.,

1934.

GREGORI, Werner, 1907—*Ueber die

Desinfektionswirkung der Carvasept-Seifenlösung

[Breslau] 30p. 8° Görlitz, Hoffmann &

Reiber, 1931.

GREGORIUS, Karl, 1911—*Ueber Me-

dianecrosis idiopathica cystica bei Aneurysma

dissecans der Aorta mit Spontanruptur. 32p.

21cm. Tüb., C. Gulde, 1938.

GREGORY, Alice. The midwife: her book.

viii, 260p. 8° Lond., H. Frowe, Hodder &

Stoughton [1923]

GREGORY, Charlotte Leah, 1886—

See Reed, Charles Bert, & Gregory, Charlotte L. Ob-

stetrics for nurses. 3. ed. 399p. 8° S. Louis, 1930.

GREGORY, Cora Garber. Man's dynamic

equilibrium; a scientific study of man's motive

power. 89p. 8° [National City, Calif., C. G.

Garber, 1938]

GREGORY, Elisha Hall, 1824-1906.

Blair, V. P. Master surgeons of America. Surg. Gyn.

Obst., 1929, 48: 714-6, portr.

GREGORY, Hazel H. Chodak. Infant welfare

for the student and practitioner. xi, 144p.

8° Lond., H. K. Lewis & Co., 1926.

GREGORY, Jennie. A B C of the endocrines.

xiii, 126p. illust. 4° Balt., Williams & Wilkins

Co., 1935.

— A B C of the vitamins; a survey in

charts. xii, 93p. illust. diagr. 30 x 23½cm.

Balt., Williams & Wilkins Co., 1938.

GREGORY, John W[alter] 1864—The

menace of colour. 2. ed. 264p. pl. 8° Lond.,

Seeley, Service & Co., 1925.

GREGORY, Marcus. Psychotherapy, scien-

tific and religious. xvii, 495p. 23cm. Lond.,

Macmillan & Co., 1939.

GREGORY, Ralf von, 1913—*Zur Klinik

und Therapie der Nebenhodentuberkulose mit

besonderer Berücksichtigung ihrer Operations-
erfolge. 31p. 23cm. Halle, W. Hendrichs,
1937.

GREGORY, William King, 1876- Our
face from fish to man; a portrait gallery of our
ancient ancestors and kinsfolk together with a
concise history of our best features. 2 p. l.
xl, 295p. 17 pl. 8°. N. Y., G. P. Putnam's
Sons, 1929.

— Memorial of Bashford Dean. 42p.
8 pl. 4°. N. Y., Am. Mus. Nat. Hist., 1930.
For portrait, photograph see collection in library.

GREIF, Georg, 1911- *Die Strahlenbe-
handlung von Entzündungen mit besonderer
Berücksichtigung der Osteomyelitis, dargestellt
an zwei Fällen [München] 23p. 21cm. Speyer,
Pilger, 1936.

GREIF, Karl. *Toxikologische und thera-
peutische Versuche mit Creolin am gesunden
und künstlich mit Milzbrand und Hühnercholera
infizierten Kaninchen [Bern] 50p. 8°. Stuttg.,
Decker & Hardt, 1911.

GREIF, Léon, 1905- *Le syndrome de
dyskinésie de l'écriture (crampe des écrivains)
99p. 8°. Par., Picart, 1936.

GREIF, Samuel. Who's who in dentistry:
biographical sketches of prominent dentists in
the United States and Canada. 238p. 8°
N. Y., Who's Who Dental Pub. Co., 1916.

GREIFENBERG, Caecilie, 1910- *Kie-
feratrophie nach Zahnverlust nachgewiesen am
Unterkiefer. 31p. pl. 8°. Greifsw., H. Adler,
1935.

GREIFENHAHN, Georg, 1904- *Neuere
Ergebnisse in der Behandlung des Asthma
bronchiale und der Rhinopathia vasomotoria
[Berlin] 70p. 8°. Lauenburg-Pommern, O.
Amtmann, 1933.

GREIFENSTEIN, Jakob, 1906- *Ueber
Eklampsie und das spätere Schicksal ehemals
eklamptischer Frauen. 45p. 8°. Bonn [n. pub.]
1931.

GREIFF, Werner, 1901- *Beitrag zur
Frage der angeborenen Rachitis [Halle] 15p.
8°. Stuttg. [n. pub.] 1928.
Also Arch. Kinderh., 1928, 83:

GREIFSWALD, Germany. Medizinischer
Verein. 100 Jahre medizinische Forschung in
Greifswald; Festschrift zur Feier des 75jährigen
Bestehens des Medizinischen Vereins. Hrsg.
von H. Loeschke & A. Terbrüggen. 307p.
portr. 24cm. Greifsw., L. Bamberg, 1938.

GREIFSWALD, Germany.

FORSTMANN, D. *Die medizinisch-chirurgische
Lehranstalt zu Greifswald. 71p. 23½cm.
Berl., 1938.

GREIFSWALD. MEDIZINISCHER VEREIN. 100
Jahre medizinische Forschung in Greifswald.
307p. 24cm. Greifsw., 1938.

Bischoff, H. Die Kinderheilkunde in Greifswald. In 100
Jahre med. Forsch. Greifswald (Med. Ver.) Greifswald, 1938,
169-79.—**Brauch, F.** Die innere Medizin in Greifswald.
Ibid., 149-68.—**Ebhardt, K.** Die Chirurgie in Greifswald.
Ibid., 225-43.—**Herzberg, K.** Die Hygiene in Greifswald.
Ibid., 121-36.—**Hirt, A.** Die Anatomie von 1907 bis 1938
[in Greifswald] Ibid., 35-42.—**Hofe, K. vom.** Die Augen-
heilkunde in Greifswald. Ibid., 245-56.—**Hoppe-Seyler, F. A.**
Die physiologische Chemie in Greifswald. Ibid., 63-72.—
Jungmichel, G. Die gerichtliche und soziale Medizin in
Greifswald. Ibid., 115-20.—**Katsch, G.** Lehrer der Heil-
kunde und ihre Wirkungsstätten. Münch. med. Wschr., 1933,
80: [Kunstbeil.] 37-40.—**Linck, A.** Die Hals-Nasen-Ohren-
Heilkunde in Greifswald. In 100 Jahre med. Forsch. Greifswald
(Med. Ver.) Greifswald, 1938, 257-84.—**Loeschke, H., &
Terbrüggen, A.** Die Pathologie in Greifswald. Ibid., 93-
114.—**Malade, T.** Greifswald. Deut. med. Wschr., 1938,
64: 865; 901.—**Peter, K.** Die Anatomie in Greifswald von
1863 bis 1907. In 100 Jahre med. Forsch. Greifswald (Med.

Ver.) Greifswald, 1938, 27-34.—**Philipp, E.** Die Frauenheil-
kunde in Greifswald. Ibid., 201-24.—**Richter, W.** Die
Dermatologie und Syphilidologie in Greifswald. Ibid., 285-
92.—**Steinhausen, W.** Die Physiologie in Greifswald. Ibid.,
49-61.—**Störing, E.** Die Psychiatrie in Greifswald. Ibid.,
181-200.—**Terbrüggen, A.** Zur Geschichte des Greifswalder
Medizinischen Vereins und der Medizinischen Fakultät.
Ibid., 9-26.—**Waldmann, O.** Der Riems. Ibid., 137-47.—
Wels, P. Die Pharmakologie in Greifswald. Ibid., 73-92.—
Wetzel, G. Das Institut für Entwicklungsmechanik. Ibid.,
43-47.—**Wustrow, P.** Die Zahnheilkunde in Greifswald.
Ibid., 292-307.

GREIG, David Middleton, 1864-1936. Clini-
cal observations on the surgical pathology of
bone. xi, 248p. roy. 8°. Edinb., Oliver & Boyd
[1931]

— A Neanderthaloid skull presenting
features of cleidocranial dysostosis and other
peculiarities. 2 p. l. 63p. illust. pl. 8°
Edinb., Oliver & Boyd, 1933.

For biography see Edinburgh M. J., 1936, 43: 531-9, portr.

GREIG, John Russell, 1889-
Editor of **Hoare, Edward Wallis.** Hoare's Veterinary
materia medica & therapeutics. 5. ed. 510p. 8°. Lond., 1933.

GREIL, Alfred, 1876- Naturwissenschaftliche
Methodik der Gewächsforschung; ent-
wicklungsphysiologische Betrachtungen und Aus-
blicke. viii, 98p. 8°. Jena, G. Fischer, 1924.

— Das Krebsproblem; Rückblicke und
Ausblicke, Grund- und Scheinprobleme der
Krebsforschung, Behandlung und Verhütung.
viii, 181p. 23½cm. Lpz., J. A. Barth, 1925.

— Wie verhüten Kulturmenschen das
Krebsleiden? Ergebnisse der Deutschen Krebs-
konferenz in Düsseldorf; gemeinverständliche
Darlegungen des Wesens und der Bekämpfung
des Krebs Übels. 112p. pl. 8°. Münch., J. F.
Lehmann, 1926.

GREILING, Erich, 1902- *Beitrag zur
Kenntnis der Metastasen bei Hodentumoren.
78p. 8°. Marb., J. Hamel, 1927.

GREILING, Gebhard. *Insertion der Plazenta
in einer alten Kaiserschnittnarbe [München]
10p. 8°. Würzb., K. Triltsch, 1935.

GREIMER, Karl. Handbuch des praktischen
Desinfektors; ein Leitfaden für den Unterricht
und ein Nachschlagebuch für die Praxis. 2. Aufl.
xix, 197p. 8°. Dresd., T. Steinkopff, 1922.

— & **MICHAEL, Herbert.** The same. 3.
Aufl. xii, 203p. illust. 8°. Dresd., T. Stein-
kopff, 1937.

GREIN, Reinhold, 1899- *Die Emphyem-
skoliose im allgemeinen [Würzburg] 24p. 8°
Liebau, H. Hiltmann, 1932.

GREINER, Kurt. *Tomographische Dia-
gnostik der tuberkulösen Kaverne. 18p. 8°
Lpz., J. A. Barth, 1937.

Forms Heft 62, Tuberk. Bibl., Lpz.

GREINER, Kurt, 1906- *Beitrag zur
Reaktion der Leber auf Atropin. 12p. 8°
Münch., Bayer. Dr. & Verl., 1931.

GREINEMANN, Hermann, 1890- *Fall
von Tuben-Tuberkulose. 141p. 8° Lpz., E.
Lehmann, 1924.

GREINER, Erik, 1907- *Nierenverände-
rungen nach Unterbindung der Arteria renalis
beim Hunde. 16p. 21cm. Weende, F. Pieper,
1935.

GREINER, Karl, 1874- *Ueber die
desinfizierende Eigenschaft von Kremulsion
[Leipzig] 16p. 8° Amberg, K. Erhard, 1923.

GREINER, Roger, 1913- *Erythème
polymorphe et tuberculeuse. 90p. 25cm. Lyon,
M. & L. Riou, 1939.

GREINER, W[alter] 1904- *Zur Ver-
hütung der postoperativen Blutpfropfbildung
und der Blutpfropfverschleppung in die Lungen-

schlagadern durch Sympatol. 14p. 24cm. Gött., Dieterich, 1937.

Also Beitr. klin. Chir., 1936, 163:

GREINER, Wolfgang, 1898— *Die Durchströmung und Supravitalfärbung überlebender Placenten mit kolloidalen Farbstofflösungen [Kiel] 26p. 8° Berl. [n. pub.] 1932.

GREIS, Maximilian, 1902— *Eine übersichtliche Darstellung der gerichtlichen Zahnheilkunde auf Grund neuerer Forschungsergebnisse. 46p. 8° Würzb., Gebr. Memminger, 1935.

GREIS, Rudolf, 1903— *Die Luxation des os lunatum. 32p. 8° Bonn [n. pub.] 1933.

GREISER, Hellmut, 1910— *Ernährungsversuche an Säuglingen mit einem neuen Dextrin-Maltose-Gemisch; Alete-Nährzucker. 53p. 21cm. Freib. i. B. [n. pub.] 1937.

GREISHEIMER, Esther Maud, 1891— Physiology and anatomy. xiv, 609p. illust. 2 pl. tab. diagrs. 8° Phila., J. B. Lippincott Co. [1932] Also 3. ed. xvii, 706p. illust. pl. tab. diagrs. [1936]

— & **BLOUNT, Raymond F.** The same. 2. ed. xiv, 697p. illust. pl. 8° Phila., J. B. Lippincott Co. [1933]

GREISSLER, Sigmund, 1908— *Le troisième bruit du cœur et le dédoublement physiologique du deuxième bruit (diagnostic avec les rythmes pathologiques à trois temps) 70p. 9 ch. 8° Par., L. Cario, 1936.

GREIZ, Germany.

Schmieden, H. Der Erweiterungsbau des Thüringischen Landeskrankenhauses zu Greiz. Zschr. ges. Krankenhauswes., 1926, 7-13.

GREKOV, Ivan Ivanovich, 1867-1934.

[Obituary] Soviet. klin., 1934, 20: 549.

GREL, Pierre, 1914— *Tuberculose pulmonaire et cancer gastrique; le paradoxe des adénopathies caséuses juxta-cancéreuses. 61p. 24cm. Par., M. Vigné, 1939.

GRELL, Guenther, 1910— *Beiträge zur Behandlung der habituellen Luxation des Kiefergelenks. 29p. 8° Berl. [n. pub.] 1935.

GRELLETY Bosviel, Pierre, 1891— *La circulation veineuse périphérique: recherches physiologiques et cliniques basées sur la mesure de la pression veineuse. 225p. 8° Par., A. Legrand, 1925.

GREMEAU, Albert, 1884— *Essai sur le métabolisme des glucides et des lipides dans la peau. Considérations sur leur aptitude pigmentogène [Paris] 241p. 8° Dijon, Bernigaud & Privat, 1929.

GREMIATSKY, M.

Editor of *Antropologicheskii jurnal* [Journal of anthropology] Moskva, 1932-33.

GREMLIZA, Ludwig, 1912— *Ueber die Bedeutung der psychophilen Keime für die Konservierung von Nahrungsmitteln [Würzburg] 22p. 21cm. Zuffenhausen, H. Henkel, 1937.

GREMMLER, Josef, 1910— *Zur Frage der Osteodystrophia fibrosa. 25p. 8° Berl., W. Schwarz, 1935.

GREMONT, Théophile, 1914— *A propos de 2 cas de grossesse tubaire non rompue et tordue. 35p. 24cm. Par., A. Legrand, 1939.

GREMPER, Gerold, 1908— *Ein Fall von eigentümlicher Salvarsanschädigung [Erlangen] 27p. 8° Coburg, A. Rossteutscher, 1936.

GREMPER, Berko, 1905— *Ulcères variqueux chez les syphilitiques. 38p. 8° Par., L. Cario, 1936.

GREN [Friedrich Albert] Karl, 1760-98.

Schulz, H. [Biography] Deut. Zschr. Chir., 1931, 234: 6-18.

GRENADA, British West Indies. Colonial Secretary. Blue book. Grenada, 1919; 1922-

GRENADA, British West Indies. Registrar General. Medical and Sanitary Department. Report and general abstracts of births, deaths, and marriages. Grenada, 1907-

GRENADE.

See *Punicaceae*.

GRENAUD, Marcel, 1902— *Les xanthomes familiaux. 89p. 8° Par., Jouve & cie, 1927.

GRENA, Kurt, 1910— *Vergleichende Untersuchungen über die spasmolytische Wirkung von Papaverin, Papavodrin und Pavyco. 9p. 22cm. Königsb. Pr., J. Raabe, 1935.

GRENDMEYER, Hans. *Die Genital- und Peritonealtuberkulosen an der Gynäkologischen Abteilung der Kantonalen Krankenanstalt Aarau in den Jahren 1921-26 [Zürich] 34p. 8° Reinach, E. Tenger, 1928.

GRENET, Henri. Conférences cliniques de médecine infantile. 270p. 8° Par., Vigot frères, 1932. Also 2. ser. 266p. illust. diagrs. 1933. Also 3. ser. 332, 1p. illust. 1934. Also 4. ser. 340p. illust. diagrs. 1936.

— Diphtérie. p.202-60. 8° Par., 1934. In *Traité méd. enfants* (Nobécourt & Babonneix) Par., 1934, 2:

— Le traitement des vomissements des nourrissons. 57p. 8° Par., J. B. Baillière, 1936.

— **LEVENT, R., & PELLISSIER, L.** Les syphilis viscérales tardives. 378p. 8° Par., Masson & cie, 1927.

GRENET, Jacqueline [née Cazamian] 1908— *Contribution à l'étude des formes malignes de la maladie rhumatismale chez l'enfant. 111p. pl. 8° Par., Vigot frères, 1934.

GRENET, Jean, 1899— *Contribution à l'étude des paralysies générales sans syndrome humoral. 50p. 8° Par., Libr. M. Lac, 1930.

GRENET, Marcel Alfred Marie, 1907— *Contribution à l'étude du rein et des fonctions rénales au cours de la diphtérie. 92p. 8° Par., Vigot frères, 1934.

GRENET, Pierre, 1900— *Contribution à l'étude des tumeurs cancéreuses multiples des os du crâne, chez l'enfant. 52p. 8° Par., A. Legrand, 1926.

GRENET, Pierre, 1911— *Les formes mortelles des cardiopathies rhumatismales chez les enfants. 127p. 25cm. Par., Vigot frères, 1939.

GRENFELL, Sir Wilfred Thomason, 1865-1940. Forty years for Labrador. xii, 365p. pl. portr. 8° Lond., Hodder & Stoughton, 1933.

For portrait, photograph see collection in library.

For biography see Brit. M. J., 1940, 2: 576, portr. Also Bull. Acad. M. Cleveland, 1940, 25: No. 11, 14 (L. B.) Also J. Am. M. Ass., 1940, 115: 1470.

See also Hall, A. G. Doctor Wilfred Grenfell. 64p. 18° Lond. [1930] Also Hayes, E. H. Forty years on the Labrador; the life-history of Sir Wilfred Grenfell. 128p. 8° N. Y. [1930]

GRENIER, Gabriel, 1872— *Contribution à l'étude de l'oxalorachie. 23p. 8° Par., Jouve & cie, 1926.

GRENIER, Gabriel, 1913— *Contribution à l'étude du traitement chirurgical des communications bucco-nasales et bucco-sinuales acquises. 53p. 24cm. Par., Vigot frères, 1939.

GRENIER, Paul, 1908— *De l'association du protoxyde d'azote au tribromoéthanol. 89p. 8° Lyon, Bose frères, 1934.

GRENIERBOLEY, Jean, 1899— *Contribution statistique à l'étude de la réaction

d'opacification de Meinicke dans le séro-diagnostic de la syphilis. 47p. 8° Par., Impr. Labor, 1926.

GRENIER de Cardenal, Louis Jean, 1913-
*Gastrectomie pour suppression d'acidité dans les ulcères duodénaux inenlèvementables. 80p. 25½cm. Lyon, E. Vitte, 1939.

GRENON, Pierre, & TEULE, Marcel. Vademecum de l'officier d'administration de réserve. 3. éd. 260p. 12° Par., Charles-Lavauzelle & cie, 1936.

GRENFZFRAGEN des Nerven- und Seelenlebens. Münch., Heft 14, 1913-

GRENZ ray.

See under Roentgen ray.

GREPINET, Hubert Marie Joseph, 1909-
*Les atrophies rénales unilatérales. 187p. 8° Par., V. Degrange, 1938.

GREPPIN, Jean. *Les phénomènes d'immunité dans la leucémie transmissible des poules [Lausanne] 35p. 24cm. Par., Masson & cie, 1937.

GREPPIN, Marcel. *Ueber einen Fall von parathyreopraver Tetanie mit Kataraktbildung und Epithelkörperchentransplantation. 20p. 8° Basel, B. Schwabe & Co., 1923.

Also Schweiz. med. Wschr., 1922, 52: 1260-4.

GRES, René, 1912- *A propos de l'action des dérivés sulfamidés sur certaines pneumopathies aiguës au cours de la rougeole. 36p. 24cm. Par., E. Le François, 1939.

GRESEMUNDUS, Theoderic, jr. Carmen elegiacum in laudem St. Rochi. p.12a. 19cm. Mainz, 1495.

See Maldura. In vitam St. Rochi.

GRESHAKE, Paul, 1906- *Die Schulgesundheitsfürsorge und ihre Anwendung in der Stadt Münster (Westf.) [Münster] 19p. 8° Werne-Lippe, F. Grube, 1937.

GRESHOFF, Maurits, 1862-1909. Indische vergiftrapporten. 3. uitg. 121p. 23cm. Gravenh., Gebr. van Cleef, 1914.

For biography see In Gallerie hervorr. Ther. & Pharm. dyn. Gegenw., Genève, 1897, 401, portr.

GRESLE-BORDET, Louise, 1905- *Contribution à l'étude de la constipation du nourrisson; ses causes; ses remèdes. 85p. 8° Par., A. Legrand, 1933.

GRESLY, Roland. *Contribution à l'étude des courants électriques à haute fréquence et leur emploi en art dentaire. 28p. 8° Genève, Impr. du Commerce, 1926.

GRESS, E[rnest] M[ilton] 1876- Poisonous plants of Pennsylvania. 52p. illust. 8° Harrisburg, 1935.

Forms No. 5, v.18, Bull. Pennsylvania Dep. Agr.

GRESSARD, Louis Marcel Jacques, 1898-
*Etude sur le traitement de certaines affections abdominales douloureuses par les irradiations locales de chaleur et de lumière rouge associées (thermo-érythrothérapie) 66p. 8° Par., Jouve & cie, 1927.

GRESSE, Richard, 1908- *Contribution à l'étude de la salpingectomie double avec conservation de l'utérus et de l'ovaire dans le traitement des annexites bilatérales. 79p. 8° Par., Jouve & cie, 1936.

GRESSER, Erwin, 1911- *Schicksal der Kranken mit Prostatahypertrophie, die keiner Radikaloperation unterworfen sind [Heidelberg] 16p. 8° Darmstadt, K. F. Bender, 1936.

GRESSLER, Elisabeth, 1910- *Becken-spaltung (theoretische Erörterungen und prak-

tische Ergebnisse) 39p. 21cm. Würzb., J. Schacherer, 1938.

GRESSLER, Lotte. *Gonorrhoeische Erkrankungen des Nervensystems [Freiburg] 24p. 8° Kiel, K. J. Rössler, 1931.

GRESSLER, Margot, 1904- *Die Ergebnisse der Behandlung von Oberschenkelbrüchen in den Jahren 1920 bis 1929, in der chirurgischen Universitätsklinik. 114p. 8° Berl., 1936.

Mimeograph.

GRESSNER, Gerhard, 1909- *Die Missbildungen der Niere, mit besonderer Berücksichtigung der Langnieren und ihrer klinischen Bedeutung. 22p. 22½cm. Berl., R. Pfau, 1937.

GRESSNER, Herbert, 1908- *Skelett-reifung und ihre Beziehung zu Schilddrüse und Thymus [Berlin] 62p. 8° Freib. i. B., R. Rebholz, 1934.

GRESSY, Fernand Paul, 1899- *La phase pré-symptomatique de la paralysie générale. 113p. 8° Par., Jouve & cie, 1929.

GRETE, Walter, 1896- *Geheilter Temporalappenabscess nach Felsenbeinfractur. p.245-64. 8° Zür., C. Brühwiler, 1932.

Also Arch. Ohr. & c. Heilk., 1932, 131:

GRETENER, Hans, 1899- *Ueber einen Fall von Paragangliom der Nebenniere bei von Recklinghausenscher Krankheit (Neurofibromatose) und tuberöser Sklerose (Glyose) im Kleinhirn [Zürich] 52p. 8° Weida, Thomas & Hubert, 1929.

GRETH, H. Diagnostik der Pulpaerkrankungen. 116p. 8° Berl., H. Meusser, 1933.

Forms Heft 25, Abb. klin. Zahnk.

GRETHE, Walter, 1909- *Die Hilfsmittel zur Behandlung des tiefen Bisses und ihre Wirkung [Göttingen] 27p. 8° Hannover, W. Drehmel, 1933.

GRETTVE, Sten. Morphologische und tier-experimentelle Studien über das Schleimhautrelief des Magen-Darmkanals; Beitrag zur Kenntnis der anatomischen Unterlage des Schleimhautreliefs und des Mechanismus der Faltenbildung. 124p. roy. 8° Stockh., P. A. Norstedt & söner, 1936.

Forms Suppl. 31, Acta radiol.

GRETZER, Hans, 1907- *Erfahrungen über die Diagnostik bei Hirntumoren. 19p. 8° Würzb., A. V. Schneider, 1934.

GREUER, Siegfried Wilhelm, 1907- *Untersuchungen über die Auflösung von Silber im Gewebe. 16p. 23cm. Lpz., A. Edelmann, 1937.

GREUL, Hans Jürgen, 1905- *Ueber bisher unbekannte Befunde bei der Heubner'schen Enderarteritis obliterans der Hirnarterien [Kiel] 24p. 22½cm. Bethel-Bielefeld, Dr Bethel, 1933.

GREULICH, Gerhard, 1911- *Die Bedeutung der Kraftmessung mit besonderer Berücksichtigung der Kaudruckmessung. 19p. 8° Münch. Bayer. Dr. & Verl. Anst. [1935]

GREULICH, Herbert, 1909- *Zusammenstellung der Abdruckmethoden und des Verfahrens für partiellen und totalen Ersatz. 15p. 8° [Münch., Bayer. Dr. & Verl., 1934]

GREULICH, Otto, 1911- *Die Verbreitung der Karies unter den Kleinkindern [Freiburg i. B.] 31p. 8° Speyer, Pilger, 1936.

GREUNE, Hermann, 1905- *Experimentelle Untersuchungen über örtliche Verschiebungen der aktuellen Reaktion bei Knochenbrüchen [Würzburg] 8p. 8° Lpz., F. C. W. Vogel, 1931.

Also Deut. Zschr. Chir., 1931, 230;

- GREUNER, Paul [Abrecht]** 1894- *Ueber einen Fall von Ossificatio plana peritonealis beim Schwein [Giessen] 42p. 8°. Wittenberg, Gebr. Bischoff, 1925.
- GREUNUSS, Werner**, 1908- *Wie wirkt sich die Milzexstirpation auf Knochenwachstum und Kallusbildung aus? 16p. 8°. Greifsw., H. Adler, 1935.
- GREUTER, Alfred**, 1901- *Klinischer Beitrag zur Vergiftung durch Amanita phalloides. 38p. 8°. Zür., Gebr. Leemann & Co., 1930.
- GREVE, Adolf [Wilhelm]** 1900- *Erfahrungen mit Voluntal; zugleich ein Beitrag zur objektiven Prüfung von Schlafmitteln [Erlangen] p.6-18. 8°. Berl., J. Springer, 1926.
Also Zschr. klin. Med., 1925-26, 102.
- GREVE, Carlheinz**, 1900- *Zur Leberfunktionsprüfung mittels Farbstoff unter besonderer Berücksichtigung des Tetraiodphenolphthaleinnatriums. 63p. 8°. Erlangen, Höfer & Limmert, 1927.
- GREVE, Gerda**, 1908- *Die Gastro-Duodenostomie als Verfahren zur chirurgischen Behandlung des Magengeschwürs [Göttingen] 20p. 21cm. Duderstadt, F. Wagner, 1937.
- GREVE, Hans Christian**, 1870- Aphorismen zur Kulturgeschichte der Zahnheilkunde und des zahnärztlichen Standes. viii, 91p. pl. 8°. Lpz., G. Thieme, 1930.
See also Blum, H. Professor Christian Greve zum 70. Geburtstage. Deut. zahnärztl. Wschr., 1940, 43: 196, portr.
- & **PASCHKE, H.** Einführung in die Zahnersatzkunde. viii, 116p. illust. 8°. Stuttg., F. Enke, 1932.
- GREVE, Horstfried**, 1909- *Beitrag zur Statistik der Hypertonie [Heidelberg] 13p. 8°. Halle, E. Klinz, 1937.
- GREVE, Karl**. Der Heilverlauf von einfachen und komplizierten Unterkieferfrakturen mit besonderer Berücksichtigung des Mandibularkanals und der Zähne. 64p. 8°. Lpz., G. Thieme, 1927.
Forms Heft 67, Deut. Zahnk.
- GREVELINK, Emile**, 1913- *Contribution à l'étude des fièvres ovariennes. 60p. 24cm. Par., E. Le François, 1938.
- GREVELINK, Gertrude**, 1893- *Les paralysies récurrentielles pré- et post-opératoires dans les goîtres. 62p. 8°. Par., Le François, 1933.
- GREVEN, Kurt**, 1911- *Modellversuche zur Bestimmung der Reflexionsbedingungen der Pulswellen an der Peripherie des arteriellen Windkessels. 26p. 8°. Münch., Hohenhaus, 1937.
- GREVEN, Wilhelm**, 1907- *Lungenkomplikationen nach Narkose [Freiburg i. B.] 38p. 8°. Köln, F. Paffenholz, 1932.
- GREVENER, Heinz**, 1910- *Versuche über die resorptive Wirkung von Aconitinsalben nebst einer Methode zum Nachweis und zur Bestimmung des Aconitins auf biologischem Wege. 18p. 8°. Tüb., A. Becht, 1934.
- GREVENSTUK, A., & LAQUEUR, E.** Insulin; seine Darstellung, physiologische und pharmakologische Wirkung mit besonderer Berücksichtigung seiner Wertbestimmung (Eichung) 281p. 8°. Münch., J. F. Bergmann, 1925.
- GREVENSTUK, Antonie**. *Experimenteele bijdragen tot de kennis van de zoogenaamde gebonden suiker van het bloed. viii, 75p. 2 l. 7 diagr. tab. 8°. Amst., J. H. de Bussy, 1929.
- GREVERIE, Robert**, 1910- *Troubles cardiaques persistants après phrénicectomie gauche. 53p. 8°. Par., M. Vigné, 1936.
- GREVILLIOT, Emile**, 1904- *Sur un cas de réticulogranulomatosose maligne diffuse à prédominance cutanéomusculaire, avec état leucémique terminal; contribution à l'étude des granulomatoses malignes [Strasbourg] 89p. 9 pl. ch. 8°. Mulhouse, Impr. Union, 1932.
- GREVILLIUS, Ake**. Ueber maligne Hodengeschwülste; eine pathologische und klinische Studie. 131p. 8°. Upps., Appelberg, 1937.
Forms Suppl. 48, v.79, Acta chir. scand.
- GREVIN, Fernand**, 1910- *Suppurations pharyngées et nasales associées à la diphtérie. 60p. 8°. Par., Jouve & cie, 1937.
- GREVIN, Jacques**, 1901- *Les pigmentations de la muqueuse buccale dans leurs rapports avec la syphilis. 81p. 8°. Par., M. Vigné, 1931.
- GREWE, Hubert**, 1911- *Ueber den Einfluss von Bleiacetat, Quecksilberchlorid und Saltyrgan auf die Sauerstoffzehrung in überlebendem Gewebe [Münster/Westf.] 15p. 21cm. Werne a. d. Lippe, F. Grube, 1936.
- GREWELING [Johanna] Maria** 1912- *Desinfektionsversuche mit Trichloräthylen, Methylenchlorid und Äthylenchlorid in alkoholisch-wässriger Lösung. 19p. 21cm. Würzb., P. Scheiner, 1937.
- GREWER, Martha**, 1910- *Drei Fälle von angeborenem halbseitigen Riesenwuchs, ein Beitrag zur Kasuistik des Riesenwuchses. 39p. pl. 20½cm. Bonn, H. Trapp, 1938.
- GREY, Viscount Edward**, 1862- Twenty-five years, 1892-1916. 2v. 331p.; 352p. pl. 8°. N. Y., F. A. Stokes Co., 1925.
- GREYERZ, Walther von**. *Ueber die oberhalb von Dickdarmverengungen auftretenden Darmgeschwüre [Bern] 42p. 8°. Lpz., J. B. Hirschfeld, 1905.
- GREYSS, François**. *Contribution à l'étude des grossesses compliquées de fibrome proevia. 34p. 8°. Lausanne, J. Kawa, 1933.
- GREYSTONE Park (Morris Plains) N. Jersey. State Hospital at Greystone Park**. Annual report. Morris Plains, 1885-
Incomplete.
- GREZE, Jean Antoine Auguste Louis Etienne**, 1908- *Les diabètes à régulation glycémique insulino-instable. 75p. 25cm. Bord., J. Bière, 1934.
- GREZKOWIAK, Joseph**, 1900- *Klinische und experimentelle Untersuchungen über die Wirkung des Urotropins [Münster] 20p. 7 ch. 8°. Düsseld., Weickert & Koblo [1930]
- GRIBL, Karl**, 1909- *Die Möglichkeiten der Kariesprophylaxe und ihre Auswertung zur Hebung der Volksgesundheit [Würzburg] 24p. 8°. Augsburg, H. Rösier, 1935.
- GRIBOVAL, Marie Louise**, 1909- *La première attaque de la maladie de Bouillaud chez l'enfant. 125p. 8°. Par., A. Legrand, 1936.
- GRICOUROV, Georges**, 1899- *Etude histologique de l'action des rayons X sur l'ovaire à la période d'ovogénèse. 72p. 9 pl. 8°. Par., Presses Univ. France, 1930.
- GRICOUROV, Nina**, 1897- *Le lait évaporé dans les vomissements habituels des nourrissons. 66p. 8°. Par., L. Arnette, 1930.
- GRIEB, Edwin**, 1909- *Die Frage der symmetrischen Schmelzfehler und Karies an atypischen Stellen (nach Schuluntersuchungen der Verfasser an 1057 Kindern im 1. bis 8.

Schuljahr) 39p. 20½cm. Bonn, A. Brand, 1938.

GRIEBEL, C. Mikroskopie. p.463-536. 25½cm. Berl., J. Springer, 1933.

In Handb. Lebensmittelchem. (Bömer, A.) 1933, Bd 2, Teil 1.

— Gewürze. p.321-515. 25½cm. Berl., J. Springer, 1934.

In Handb. Lebensmittelchem. (Bömer, A.) Bd 6.

— Mykologische Untersuchungen. p.155-662. 25½cm. Berl., J. Springer, 1935.

In Handb. Lebensmittelchem. (Bömer, A.) 1935, Bd 2, Teil 2.

— Mikroskopische Untersuchung der Stärkemehle und Müllereierzeugnisse einschliesslich der mykologischen und biologischen Prüfung. p.117-209. 25½cm. Berl., J. Springer, 1938.

In Handb. Lebensmittelchem. (Bömer, A.) Bd 5.

GRIEBEN, Ernst Günter, 1913- *Das Röntgenbild als Stütze der klinischen Diagnose [Leipzig] 19p. 21cm. Lengerich, Handelsdr. [1936]

GRIEBEN, Gernot [Georg] 1909- *Ueber den Einfluss der Kontraktionen der Darmmuskulatur auf die Darmdurchblutung. 16p. 8°. Rostock, Adler, 1935.

GRIEBSCH [Wilhelm] Werner, 1904-

*Ueber das Schicksal der Fingerkuppenverletzungen. 23p. 8°. Lpz., A. Edelmann, 1935.

GRIECO, Vicente. *O pigmento cutaneo; anatomia, physiologia, pathologia. 95p. 13 pl. 8°. S. Paulo, Rossolillo, 1931.

GRIEDER, Hugo. *Oligodynamische Wirkung von fein strukturiertem Silber [Basel] 15p. 8°. Bülach, A. Meier-Weiss, 1929.

GRIEF.

Dumas, G. La tristesse. Rev. sc. Par., 1933, 71: 455-63. — **Lewis, M. C.** Ailments from grief. Homoeop. Rec., 1938, 53: No. 11, 24-9.

GRIEFENBERG, Heinrich. *Ueber congenitale Irianomalien [München] 11p. 8°. Neustadt a. d. Waldnaab, P. Ender, 1926.

GRIEGER, Dorothea [geb. Meissner] 1904- *Nachuntersuchungen über kriminelle und asoziale Jugendliche [Breslau] 16p. 8°. Berl., W. deGruyter & Co. [1932]

GRIEGER, Franz, 1908- *Bedeutung der Lues als Komplikation gynäkologischer Operationen. 25p. 8°. Heidelberg, A. Lipp, 1934.

GRIEGER, Johannes, 1906- *Ueber spontane Aortenrupturen und traumatische Herzrupturen und ihre Begutachtung [Breslau] 16p. 8°. Glogau, C. Flemming & C. T. Wiskott, 1931.

GRIEP, Franz Joachim, 1907- *Ueber die Entgiftung des Natriumfluorids durch peroral dargereichten Kalk (ein Beitrag zur Frage des biologisch-aktiven Kalkes) 16p. 8°. Halle [n. pub.] 1936.

GRIEPENTROG, Friedrich, 1902- *Gliomatose der weichen Häute des Gehirns und Rückenmarks bei Glioma malignum des Kleinhirns. 64p. 4 pl. 8°. Halle, O. Jung, 1930.

GRIEPENTROG, Walter, 1906- *Die Diathermie im Dienste der Zahnheilkunde. 44p. 21. 8°. [Berl., n. pub.] 1930.

GRIER, James. A history of pharmacy. xi, 274p. pl. 16°. Lond., Pharm. Press, 1937.

GRIES, Herbert, 1906- *Ueber die Kombination von Novokain und Kaliumsulfat. 14p. ch. 8°. Halle, O. Jung, 1932.

GRIESBACH, Hermann Adolf, 1854- Die Physiologie und Hygiene der Ernährung in populärwissenschaftlicher Darstellung und die Beschaffung von Nährwerten im Weltkriege. 110p. 12°. Dresd., Holze & Pahl, 1915.

— Medizinisches Wörter- und Nachschlagebuch. 2 pts. xxii, 815p.; 313p. 16°. Giessen, A. Töpelmann, 1927.

GRIESBACH, Luise, 1903- *Meningitis bei Impfkurkuren [Heidelberg] 15p. 8°. [Erfurt, M. Albrecht] 1928.

GRIESBECK, Josef, 1901- *Ein Beitrag zur Frage des vesico-uretralen Refluxes nach Ureterimplantationen [Berlin] 20p. 8°. Charlottenb., Gebr. Hoffmann, 1934.

GRIESE, Heinrich, 1910- *Tierexperimentelle Untersuchungen über die Beeinflussung der bakteriziden Kraft und des Zuckerspiegels im Blut durch Zufuhr von Biskirchener Karlsprudel. 18p. 23cm. Marb., J. A. Koch, 1937.

GRIESE, Karl, 1906- *Die Erfahrungen an 269 Fällen von Extrauterin gravidität der Jahre 1926 bis 1931 [Münster] 33p. 8°. Dortmund, K. Strauch, 1933.

GRIESEL, Anneliese, 1909- *Klinischer Beitrag zur Frage des Kropfherzens unter besonderer Berücksichtigung der retrosternalen Strumen. 15p. 6 tab. 22½cm. Freib. i. B., W. Wiemken, 1935.

GRIESHABER, Hans, 1907- *Ueber Beziehungen des Blutcholesterins zum Kohlehydratstoffwechsel mit besonderer Berücksichtigung des Diabetes mellitus. 29p. 8°. Zür., Fluntern, 1934.

GRIESHABER, Hellmuth, 1908- *Kombinierte Leber-Eisen-Therapie bei perniziöser Anämie [Freiburg i. B.] 19p. 2 ch. 21cm. Schramberg, Gatzler & Hahn, 1937.

GRIESHABER, Walter [Andreas] 1912- *Der Einfluss von Sympatol im Vergleich zum Adrenalin auf den Blutzuckerspiegel bei Stoffwechselgesunden [Tübingen] 30p. 20½cm. Stuttgart, T. Körner, 1938.

GRIESHAMMER, Walter, 1905- *Operative Varicenbehandlung und ihre Erfolge. 22p. 8°. Lpz., Spamer, 1934.

GRIESHEIM, Margarete Christine von, 1901- *Ueber 2 Fälle von essentieller Hypertension nach Commotio cerebri [Jena] 14p. 8°. Stadtroda, E. & E. Richter, 1932.

GRIESINGER, Wilhelm, 1817-68. **Beitzendahl, W.** Erinnerung an Griesinger. Mschr. Psychiat., 1938, 98: 271-83. — **Pratt, G. K.** [Biography] Ment. Hyg., 1930, 14: No. 2, portr.

GRIESLER, Ursula, 1912- *Zur Kasuistik der Odontome [Münster] 23p. 8°. Emsdetten (Westf.) H. & J. Lechte, 1937.

GRIESS, Erika, 1899- *Retinitis punctata albescens. 26p. 8°. Berl., Gebr. Hoffmann, 1933.

GRIESSHABER, Albert [Adolf] 1909- *Ueber das weisse Blutbild der weissen Maus bei Milzbrandseptikaemie unter besonderer Berücksichtigung der Menge der Milzbrandbazillen im Blut. 18p. 8°. Tüb., G. Gulde, 1933.

GRIESSMANN, Heinz, 1909- *Das Pneumatographum bei Kreislaufinsuffizienz [Leipzig] 18p. 8°. Zeulenroda, A. Oberreuter, 1933.

GRIEVANCE mania.

See under **Delusional states.**

GRIEVE, Kelburne King, 1883-1936.

Obituary. Lancet, Lond., 1936, 2: 1492.

GRIEVES, Clarence Jones, 1868-1927.

Kelsey, H. E. [Obituary] J. Dent. Res., 1927-28, 8: 325-37, portr.

GRIFFIN, Anthony J. The legislative brain: remarks ... in the House of Representatives. 1p. 4°. Wash., Gov. Print. Off., 1933.

GRIFFIN, Appleton Prentiss Clark, 1852-
PHILLIPS, P. Lee, & PARDO de Tavera, T. H. Bibliography of the Philippine Islands: a list of books in the Library of Congress, with chronological list of maps in the Library of Congress: Biblioteca Filipina. 2 pts. xxi, 397p.; 439p. 8°. Wash., Gov. Print. Off., 1903.

GRIFFIN, D. R. Migrations of New England bats. p.218-46. 5 pl. 8°. Cambr., Mass., 1940. Forms No. 6, v.86, Bull. Mus. Comp. Zool. Harvard.

GRIFFIN, Edward Mason. The technic of resilient arch assemblage. 89p. [3] l. 8°. Newark, N. J., Alpine Press [1930]

GRIFFIN, Ernest Harrison, 1877-1936.
 Obituary. Guy's Hosp. Gaz., Lond., 1936, 50: 124. Also Lancet, Lond., 1936, 1: 688, portr.

GRIFFIN, Frederic William Waudby, 1881-1940. The scientific basis of physical education. viii, 203p. illust. diags. 8°. Lond., H. Milford, 1937.

See also **McConnel, J. K., & Griffin, F. W. W.** Health and muscular habits. 159p. 8°. Lond., 1937.
 For biography see Brit. M. J., 1940, 1: 279.

— & **THOMPSON, W. F. M.** Aids to practical pathology. x, 246p. 12°. Lond., Baillière, Tindall & Cox, 1923.

GRIFFIN, John Douglas Morecroft, 1906-
LAYCOCK, Samuel Ralph, & LINE, William. Mental hygiene; a manual for teachers. xi, 291p. diagr. 21cm. N. Y., American Book Co. [1940] Am. Psychol. ser. (H. E. Garrett)

GRIFFIN, Lawrence Edmonds, 1874- A guide for dissection of the dogfish (*Squalus acanthias*, *Squalus suckleyi* or *Mustelus canis*) 6. ed. 37p. illust. 8°. [Portland, Oreg. Commercial Print. Co.] 1935.

GRIFFINI, Romolo, & VERGA, Andrea. Il processo Agnoletti sotto il rapporto medicolegale. 18p. 21½cm. Milano, Rechiedei, 1872.

GRIFFITH, Alexander, 1859-1938.
 Obituary. Brit. J. Ophth., 1938, 22: 123, portr.

GRIFFITH, Charles Marion, 1882-
 [Biography] Mil. Surgeon, 1935, 77: 297, portr.
 Portrait (photograph) see collection in library.

GRIFFITH, Edward Fyfe. Modern marriage and birth control. 221p. 8°. Lond., V. Gollancz, 1935.

— Voluntary parenthood. xi, 141p. diags. 8°. Lond., W. Heinemann, 1937.

— Sex in everyday life. 379p. 8°. Lond., G. Allen & Unwin [1938]

— The childless family; its cause and cure. 128p. illust. pl. 19cm. Lond., K. Paul, & Co. [1939]

GRIFFITH, Francis Llewellyn, 1862- , & **THOMPSON, Herbert.** The demotic magical papyrus of London and Leiden. 3v. fol. Lond., H. Grevel & Co., 1904-9.

GRIFFITH, Ira Samuel. Carpentry. 3. ed. 188p. illust. 8°. Peoria, Ill., Manual Arts Press [1919]

GRIFFITH, Ivor, 1891- Recent remedies; a collection of over 500 recent additions to the American prescriber's materia medica. 2 p. l. 102p. 12°. N. Y., Am. Drug. [1927] Also 146p. 12°. N. Y., Am. Drug. [1927]

— Lobscocks; the clean-up of an editorial kitchen. 4 p. l. 548p. illust. diagr. 23½cm. Phila., Internat. Print. Co. [1939]

GRIFFITH, John Price Crozer, 1856- , & **MITCHELL, A. Graeme.** The diseases of infants and children. 2. ed. 2v. xiii, 788p.; 65p. 4 pl.; viii, 927p.; 65p. 6 pl. 8°. Phila., W. B. Saunders Co., 1927. Also 2. ed. rev. reset. xv, 1154p. illust. pl. tab. ch. 1937.

GRIFFITH, Robert Allen, 1874- , & **PERLMAN, Theodore H.** Dental physical therapy. 266p. 8°. Chic., Ill., Physicians' Rec. Co., 1930.

GRIFFITH, Robert Eglesfeld, 1798-1850. Medical botany: or descriptions of the more important plants used in medicine with their history, properties, and mode of administration. xv, 704p. illust. 8°. Phila., Lea & Blanchard, 1847.

GRIFFITHS, Arthur. The history and romance of crime from the earliest times to the present day. 12v. 8°. Lond., Grolier Soc. [192?]

CONTENTS

Chronicles of Newgate. 2v. 351p.; 312p.
 Early French prisons. 317p. 4 pl.
 German and Austrian prisons. 296p. 3 pl.
 Italian prisons. viii, 276p.
 Millbank penitentiary. 324p. 4 pl.
 Modern French prisons. 258p. 4 pl.
 Non-criminal prisons. 305p. 4 pl.
 Oriental prisons. vii, 284p. 3 pl.
 Prisons over-seas. 346p. 3 pl.
 Russian prisons. 292p. 2 pl.
 Spanish prisons. 3 pl.

GRIFFITHS, Hugh Ernest. Injury and incapacity; with special reference to industrial insurance. viii, 270p. 8°. Lond., Baillière, Tindall & Cox, 1935.

GRIFFITHS, John S. Health and personality. 320p. 12°. Lond., Hodder & Stoughton [1924]

GRIFFITHS, Ruth. A study of imagination in early childhood and its functions in mental development. xiv, 367p. illust. diags. 8°. Lond., K. Paul & Co. 1935.

GRIFFITHS, William Arthur. Malta: the halting place of nations. p.445-78. 8°. Wash., 1920.

In Nat. Geographic Mag., 1920, 37:

GRIFFITHS, William Layard, 1871-1935.

Isaac, C. L. [Obituary] Brit. M. J., 1935, 2: 647.

GRIFFITHS, Samuel Powel, 1759-1826.

Middleton, W. S. Biography. Ann. M. Hist., 1938, n. ser., 10: 474-90.

GRIGAT, Reinhard [August Johannes] 1903-
 *Ueber Verletzungen der Gallenblase. 27p. 8°. Königsb. i. Pr., J. Raabe, 1933.

GRIGNE, Jean, 1914- *Contribution à l'étude de l'ouabaïne; médicament d'entretien des cardiopathies. 46p. 24cm. Par., Le François, 1940.

GRIGNOLO, Federico. Lesioni traumatiche di guerra dell'apparato visivo; note statistiche, osservazioni e considerazioni cliniche. 80p. 8°. Tor., Unione Tipogr. Ed. Torinese, 1919.

GRIGO, Waldemar, 1906- *Die Einwirkung der Monobromessigsäure auf Dehydrierungsvorgänge. 20p. 8°. Münst. Westf., B. Schenk, 1931.

GRIGORESCO, Marin, 1905- *De l'ozonothérapie, application dans les suppurations mastoïdiennes chroniques après intervention chirurgicale à l'hôpital Beaujon-Clichy. 53p. 24cm. Par., L. Rodstein, 1938.

GRIGORIEV, P[avel] S[emenovich] 1879-
 Editor of Klinicheskiy jurnal Saratovskogo Universiteta Saratov, 1928-29.

See also **Rakhmanov, V.** [Thirty-fifth anniversary of scientific, pedagogic and social activity of Prof. P. S. Grigoriev] Vest. vener., 1939, No. 4, 66, portr.

GRIGOROV, Tzoloff Ilia, 1896- *Contribution à l'étude des fractures diaphysaires fermées de la jambe; nécessité de la réduction immédiate d'urgence. 67p. 8°. Lyon, Impr. des Facultés, 1937.

GRIJNS, Gerrit, 1865- Researches on vitamins, 1900-11, and his thesis on the physi-

ology of the n. opticus, translated and reedited by a committee of honour on occasion of his 70. birthday. xviii, 251p. illust. tab. portr. roy. 8°. Gorinchem, J. Noorduyt & Zoon, 1935.

GRILICHES, Rosa. *Ueber die pharmakologische Wirkung kombinierter Urethane und Alkohole. p.468-78. 8°. [Bern] G. Fischer, 1913.

GRILL, Claes, 1896- *Kavernenstudien; physikalisch-diagnostische Gesichtspunkte betreffend die Syntomatologie der kavernenösen Lungentuberkulose. 124p. 8 pl. 8°. Upps., Almqvist & Wiksell, 1929.

— Kavernenstudien physikalisch-diagnostische Gesichtspunkte betreffend die Syntomatologie der kavernenösen Lungentuberkulose. 124p. 8 pl. 8°. Stockh., P. A. Norstedt & Söner, 1929.

Forms Suppl. 28, Acta med. scand.

GRILLO, Joaquin, 1909- *Experimentelle Untersuchung über die Schutzimpfung gegen Shigaruhr. 25p. 8°. Berlin, Gebr. Hoffmann, 1935.

GRILLPARZER, Franz, 1791-1872.
Decurtis, F. Beiträge zur Kenntnis der Persönlichkeit Franz Grillparzers. Allg. Zschr. Psychiat., 1934, 102: 313-30.
Grillparzer in psychopathologischer Beleuchtung. Zschr. ges. Neur. Psychiat., 1933, 148: 620-54.

GRIM, Ulysses J., 1866-1938.
Obituary. Illinois M. J., 1939, 75: 188.

GRIMA, Cecile, 1900- *Contribution à l'étude du sérum sanguin, absorption dans l'ultraviolet de l'ultrafiltrat sérique. 77p. 25cm. Lyon, Bosc frères, 1938.

GRIMAL, Maurice Marcel, 1907-
*L'évolution du paludisme dans la région de Bône (de 1830 à nos jours) 47p. 8°. Par., Jouve & cie, 1934.

GRIMAL, René. *L'alcoolisme du jeune soldat; l'acte délictueux et son expertise médico-legale [Lyon] 87p. 8°. Trevoux, Impr. J. Jeannin, 1912.

GRIMALDI, Francisco E. Cirugía renal conservadora. 3 p. l. [ix]-xiii, 249p. illust. 24cm. B. Air., J. Vicenti & cía, 1939.

GRIMALDI, Gregory [Joseph] 1904-
*Observations on diabetic coma [Marquette Univ.] 16p. 4°. Wauwatosa, Wis., 1933.
Typewritten.

GRIMANELLI-MALARTIC, Andrée, 1911-
*Greffes ovariennes. 80p. 8°. Par., A. Legrand, 1936.

GRIMAUD, Jean Baptiste Robert, 1898-
*Variations familiales associées (hémiplégie cubitale partielle, exostoses-ostéogéniques syndactyle) 48p. 8°. Par., Ed. médicales, 1926.

GRIMAUD, Noël, 1913- *L'ostéomyélite aiguë du maxillaire supérieur du nourrisson. 123p. 25½cm. Lyon, Bosc frères, 1939.

GRIMAUD, René, 1910- *La fièvre ondulante dans le Vaucluse. 103p. 8°. Lyon, Bosc frères, 1935.

GRIMAUT, René, 1912- *De l'invagination appendiculaire. 58p. 8°. Par., L. Arnette, 1937.

GRIMBERG, Jean, 1906- *Contribution à l'étude de la conductivité des sérums normaux et pathologiques. 59p. 8°. Par., Jouve & cie, 1934.

GRIMBERT, Léon Louis, 1860-1931.
Bernier, R. [Nécrologie] Bull. Soc. chim. biol., Par., 1932, 14: 692-6.

GRIMES, Charles W. A story outline of evolution. 286p. 8°. Somerville, N. J., C. P. Hoagland Co., 1937.

GRIMES, Eli, 1867-1934.

Obituary. J. Iowa M. Soc., 1934, 24: 124-6, portr.

GRIMES, John Maurice, 1885- Institutional care of mental patients in the United States. xv, 138p. 8°. Chic. [1934]

GRIMM, Albert. *Zwei Fälle von angeborener Enge der Aorta. 36p. 8°. Zür., Zürcher & Furrer, 1882.

GRIMM, Albert, 1850-1926.
Ziegler, H. Nekrolog. Schweiz. med. Wschr., Basel, 1926, 56: 631.

GRIMM, Georg, 1904- *Die Unterscheidung von Rauschbrand- und Pararauschbrandbazillen mittels der Haemolyse-Reaktion im Reagenzglas. 39p. 8°. Giessen [n. pub.] 1934.

GRIMM, Hans. *Die Todesfälle an venerischen Krankheiten im Kanton Basel-Stadt in den Jahren 1890-1934. 32p. 22½cm. Basel, J. Heuberger, 1937.

GRIMM, Heinz, 1908- *Beitrag zum Kapitel: Gravidität bei Nephrektomierten [Kiel] 20p. 23½cm. Osnabrück, Meinders & Elstermann, 1933.

GRIMM, Heinz, 1908- *Operationsergebnisse bei Cataracta complicata nach Beobachtungen an der Universitäts-Augenklinik Würzburg in den Jahren 1925 bis 1934. 20p. 8°. Würzb., R. Mayr, 1937.

GRIMM, Helma, 1903- *Ueber die Tuberkulose der mesenterialen Lymphdrüsen. 27p. 8°. Bonn, P. Kubens, 1927.

GRIMM, Karl, 1912- *Untersuchungen über die Körperzusammensetzung weisser Mäuse im nichtschwangeren und schwangeren Zustand; experimentelle Untersuchungen. 27p. 22cm. Bonn, H. Trapp, 1936.

GRIMM, Oswald, 1899- *Beitrag zur Histogenese des Morbus Paget. 13p. 22cm. Königsb.-Pr., J. Raabe, 1935.

GRIMM, Victor, 1878- Das Asthma. viii, 336p. roy. 8°. G. Fischer, 1925.

GRIMMEKE, Friedrich, 1910- *Zur Lehre von den Pankreascysten. 35p. 8°. Bonn, H. Trapp, 1935.

GRIMMER, Herbert, 1911- *Zur Frage der Arachnodaktylie. 24p. 23cm. Lpz., A. Edelmann, 1937.

GRIMMER, Kurt Herbert, 1912- *Beitrag zur Desinfektion der Bauchhöhle. 55p. 21cm. Lpz., A. Edelmann, 1936.

GRIMMER, W. Lehrbuch der Chemie und Physiologie der Milch für Human- und Veterinärmediziner, Nahrungsmittelchemiker, Land- und Milchwirte sowie Studierende. 2. Aufl. xi, 326p. 8°. Berl., P. Parey, 1926.

GRIMOIRE ou la magie naturelle. 600p. 12°. La Haye [ca 1600?]

GRIMONET, Maurice, 1914- *La pyélographie intraveineuse comme procédé d'exploration rénale chez les prostatiques. 63p. 24cm. Lyon, Impr. du Salut Pub., 1939.

GRIMONI, Erna, 1907- *Ueber die Beeinflussbarkeit der Temperatur, des weissen Blutbildes und der subjektiven Beschwerden durch Antipyretica bei Erzeugung künstlichen Fiebers durch Pyreifer [Königsberg] 12p. 25½cm. [Münch., F. X. Geitz] 1935.

GRIMSBY, Engl. Grimsby and District Hospital. Annual reports. Grimsby, 17-24., 1894-1901.

GRIMSDALE, Harold, & BREWERTON, Elmore. A text-book of ophthalmic operations. 3. ed. ix, 322p. illust. 8°. Lond., Baillière, Tindall & Cox, 1937.

GRIMSDALE, Thomas Babington, -1936. *Obituary*. J. Obst. Gyn., Lond., 1936, 43: 773. Also *Lancet*, Lond., 1936, 1: 688.

GRINBAUM, Haina, 1907- *La maternité consciente (pour une puériculture avant la procréation) 96p. 8° Par., Les Presses Modern., 1935.

GRINBERG, M. M. Obezbolivanie pri normal'nikh redakh [Twilight sleep (scopolamin method) in normal deliveries] 13. ed. 44p. 8° [Kharkov, Nauchnaia Misl.] 1927.

GRINBERG, Zelman. *Beitrag zum Impfproblem und zur postvaccinalen Schädigung des Zentralnervensystems; Veröffentlichung eines Falles von postvaccinaler Encephalitis in der Schweiz [Basel] 40p. 24cm. Kaunas, S. Joselevičius, 1938.

GRINDA, Jean Paul, 1900- *Les chondromes sacro-coecygiens. 94p. pl. 8° Par., Masson & cie, 1930.

GRINDA-BLAIRON, Françoise, 1908- *Notes sur le traitement des fractures cervicales vraies du col fémoral. 47p. 8° Par., Impr. de l'Eclaireur de Nice, 1937.

GRINDELIA.

See also *Compositae*.

Bandoni, A. J. Estudio fitoquímico de la Grindelia discoides, Hook y Arn. Actas Congr. nac. med., B. Air. (1931) 1932, 4. Congr. pt 3, 190-5. Also Sem. méd., B. Air., 1931, 33: 1686-707.—**Daveau, J.** Le Grindelia robusta Nutt. Bull. sc. pharm., Par., 1927, 34: 658-60.—**Madsen, H. P.** [Grindelia robusta] Ny pharm. tidl., Kbh., 1869, 1: 376; 389.

GRINDING [and grinder]

See also *Silicosis*.

Grout, J. L. A. Silicosis in grinders. Brit. J. Radiol., 1938, 11: 366-70.—**Hagen**. Reaktive Staubblutungsveränderungen durch Schleifen an künstlichen Schleifkörpern. Arbeitsschutz, 1940, 43-5.—**McCord, C. P.** Grindstones. Hygeia, Chic., 1940, 18: 713-6.

GRINDLEY, G. C. Report of the Committee upon the physiology of vision. 49p. 8° London, H. M. Stat. Office, 1931.

Forms No. 163, Spec. Rep. Med. Res. Coun. Gr. Britain Privy Council.

GRINDON, Leopold H[artley] 1818- Life: its nature, varieties, and phenomena. Am. ed. 578p. 12° Phila., J. B. Lippincott & Co., 1866.

GRINEV, Demian Petrovich, 1879-1934. [Obituary] Ann. Mechnikov. Inst., Kharkov, 1935, 1: 167, portr.

GRINFEDER, Maurice, 1912- *Le trichloréthylène; intoxications professionnelles; emplois en thérapeutique. 112p. 8° Par., Libr. M. Vigné, 1937.

GRINGOIRE, Jean Daniel, 1906- *Les vitamines B: leur rôle dans le métabolisme hydrocarboné; leur emploi dans le traitement du diabète. 96p. 8° Par., Le François, 1933.

GRINIMS, Hersz, 1902- *Etat actuel des vitamines et leurs applications en hygiène. 53p. 8° Par., L'Entente Linotype, 1935.

GRINKER, Roy Richard, 1900- Neurology. ix, 979p. illust. diagrs. 25½cm. Springfield, Ill., C. C. Thomas [1934] Also 2. ed. ix, 999p. illust. diagr. [1937]

GRINNELL, Francis Browne, 1887-1937. **Enders, J. F., Fothergill, L. D.** [et al.] Obituary. Harvard M. Alumni Bull., 1937-38, 12: 20, portr.—Obituary. N. England J. M., 1937, 217: 962.

GRINNELL, Joseph, 1877- , **DIXON, Joseph**, & **LINSDALE, Jean M.** Vertebrate natural history of a section of Northern California through the Lassen Peak region. v, 594p. map. roy. 8° Berkeley, Calif., Univ. California Press, 1930.

GRINSTAIN, Moïse, 1896- *Contribution à l'étude de la gengivectomie dans la maladie de Fauchard. 47p. 8° Par., A. Legrand, 1930.

GRINTZESCO, Emile, 1894- *Les tumeurs latentes du globe oculaire. 42p. 8° Par., Lang, Blanchong & cie, 1926.

GRIPPAIN, Paul [Ludwig Franz] 1892- *Langlebigkeit als vererbare Eigenschaft [Jena] 31p. 8 ch. 8° Altona, H. Barkow, 1935.

GRIPPE.

See *Common cold*; *Influenza*.

GRIPPON, Pierre Charles Henri, 1897- *La rhinotomie para-latéro-nasale; technique opératoire; indications. 89p. 8° Par., L. Arnette, 1928.

GRIPWALL, Erik, 1900- Zur Klinik und Pathologie des hereditären hämolytischen Icterus. 290p. 6 pl. tab. 8° Upps., Almqvist & Wiksell, 1938.

Forms Suppl. 96, v.98, Acta med. scand.

GRISAMORE, Thomas L., 1875-1939. [Obituary] Am. J. Orthodont., 1940, 26: 197.

GRISARD, Gertrud, 1899- *Grössenverhältnisse bei Mehrlingen. 28p. 8° Münch., J. Lehmaier, 1927.

GRISCOM, L[udlow] 1890- The birds of the Lake Umbagog region of Maine; compiled from the diaries and journals of William Brewster. p. 525-620. 8° Cambr., Mass., 1938.

Forms Pt 4, v.66, Bull. Mus. Comp. Zool. Harvard.

GRISLEY, Gabriel, fl. ca. 1650-65. Desenganos para a medicina. [9] 182 l. 8° Lisboa, 1655.

GRISOLLE, Augustin, 1811-69.

Astruc, P. [Biography] Biogr. méd., Par., 1934, 8: 309-24, 2 portr., 2 pl.

GRISSINGER, Jay W., 1875- Medical field service in France. 149p. 8° Wash., 1927-28.

GRISWOLD, Don M[orse] 1887-

See **Falk, I. S.**, **Griswold, Don M.**, & **Spicer**, Hazel I. A community medical service organized under industrial auspices in Roanoke Rapids, North Carolina. 105p. 8° Chic. [1932]

GRISWOLD, Roger Marvin, 1852-1935. **Hodgson, T. C.** [Obituary] Proc. Connecticut M. Soc., 1935, 143: 195.

GRITTY, Jean Gustave, 1899- *A propos d'un cas de péricardite tuberculeuse hémorragique. 49p. 8° Par., Jouve & cie, 1931.

GRIVAS, M. T. *Le traitement de la maladie de Basedow par la solution du lugol. 32p. 8° Genève, Impr. Commerce, 1934.

GRIVEAU, Pol. *Etude comparative de quelques formes galéniques des pharmacopées britannique et française [Strasbourg] 147p. 8° Par., Jouve & cie, 1936.

GRIVEAUD, Charles, 1903- *Etude sur les lésions traumatiques du testicule. 61p. 8° Par., A. Legrand, 1934.

GRIVEL, André, 1909- *Contribution au traitement des entorses par l'infiltration anesthésiante, méthode du Professeur Leriche. 71p. 24½cm. Par., A. Legrand, 1938.

GRIVEL, M[arc] L[ouis] 1902- *Le traitement du diabète sucré chez l'enfant par le régime de fruits et légumes pauvre en albumine [Zürich] 12p. 8° Par., G. Doin & cie, 1936.

Also Bull. gén. théor., 1936.

GRIXONI, G. Problemi sanitari di guerra; la difesa contro il tifo (vaccinazioni) 2. ed. 27p. 16° Milano, Rava & c., 1915.

GROB, Fritz, 1872-1925. **Henne, W.** Nekrolog. Schweiz. med. Wschr., 1925, 55: 1077.

GROB, Max. *Blutuntersuchungen bei Melalena neonatorum [Zürich] p.748-87. 8° Lpz., Spamer, 1928.

Also Zschr. Kinderh., 1928, 46:

GROB, Walter, 1903- *Aszendenzforschungen und Mortalitätsstatistik aus einer st. gallischen Berggemeinde; ein Beitrag zur Frage der Schädlichkeit der Inzucht. p.237-64. ch. 8° Zür., O. Füssli, 1934.

Also Arch. Julius Klaus Stift., 1934, 9:

GROBER, Julius, 1875- Das deutsche Krankenhaus: Handbuch für Bau, Einrichtung und Betrieb der Krankenanstalten. 3. Aufl. viii, 1002p. illust. roy. 8° Jena, G. Fischer, 1932.

— Physikalische Therapie; klinisches Lehrbuch für Studierende und Aerzte. viii, 364p. illust. ch. 8° Jena, G. Fischer, 1934.

— Die Akklimatisation; eine Untersuchung über ihre Bedingungen, ihre Fehlschläge und ihre erfolgreiche Führung. 156p. 8° Jena, G. Fischer, 1936.

GROBET, Henri, 1911- *L'alpage; sa pratique dans le Pays de Gax. 93p. 8° Lyon, Bosc frères, 1936.

GROBETY, Lucien. *L'état actuelle de la radiographie des dents et des maxillaires et son concours apporté au dentiste [Genève] 43p. 8° Moutier, A. Imhoff, 1924.

GROBIN, Wulf. *Ein sekretorischer Enthemmungsreflex: der gustolacrymale Reflex (Bing) 18p. 8° Basel, Philograph. Verl., 1934.

GROBMAN, Moïse, 1897- *Complications urinaires des fibromes utérins en dehors de la grossesse. 40p. 8° Par., M. Vigné, 1929.

GROBON, Pierre, 1915- *Sur un cas de typho-bacilliose, avec épanchement pleural droit au 22me jour et s'accompagnant d'images radiologiques concluantes. 39p. 24cm. Par., M. Lavergne, 1939.

GROBSTEIN, H[ermann] J[ack] *L'influence de la grossesse sur la femme psychopathe. 24p. 8° Lausanne, C. Risold & fils, 1936.

GROCHOL, Werner, 1910- *Ueber den Anteil der Lues an den Totgeburten der letzten 10 Jahre (klinischer Bericht aus der Universitäts-Frauenklinik Berlin) [Berlin] 18p. 21cm. Bottrop, W. Postberg, 1936.

GRODECK, Georg Walther, 1866-1934. The book of the it; psychoanalytic letters to a friend. 2 p.l. 244p. 8° N. Y., Nerv. & Ment. Dis. Pub. Co., 1928. Also English ed. 301p. 8° Lond., C. W. Daniel Co. [1935]

— The unknown self; a new psychological approach to the problems of life, with special reference to disease [transl. by M. Collins] 207p. 8° Lond., C. W. Daniel Co. [1932]

— Exploring the unconscious; further exercise [!] in applied analytical psychology. 224p. 8° Lond., C. W. Daniel Co. [1933]

— The world of man as reflected in art, in words and in disease. 271p. illust. pl. portr. 8° Lond., C. W. Daniel Co. [1934]

For biography see In The world of man as reflected in art, in words and in disease (Groddeck) 1934, p.5-23, portr. (M. C., H. Keyserling [et al.])

GRODNITZKY, Benjamin, 1874- *La substance granulofilamenteuse des hématies; sa coloration vitale; sa valeur diagnostique et pronostique. 80p. 2 pl. 8° Par., A. Legrand, 1930.

GRODZENCZYK, David, 1905- *Assainissement des eaux potables de la ville de Rouen [Paris] 41p. 24½cm. Rouen, Piétrini, 1938.

GROEBE, Kurt [Albert] 1893- Kassenarzt Dr Konrad Wege; Roman. 2. Aufl. 274p. 21cm. [Essen] Essener Verlagsanst. [1938]

GROEBEL [Karl Bruno] Horst, 1905- *Beiträge zur Behandlung des Coma diabeticum [Leipzig] 15p. 8° [Zeulenroda, A. Oberreuter] 1931.

GROEBLER, Karl Heinz, 1909- *Ueber primär chronische Pneumonie [Halle] 24p. 8° Bleicherode, C. Nieft, 1934.

GROEDEL, Franz Maximilian, 1881- Grundriss und Atlas der Röntgendiagnostik in der inneren Medizin und den Grenzgebieten; bearb. von Ludolph Brauer, Hans Dietlen [et al.] 3. Aufl. vi, 890p. 137 pl. 4° Münch., J. F. Lehmann, 1921.

Forms Bd 7, 2. T., Lehmanns med. Atlanten.

— Die biologische Wirkung der Röntgenstrahlen speziell im Lichte der modernen Kapillarforschung und der modernen Entzündungslehre. 77p. 8° Berl., H. Kornfeld, 1925.

— Die Physikalische Therapie der Herz-, Gefäß- und Zirkulationsstörungen. 2 p.l. 111p. 8° Berl., J. Springer, 1925.

— Das Extremitäten-, Thorax- und Partial-Elektrokardiogramm des Menschen; eine vergleichende Studie. 2v. viii, 358p.; xiii, 200 pl. illust. 8° Dresd. & Leipz., T. Steinkopf, 1934.

— **LINIGER, Hans, & LOSSEN, Heinz.** Materialiensammlung der Unfälle und Schäden in Röntgenbetrieben. 70p. 4° Hamb., L. Gräfe & Sillem, 1925.

Forms Heft 1, Ergänzb. 36, Fortsch. Röntgenstrahl.

— The same. 119p. 4° Lpz., G. Thieme 1927.

Forms Heft 2, Ergänzb. 38, Fortsch. Röntgenstrahl.

GROEER, Franz von, 1887- Die Dermo-reaktionen. p.333-502. Berl., Urban & Schwarzenberg, 1933.

In Handb. biol. Arbeitsmeth. (E. Abderhalden) Berl., Aht. 13, T. 2, pt 1.

GROEGER [Hans Karl] Joachim, 1907- *Ueber 2,769 Abrasionen (Universitäts-Frauenklinik Würzburg) 1. VI. 1923-31. V. 1932 [Würzburg] 16p. 8° Bleicherode, C. Nieft, 1934.

GROEGER, Herbert, 1903- *Stammgangliomentoren unter dem klinischen Bild der Encephalitis lethargica beziehungsweise ihrer Folgezustände [Jena] 43p. 2 l. 8° Habelschwert, Groeger, 1932.

GROEGER [Johannes Rudolf] Hermann, 1901- *Das Röntgenbild in der konservierenden Zahnheilkunde. 19p. 8° Würzb., G. Grasser, 1932.

GROEGER, Karl, 1903- *Ueber das Vulvakarzinom. 28p. 8° Berl., R. Pfau, 1934.

GROEGER, Richard, 1912- *Ueber das Vorkommen von Gärtnerbakterien im Leberlymphknoten bei 300 paratyphusverdächtigen Kälbern mit Berücksichtigung der Tetrathionat-Anreicherung. 39p. 21cm. Lpz., A. Edelmann, 1936.

GROGLI, Alois. *Experimentelles über Sauerstoff- und Kohlensäuregrenzwerte in der Atmungsluft [Zürich] 16p. 8° Münch., R. Oldenbourg, 1925.

GROELL, Raymond, 1913- *De l'influence de l'état d'intégrité ou de rupture des membranes de l'oeuf sur les suites opératoires de la césarienne basse pour bassin rétréci. 63p. 25cm. Lyon, Dugas & Patissier, 1938.

GROEMER, Otto, 1912- *Eignet sich Dirigold für zahnärztliche Zwecke? [Berlin] 21p. 8° Jena, G. Neuenhahn, 1935.

GROEN, Frederik, 1871– Norske Mediciniske Selskab, 1833–1933; Festschrift ved selskabet 100-års jubileum [Norwegian Medical Society] xi, 265p. portrs. roy. 8°. Oslo, J. Bjørnstad, 1933.

See also Reichborn-Kjennerud, O., Groen, F., & Kobro, I. Medicins historie i Norge. 328p. 8°. Oslo, 1936.

GROEN, Kristian Fredrik, 1855–1931. Lepa in Literatur und Kunst. p.806–42. 8°. Berl., J. Springer, 1930.

In Handb. Haut Geschlkr. (J. Jadassohn) Berl., 1930, 10. Bd, T. 2.

For biography see Med. rev., Bergen, 1931, 48: 429 (H. P. Lie) Also Norsk mag. lægevid., 1931, 92: 665–7 (F. G. Gade)

GROENBERG, Albert Emanuel, 1895– Beitrag zur Kenntnis der klinischen Verwertbarkeit des Holmgrenschen Frontalreflexes. 190p. 2 tab. 8°. Stockh., P. A. Norstedt & Söner, 1928. Forms Suppl. 25, Acta med. scand.

GROENBERG, John. Die biologische Vorprüfung unbekannter Arzneimittel. p.1423–1520. tab. 8°. Berl., 1935.

In Handb. biol. Arbeitsmeth. (E. Abderhalden) Berl., 1935, Abt. 4, T. 7 B, pt. 2.

GROENBERG, John Gustaf, 1870–1929. Bards, H. [Obituary] Fins. läk. säll. hand., 1930, 72: 465.

GROENBLAD, Ester Elizabeth, 1898– Angioid streaks: Pseudoxanthoma elasticum, der Zusammenhang zwischen diesen gleichzeitig auftretenden Augen- und Hautveränderungen. 114p. 28 pl. 8°. Stockh., P. A. Norstedt & Söner, 1932.

Forms Suppl., v.10, Acta ophth., Kbh

GROENBLAD - STRANDBERG'S syndrome.

See under Elastoma.

GROENBLOM, B. O. Ueber die Abweichung der leichten Atomkerne vom Hartree-Modell. 28p. 28½ x 22½cm. Helsin., 1937.

Forms No. 9, n. ser. A, v.2, Acta Soc. scient. fenn.

GROENE (Het) en het witte kruis. Utrecht, v.22, 1926–

GROENEVELD, Christel, 1908– *Einfluss des Hungers auf die Psyche. 26p. 21½cm. Bonn, Kubens, 1937.

GROENHOLM, Vaeinoe, 1868–1936.

Berg, F. [Obituary] Hygiea, Stockh., 1936, 98: 129–31, portr.—Enroth, E. Nekrolog. Acta ophth., Kbh., 1936, 14: 301–7, portr.—Vannas, M. Nekrolog. Klin. Mbl. Augenh., 1936, 96: 683–5, portr.

GROENOUW, Arthur, 1862– Beziehungen der Allgemeinerkrankungen und Organerkrankungen zu Veränderungen und Krankheiten des Sehorganes. Teil I. xiv, 862p. 57 illust. 11 pl. 8°. Lpz., W. Engelmann, 1904.

Forms 11. Bd, 1. Abt., Handb. ges. Augenh. (T. Saemisch, & C. Hess.) 2. ed.

— **HELLER, J. [et al.]** Mundhöhle, Auge, Nase und Ohr, Gewerbekrankheiten der Haut, akute Exantheme (Übersicht) Dermatosen im Säuglingsalter, Handteller und Fuss-Sohlen, juckende Hautkrankheiten Tierdermatosen. xvi, 1003p. 8°. Berl., J. Springer, 1930.

Forms v.14, T. 1, Handb. Haut Geschlkr. (J. Jadassohn) Berl., 1930.

GROENOUW'S dystrophy.

See under Cornea, Degeneration, nodular.

GROENVALL, Hermann Ludvig, 1899– Citric acid studies referring to the eye. 279p. 15 pl. tab. 8°. Lund, H. Ohlsson, 1937.

Forms Suppl. 14, Acta ophth., Kbh.

GROER, August. Wirkung und Anwendung farbiger Lichtstrahlen. 40p. 8°. Lpz., R. Noske [1936]

GROESCHEL [Bruno Georg] Oskar, 1898– *Vorteile und Nachteile der tiefen Unterschenkelamputation und der Pirogoff'schen und Syme'schen Operationen [Leipzig] 39p. 8°. Sebnitz, C. E. Böhme, 1925.

GROESCHEL [Friedrich] Wilhelm, 1907– *Ueber angeborene echte Zahnlosigkeit (Anodontia congenita vera) 42p. 8°. Würzb., K. Triltsch, 1929.

GROESCHEL, George. *Ueber die Cytoarchitektonik und Histologie der Zwischenhirnbasis beim Hund [Erlangen] 16p. 8°. Lpz., A. Pries [1930]

Also Deut. Zschr. Nervenhe., 1929, 110:

GROESCHEL, Kurt, 1909– *Unregelmäßigkeiten der fötalen Herztöne in der Schwangerschaft (im wehenlosen Uterus) [Berlin] 58p. 8°. Laupheim, J. & P. Geiselmann, 1935.

GROESCHEL, Wilhelm, 1907– *Beziehungen zwischen akuten und chronischen entzündlichen Erkrankungen der Augen und des Zahnsystems. 77p. 8°. Würzb., Gebr. Memminger, 1935.

— Pulpa- und Wurzelbehandlung an bleibenden Zähnen vor Abschluss des Wurzelwachstums. 98p. 8°. Lpz., H. Meusser, 1937. Forms Heft 28, Abh. klin. Zahnhe.

GROES-PETERSEN, K. *Spredningsbilleder [Dispersion pictures] 110p. 8°. Kbh., M. Truelsen, 1914.

GROESS, Emil Wilhelm, 1905– *Ueber die Ursachen der Dekompensation. 20p. 8°. Berl. [n. pub.] 1931.

GROESSLE, Adolf, 1909– *Ueber Erkrankungen der Zunge. 24p. 8°. Heidelb., Bechstein, 1932.

GROETING, Walter [Kurt Gerhard] 1907– *Ueber die Erfahrungen bei der Salzyrgau-Therapie. 19p. 23½cm. Kiel, A. C. Ehlers, 1937.

GROETSCHLA, Hansjoachim, 1909– *Die eigentliche Todesursache beim Erhängungstode vom gerichtlichmedizinischen Standpunkt. 20p. 8°. Bresl., Genossenschafts-Buchdr., 1936.

GROEZINGER, Rudolf, 1911– *Die keimtötende Wirkung des carbolisierten Serums apthenseucherkonvaleszenten Rinder für Brucella abortus Bang [München] 45p. tab. 21cm. Quakenbrück, R. Kleinert, 1938.

GROFF, John Eldred, 1854– Materia medica for nurses. 2. ed. 169p. 8°. Phila., P. Blakiston's Son & Co., 1903. Also 3. ed. 176p. 1905.

GROGER, Karl Heinz, 1907– *Die Phlegmone der Gaumenmandeln und ihre Behandlung; Beiträge zur Therapie der Tonsillar- und Paratonsillarabscesse. 66p. 8°. Greifsw., H. Adler, 1933.

GROGNOT, Germain, 1899– *Traitement de l'anaphylaxie digestive et de l'anaphylaxie respiratoire par la peptonothérapie. 75p. 8°. Par., E. Souchen, 1926.

GROH, Herbert, 1883– Poison ivy (Rhus toxicodendron L.) 3p. 8°. Ottawa, 1930.

Forms No. 75, Circ. Canada Dep. Agr

GROH, Herbert, 1908– *Die Bedeutung des Tierversuchs als diagnostisches Hilfsmittel der Knochen-, Gelenk- und Drüsentuberkulose [Frankfurt] 55p. 8°. Bottrop, W. Postberg, 1934.

GROH, Herta, 1910– *Ueber Amenorrhoeen und ihre Beziehung zum Organismus

[Jena] 24p. 21cm. Mühlhausen i. Thür., R. Sayle [1938]

GROH, Ludwig, 1902— *Der Zeitpunkt der optimalen Sichtbarkeit der Gallenblase nach intravenöser Injektion von Jodtetragnost [München] 24p. 21cm. Kallmünz, M. Lassleben, 1937.

GROHE, Helmut, 1914— *Häufigkeit und Vorkommen verschiedener Angiomformen. 27p. 8° Berl., Hermann, 1937.

GROHMANN, Herbert, 1908— *Untersuchungen über die Frage der Kropfvererbung [Breslau] 21p. 22½cm. Würzb., K. Tritsch, 1937.

GROHNWALD, Elfriede [Johanna Hermine] 1907— *Die Wiederkehr der Funktion des Nervus mandibularis nach der Kontinuitätsresektion des Unterkiefers. 24p. 8° Berl., E. Ebering, 1932.

GROIN [Inguinal region]

See also *Extremity, lower*; *Femoral canal*; *Iliac fossa*; *Scrotum*; *Thigh*.

Austoni, G. Ricerche anatomiche sulla regione inguinofemorale. Arch. ital. anat., 1939, 42: 352-88, pl.—**Bazzocchi, G.** Sull'importanza chirurgica delle formazioni fasciali della regione inguinofemorale. Arch. ital. chir., 1934, 10: 221-5.—**Blumberg, J.** Die topographische Anatomie der Region inguinalis und scrotalis. Anat. Anz., 1923-24, 57: 497-505.—**Broman, I.** Ueber ein rätselhaftes Inguinalorgan beim menschlichen Embryo. Zschr. ges. Anat., 1. Abt., 1925, 76: 106-12.—**Elze, C.** Zur Anatomie der Leistengegend. Verh. Anat. Ges., 1939, 47: 183-6.—**Forster, D. S.** A note on Scarpa's fascia. J. Anat., Lond., 1937-38, 72: 130.—**Howell, A. B.** Anatomy of the inguinal region. Surgery, 1939, 6: 653-62.—**Meige, H., & Huard, S.** Le relief sus-inguinal. Presse méd., 1926, 34: 891-3.—**Nolan, R. A.** The nodal triangle. J. Lancet, 1935, 55: 757-9.

Diseases.

Bonfanti, G. Note cliniche a proposito di un caso di aneurisma inguinale spontaneo operato con successo. Policlinico, 1921, 28: sez. chir., 218-28.—**Bruder, K.** Ulzerierte tumorartige Wucherungen der Genitokruralgegend bei Morbus Darier. Derm. Wschr., 1938, 107: 1467.—**Carver, J.** Sinus in the groin of renal origin. Brit. J. Urol., 1939, 11: 65-8.—**Dupas, J., Daydé, G., & Soubigou, X.** Cellulo-dermite récidivante inguino-crurale, d'origine indéterminée. Mém. Acad. chir., Par., 1936, 62: 1125-30.—**Gibson, R.** Lesions of the groin. Med. Press & Circ., Lond., 1936, 193: 566-8.—**Hamant & Rothan.** Diagnostic des fistules inguino-crurales par l'injection de lipiodol. Rev. méd. est, 1935, 63: 182-6.—**Lehman, C. F., & Pipkin, J. L.** Phagedenic ulceration of the groin. Arch. Derm. Syph., Chic., 1935, 31: 579.—**Lombard, P.** Cellulite torpide inguino-crurale. Mém. Acad. chir., Par., 1936, 62: 280-3.—**Mitchiner, P. H.** Swellings in the groin. Med. Press & Circ., Lond., 1938, 196: 287-91.—**Ramel, E.** Maladie de Palttauf-Sternberg à localisation inguinale prédominante, simulant l'ulcère vénérien adéno-gène. Bull. Soc. fr. dermat. syph., 1937, 44: 1446-50.—**Stühmer.** Chronisch vegetierende Pyodermie der Inguinalbeugen. Zbl. Haut Geschlkr., 1936, 54: 295.—**Trabucco, A., & Gorodner, J.** Algia crónica lumbingo-ingui-escrotal. Sem. méd., B. Air., 1936, 43: pt 2, 534-7.—**Valerio, A.** Cellulite inguino-crural. Brasil med., 1934, 48: 145.

Hernia.

See also 3. ser. *Hernia, inguinal*.

Burrows, H. J. A note on direct inguinal hernia. S. Barth. Hosp. Rep., Lond., 1931, 64: 195-200.—**Carnes, E. H.** Direct inguinal hernia. Hosp. News, Wash., 1935, No. 2, 6: 1-6.—**Coley, B. L.** Inguinal hernia. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 7: 239-52.—**Dehée, J.** Sur un cas de hernie directe. J. sc. méd. Lille, 1913, 36: 194-6.—**Fallis, L. S.** Inguinal hernia. Rep. Wayne Co. M. Soc., 1931-32, 2: 6-8.—**Direct inguinal hernia.** Ann. Surg., 1938, 107: 572-81.—**Gill, W. G.** Direct inguinal hernia. Brit. M. J., 1939, 1: 263.—**Glass, J.** [Inguinal hernia] Polska gaz. lek., 1935, 14: 742-4.—**Goldthwait, J. E.** Inguinal hernia. Mil. Surgeon, 1933, 72: 208-10. Also repr.—**Iason, A. H.** Indirect inguinal hernia. Am. J. Surg., 1929, n. ser., 7: 757-68. Also repr.—**Landivar, A. L.** Hernia inguinal. Dia méd., B. Air., 1931-32, 4: 609.—**Makel, H. P.** Inguinal hernia. Mil. Surgeon, 1933, 72: 20-23. Also repr.—**Mistri, S. N.** Inguinal hernia. Sind M. J., 1936, 9: 14-8.—**Smith, J. H., & Buiter, H. W. C.** [Inguinal hernia] Ned. tschr. geneesk., 1934, 78: 5541-6.—**Smith, W. F.** Inguinal hernia. J. Arkansas M. Soc., 1929-30, 26: 213. Also J. Tennessee M. Ass., 1931, 24: 255. Also Memphis M. J., 1931, 8: 40.—**Villette, J.** Hernie directe. J. sc. méd. Lille, 1913, 36: pt 2, 601-4.—

Waldrop, R. W. Inguinal hernia. J. M. Ass. Alabama, 1936-37, 6: 104-7.—**Wilkinson, R. J.** Inguinal hernia; its economic significance. Internat. J. M. & S., 1935, 48: 523-5.—**Woolsey, R. A.** The inguinal hernia. South. M. J., 1926, 19: 131-4. Also Tr. South. Surg. Ass., 1935, 48: 254-63.

Hernia: Complication.

Aird, I. The association of inguinal hernia with traumatic perforation of the intestine. Brit. J. Surg., 1936, 24: 529-33.—**Bachy, G., & Rabourdin, L.** Appendicite et hernie inguinale droite. Arch. mal. app. digest., Par., 1936, 26: 946-54.—**Bloch, G.** Su di un raro caso di lacerazione spontanea dell'intestino cieco causata da ernia inguinale destra. Arch. ital. chir., 1938, 50: 462-6.—**Charbonnel.** Contusion herniaire avec section du grêle. Bordeaux chir., 1932, 3: 294-6.—**Edington, G. H.** Cysts in or alongside of hernial sacs. Lancet, Lond., 1935, 1: 670-2.—**Eftimie, C., & Grigorescu, T. I.** [Case of external, right inguinal hernia with traumatic hematocele] Spitalul, 1930, 50: 95.—**Guerin, R.** Un cas de stercorome herniaire. Bordeaux chir., 1938, 9: 23-6.—**Hoffmann, K.** Ueber eine Spaltbildung im grossen Netz, verbunden mit Mesenterium commune und Hernia inguinalis. Anat. Anz., 1935-36, 81: 51-5.—**Langley, G. F.** The complications of inguinal hernia. Med. Press & Circ., Lond., 1940, 204: 416-20.—**Manuilov, V. P.** [Complicated inguinal and femoral hernias] Vest. khir., 1931, 23: 266-82.—**Martinez, R.** Hernia inguinal obliqua externa derecha, con apendicitis crónica concomitante. Rev. cir. Hosp. Juárez, Méx., 1936, 7: 303-6.—**Poenaru Caplesco, C.** Hernies et appendicite latente. Bull. Acad. méd., Par., 1935, 3. ser., 114: 173-8.—**Rementeria.** Estenosis intestinal por vaginalitis en una hernia inguinoinferior. Med. Ibera, 1934, 28: pt 2, 99.—**Rosanov, M. N.** [Diverticulum of the ascending colon in a case of left irreducible inguinal hernia] Mosk. med. J., 1928, 8: 29-31.—**Seaman, J. A.** Hernia and lower urolith tract infection. J. Urol., Balt., 1939, 42: 887-96.—**Vaccari, C.** Contributo alla casistica dei traumi addominali erniosi. Arch. ital. chir., 1927, 17: 280-8.—**Vvedensky, P. F.** [Case of prolapse of invaginated small intestine into the perforation of the intestine in Richter's inguinal hernia] Khirurgiya, Moskva, 1938, No. 5, 140.

Hernia, congenital.

Banerjee, P. An operation for the radical cure of congenital oblique inguinal hernia in children. Ind. M. Gaz., 1929, 63: 700.—**Cassoute & Rathelot, J.** Hernie inguinale droite contenant un volvulus non étranglé du colon pelvien chez un nourrisson. Marseille méd., 1925, 62: 1447.—**Consiglio, V.** L'ernia inguinale superficiale congenita (ernia di Küster) (etiopatogenesi, anatomia patologica e clinica, con 35 osservazioni originali) Clin. chir., Milano, 1934, 37: 342-96.—**Cook, B. A.** Strangulated inguinal hernia in a child aged 5 weeks. Med. J. Australia, 1934, 1: 343.—**Drüner, L. H.** Strangulated inguinal hernia, with unusual complications, in an infant of 5 weeks; report of a case. N. England J. M., 1934, 210: 857.—**Gordon, J.** A case of strangulated inguinal hernia in a child of 5 weeks. Guy's Hosp. Gaz., Lond., 1940, 54: 290.—**Gridnev, A. P.** [Symptoms of congenital inguinal hernia] Vest. khir., 1931, 24: 39-48.—**Heineck, A. P.** Inguinal hernia in early infancy with a report of 3 strangulated inguinal hernias occurring in nurslings. West. M. Times, 1930-31, 50: 180-4.—**Hunter, R. H.** The etiology of congenital inguinal hernia and abnormally placed testes. Brit. J. Surg., 1926-27, 14: 125-30.—**The etiology and treatment of congenital inguinal hernia.** Med. Press & Circ., Lond., 1926, n. ser., 121: 371.—**Jorge, J. M.** Hernia inguinal congenita del ansa sigmoidea; obstrucción intestinal. Bol. Soc. cir. B. Aires, 1930, 14: 840-50.—**Lepeyrie, Cabanac & Passebois.** Hernie inguinale étranglée avec émission de sang par l'anus chez un nourrisson. Arch. Soc. sc. méd. biol. Montpellier, 1934, 15: 183-6.—**Massone, A.** Sull'ernia inguinale superficiale congenita. Clin. chir., Milano, 1939, 42: 975-93.—**Matassi, C.** Ernia inguinale congenita strozzata contenente l'ovaio in una bambina di due mesi. Ginecologia, Tor., 1940, 6: 316-20.—**Mayo, C., 2nd.** Congenital hernia in 3 boys of the same family. Proc. Mayo Clin., 1930, 5: 103-5.—**Piazza-Poliak, M.** Esiti remoti post-operatori nell'ernia inguinale congenita del lattante. Pediat. med. prat., Tor., 1936, 11: 433-7.—**Rambar, A. C., & Goldberg, S. L.** Inguinal hernias in premature infants. J. Pediat., S. Louis, 1934, 5: 513-9.—**Salvi, L.** L'ernia di Küster. Clinica, Bologna, 1935, 1: 526-34.—**Sarma, S. P.** An operation for the congenital variety of reducible inguinal hernia. J. Ind. M. Ass., 1938-39, 8: 343.—**Scott, R. A. M., & Borthwick, T. C.** Congenital left inguinal hernia in a child of 2 years, the contents of the sac being caecum and vermiform appendix. China M. J., 1930, 44: 1203.—**Seeger, S. J.** Technical notes on congenital indirect inguinal hernia. Surg. Gyn. Obst., 1939, 69: 206-8.—**Trout, J. M.** Strangulated inguinal hernia in infant 27 days old. Am. J. Surg., 1928, n. ser., 5: 518.—**Watson, L. F.** Congenital origin of oblique inguinal hernia. Med. Rec., N. Y., 1934, 139: 323.—**White, R. J.** Strangulated inguinal hernia in a 16-day old infant. J. Am. M. Ass., 1927, 89: 2186.

Hernia: Content of sac.

GIESSELMANN, W. [O.] *Meckel'sches Divertikel im Bruchsack. 30p. 8° Rost., 1928.

IMMLER, G. *Leisten- und Schenkelhernien mit seltenem und bemerkenswertem Inhalt. 31p. 8°. Jena, 1927.

LANCENOWSKY, G. *Ueber ein metastasierendes Mesothelioma malignum eines Leistenbruchsackes [Basel] 40p. 8°. S. Louis, Switz., 1928.

Bussalov, A. A. [Case of bilateral inguinal hernia with unusual contents in the hernial sacs] Sovet. khir., 1933, 4: 478-80.—Camarillo, L. Hernia inguinal derecha de contenido raro. Rev. méd., Puebla, 1936-37, 9: No. 78, 6.—Catterina, A. Ernia omentale, torsione dell'omento, tumore consecutivo all'inguine. Arch. Soc. ital. chir., 1930, 36: 941.—Fourdinier, H. Hernie inguinale gauche du cœcum et de l'anse iléocolique. J. sc. méd. Lille, 1913, 36: pt 2, 586-8.—Galansino, D. Tumori intestinali in ernie inguinali strozzate. Gior. med. prat., 1932, 14: 418-26.—Gerhardt, F. Colontumor in einem Leistenbruch. Deut. Zschr. Chir., 1938, 250: 742-4.—Helmstaedt, K. W. Beitrag zur Kasuistik der Leisten- und Schenkelhernien mit abnormem Inhalt. Zbl. Chir., 1934, 61: 74-8.—Lemaitre, L. Hernie inguino-scrotale de l'estomac. Bull. Soc. radiol. méd. France, 1937, 25: 510-5.—Oakley, A. R. H. Strangulation of a right inguinal hernia containing part of the stomach, with simultaneous perforation of a gastric ulcer. Brit. J. Surg., 1937-38, 25: 454.—Parisot, P. Aspecto cístico dell'omento in ernia inguinale irriducibile (contributo allo studio delle formazioni cistiche non parassitarie del grande omento) Arch. ital. chir., 1932, 31: 419-33.—Sachs, G. Zu K. W. Helmstaedt's Beitrag zur Kasuistik der Leisten- und Schenkelhernien mit abnormem Inhalt. Zbl. Chir., 1934, 61: 1171.

Hernia: Content of sac: Appendix.

LAVIE, M. *Contribution à l'étude des hernies de l'appendice dans le canal inguinal gauche. 32p. 8°. Par., 1935.

RABOURDIN, E. L. *L'appendicite herniaire inguinale. 62p. 8°. Par., 1935.

Allende, C. I. La apendicectomia en la cura radical de la hernia inguinal derecha. Actas Congr. nac. cir., B. Air., 1930, 2. Congr., 289-319.—Baydur, D. C. Hernie inguinale droite étranglée contenant le caecum et l'appendice perforé, l'origine du colon ascendant et la fin de l'iléon; résection iléo-caecale. Bull. Soc. chir. Paris, 1936, 28: 230-2.—Baz, G. Hernia inguinal y ciego apéndice. Cir. e cirugía, Méx., 1935, 3: 27.—Belchor, M. La apendicectomía en el curso de la cura radical de la hernia inguinal o crural derecha. Sem. méd., B. Air., 1937, 44: pt 2, 610-2.—Binder, Z. & Wolf, J. [Inflammation of the appendix in inguinal hernias] Polska gaz. lek., 1937, 16: 708-10.—Bondarenko, N. T. [Acute appendicitis in inguinal hernia] Khirurgia, Moskva, 1939, No. 11, 109-13.—Brau-Tapie. Hernie inguinale étranglée; appendicite herniaire avec abcès; cure radicale; apendicectomie; guérison. Bordeaux chir., 1931, 2: 270.—Chauvenet, A. Double hernie inguinale homolatérale; l'une oblique, étranglée, et l'autre directe, contenant l'appendice malade. J. méd. Bordeaux, 1926, 56: 800.—Doberer, J. Hernie und Appendix zur Technik der mit der Radikaloperation des rechtsseitigen Leistenbruchs verbundenen Apendektomie. Chirurg, 1930, 2: 611-5.—Du Bourguet & Giraud. Hernie inguinale droite contenant un appendice sain. Ann. anat. path., Par., 1934, 11: 750.—Garber, N. Die Rolle der Appendicitis hernialis bei der Entstehung von Gleitbrüchen. Zbl. Chir., 1927, 54: 1162-4.—Jorge, J. M., Berisso, O., & Paz, J. R. Apendicite aguda en saco herniario. Bol. Soc. cir. B. Aires, 1936, 20: 844-53.—Jorge, J. M., Morchio, F., & Nudelman, S. Hernia inguinal izquierda con contenido ceco-apendicular. Ibid., 1937, 21: 100-10.—Knebgan, C., & Lamborelle, E. Périapendicite dans un sac herniaire simulat une tumeur. Bull. Soc. nat. chir., Par., 1933, 59: 1048.—Krivopusk, P. T. [Case of strangulation of the cœcum and appendix in a left inguinal hernia] Khirurgia, Moskva, 1938, No. 5, 135.—Lepoutre & Williatte, P. Hernie du cœcum et de l'appendice; sac double oblique externe et direct dans une même hernie inguinale. J. sc. méd. Lille, 1913, 36: 384-8.—Mermingas, K. Herniotomie und Apendektomie. Zbl. Chir., 1927, 54: 1282-5.—Montemartini, G. Ernia inguinale sinistra strozzata contenente il cieco con appendice infiammata ed un'ansa del colon. Riforma med., 1934, 50: 679-83.—Necbaev, A. M. [The vermiform appendix as part of the contents of oblique inguinal hernia in adults] Sovet. khir., 1931, 1: 434.—Oomen, H. A. P. C. [Acute appendicitis in left inguinal hernia] Geneesk. tscr. Ned. Indjé, 1936, 76: 2408-10.—Winterstein, O., & Kartal, S. Ueber postappendicetische Abscesse im Bruchsack. Chirurg, 1932, 4: 94-7.

Hernia: Content of sac: Genitourinary organs.

MOTILOFF, L. *Ueber Uterusleistenhernien bei der Frau und bei den Individuen mit heterosexuellen Geschlechtsmerkmalen. p.330-63. 8°. Berl., 1930.

Also Zschr. Geburtsh. Gyn., 1930-31, 99:

Biasini, A. Contributo allo studio delle ernie inguinali dell'uretere. Clinica, Bologna, 1938, 4: 815-22.—Bile, S.

Due casi di ernia inguinale strozzata obliqua interna e contenuto vescicale. Riforma med., 1934, 50: 748.—Botta Micca, A. Sopra un caso di ernia della tromba uterina in ernia inguinale recidiva. Riv. ostet. ginec., 1931, 13: 337-46.—Brotché, T. Torsion des annexes saines de l'utérus dans une hernie inguinale étranglée. Bull. Soc. nat. chir., Par., 1928, 54: 159-61.—Cabanac & Passebois. A propos des torsions de l'ovaire dans un sac de hernie inguinale simulat un étranglement herniaire. Arch. Soc. sc. méd. biol. Montpellier, 1934, 15: 342-4.—Cœn, V. Su un caso di ernia inguinale obliqua interna bilaterale (cistocoele bilaterale senza sacco). Policlínico, 1928, 35: sez. prat., 2040-8.—Davies, D. O. Two testicles in one inguinal hernia. Lancet, Lond., 1938, 2: 373.—Delcour, J., & Lohéac, P. Les hernies inguinales de l'utérus; à propos d'un cas personnel. J. sc. méd. Lille, 1927, 45: 181-7.—Fauvet, E. Eine Pyosalpinx im Leistenkanal unter dem Bilde einer Hernia inguinalis irreponibilis. Zbl. Chir., 1932, 59: 950-2.—Figueroa Casas, P., & Lladós, J. Hernia inguinal izquierda conteniendo utero y anexo correspondiente. Bol. Soc. obst. gin. B. Aires, 1940, 19: 402-6.—Gayet, G., & Cavailler. Hernie inguinale droite de l'uretère et de la vessie. J. urol. méd., Par., 1938, 45: 193-8.—Heinick, A. P. Inguinal and femoral tubal, ovarian and tubo-ovarian hernie. Canad. J. M. & S., 1928, 64: 111-24. Also West. M. Times, 1931, 50: 221-33.—Hilse, A. Persistierende Müllersche Gänge im Bruchsack von Inguinalhernien bei Männern. Arch. klin. Chir., 1928, 150: 129-35.—Kallio, K. E. [Uterus unicornis as content of a congenital inguinal hernia] Duodecim, Helsinki, 1939, 55: 629-32.—Lapeyrie & Cabanac. Deux cas de torsion des annexes dans un sac herniaire inguinal simulat un étranglement intestinal chez des nourrissons. Arch. Soc. sc. méd. biol. Montpellier, 1934, 15: 302-5.—Leo, E. Ernia inguinale obliqua-interna di diverticolo vescicale. Arch. ital. chir., 1932, 31: 520-40.—Liesching A. C. Strangulation of ovary in an inguinal hernia associated with congenital abnormality of the kidney. Brit. M. J., 1929, 1: 993.—Maurer, Z. [Incarceration of a Fallopian tube in inguinal hernia] Polska gaz. lek., 1936, 15: 182-4.—Michel-ohn, J. D. Beitrag zur Frage der Leistenbrüche der Harnblase. Zschr. urol. Chir., 1927, 22: 410-5.—Mouchet, A. Torsion de l'ovaire droit dans un sac herniaire inguinal simulat un étranglement intestinal. Presse méd., 1930, 38: 1427.—Nilson, O. Hernia uteri inguinalis beim Manne. Acta chir. scand., 1939-40, 83: 231-49, pl.—Orr, J. L. An unusual case of tubo-ovarian inguinal hernia. Tr. R. Med. Chir. Soc. Glasgow, 1928-29, 23: 56-69.—Pagliani, F. L'ernia inguinale bilaterale dell'ovario. Monit. ostet. ginec., 1934, 6: 26-37.—Pampari, D. Un caso di ernia inguinale dell'utero. Clin. chir. Milano, 1935, 38: 449-59.—Papai, Z., & Adam, E. [Observations on adnexal, inguinal hernias caused by slipping; special reference to an operated case] Clui. med., 1937, 18: 176-81.—Podio, G. Ernia inguinale diretta extraperitoneale della vesicula in donna con prolusso vaginale anteriore e cistocoele. Rass. ostet., 1939, 48: 383-93.—Ragone, S. Ernia inguinale della tromba e di cisti del ovario senza sacco peritoneale. Atti Soc. ital. ostet., 1907, 13: 425-32.—Porsby, E. R. Tube and ovary in the inguinal hernia of an infant. Mod. J. Australia, 1936, 2: 52.—Rowley, W. N. Inguinal hernia complicated by hernia of the ovaries and tubes; report of a case. West Virginia M. J., 1926, 21: 23-5.—Rush, L. V., & Rush, H. L. Inguinal hernia with incarcerated ovary and tube. Am. J. Surg., 1935, 29: 140.—Sapienza, C. Su di un caso di ernia inguinale strozzata della tuba uterina in donna di 72 anni. Riv. san. sicil., 1932, 20: 965-72.—Sernoff, J. Hernia of the uterus and tubes through the inguinal canal (salpingo-hysterocele) with case report. Am. J. Obst., 1928, 15: 704-7.—Schettini, G. Su di un caso di ernia inguinale ovarico-cistica infantile. Rinasc. med., 1936, 13: 343.—Sloan, H. P., & Wellmerling, H. W. Dissociated genitalia in an inguinal hernia; with defect of one tube and ovary. Illinois M. J., 1940, 77: 329-32.—Soulié, J., & Maitre-ober, L. Hernie étranglée chez une fillette de 1 mois ½ contenant les annexes gauches et l'utérus. Rev. prat. mal. pays chauds, 1936, 16: 205.—Wertheimer & Mathieu. Annexite incluse dans une hernie inguinale et simulat une hernie étranglée. Lyon chir., 1936, 33: 707.

Hernia: Diagnosis.

Berne-Lagarde, de. Cystoradiographie chez un homme porteur d'une entéro-cystocèle inguinale droite. Bull. Soc. fr. urol., 1933, 254-7.—Brea, M. M., & Robbiani, A. H. A propósito de un caso de dilatación saciforme de las venas pudendas trombosadas diagnosticado como hernia inguinal estrangulada. Bol. Inst. clin. quir., B. Air., 1930-31, 6: 162.—Bulla, J. [Case of pseudo-hernia] Bratisl. lek. listy, 1939, 19: 12-5.—Domrich, H. Was fühlt man bei der Untersuchung auf Leistenbruchanlage? Anat. Anz., 1926-27, 62: 386-91.—Eggers, H. Zur Fehldiagnose der eingeklemmten Leistenhernie. Zbl. Chir., 1928, 55: 2135.—Frommer, E. M. The surgical anatomy, differential diagnosis and treatment of inguinal hernia. Clin. Med., 1927, 34: 179; 266.—Giordano, D. Di talune lesioni patologiche ed operatorie a proposito di un'infirmità per laparocoele inguinale. Gazz. internaz. med. chir., 1933, 41: 71-5.—Grausman, R. I. An aid in the diagnosis of inguinal and femoral hernia. Am. J. Surg., 1934, n. ser., 24: 108. Also repr.—Harris, F. I., & White, A. S. The length of the inguinal ligament, in the differentiation between direct and indirect inguinal hernia. J. Am. M. Ass., 1937, 109: 1900-3.—Keszly, S. Irrtum in der richtigen Diagnosestellung eines eingeklemmten Leistenbruchs. Zbl. Chir., 1927, 54:

2771.—Kleine, H. O. Zur Differentialdiagnose tumorartiger Veränderungen in der Leistengegend (Unterscheidung zwischen Leistenhernie und Varicocele des Lig. rot. uteri) Arch. Gyn., Berl., 1932, 149: 373-6.—Levy, L. H. Potential hernia or bubonocoele. Med. Rec., N. Y., 1937, 146: 394-6.—Mainoldi, P. Quadro radiologico di un caso di voluminosa ernia inguinale bilaterale. Bull. sc. med., Bologna, 1926, 10, ser., 4: 328-30.—Mandler, V., & Stanina, P. [Radiography of testicles with reference to inguinal hernias] Cas. lek. česk., 1927, 66: 1737-9, 2 pl.—Oberst, A. Pseudohernia encystica. Zbl. Chir., 1932, 59: 934-7.—Rubiano Groot, H. Hernia inguinal directa, diagnóstico clínico. Colombia méd., 1939, 1: 173-9.—Windsberg, E. H. Artificial inguinal hernia. Ann. Surg., 1933, 97: 693-705.

Hernia: Etiology.

Binion, R. Traumatic inguinal hernia. Internat. J. Surg., 1928, 41: 461.—Birkenfeld, W. Zur Erblichkeit der Leistenbrüchanlage. Chirurg, 1928-29, 1: 120-5.—Busutov, P. M. [Criticism of certain theories of the etiology of inguinal hernia and methodie enlightening on this question] Vest. khir., 1933, 29: 129-37.—Consiglio, V. Considerazioni sul meccanismo di formazione dell'ernia inguino-superficiale acquisita. Rass. internaz. clin. ter., 1935, 16: 77-83.—Csillag, J. Ein durch Appendicitis verursachter eingeklemmter Leistenbruch. Zbl. Chir., 1926, 53: 653-5.—Cupei, Die Bedeutung der Fascia transversalis für die Entstehung der Leistenhernie. Mschr. Unfallh., 1935, 42: 122-8.—Domrich, H. Ueber die Entstehung eines Leistenbruchs nach einer zentralen Hüftluxation. Zbl. Chir., 1937, 64: 400-2.—Finochietto, R. Hernia inguinal directa; la debilidad parietal es de origen congénito. Prensa méd. argent., 1926, 13: 726-32.—Giordano, D. Riflessioni su due casi di ernia inguinale, delle quali l'una è discesa nella loggia crurale, e l'altra è dovuta a scivolamento del sigma iliaco. Riforma med., 1926, 42: 361-3.—Dell'ernia inguinale destra postuma ad appendicetomia. Ibid., 1927, 43: 961.—Harrison, P. W. The cause and cure of inguinal hernia. Surgery, 1940, 7: 217-25.—Hillenbrand, C. M. The inguinal ligament; relationship of its length to the occurrence of inguinal hernia. Indust. M., 1940, 9: 83-5.—Krymov, A. P. [Artificial and traumatic inguinal hernias] Khirurgia, Moskva, 1909, 26: 145-80. Also Engl. transl.—McWhorter, G. L. Inguinal hernia due to direct trauma; technique of operation. Am. J. Surg., 1939, 45: 316-9.—Maxeiner, S. R., & Hoffert, H. E. Traumatic inguinal hernia. Minnesota M., 1939, 22: 636-8.—Moorhead, J. J. Traumatic inguinal hernia. J. Am. M. Ass., 1932, 98: 1785-88. Also repr.—Relation of trauma to hernia. N. England J. M., 1933, 209: 568-74.—Relation of trauma to inguinal hernia; analysis of 1,000 herniotomies. Proc. Interst. Postgrad. M. Ass. N. America, 1938, 318-23.—The relation of trauma to inguinal hernia; an analysis of 1,376 herniotomies. Am. J. Surg., 1940, 47: 312-27.—Morrison, J. T. Hereditary factor in inguinal hernia. Wisconsin M. J., 1927, 26: 145-7.—Moskalenko, V. Konstitutionelle Veranlagung zu Inguinalhernien. Arch. orthop. Unfallchir., 1928, 26: 503-19.—Purrucker, K. Zur traumatischen Entstehung von Leistenbrüchen. Ibid., 267-75.—Rebustello, E. La conformazione del bacino e la predisposizione alle ernie inguinali. Riv. chir., 1928, 4: 390-404.—Seifert, E. Wie wächst der Leistenbruch? Arch. klin. Chir., 1931, 167: 459-62 [Discussion] 229-35.—Shatzky, A. V. [Artificial inguinal hernia] Arkh. med. nauk, 1929, 1: 87-95.—Ssosan-Jarosewitsch, A. J. Pathogenese und Behandlung der Leistenbrüche, anatomisch-klinisch beleuchtet. Arch. klin. Chir., 1927, 144: 352-68.—Stephens, P. Etiology of inguinal hernia. California West. M., 1933, 38: 168-71.—Valdés, U. El papel del nervio ilio-hipogástrico en la reproducción de la hernia inguinal. An. Sanat. Valdés, 1927, 3: 81-9.—Venable, J., & Blincoe, H. A secondary inguinal hernia with bilateral indirect inguinal hernia. South. Surgeon, 1936, 5: 115-9.—Watson, L. F. Embryologic and anatomic considerations in etiology of inguinal and femoral hernias. Am. J. Surg., 1938, 42: 695-703.—Zieman, S. A. The fallacy of the conjoined tendon; the etiology and repair of inguinal hernia. Ibid., 1940, 50: 17-21.—Znachkovsky, B. P. [Formation of inguinal hernia in relation to the length of Poupert's ligament] Sovet. khir., 1933, 4: 232-5.—Zur Verth, M. Entstehung und Einteilung der Leistenbrüche unter besonderer Berücksichtigung ihrer Begutachtung: Leistenbruch, Konstitution, Bauchdruck. Deut. Zschr. Chir., 1926, 197: 190-204.

Hernia: Forensic and industrial aspect.

CLAUSS, R. *Betriebsunfall und Leistenbruch. 32p. 8°. Lpz., 1925.

Biondi, C. Il problema infortunistico delle ernie inguinali; brevi note di pratica medico-legale. Rass. previd. sociale, 1927, 14: No. 2, 20-5.—Botello, V. Aspecto médico-legal de la hernia inguinal. Monterrey méd., 1941, No. 61, 1455.—Chutro, P. De examen y nomenclatura de la hernia inguinal del varón del punto de vista médico-legal. In his Lecc. clin. quir., B. Air., 1938, 1: 109-60.—Leonardi, J. D. La hernia inguinal frente a la legislación del trabajo; el problema quirúrgico de la hernia. Rev. Soc. med. quir. Zulia, 1939, 13: 965-85.—Marín, J. La hernia como enfermedad profesional proveniente de un accidente del servicio. Rev. méd. lat. amer., B. Air., 1928-29, 14: 774-81.—Massopust, V. Dell'ernia inguinale quale malattia professionale. Rass. previd. sociale, 1930, 17: No. 9, 17-22.—

Palmer, R. F. The inguinal trigone; industrial considerations. Southwest M., 1936, 20: 205-9.—Piñero, H. M. La hernia inguinal como accidente del trabajo; su interpretación médico-legal. Rev. crim., B. Air., 1933, 20: 521-4.—Polewski, S. [On the evaluation of inguinal hernia of traumatic origin] Med. prakt., Poznań, 1934, 8: 304-6.—Ruddick, W. W. Inguinal hernia and its relation to compensation. Canad. M. Ass. J., 1928, 19: 675-9.—Sacco, C. L'ernia infortunio e l'anello inguinale esterno. Rass. med. indust., 1933, 4: 20-33.—Schram, C. F. N. Indirect inguinal hernia. Indust. M., 1936, 5: 615.—Spota, B. B. Indemnización por hernia operada. Prensa méd. argent., 1940, 27: 1942-5.—Thiem, H. Bei der Brucheingeklemmung ist zwar der Begriff der Überanstrengung nicht so scharf zu fassen, wie bei der Bruchentstehung, immerhin muss die Anstrengung über die betriebsübliche Leistung hinausgehen. Mschr. Unfallh., 1916, 23: 331-3.—Toll, R. M. Oblique hernia and workmen's compensation laws. Indust. M., 1934, 3: 76-8.

Hernia, inguino-scrotal.

See also 3, ser. Hernia, scrotal.

Adams, L. J. Massive scrotal hernia. Canad. M. Ass. J., 1930, 23: 58.—Angelescu, C., & Buzoianu, G. [Technical management of operation in inguino-scrotal hernia without hydrocele] Spitalul, 1934, 54: 1-5.—Asson, M. Storia di uno sventramento inguino-scrotale incarcerato, curato col l'operazione, avvenendone la cura radicale dell'ernia. Gior. progr. pat., Venez., 1842, ser. 2, 2: 229-37.—Barthélemy, Considérations sur les hernies scrotales géantes. Mém. Acad. chir., Par., 1936, 62: 465-7.—Belle, J. Hernie scrotale volumineuse. J. sc. méd. Lille, 1928, 46: 420, pl.—Cadenat, F. M. Considérations sur les énormes hernies scrotales. Mém. Acad. chir., Par., 1936, 62: 6.—Cahill, J. A., jr. Mammoth inoperable scrotal hernia; report of a case. Med. Ann. District of Columbia, 1933, 2: 137.—Catterina, A. Ernía inguino-scrotale destra, torsione dell'omento, tumore postumo alla regione inguinale. Arch. ital. chir., 1931-32, 29: 59-77.—Delagenière, Y. Phrenicectomy préalable pour traitement d'une hernie scrotale de très gros volume. J. internat. chir., Brux., 1936, 1: 389-93.—Dionne, L. R. Hernie scrotale super magna. Union méd. Canada, 1936, 65: 911.—Graham, W. C., & Coley, B. L. A bridge for supporting the scrotum following hernia operation. Am. J. Surg., 1938, 39: 655.—Merieux, O. F. A propos d'un cas de hernie inguino-scrotale (hernie permagna) opérée et guérie. Union méd. Canad., 1928, 57: 209-14.—Mikowski, W. [Contribution to clinic of congenital scrotal hernia] Polska gaz. lek., 1927, 6: 617; 641.—Oughterson, A. W. The hypertrophy of fascia and its use in the repair of large scrotal hernia. Surg. Gyn. Obst., 1929, 49: 387-91.—Petrone, F. J., & Vieira, E. Incarcerated bladder in a scrotal hernia; case report. N. England J. M., 1935, 213: 614-6.—Sánchez Becerra, H. Acerca de las hernias escrotales voluminosas. Gac. méd. Caracas, 1930, 37: 20-3.—Schilovtzev [Resection of twisted globule of jejunum in irreducible scrotal hernia] Vest. khir., 1926, 7: No. 21, 144.—Senn, C. L., & Ravenswaj, M. S. [An unusual scrotal hernia] Ned. tschr. geneesk., 1926, 70: 356.—Tovaru, S., & Niteacu, R. [Left inguino-scrotal appendicocele] Spitalul, 1934, 54: 415-7.—Vignolo, G. Voluminosa ernia inguino-scrotale destra strozzata; strozzamento rotatorio intra-addominale del mesentero dell'ileo con gangrena di metri 3.40 d'intestino. Arch. Soc. ital. chir. (1923) 1924, 30: 583-6.—Zhmur, V. A. [Hernia of the tunica vaginalis testis] Sovet. khir., 1931, 1: 513.

Hernia, interparietal, interstitial and intramural.

RICHARD, A. *Hernia inguinalis interparietalis [Kiel] 48p. 8°. Bottrop, 1931.

VOGT, H. *Hernia inguinalis interparietalis directa [Kiel] 20p. 23½cm. Gütersloh, 1935.

Berceanu, D. Un cas rare de sarcome avec lipoblastes emprisonné dans l'orifice interne du canal inguinal (hernie inguinale intramurale occulte) Rev. chir., Bucur., 1938, 41: 273-6.—Göbel, R. Ueber interparietale Leistenbrüche. Med. Welt, 1929, 3: 1860-2.—Immink, E. A. [Right incarcerated interparietal inguinal hernia] Geneesk. gids, 1930, 8: 701-4.—Ivanishevich, O., & Martiarena, L. H. Diagnóstico de certeza de las hernias intrainguinales. Bol. Soc. cir. B. Aires, 1939, 23: 137.—Levitsky, B. P. [Etiology of interparietal, interstitial inguinal hernia] Vest. khir., 1936, 44: 97-9.—Lower, W. E., & Hicken, N. F. Interparietal hernias. Ann. Surg., 1931, 94: 1070-87. Also Cleveland Clin. Q., 1932, 1: 9-30.—San Miguel, J. Hernia inguino-interstitial estrangulada. Sem. méd., B. Air., 1937, 44: pt 2, 671.

Hernia, para- and peringuinal.

BRUGGISSER, A. *Beitrag zur Hernia paringuinalis (Nebenleistenbruch) 22p. 8°. Bern, 1858.

Pezcoller, A. Contributo allo studio delle forme rare di ernia (l'ernia peringuinale) Boll. med. trent., 1933, 48: 3; 31.—Pozzi, C. L'ernia peri-inguinale. Osp. maggiore, Milano, 1931, 19: 409-17.—Nuovo contributo alla conoscenza dell'ernia peri-inguinale. Boll. Poliamb. Giuseppe Ronzoni, 1936, 10: 161-7.—Salto, G. L'ernia para- e peri-inguinale.

Atti Accad. fisioer. Siena, 1934, 11. ser., 2: 80-3. — Contribution à l'étude de 2 variétés rares de hernie (la hernie para- et péri-inguinale). Lyon chir., 1935, 32: 129-61. — Touzard, J. A propos d'un cas de hernie par-inguinale. Bull. Soc. méd. mil. fr., 1938, 32: 49-52.

Hernia: Pathology.

Ayzenstein, I. [On hernias in Spigelian groove (line from Poupert's ligament to diaphragm)] Vrach. delo, 1928, 11: 116-8. — Bachy, G. Hernie dite de la ligne semi-lunaire de Spiegel. Rev. chir., Par., 1937, 56: 201-12. — Basham, D. W. The sac of inguinal and crural hernia from an historical and operative point of view. J. Kansas M. Soc., 1932, 33: 55-62. — Beccari, C. L'ernia inguino-properitoneale. Clin. chir., Milano, 1937, n. ser., 13: 739-61. — Bordjochki, M. Hernie en W. Zbl. Chir., 1928, 55: 1348-52. — Bréchet, A. Un cas curieux de hernie inguinale. Bull. Soc. nat. chir., Par., 1935, 61: 341. — Burman, C. E. L. A case of large double inguinal hernia. Newcastle M. J., 1921-22, 2: 125. — Cherner, M. Indirect inguinal hernia in the light of the newer interpretation of anatomy. Ann. Surg., 1934, 99: 577-84. — Chutro, P. De pequeña hernia inguino-pubiana atascada. In his Lecc. clin. quir., B. Air., 1938, 1: 175-8. — Cole, A. E. A working model to demonstrate the anatomical relationships of inguinal herniae. Anat. Rec., 1941, 79: 53-6. — De Robertis, R. L'ernia inguino-properitoneale. Prat. chir., Arezzo, 1933-35, 4: 163-74. — Desjaques & Morel, A. Deux cas de hernies en W. Lyon méd., 1938, 162: 671. — Duret. Sur les hernies en W et l'étranglement rétrograde. J. sc. méd. Lille, 1920, 38: 69-74. — Fedotov, V. M. [Double inguinal hernia] Sovet. khir., 1933, 4: 103-6. — Georgescu, G., & Niculescu, P. [Interstitial inguinal hernia in double sack] Spitalul, 1931, 51: 307. — Göbell, R. Ueber besondere Formen der Leistenbrüche. Zbl. Chir., 1934, 61: 1266. — González Sánchez, C. Tres casos de hernia poco frecuentes. An. Hosp. S. José, Madrid, 1931-32, 3: 186-91. — Guyot, J. Sur un malade atteint de volumineuse hernie inguinale. Progr. méd., Par., 1936, 646-55. — Hanus, J. [Hernia inguinalis ectopica] Bratisl. lek. listy, 1937, 17: 665-77. — Hristidi, E., & Grigorescu, I. I. [Direct and indirect inguinal hernia on same side] Spitalul, 1929, 49: 239. — Hunsucker, W. C., & Jennings, D. Some newer concepts of inguinal hernia. South. M. S., 1939, 101: 313-5. — Johnson, W. B. An unusual case of inguinal hernia. Lancet, Lond., 1927, 2: 66. — Kovalevsky, M. G. [Rare cases of inguinal hernia] Vest. khir., 1926, 7: No. 19, 209-11. — Lecercle. Hernie inguinale géante. Bull. Soc. nat. chir., Par., 1926, 52: 703. — Macewen, J. A case of three-loop inguinal hernia. Brit. M. J., 1929, 1: 901. — Maciulis, S. [Case report of an unusually large inguinal hernia] Medicina, Kaunas, 1937, 18: 739. — McQueeney, A. Multiple sacs in inguinal hernia. Ann. Surg., 1926, 83: 81-3. — Manukian, R. S. [Two unilateral inguinal hernias] Khirurgia, Moskva, 1938, No. 4, 86-8. — Orlovsky, A. S. [Case of unilateral, double inguinal hernia] Vest. khir., 1937, 53: 167-9. — Pezzullo, A. Di un raro reperto erniario. Arch. Soc. ital. chir., 1929, 35: 1009-12. — Pizzuti, F. Osservazioni patologiche di ernia inguinale interna. Filiale sebezio, Nap., 1841, 21: 219-22. — Potapov, V. G. [On inguinal, superficial hernia] Kazan. med. J., 1930, 26: 895-9. — Racovicanu-Pitești, N. G. Contributions à l'étude des hernies inguinales. Roumanie méd., 1894, 2: 27; 87; 123. — Regele, H., & Knapp, P. Eine ungewöhnlich grosse ektopische Hernie. Zbl. Chir., 1933, 60: 386-8. — Rosenblatt, M. S. Inguinal hernia; clinical application of experimental studies. Northwest M., 1930, 29: 32-6. — Sertoli, L. Contributo clinico allo studio dell'ernia inguinale obliqua interna. Gazz. osp., 1936, 57: 1116-20. — Strode, J. E. Some observations on inguinal hernia. Proc. Clinic, Honolulu, 1939, 5: No. 4, 1-10. — Vasilkovan, V. J. [Rare case of inguinal hernia] Nov. khir. arkh., 1939, 43: 77-9. — Volochaeve, A. D. [Case of 2 inguinal hernias on the same side] Vrach. delo, 1936, 19: 993.

Hernia, recurrent.

BLANCHARD, M. *Suites éloignées et récidives après la cure radicale de la hernie inguinale [Lyon] 93p. 8°. Bourg, 1937.

HEINRICH [P. J.] G. *Die Ursachen der Leistenbruchrezidive. 23p. 8°. Frankf. a. M. [1933]

JACOBI, G. *Ueber die Rezidive nach Leisten- und Schenkelbruchoperationen sowie ihre Behandlung. 25p. 23cm. Berl., 1938.

Adler, A. Neues Verfahren zur Verhinderung der Rezidive bei Bruchoperationen. Zbl. Chir., 1931, 58: 3136-8. — Bile, S. Sulla ricostruzione della parete posteriore del canale inguinale nella radicale per ernie recidivanti e su alcune considerazioni, da ricerche personali, sul medesimo. Policlinico, 1933, sez. prat., 1679-85. — Birkenfeld, W. Ueber die Ursachen der postoperativen Leistenbruchrezidive. Arch. klin. Chir., 1933, 174: 525-35. — Block, W. Bericht über eine Sammlung von 20199 Leistenbruchoperationen (Rezidive) Ibid., 175: 607-24. — Burton, C. G., & Ramos, R. L. The results of surgical treatment of recurrent inguinal hernia. Surg. Gyn. Obst., 1940, 70: 969-75. — Jason, A. H. Recurrences following inguinal hernioplastics. Am. J. Surg., 1935, 27: 268-76. Also repr. — Kimball, A. P. Causes of recurrent inguinal hernia. Colorado M., 1926, 23: 373-9. — Lowman, K. E. Recurrence

of inguinal hernia. U. S. Nav. M. Bull., 1927, 25: 300-4. — Macaggi, G. B. Considerazioni sull'ernia recidiva a sede parainguinale. Policlinico, 1928, 35: sez. prat., 230. — Macome, J. H. Nuevos conceptos en la interpretación de la recidiva de la hernia inguinal; manera de evitar ésta. Sem. méd., B. Air., 1929, 36: 762-8. — Mühlbauer, Zur Rezidivfrage der Leistenbruchoperation nach Hackenbruch. Münch. med. Wschr., 1927, 74: 1095. — Ostfeld, D. Leistenbruchrezidiv und Leistenbruchstatistik. Deut. Zschr. Chir., 1933, 240: 322-45. — Peters, K. O. Zur Frage des Rezidives bei Leistenbruchoperationen. Arch. klin. Chir., 1934, 181: 294-302. — Ramos, R. L., & Burton, C. C. Recurrent inguinal hernia; analysis and statistical study, with discussion of the common errors in its repair. Med. Bull. Veterans Admin., 1939-40, 16: 318-25. — Rosenauer, F. Zur Heilung von Rezidivhernien mit dem Ringnetz nach Goepel. Wien. klin. Wschr., 1939, 52: 534-6. — Schär, W. Rezidivursachen nach Leistenbruchoperationen. Schweiz. med. Wschr., 1933, 63: 954. — Schmidt, L. [Rare case of recurrent inguinal hernia] Orv. hetil., 1929, 73: 427. — Selinger, J. Recurrence after operation for oblique inguinal hernia in the adult male. Ann. Surg., 1927, 86: 82-5. — Shafransky, I. M. [Case of femoral hernia, following operation for inguinal hernia] Radianska med., 1940, 5: No. 4, 61-7. — Shelley, H. J. Recurrent inguinal hernia; a study of 282 hernias and 268 repairs. Arch. Surg., 1940, 41: 1437-54. — Sitkovsky, P. P. [Probable cause of recurrence of inguinal hernias] Russ. klin., 1927, 7: 548-50. — Torrace, L. A proposito delle recidive dopo l'operazione radicale dell'ernia inguinale. Riforma med., 1937, 53: 793. — Uggeri, C. Sull'ernia crurale consecutiva ad intervento per ernia inguinale. Ann. ital. chir., 1937, 16: 383-406. — Wangersteen, O. H. Repair of recurrent and difficult hernias and other large defects of the abdominal wall employing the iliofascial tract of fascia lata as a pedicled flap. Surg. Gyn. Obst., 1934, 59: 766-80. — Wilmoth, C. L. Recurring inguinal hernia. J. Kansas M. Soc., 1937, 38: 101-5. — The recurrent inguinal hernia; the importance of an artificial fibroplastic proliferative phase in hernia repair. Surg. Gyn. Obst., 1940, 71: 802-7. — Zuckerswerdt, L., & Zettel, H. Hodenatrophie und Rezidive nach Operationen kindlicher Leistenbrüche. Chirurg, 1932, 4: 873-7.

Hernia: Rupture.

BERGMANN, F. *Ueber Spontanrupturen von Hernien. 16p. 20½cm. Würzb., 1938.

Ackermann, H. Ein Fall von Fremdkörperperforation im Bruchdarm. Zbl. Chir., 1929, 56: 2577-80. — Huet, P. Contusion herniaire par l'intermédiaire du bandage; rupture d'une anse grêle; intervention précoce; guérison. Bull. Soc. nat. chir., Par., 1932, 58: 1273-5. — Maysonié. Hernie inguinale; entéroécle; étranglement par l'anneau interne; gangrène et perforation de l'intestin; fistule stercorale. J. méd. Toulouse, 1855, 2. sér., 5: 369-74. — Vallega, L. Contusion di ernia inguinale obliqua esterna libera destra; rottura del sacco; incarcerationamento. Arch. ital. chir., 1931-32, 29: 298-302.

Hernia: Strangulation.

ERZER, B. *Incarcerierte Hernien als Todesursache in Basel 1877-1926 [Basel] 17p. 8°. Laufen, 1928.

KÖHLER [M.] A. *Ileus im Bruchsack [Jena] 16p. 8°. [Zeulenroda] 1931.

WICHHEUSEN, M. *Ueber die auffallende Häufigkeit der eingeklemmten Hernien während des Krieges. 74p. 8°. Rost., 1919.

Alves de Lima, J., & Corrêa Netto, A. Fistula estercoral consequente á hernia inguinal estrangulada. Gaz. clin., S. Paulo, 1926, 24: 20. — Balice, G. Ricerche batteriologiche sul liquido sacculare delle ernie strozzate. Boll. Ist. sieroter. milan., 1927, 6: 387-400. — Basch, F., & Beaux, A. R. Esfuerzo del epilón como complicación de hernia inguinal estrangulada y operada. Prensa méd. argent., 1940, 27: 198-201. — Bauer, C. Diagnostische Irrtümer beim eingeklemmten Leistenbruch. Münch. med. Wschr., 1931, 78: 1947. — Blauvelt, H. A case of strangulated inguinal hernia; reduction en masse; laparotomy; recovery. Med. Press & Circ., Lond., 1934, 188: 381. — Bogoiavlenskaia, M. G. [Ectopic, strangulated inguinal hernia] Vest. khir., 1939, 58: 265-7. — Bumm, R. Die Behandlung des gangränösen Darmes bei der Operation eingeklemmter Hernien. Chirurg, 1930, 2: 929-31. — Buzoianu, G., & Caramzulescu, D. [Clinical and operative aspects of strangulated, inguino-crural hernias] Spitalul, 1932, 52: 111-7. — Costa, L. P., & Bazterrica, E. Infarto extensivo del ileón consecutivo a una hernia inguinal estrangulada. Bol. Soc. cir. B. Aires, 1933, 17: 1104-10. — Dariu, E. A., & Sorton, A. Un curieux cas de hernie inguinale compliquée d'étranglement rétrograde de l'intestin. Gaz. hôp., 1926, 99: 477. — Elkin, J. A. [Ileus of the cecum in a left-sided, strangulated inguino-scrotal hernia] Khirurgia, Moskva, 1938, No. 9, 153. — Fallis, L. S. Recurrent inguinal hernia; an analysis of 200 operations. Ann. Surg., 1937, 106: 363-72. — Fotheringham, W. T. Hernia inguino-superficial estrangulada. Rev. méd. Rosario, 1930, 20: 103-9, pl. — Gabathuler, A. Die inkarzerierten Hernien der chirurgischen Klinik Basel in den Jahren 1920-25. Schweiz. med. Wschr., 1929, 59: 855-9. — Gendreau,

E. A. M., & Bourand, M. Strangulated hernia; review of 29 cases, 8 of which required intestinal resection. U. S. Nav. M. Bull., 1931, 29: 656-9.—**Goldberg, S. L., & Rambar, A. C.** Strangulated inguinal hernias in premature infants. Am. J. Surg., 1936, 32: 478-82.—**Guéry, H.** Hernie inguinale étranglée au fond du sac. Arch. méd. chir. province, 1929, 19: 25.—**Gütig, K.** Wirkliche und scheinbare Brucheingklemmungen als zweite Erkrankung. Beitr. klin. Chir., 1929, 147: 138-41.—**Hacfen, K. von.** Geschichtliche Betrachtung der Behandlungsweise eingeklemmter Leistenbrüche (1737-1937). Ibid., 1937, 166: 101-10.—**Hedlund, G. O.** Strangulated inguinal hernias in infants. Ohio M. J., 1934, 30: 234-6.—**Hulleu, M., & Villette, J.** Hernies inguinales étranglées de la première enfance; 3 cas opérés et guéris. J. sc. méd. Lille, 1922, 40: pt 2, 401-4.—**Jago, M. E. M.** A case strangulated inguinal hernia in an infant aged 14 days. Lancet, Lond., 1928, 1: 444.—**Kiparisov, N. S.** [Case of strangulation of the epiploen of the sigmoid in the inguinal canal, accompanied by gangrene without marked clinical symptoms]. Khirurgia, Moskva, 1938, No. 9, 154.—**Krestovsky, V. V.** [Radical extirpation en bloc of strangulated, gangrenous, inguinal hernia in men]. Vest. khir., 1927, No. 26-27, 293-7.—**Kröber, F.** Ein seltener Fall von eingeklemmtem Leistenbruch mit Selbstheilungsbestreben. Arch. klin. Chir., 1935, 182: 295-8.—**Larghero-Ibarz, P.** Oclusión intestinal y hemorragia peritoneal por hematoma del ileón consecutivo a intervención por hernia inguinal estrangulada. Arch. urug. med., 1936, 9: 468-72.—**Laufenstein, K.** Zwei Fälle von Darmstrangulation innerhalb eines Leistenbruchs. Wien. med. Wschr., 1929, 79: 250-3.—**Magyary, G. von.** Propteritoneale Brucheingklemmung. Zbl. Chir., 1939, 66: 1943-9.—**Marafu, J. F.** Notes of a case of strangulated inguinal hernia. Native M. Pract., Suva, 1931-37, 2: 140-2.—**Meade, R. H., jr.** Recurring peritonitis following operative reduction of a strangulated inguinal hernia, cure following resection of the damaged loop. Ann. Surg., 1939, 109: 43-8.—**Mowat, A. H.** The treatment of strangulated inguinal hernia. East Afr. M. J., 1936-37, 13: 2-7.—**Muller, P.** Volumineuse hernie inguino-scrotale étranglée avec double sac, dont l'un avec réaction séreuse; kélotomie; guérison. Bull. Soc. chir. Paris, 1929, 21: 404.—**Orillard, Payard & Foucault.** Hernie inguinale gauche étranglée réduite en masse. Rev. méd. centr. ouest, 1929, 99-102.—**Pearse, H. E., jr.** Strangulated hernia reduced en masse. Surg. Gyn. Obst., 1931, 53: 822-8.—**Princigalli, S.** Torsione del tenue secondaria a riduzione di ernia inguinale strozzata. Gazz. osp., 1934, 55: 644-9.—**Reid, R. D.** An unusual strangulated hernia. West Afr. M. J., 1934, 8: 11.—**Reinhold, C. H.** An unusual strangulated hernia. Ind. M. Gaz., 1939, 68: 633.—**Riche, Mourgue-Molines [et al.]** Hernie inguinale étranglée à double sac, l'un oblique externe, l'autre direct. Arch. Soc. sc. méd. biol. Montpellier, 1933, 14: 326-9.—**Rodnaev, E. R.** [Case of strangulation of Meckel's diverticulum in a left inguinal hernia]. Khirurgia, Moskva, 1939, No. 2-3, 162.—**Rokický, S.** [Case of incarcerated inter-intestinal inguinal hernia]. Bratisl. lek. listy, 1932, 12: 306-10.—**Sarkisov, G. K., & Ginsburg, I. S.** [Operative treatment in strangulated hernias]. Sovet. khir., 1931, 1: 489.—**Sen, S. K., & Candy, R. H.** A recurrent strangulated inguinal hernia treated by section of the spermatic cord. Ind. M. Gaz., 1939, 74: 95.—**Serfaty, M., & Maróttoli, O. R.** Hernias inguinales estranguladas en la primera infancia. Arch. argent. pediat., 1933, 4: 81-7.—**Silvestre, H.** Hernie inguinale étranglée; péritonite sédérante; guérison inespérée sans opération. J. méd. Toulouse, 1866, 4, sér., 5: 20-3.—**Sinichenko, I. G.** [Strangulated, left-sided inguinal hernias in children]. Sovet. med., 1940, No. 4, 22.—**Stoker, G. M.** Strangulated inguinal hernia in an infant. Brit. M. J., 1940, 1: 615.—**Sutton, J. E., jr.** Unusual strangulated indirect inguinal hernia. Am. J. Surg., 1931, n. ser., 11: 114.—**Thorndike, A., jr., & Ferguson, C. F.** Incarcerated inguinal hernia in infancy and childhood. Ibid., 1938, 39: 429-37.—**Tokmakov, A. S.** [Amputation of the caecum in left strangulated inguinal hernia]. Vest. khir., 1932, 26: 187.—**Weeks, A., & Pfueger, O. H.** Inguinal hernia, strangulated, containing a Meckel's diverticulum. Surg. Clin. N. America, 1933, 13: 1525-8.—**Wetherell, F. S.** Strangulated inguinal hernia in infants. N. York State J. M., 1926, 26: 640-2.—**Wolfe, H. R. I.** Strangulation of an inguinal hernia from auto-reduction en masse. Brit. J. Surg., 1939-40, 27: 421-3.—**Zhvaneitzky-Zabolotnyi, A. D.** [Cases of strangulated inguinal hernia in young children with intestinal excision]. Odess. med. J., 1928, 3: 307-11.

Hernia: Surgery.

GIULI, P. *L'opérabilité des hernies inguinales au cours de la 1^{re} année de la vie. 64p. 8°. Par., 1935.

LÓPEZ, J. A. La hernia inguinal simple; su tratamiento quirúrgico. 96p. 27cm. B. Air., 1937.

SORDINA, G. *De' vantaggi dalla notomia moderna prestati all'operazione dell'ernia inguinale e crurale. 32p. 21cm. Padova, 1823.

Andrews, E. Criteria of operability of inguinal hernia. Internat. J. M. & S., 1931, 44: 453-6.—**Barros Lima.** Um caso

de hernia inguinal irreductivel. Brasil med., 1927, 42: 153-5.—**Barroso do Amaral.** Hernia inguinal inoperavel. Rev. brasil. med. farm., 1929, 5: 327-30.—**Catterina, A.** In tema di trattamento operatorio dell'ernia inguinale. Policlinico, 1936, 43: sez. prat., 2308-13.—**Eliot, E., jr.** Anatomy and treatment of reducible oblique inguinal hernia. Tr. Ann. Surg. Ass., 1925, 43: 673-87.—**Estella, J., & de Castro, B.** Sobre la intervención operatoria en las hernias inguinales del lactante. Arch. med., Madr., 1926, 24: 298-314.—**Feldmann, E.** Falsche Indikationsstellung bei Leistenbrüchen. Zbl. Chir., 1926, 53: 1892.—**Foss, H. L., & Hicken, N. F.** Inguinal and femoral hernia. Am. J. Surg., 1932, 17: 349.—**Jarvis, J. F.** Some observations on the operative treatment of inguinal hernia. East Afr. M. J., 1939-40, 16: 10-21.—**Jaure, G. G.** Das dynamische Prinzip bei der Operation der Inguinalhernien. Zbl. Chir., 1927, 54: 2502-10.—**Keynes, G., Cumberland, W. I. [et al.]** Discussion on the operative treatment of uncomplicated inguinal hernia. Proc. R. Soc. M., Lond., 1936-37, 30: 529-40.—**Krecke, A.** Operation der Leistenbrüche bei kleinen Kindern. Münch. med. Wschr., 1927, 74: 1060-2.—**Luz Filho, F.** Tratamento cirúrgico das hérnias inguinaes. Rev. med. Bahia, 1940, 8: 298-306.—**McGlannan, A.** Inguinal hernia. Internat. Surg. Digest, 1927, 4: 67-74.—**Martel, T. de.** Hernie inguinale. In Prat. chir. illustr. (Pauchet, V.) 3. éd., Par., 1938, 22: 179-97.—**Maxeiner, S. R.** The present status of inguinal hernia and its repair. Minnesota M., 1928, 11: 279-85.—**O'Connor, J. F.** Treatment of inguinal hernia in adults. Brit. M. J., 1940, 2: 113-5.—**Reinhard, W.** Die operative Behandlung der kindlichen Leistenbrüche. Arch. klin. Chir., 1939, 195: 678-86.—**Rives, J. D.** Inguinal hernia: the principles upon which its treatment is based. Internat. Surg. Digest, 1933, 15: 3-13.—**Rosanov, M. N.** [Apparent reduction of inguinal hernia]. Sovet. khir., 1933, 4: 102.—**Rubashev, S. M.** [Individual or standard operation in inguinal hernia?]. Vest. khir., 1936, 44: 43-5.—**Salzer, H.** Wann und wie sollen wir die Inguinalhernie beim Kinde operieren? Wien. klin. Wschr., 1929, 42: 674-6.—**Seelig, M. G.** Fundamental principles underlying the operative cure of inguinal hernia. Tr. South. Surg. Ass., (1926) 1927, 39: 168-76, 3 pl. Also J. Am. M. Ass., 1927, 88: 529-32. Also repr.—**Slobodzeisky, B. J.** [Operative treatment of inguinal hernias in children]. Nov. khir. arkh., 1938, 42: 49-54.—**Spasokukotsky, S. I., Solovov, P. D. [et al.]** [Selection of operation for acquired inguinal hernia in males]. Sovet. med., 1939, 32-9.—**Thompson, C. F., & Reed, J. V.** Observations on inguinal hernia. Am. J. Surg., 1931, n. ser., 12: 458-61.—**Uncomplicated inguinal hernia.** Lancet, Lond., 1936, 2: 1397.—**Weber, F. K.** [Surgical treatment of inguinal hernia in children]. Vest. khir., 1927, 9: pt 2, No. 25, 151-9.—**Westmoreland, W. F.** Surgery of inguinal hernia. J. M. Ass. Georgia, 1926, 15: 132-6.—**Woolsey, R. A.** Inguinal hernia. Ann. Surg., 1936, 103: 812-20.—**Zimmerman, L. M.** Essential problems in the surgical treatment of inguinal hernia. Surg. Gyn. Obst., 1940, 71: 654-63. Also repr.

Hernia: Surgery: Anesthesia.

Dónovan. Anestesia local en la operación de Halstedt. Bol. Soc. cir. B. Aires, 1938, 22: 550.—**Henschen, K.** Der interinguinale Querschnitt als Zugangsschnitt zur Operation des ein- und beidseitigen Leistenbruchs; zur Frage der Gewebeschäden nach Lokalanästhesie. Beitr. klin. Chir., 1931, 153: 600-37.—**Läwen, A.** Ueber Paravertebralanästhesie zur Operation von Leisten- und Schenkelhernien. Schmerz, 1928, 1: 289-93.—**Nunziata, A.** Hernia inguinal; anestesia local. Sem. méd., B. Air., 1940, 47: 1460.—**Ostrowski, S.** Zur Anaesthesierung der Leistenhernie. Münch. med. Wschr., 1926, 73: 950.—**Patel, A. D.** Radical cure for inguinal hernia under local anaesthesia. Ind. M. Gaz., 1934, 69: 80.

Hernia: Surgery: Complication.

STURM, J. *Nachuntersuchungen an Hernien- und Varikozelenoperationen nach der Frage der Hodenatrophie. 15p. 8°. Würzb., 1934.

Beekman, F., & Sullivan, J. E. Analysis of immediate post-operative complications in 2,000 cases of inguinal hernia. Surg. Gyn. Obst., 1939, 68: 1052-9.—**Billimoria, B. R.** Aroceole of a hernial site after radical operation. Brit. M. J., 1940, 1: 255.—**Frankenberg, B.** Ueber entfernte Komplikationen bei einer Leistenbruchoperation. Zbl. Chir., 1927, 54: 723.—**Griep, K.** Auffallende Spätperforation nach Operation einer eingeklemmten Leistenhernie. Ibid., 1929, 56: 460.—**Joseph, A.** Femoralis-lähmung nach Leistenbruchoperation mit Verknüpfung körperlicher und seelischer Symptome. Zschr. ärztl. Fortbild., 1932, 29: 755.—**Krecke, A.** Tödliche Peritonitis nach Radikaloperation eines Leistenbruchs. In his Beitr. prakt. Chir., Münch., 1934, 260. Durchbruch eines Milzabszesses im Anschluss an die Radikaloperation einer Hernie. Ibid., 261-3.—**Lipscher, M.** Ein kurzer Beitrag zu den Gefahren der Bruchoperation nach Kocher. Zbl. Chir., 1927, 54: 467.—**Mayo, C. W., & Hardwick, R. S.** Unilateral and bilateral hernia: a comparative study of postoperative complications and the factors concerned. Collect. Papers Mayo Clin., 1935, 27: 153-9.—**Pytel, A. Y.** [Gastro-intestinal hemorrhages after operation for nonstrangulated inguinal hernias]. Klin. med., Moskva, 1931, 9: 611-6. Also Acta chir. scand., 1932, 70: 93-103, pl.—**Wolf, W.** Portaderthrombose nach Leistenbruchoperation. Zbl. Chir., 1932, 59: 945.

— Hernia: Surgery: Method.

- ALMEIDA TOLEDO, S. DE. *Contribuição para a cura radical da hernia inguinal (critica do processo de Bonnet) 110p. 8°. [S. Paulo] 1930.
- ARNAULD, P. M. R. *Sur une modification dans le procédé antéfuniculaire de la cure radicale des hernies inguinales. 36p. 8°. Par., 1932.
- CARVALHO BETTAMIO, J. de. *Cura radical das hernias inguinaes. 20p. 8°. Bahia, 1864.
- HARTMANN, J. A. *De intro-retroversione, methodo nova operationis radicalis herniae inguinalis. 32p. 21cm. Wien, 1840.
- HOFFMANN, R. *Contribution à l'étude de la cure radicale de la hernie inguinale par le procédé de Girard modifié. 18p. 8°. Genève, 1926.
- NASE, H. [J. T. G.] *Ueber die operative Behandlung der Leistenbrüche bei muskelschwachen Patienten [München] 41p. 8°. Wetter, 1932.
- RYERSON, S. *Inguinal hernia; a simplified management of the indirect variety evaluated by clinical experiment. 125p. MS. 4°. Buffalo, 1938.
- SIGNORONI, B. Sopra la intro-retroversione; nuova maniera di operazione radicale dell'ernia inguinale. 28p. 21cm. Milano, 1839.
- ZUNIGA PALLAIS, O. *Un procédé de cure radicale de la hernie inguinale. 39p. 8°. Par., 1929.
- Alberti, V. La utilizzazione del cremastere nella cura radicale delle ernie inguinali (processi Caminiti) Arch. Soc. ital. chir., 1932, 38: 774-9.—Almeida, E. M. de, & Neiva Filho, A. Cura operatoria da hernia inguinal; sistematização Castro Araujo. Fol. med., Rio, 1940, 21: 141-4.—Andrews, E. The Andrews imbrication method for inguinal hernia. Surg. Clin. N. America, 1934, 14: 919-26.—Babcock, W. W. The ideal in herniorrhaphy; a new method efficient for direct and indirect inguinal hernia. Surg. Gyn. Obst., 1927, 45: 534-40.—Babini, G. La cura dell'ernia inguinale col processo Ortali. Gazz. osp., 1929, 50: 780-4.—Bäcker, S. Eine plastische Leistenbruchoperation. Zbl. Chir., 1931, 58: 1377.—Baggio, G. Sull'operazione per ernia inguinale. Rass. internaz. clin. ter., 1934, 15: 768-73. — La costruzione della parete posteriore nella mia operazione d'ernia inguinale. Clin. chir., Milano, 1937, 40: n. ser., 13: 249-51. Also Gazz. internaz. med. chir., 1937, 47: 133.—Banet Pina, V., Nobo Geltas, P. P., & Levy Boladeres, J. La mioplastia del sartorio en la hernia inguinal. Rev. cienc. méd., Habana, 1939, 2: 35-7.—Baumann, E. Zur Radikaloperation des Leistenbruchs. Zbl. Chir., 1927, 54: 900-5.—Beccherie, G. Contributo alla cura di certe ernie inguinali mediante la mioplastica col muscolo sartorio. Policlinico, 1930, 37: sez. prat., 1239-41.—Bernabeo, V. Contributo casistico alla resezione delle vescie nella ernia inguinale obliqua interna e alle sue conseguenze. Arch. ital. urol., 1936, 13: 65-74.—Bigard, J. D. An operation for the repair of direct inguinal hernia. Surg. Gyn. Obst., 1939, 69: 98.—Black, K. A one-layer operation for inguinal hernia. Brit. M. J., 1940, 2: 627.—Block, W. Aponeurossensphinkterplastik, ein neues Leistenbruchoperationsverfahren. Zbl. Chir., 1927, 54: 332-7.—Bona, T. Neues Verfahren bei der Radikaloperation der Inguinalhernie. Ibid., 1936, 63: 699-702.—Bonnet, L. Sur un procédé de cure de la hernie inguinale. Presse méd., 1929, 37: 178.—Bossy & Gaudier, E. Nouvelle technique opératoire de la hernie inguinale. Echo méd. nord., 1931, 35: 281.—Burdick, C. G., & Higinbotham, N. L. Division of the spermatic cord as an aid in operating on selected types of inguinal hernia. Tr. Am. Surg. Ass., 1935, 53: 375-86. Also Ann. Surg., 1935, 102: 863-74.—Cadenat, F. M. La cure radicale des volumineuses hernies inguinales. Hôpital, Par., 1928, 16: 402.—Carnes, E. H. Direct inguinal hernia and a method of fascial repair. Hosp. News, Wash., 1939, 6: No. 23, 1-10, 2 fig. Also Surg. Gyn. Obst., 1939, 69: 247-50.—Carraro, A. Bemerkungen über Schmieden's Operation des Leistenbruchs. Zbl. Chir., 1932, 59: 524-7.—Catterina, A. Le otto figure esplicative del metodo Baggio nella cura radicale dell'ernia inguinale. Clin. chir., Milano, 1937, 40: 343-54.—Catterina. L'operazione per ernia inguinale obliqua esterna per il Dott. Giovanni Cocci. Clinica, Bologna, 1939, 5: 132.—Cherniakhivsky, E. G. [Modification in radical operation for inguinal hernia] Ukrain. med. vist., 1929, 5: 171-82.—Cocci, G. L'operazione per ernia inguinale obliqua esterna. Prat. chir., Arezzo, 1937-38, 5: 45, 7 pl.—Die Cocci Methode für die Operation der Leistenbrüche. Zbl. Chir., 1938, 65: 2717-20.—Coley, B. L. Reconstruction of Poupert's ligament. J. Am. M. Ass., 1930, 94: 1660.—Dell Oro, B. Un nuevo procedimiento operatorio para la cura de las hernias inguinales. Rev. méd. Rosario, 1933, 23: 449-62.—Dobrotvorský, V. I. [Radical operations of inguinal and femoral hernias] Tr. Acad. mil. méd. Kiroff, 1935, 3: 181-200.—Drüner, L. Ueber die Bogenschnitte und die Operation der Leistenhernien. Deut. Zschr. Chir., 1932, 235: 652-7.—Ueber die Leistenbruchoperation. Zbl. Chir., 1933, 60: 2115; 1934, 61: 2923.—Dulin, J. W. Inguinal hernioplasty in the aged. J. Iowa M. Soc., 1938, 28: 239.—Faddeev, A. D. [Radical operation in inguinal hernia] Nov. khir. arkh., 1938, 40: 240.—Farr, C. E. A modified technique for difficult inguinal hernias. Surg. Gyn. Obst., 1927, 44: 261.—Fleming, B. L. Inguinal hernioplasty with fascia transplant. Arch. Surg., 1938, 36: 698-704.—Folliasson, A. Un procédé de cure radicale de la hernie inguinale. Gaz. hôp., 1929, 102: 481.—& Garophalides, T. L'intervention pour ectopie inguinale haut située. Rev. chir., Par., 1931, 69: 48-56, 4 pl.—Forgue. La cure radicale de la hernie inguinale et l'œuvre nitiatrice de Lucas-Championnière. J. méd. chir., Par., 1930, 101: 756-69.—Frastacky, S. [Prof. Kostlivy's plastic operation in inguinal hernia] Bratisl. lek. listy, 1937, 17: 582-90.—Gabay, A. Zur Methodik der Radikaloperation des Leistenbruchs. Zbl. Chir., 1928, 55: 1988.—Garry, G. Beitrag zur Radikaloperation der Leistenhernie. Ibid., 1929, 56: 3205-7.—Gersch, L. Eine einfache plastische Methode der Herniotomie bei der Muskelatrophie des Leistenkanals. Ibid., 1926, 53: 2324-7.—Ginsberg, M. M. Zur Technik der Radikaloperation der Leistenbrüche. Ibid., 1927, 54: 2442-4.—Goinard, P. Cure radicale de certaines hernies inguinales par fixation du tendon conjoint au ligament de Cooper. Presse méd., 1939, 47: 872.—Goldberg, S. V., & Suchov, V. N. [Brenner method in radical operation of inguinal hernia] Vest. khir., 1927, 9: pt 2, No. 25, 147-50.—Golden, B. I. An improved technique for the correction of the inguinal hernia. Tr. Internat. Coll. Surgeons, 1938, 1: 167-72. Also Am. J. Surg., 1936, 34: 306-8.—Grau, E. Die Technik der Leistenbruchoperation nach Kocher II. Chirurg, 1939, 11: 600-3.—Gurevich, G. M. Zur Modifikation der Herniotomie bei Operationsmethoden mit Leistenkanalverengerung. Zbl. Chir., 1926, 53: 661-4.—Halsted, W. S. The radical cure of inguinal hernia in the male. Med. Classics, 1938-39, 3: 412-40, 3 pl.—Hayner, J. C. An analysis of the mechanism and surgical treatment of inguinal hernia: preliminary report of a new operation. J. Am. Inst. Homeop., 1932, 25: 813-25. — Essentials in the repair of inguinal hernia: report of a new operation. Collect. Papers N. York Homeop. M. Coll., 1935, 1: 160-76.—Herman, G. G. Repair of inguinal hernia. U. S. Nav. M. Bull., 1936, 34: 452-6.—Hernández López, E. El tratamiento operatorio de la hernia inguinal (método de Andrews) Progr. clín., Madr., 1928, 36: 52-6.—Hinze, R. [Plastic operation in inguinal hernia by means of the crural ligament] Polska gaz. lek., 1936, 15: 508-10.—Huet, P., & Blondin, S. Sur un procédé myoplastique employant le muscle courier, dans les traitements de certaines hernies inguinales. J. chir., Par., 1930, 35: 22-32.—Hutchins, E. H. Operation for direct inguinal hernia. Surg. Gyn. Obst., 1932, 54: 964-8.—Jones, W. F. Operation for greater mobilization of the transversalis fascia in the repair of direct inguinal herniae. Am. J. Surg., 1940, 50: 27.—Kasansky, V. I. [Modifications in radical operation for inguinal hernia] Sovet. khir., 1931, 1: 249-54.—Keller, W. L. Fortifying the triangle in repair of inguinal hernia. Ann. Surg., 1926, 84: 756-9.—Kiriac, R. Quelques considérations sur la cure radicale des hernies inguinales. Roumanie méd., 1893, 1: 234-40.—Kofmann, V. Technique rationnelle de la herniotomie inguinale. J. internat. chir., Brux., 1939, 4: 385-98. Also Sovet. med., 1939, No. 3-4, 25-7.—Kofmann, W. S. Zur Frage der funktionellen Plastik bei der Inguinalhernienoperation. Zbl. Chir., 1933, 60: 2935-8.—Kraschennikov, V. [Radical operation for inguinal hernia, König's modified method] Vest. khir., 1927, 11: No. 32, 158-60.—Landivar, A. F. La plastica del sartorio en el tratamiento de ciertas hernias inguinales. Día méd., B. Air., 1931-32, 4: 417-9.—Técnica de la mioplastia retrofunicular imbricada del sartorio en el tratamiento de ciertas hernias inguinales. Rev. cir., B. Air., 1933, 12: 590-7.—& Iparraquirre, C. L. La plastica de un solo músculo sartorio en el tratamiento de ciertas hernias inguinales dobles. Bol. Soc. cir. B. Aires, 1932, 16: 270-5.—La mioplastia del pectíneo en el tratamiento de la hernia inguinal y crural del mismo lado. Día méd., B. Air., 1935, 7: 1134.—Leñero, R. S. Modificaciones a la cura radical de la hernia inguinale. Rev. cir. Hosp. Juárez, Méx., 1935, 7: 459-62.—Léonte, C. Procédé opératoire pour les hernies inguinales volumineuses. Rev. techn. chir., Par., 1931, 23: 248-56.—Levering, J. W. The use of peritoneum in the repair of inguinal hernia. Ann. Surg., 1935, 101: 550-3. Also In Surgery (Ravdin, I. S.) Phila., 1935, 550-3.—Levi, J. L. [New method of radical operation of inguinal hernia] Khirurgia, Moskva, 1939, No. 11, 90-5.—Love, R. J. M. Some observations on the operation of radical cure of an inguinal hernia. Postgrad. M. J., Lond., 1935, 11: 66-9.—MacFee, W. F. The repair of inguinal hernia with transplantation of the cord to the femoral canal; a preliminary report. Tr. Am. Surg. Ass., 1940, 58: 637-50. Also Ann. Surg., 1940, 112: 1071-84.—MacGregor, W. W. The fundamental operative treatment of inguinal hernia. Surg. Gyn. Obst., 1930, 40: 438-40.—Mackid, L. S. Inguinal hernia: with special reference to sliding hernia and a new treatment. Canad. M. Ass. J., 1936, 34: 269-71.—Malbec, E. F. Modificación introducida a las técnicas operatorias corrientes para la cura de la hernia inguinale. Sem. méd. B. Air., 1934, 41: pt 2, 556-8.—Mariantchik, L. P. Eine Modifikation der Aponeurossendoppelung bei Leistenbruchoperationen. Zbl. Chir., 1926, 53: 656-61.—Martinov, A. V. [Methods of radical operations for inguinal and femoral hernias] Klin. med., Moskva, 1926, 4: 318-21.—

- Mason, J. T., & Baker, J. W. Gallie transplant: a convenient drape sheet. *Surg. Clin. N. America*, 1933, 13: 119-23.
- Mason, R. L. The repair of inguinal hernia. *Ibid.*, 1929, 9: 1437-43.
- Mayer, L. A propos de la cure radicale de la hernie inguinale. *Bruxelles méd.*, 1936-37, 17: 1754.
- Mendizabal, P. Procedimiento para erradicar fácilmente el saco de la hernia inguinal. *Gac. méd. México*, 1930, 61: 278-80.
- Merello, M. Contribución al estudio de la cura radical de la hernia inguinal: procedimiento de Andrew y Fournel. *Prensa méd. argent.*, 1927-28, 14: 1257-75.
- Meringas, K. Neures zur Operationsmethode der Leistenbrüche. *Zbl. Chir.*, 1936, 63: 2050-5.
- Meynen, F. G. Fascia plication in the repair of inguinal hernia. *Med. Times, N. Y.*, 1933, 61: 3-18.
- Milch, H. The transversalis fascia in inguinal hernioplasty. *Med. Rec., N. Y.*, 1935, 142: 397.
- Milliken, S. E. Radical cure of inguinal hernia complicated by undesecended testis, revised technic. *Dallas M. J.*, 1927, 13: 63-6.
- Moraes Barros, Filho, N., & Pinto de Sousa, E. Conceito atual sobre a patologia e o tratamento das hérnias inguinais; técnica de Edmund Andrews. *Arq. cir. clin. exp.*, S. Paulo, 1940, 4: 30-62.
- Moszkowicz, L. Zur Radikaloperation des Leistenbruchs. *Med. Klin., Berl.*, 1933, 29: 487-90.
- Nast-Kolb. Die operative Behandlung der Leisten- und Nabelbrüche bei Kindern. *Med. Korb. Württemberg*, 1931, 101: 424.
- Nemilov, A. A. [Simplification of the technique of operations on inguinal hernia]. *Vest. khir.*, 1927, 9: pt 2, No. 25, 160-4.
- Newton, A., & Searby, H. Operation for the cure of oblique inguinal hernia. *Surg. Gyn. Obst.*, 1929, 48: 491-3.
- Noetzel, W. Zur Operation der Leistenbrüche. *Arch. klin. Chir.*, 1931, 166: 683-9.
- Grundsätzliches zur Verbesserung der Erfolge der Leistenbruchoperation. *Ibid.*, 1932, 169: 534-43.
- Novalis, A. L., & Hermeto Júnior, S. Modificação do processo de Girard para o tratamento da hérnia inguinal. *Rev. As. paul. med.*, 1934, 5: 361-5, 3 pl.
- Partipilo, A. V. Direct inguinal hernia incident to indirect hernia; a method of detection and repair. *Am. J. Surg.*, 1929, n. ser., 7: 99-102.
- Pauchet, V. Cura radical de una punta de hernia inguinal. *Crón. méd. mex.*, 1933, 32: 324-31.
- Paul, M. The mechanics of inguinal hernia and its treatment by surgical operation. *Med. Press & Circ., Lond.*, 1935, 190: 522-5.
- Payne, R. L. Inguinal hernia: standardizing technic for operative repair. *South. M. J.*, 1934, 27: 220-4.
- Petit, J. A. Plastic repair of inguinal hernia. *J. Am. M. Ass.*, 1930, 95: 1497-9.
- Petraschevskaja, G. F. [Ruggi Parlavacchio operation in femoral and inguinal hernia]. *Vest. khir.*, 1927, 9: pt 2, No. 25, 165-70.
- Popov, A. P. [Radical operation in inguinal hernia without excision of the hernial sac]. *Ibid.*, 1932, 27: 71-4.
- Quattrochi, A. Di una modificata metodo Postemsky per la cura radicale dell'ernia inguinale. *Policlinico*, 1934, 41: sez. prat., 1447.
- Quigley, T. B. Inguinal herniorrhaphy in the aged; an analysis of 100 consecutive cases in patients over 65 years of age. *N. England J. M.*, 1940, 222: 666-70.
- Ramos, R. L., & Burton, C. C. Inguinal hernia; application of cardinal principles in the repair of inguinal hernias. *Surg. Gyn. Obst.*, 1939, 69: 688-93.
- Rienhoff, W. F., Jr. The use of the rectus fascia for closure of the lower or critical angle of the wound in the repair of inguinal hernia. *Surgery*, 1940, 8: 326-39.
- Rizzoli, F. Nouvelles observations et procédés spéciaux applicables au traitement des hernies inguinales, lorsque le testicule n'est pas descendu dans le scrotum. *Presse méd. belge*, 1861-62, 14: 85-7.
- Robins, C. R. Direct inguinal hernia; presentation of an operation for its cure. *Tr. South. Surg. Ass.*, 1937, 50: 314-36.
- Also *Ann. Surg.*, 1938, 108: 389-410.
- Ross, J. A., & Fraser, A. Herniotomy at the age of 93. *Brit. M. J.*, 1940, 1: 256.
- Russell, T. H. Inguinal hernia. *Surg. Clin. N. America*, 1930, 10: 509-21.
- Sanchis Perpiñá, V. Nuestro procedimiento operatorio en las hernias inguinales. *Arch. med., Madr.*, 1929, 31: 78-85.
- Sarkadi, S. [Simple method of safe closure of inguinal hernia]. *Gyógyászat*, 1939, 79: 331-4.
- Schewket, F. Mein Verfahren bei der inguinalen Herniotomie. *Zbl. Chir.*, 1930, 57: 649.
- Schmieden, V. Zur Behandlung des Leistenbruchs, ein neues Operationsprinzip. *Arch. klin. Chir.*, 1929, 157: 615-22.
- [Discussion] 138.
- Simpson-Smith, A. Inguinal hernia: a new operative reinforcement. *Brit. M. J.*, 1939, 2: 990.
- Sistrunk, W. E. A combined oblique and transverse skin incision in operations for inguinal hernia. *Surg. Clin. N. America*, 1929, 9: 809-11.
- Smith, P. Un procédé de cure radicale de hernie inguinale. *Union méd. Canada*, 1937, 66: 617-22.
- Sokolov, N. V. [Selection of operative method for treatment of inguinal hernia]. *Kazan. med. J.*, 1939, 35: No. 7, 1-9.
- Soresi, A. L. Exteriorization and utilization of the sac and redundant peritoneum in radical treatment of inguinal hernia. *Am. J. Surg.*, 1930, n. ser., 10: 130-5.
- Also repr.—Stein, J. J., & Brown, P. F. The repair of inguinal hernia; a standardized technique. *Surg. Gyn. Obst.*, 1940, 70: 1054-7.
- Stiasny, H. Beitrag zur Radikaloperation der Leistenbrüche. *Zbl. Chir.*, 1936, 63: 546-51.
- Studsinsky, I. V. Die Leistenbruchoperation mit Annähen der Gewebe der vorderen Bauchwand an das Lig. poupartii als eines der ätiologischen Momente für die Cruralhernienbildung. *Arch. klin. Chir.*, 1929, 154: 142-9.
- Suárez Aguirre, G. Imbricamiento aponeurotico en la cura de la hernia inguinal. *Rev. As. méd. argent.*, 1939, 53: 540.
- Swinton, N. W., & Schwalm, L. J. The use of fascia lata in the repair of inguinal hernia. *Surg. Clin. N. America*, 1935, 15: 1653-8.
- Szarecki, B. [Radical treatment of inguinal hernia]. *Lek. wojsk.*, 1932, 20: 273-89.
- Tawaststjerna, O. Ist Muskelplastik bei Operation von Hernia inguinalis bei Kindern erforderlich? *Acta chir. scand.*, 1925, 58: 55-9.
- Trigo Aree, D. Refacción de la pared posterior del canal inguinal en la operación de la hernia inguinal oblicua externa. *Rev. san. mil.*, La Paz, 1938, 4: 619-21.
- Ulrichs, B. Plastisches Material für Leistenbruchoperationen. *Zbl. Chir.*, 1927, 54: 1298.
- Valerio, A. Algumas noções praticas sobre o tratamento cirurgico das hernias inguinaes. *Brasil med.*, 1932, 46: 25-7.
- Veal, J. R., & Baker, D. D. Repair of direct inguinal hernia by osteoperiosteal graft to the pectineal line of the pubis. *Surgery*, 1938, 3: 585-92.
- Villafañe, I. Z. Imbricamiento de la aponeurosis del oblicuo mayor en la cura de la hernia inguinal. *Rev. As. méd. argent.*, 1939, 53: 845.
- Wachsmuth, W. Zur Radikaloperation des kindlichen Leistenbruchs. *Deut. Zschr. Chir.*, 1931, 232: 406.
- Wetherell, F. S. Indirect inguinal hernia; some observations on Russell's theory and technique. *Surg. Gyn. Obst.*, 1930, 51: 133.
- Willis, D. A. Disposition of the sac in operations for oblique inguinal and femoral hernias. *Surgery*, 1940, 7: 212-6.
- Wollesen, J. M. [Inguinal herniotomy]. *Bibl. Inger*, 1931, 123: 527-71.
- Woodside, C. J. A. Treatment of inguinal hernia in adults. *Brit. M. J.*, 1940, 2: 239.
- Zephirino do Amaral. Nouveau procédé de cure radicale de la hernie inguinale. *Rev. sudamér. méd.*, Par., 1931, 2: 365-72.
- Zimmerman, L. M. Inguinal hernia, the surgical treatment of direct inguinal hernia. *Surg. Gyn. Obst.*, 1938, 66: 193-8.

Hernia: Surgery: Method, intra-abdominal.

- Banerjee, P. An intra-abdominal operation for oblique inguinal hernia. *Ind. M. Gaz.*, 1928, 63: 118-20.
- Intraperitoneal herniorrhaphy in inguinal hernia. *Surg. Gyn. Obst.*, 1932, 54: 706-11.
- Birke, L. Radikaloperation der schrägen Leistenbrüche durch Laparotomie. *Zbl. Chir.*, 1928, 55: 476.
- Huard, P. Cure des hernies inguinales par voie endopéritonéale. *Gaz. méd. France*, 1935, 42: 753-5.
- LaRoque, G. P. The intra-abdominal method of removing inguinal and femoral hernia. *Arch. Surg.*, 1932, 24: 189-203.
- Also repr.—Sutton, L. E. The intraperitoneal approach for repair of inguinal hernia. *Ann. Surg.*, 1936, 104: 1030-7.
- Williams, C. The advantages of the abdominal approach to inguinal hernia. *Tr. South. Surg. Ass.*, 1937, 50: 308-13.
- [Discussion] 334. Also *Ann. Surg.*, 1938, 107: 917-22.

Hernia: Surgery: Method—of Bassini.

- CATTERINA, A. Die Bruchoperation nach Bassini. 56p. 4°. Berl., 1933.
- EVERKEN, H. *Erfolge und Misserfolge nach Bassinioperation nachgewiesen an 400 an der Bonner chirurgischen Klinik operierten Fällen. 23p. 8°. Bonn, 1931.
- STOPS, J. *Bedeutung der Modifikationen der Bassini'schen Radikaloperation der Leistenhernie einen Fortschritt? 56p. 21cm. Bonn, 1937.
- Adler, A. Weitere Erfahrungen über das Bassini'sche Verfahren mit meiner Modifikation. *Zbl. Chir.*, 1935, 62: 1159-62.
- Anatolian, L. A. [Bassini's classical kelotomy]. *Khirurgia, Moskva*, 1937, No. 9, 106-10.
- Baggio, G. Il muscolo retto nell'operazione di Bassini. *Policlinico*, 1933, 40: sez. prat., 1686-8.
- Il mio procedimento applicativo del metodo Bassini nell'ernia inguinale. *Ibid.*, 1935, 42: sez. prat., 1019-35.
- Barth, K. Die Ergebnisse der Leistenbruchoperation nach Bassini nach dem Krankengut der chirurgischen Klinik des St. Marien-Krankenhauses Frankfurt a. Main. *Zbl. Chir.*, 1936, 63: 2771-4.
- Bassini's operation for hernia. *J. Am. M. Ass.*, 1939, 113: 697.
- Bertelsmann, R. Zur Bassini'schen Operation. *Zbl. Chir.*, 1934, 61: 1912.
- Bessin, A. Erfahrungen mit der Bassinischen Leistenbruchoperation in der Modifikation von Kirschner. *Arch. klin. Chir.*, 1933, 175: 367-75.
- Capaldi, B. L'incisione della fascia trasversale come tempo preparatorio all'isolamento del sacco nell'operazione di Bassini. *Arch. Soc. ital. chir.* (1937) 1938, 44: 1060-2.
- Zur Technik der Bassini-Operation. *Chirurg*, 1937, 9: 852-4.
- Carraro, A. Das Originalverfahren Bassinis zur Beseitigung der Hernia inguinalis. *Ibid.*, 1933, 5: 296-301.
- Catterina, A. L'operazione di Bassini. *Arch. Soc. ital. chir.*, 1933, 39: 938-41.
- Gli errori più comuni nella esecuzione dell'operazione di Bassini. *Ibid.*, 1934, 40: 436-46.
- L'operazione di Bassini e i procedimenti di Brenner, Hackenbruch-Drüner, Schmieden e Kirschner. *Arch. ital. chir.*, 1934, 38: 73-119.
- Also *Policlinico*, 1934, 41: sez. prat., 291-8.
- Also *Zbl. Chir.*, 1934, 61: 933-44.
- Zur Beurteilung der Bassini-Operation. *Ibid.*, 2358-60.
- Cenni sui concetti informativi dell'operazione di Bassini. *Policlinico*, 1934, 41: sez. prat., 1325.
- Modificazioni e tecnica di chirurghi italiani riguardanti l'operazione di Bassini. *Ibid.*, 1326-34.
- A l'occasion du 50^e anniversaire de l'opération de Bassini. *Presse méd.*, 1937, 45: 1849, 2 portr.
- Also *Rass. internaz. clin. ter.*, 1937, 18: 507-10.
- Una modificazione ad una modificazione della operazione di Bassini. *Policlinico*, 1938, 45: sez. prat., 688-93.
- Concetti fondamentali e tecnica dell'operazione di Bassini. *Gior. med. mil.*, 1939, 87: 451-6.
- L'operazione di Bassini descritta e illustrata dal Prof. A. Ciminata. *Clin. chir.*, Milano, 1940, 43: 11-9.
- Cocci, G. L'operazione per ernia inguinale sciolta secondo Bassini. *Prat. chir.*, Arezzo, 1926-27, 1: 145; 195; 275.
- La ricostruzione della parete posteriore del canale inguinale nell'operazione Bassini per ernia. *Ibid.*, 1928, 2:

159-65.—**Drüner, L.** Zur Beurteilung der Bassinioperation. *Zbl. Chir.*, 1934, 61: 1401.—**Fobes, J. H.** A report upon a modification of the Bassini-Andrews operation for inguinal hernia. In *Fifth Ave. Hosp. Clin.*, N. Y., 1927, 263-6.—**Fratini, G.** Cenni sui concetti informativi dell'operazione di Bassini. *Policlinico*, 1934, 41: sez. prat., 723-7.—**Gioia, T.** La operación radical de Bassini modificada, para el tratamiento de la hernia inguinal. *Sem. méd.*, B. Air., 1939, 46: pt 2, 1517.—**Hermeto, S., jr.** A proposito da utilização do musculo recto anterior na operação de Bassini. *Rev. Ass. paul. med.*, 1937, 10: 142-55.—**Kirschner.** Eine in etwa 1,500 Fällen verwendete Abart der Bassinischen Leistenbruchoperation. *Arch. klin. Chir.*, 1933, 175: 357-66.—**Kuprianov, P. A.** [Herniotomy according to Bassini]. *Vest. khir.*, 1938, 55: 638-48.—**Liachowitzky, M. M.** Erfahrungen über die radikale Leistenbruchoperation nach Bassini-Schmieden. *Zbl. Chir.*, 1931, 58: 1638-43.—**McVay, C. B.** A fundamental error in the Bassini operation for direct inguinal hernia; a preliminary report. *Univ. Hosp. Bull.*, Ann Arb., 1939, 5: 14.—**Pizzagalli, L.** Ancora sulla modificazione Bagozzi al terzo momento della cura radicale Bassini per l'ernia inguinale. *Boll. spec. med. chir.*, 1928, 2: 289-92, pl.—**Pianz, J.** Die Leistenbruchoperation nach Bassini und das Hackenbruch-Drüner'sche Verfahren. *Zbl. Chir.*, 1933, 60: 2933-5.—**Ricci, G.** Zur Behandlung des Leistenbruches nach Bassini'scher Methode. *Ibid.*, 1932, 59: 1569-72.—**Schmieden, V., & Niessen, H.** Komplikationen und Technik; Bemerkungen zur vorstehenden Arbeit von Liachowitzky: Erfahrungen über die radikale Leistenbruchoperation nach Bassini-Schmieden. *Ibid.*, 1931, 58: 1643.—**Stefani, F.** Sulla tecnica dell'operazione radicale di Bassini per l'ernia inguinale. *Arch. ital. chir.*, 1933, 35: 277-88.—**Stoccarda, F.** Una proposta per onorare il Prof. E. Bassini nel cinquantenario della prima operazione di ernia. *Policlinico*, 1937, 44: sez. prat., 2153.—**Thomas, T. T.** Use of nail in Bassini operation for large inguinal hernia especially direct and recurrent. *Surg. Clin. N. America*, 1932, 12: 1433-46. Also *Med. Rec.*, N. Y., 1934, 140: 287-92.—**Torraca, L.** Note ed osservazioni sulle recidive dopo operazioni radicali dell'ernia inguinale secondo il Bassini. *Arch. Soc. ital. chir.* (1937) 1938, 44: 1063-8.—**Wald, A.** Zur Operation der Leistenbrüche nach Bassini. *Zbl. Chir.*, 1939, 66: 1217-23.

— Hernia: Surgery: Results.

See also subheading Hernia, recurrent.

DAICHES, P. *Endresultate der Radikaloperation von Hernien speziell der Inguinalhernien [Bern] 27p. 8°. Lpz., 1904.

ROSE, R. J. *Inguinal hernia; a review of 125 surgical repairs [S. Mary's Mercy Hosp.] 14p. 28cm. Gary, 1940.

RUST, W. *Ueber die Erfolge der Inguinalhernienoperationen. 31p. 8°. Berl., 1928.

Berman, Z. S. [Remote sequelae of operations for inguinal and crural hernia]. *Khirurgia*, Moskva, 1937, 66-71.—**Carraway, C. N., & Gayle, J. F.** A report of 875 consecutive inguinal herniorrhaphies. *Bull. Norwood Clin.*, 1939, 3: 18-21.—**Catell, R. B., & Anderson, C.** End results in the operative treatment of inguinal hernia. *N. England J. M.*, 1931, 205: 430-2.—**Chessin, W. R.** Die Leistenbruchoperation nach Versuchsergebnissen. *Zbl. Chir.*, 1926, 53: 529-33.—**Dengler.** Ueber die Dauerresultate bei Leistenbruchradikaloperationen nach Jaure. *Deut. Zschr. Chir.*, 1931, 131: 435-8.—**Fallis, L. S.** Inguinal hernia; a report of 1,600 operations. *Ann. Surg.*, 1936, 104: 403-18.—**Fitch, E. M.** Some causes of failure in the operative treatment of inguinal hernia. *Tr. N. England Surg. Soc.*, 1931, 13: 137-54. Also *N. England J. M.*, 1931, 204: 49-55.—**Fite, W. P.** An analysis of 1514 inguinal herniotomies. *J. Oklahoma M. Ass.*, 1938, 31: 333-7.—**Gibson, C. L., & Felter, R. K.** End-results of inguinal hernia operations. *Tr. Am. Surg. Ass.*, 1930, 48: 306-15. Also *Ann. Surg.*, 1930, 92: 744-53.—**Gray, W.** The operative treatment of inguinal hernia; results obtained in adult males by the fascial suture technique. *Brit. M. J.*, 1940, 1: 568.—**Huston, H. R.** Inguinal herniotomy; a report of 1,500 cases, demonstrating advantages of transplantation of spermatic cord external to fascial layers. *Am. J. Surg.*, 1933, 20: 122-7. Also repr.—**Jensen, J. P.** [Results of hernia operations with subcutaneous disposition of seminal cord]. *Hospitaltidende*, 1930, 73: 659-61.—**Joyce, T. M.** Fascial repair of inguinal hernias; report of 760 operations from January 1934 to January 1939. *J. Am. M. Ass.*, 1940, 115: 971-7.—**Larioshchenko, T. G.** [Working capacity following operations for inguinal hernia]. *Sovet. vrach.*, J., 1936, 1: 1880-3.—**Ledermann, H.** Neunzehn Jahre Leistenbruchoperation; Ergebnisse der Nachuntersuchungen von 416 Fällen. *Deut. Zschr. Chir.*, 1932, 235: 658-66.—**Lüth, G.** Ueber Dauerresultate nach Radikaloperation von Leistenbrüchen im Kindesalter. *Arch. klin. Chir.*, 1936, 187: 124-41.—**Marxer, H.** Ueber Nachuntersuchungsergebnisse von Leistenbruchoperationen im Kindesalter. *Beitr. klin. Chir.*, 1932, 156: 521.—**Mathisen, W.** [Secondary examinations of 466 patients, operated for inguinal and femoral hernia]. *Norsk. mag. lægevid.*, 1938, 99: 681-92.—**Meiss, W. C.** [Results of treatment of direct inguinal hernia at the Leyden clinic]. *Ned. tsehr. geneesk.*, 1926, 13: 531-9.—**Mikuly, N.** [Distant results of surgical treatment of inguinal hernia from the material of Babuchine Hospital from 1917 to 1925]. *Mosk. med. J.*, 1926, 6: No. 12,

56-61.—**Most, A.** Fehler bei der Bruchoperation nach Kocher und deren Verhütung. *Zbl. Chir.*, 1927, 54: 1058-60.—**Müllder, A.** Ueber die Operation des Leistenbruches (Ergebnisse der Fascienplastik). *Wien. klin. Wschr.*, 1934, 47: 1221-4.—**Niessen, H.** Erfahrungen über die Leistenbruchoperation an der Frankfurter Klinik. *Chirurg*, 1931, 3: 805-10.

— **Potts, W. J.** Results of a new method for the repair of inguinal hernia. *Am. J. Surg.*, 1932, n. ser., 17: 94-8. Also repr.—**Nordentoft, P.** [Results of inguinal herniotomies]. *Hospitaltidende*, 1932, 75: 731-7.—**Ogilvie, W. H.** Prognosis of inguinal hernia. *Lancet*, Lond., 1936, 2: 272.—**Osterland.** Die Ergebnisse der Leistenbruch-Radikaloperationen in Heereslazaretten von 1923 bis 1927. Veröff. Heer. San., 1930, H. 84, 89-126.—**Ramos, R. L., & Burton, C. C.** The results of the treatment of bilocular and direct inguinal hernias. *Surg. Gyn. Obst.*, 1940, 70: 953-7.—**Robertson, D. C.** Inguinal hernia; an analysis of 204 operations. *J. Florida M. Ass.*, 1940-41, 27: 140-3.—**Schär, W.** Spätergebnisse nach Radikaloperation des männlichen Leistenbruches. *Deut. Zschr. Chir.*, 1934, 243: 96-117.—**Schmidt, L.** Seltene Ursache der Irreponibilität eines Leistenbruches (Beitrag zur pathologischen Bedeutung der Plica ileocecalis inferior). *Zbl. Chir.*, 1929, 56: 394-7.—**Shelley, H. J.** Incomplete indirect inguinal hernias; a study of 2,462 hernias and 2,337 hernia repairs. *Arch. Surg.*, 1940, 41: 747-71. — Direct inguinal hernias; a study of 605 hernias and of 565 repairs. *Ibid.*, 857-72. — Complete indirect inguinal hernias; a study of 305 hernias and repairs. *South. Surgeon*, 1940, 9: 257-68.—**Stein, H. E.** Inguinal hernioplasty; a new modification; report of 107 cases. *Surgery*, 1939, 5: 398-404.—**Svazheninova, N. G., & Kuznetsov, I. B.** [Remote sequelae of operative treatments of inguinal hernias]. *Khirurgia*, Moskva, 1938, No. 11, 131-40.—**Turner, P., & Eckhoff, N.** Inguinal hernia; the results of treatment by simple excision of the sac. *Guy's Hosp. Rep.*, Lond., 1929, 79: 234-40.—**West, E. T., Gibson, L. K., & Cupp, H. B.** Operative treatment of inguinal hernia; report of 1,048 cases. *South. M. J.*, 1938, 31: 726-9.

— Hernia: Surgery: Suture.

Austin, R. C. Autologous fascia suture technique in the surgical treatment of inguinal and femoral hernia. *Indust. M.*, 1938, 7: 74. Also *Ohio M. J.*, 1939, 35: 17-20.—**Bisgard, J. D.** The use of living sutures of the external oblique aponeurosis in the repair of inguinal hernias in adults. *Surg. Gyn. Obst.*, 1939, 68: 113-7.—**Brindle, W. S.** The use of fascia lata sutures. *Brit. M. J.*, 1934, 2: 810.—**Cole, P. P.** On the use of silver filigree in inguinal hernia. *Lancet*, Lond., 1926, 1: 974.—**Gallie, W. E., & LeMesurier, A. B.** The late results of the living suture operation in ventral and inguinal hernia. *Canad. M. Ass. J.*, 1930, 23: 165-8.—**Hodgkins, E. M.** A new method of inguinal herniorrhaphy; with living fascial sutures obtained from the rectus sheath. *Surg. Gyn. Obst.*, 1928, 47: 831-5. — The use of fascial strips in the repair of recurrent inguinal hernia. *N. England J. M.*, 1930, 202: 797-802. — A new method of treating the indirect sac in inguinal herniorrhaphy. *Ibid.*, 1932, 206: 1249-52.—**Jolly, E.** Hernioplastia con el tendón de la fascia lata. *Cir. & ciruján, Méx.*, 1940, 8: 31-48.—**Koontz, A. R.** Muscle and fascia suture with relation to hernia repair. *Surg. Gyn. Obst.*, 1926, 42: 222-7.—**Krakovsky, N. I.** [Catgut sutures in inguinal hernia]. *Sovet. vrach. gaz.*, 1932, 245.—**Lavalle, M.** Tratamiento de la hernia inguinal por la sutura viva. *An. clín. Hosp. Juárez, Méx.*, 1931, 1: 241-4.—**Lyle, H. H.** Fascial sutures for inguinal hernia. *Ann. Surg.*, 1928, 88: 870-3.—**McCloskey, J. F., & Lehman, J. A.** Living fascial suture in the repair of large inguinal herniae. *Ibid.*, 1940, 111: 610-7.—**Miranda Matus, C.** Sutures vivas de aponeurosis empleadas en el tratamiento de la ernia inguinal. *Rev. cir. Hosp. Juárez, Méx.*, 1935, 7: 463-72. Also *Rev. mex. cir.*, 1936, 4: 859-73.—**Pickett, W. J.** Fascia sutures in the repair of inguinal hernia. *Illinois M. J.*, 1931, 59: 227-9.—**Sachs, L.** Autoplastic fascia sutures in repair of inguinal hernia. *Surg. Gyn. Obst.*, 1939, 69: 515-7.—**Wadhams, R. P., & Carabba, V.** Herniorrhaphy, using a living fascial flap. *Ann. Surg.*, 1935, 101: 1264-9.

— Hernia: Treatment.

JOLY, M. *Réflexions à propos des bandages herniaires et plus particulièrement bandage inguinal. 66p. 8°. Par., 1933.

RITZKE, J. *Ueber Spontanheilung von Inguinal-Hernien. 40p. 8°. Bresl., 1930.

Baggio, G. Per la cura dell'ernia inguinale. *Policlinico*, 1930, 37: sez. part., 1237-9.—**Bassini, E.** On the treatment of inguinal hernia. *Virginia M. Month.*, 1936-37, 63: 279-83.—**Bazán, C.** El vendaje de lana en el tratamiento de las hernias inguinales del lactante. *Rev. Hosp. niño*, Lima, 1939-40, 1: 23.—**Bécart & Tardieu.** Nouveau bandage herniaire pour hernie inguinale. *Bull. Soc. méd. Paris*, 1932, 357.—**Bumm, E.** Ein neuartiger Pelottenverband für Leistenbruchoperierte. *Chirurg*, 1932, 4: 771.—**Butler, G. L.** The treatment of inguinal hernia. *Med. Rec.*, Houston, 1938, 32: 703-10.—**Elson, J. C.** Specific exercises for the prevention of inguinal hernia and for post-operative treatment. *Arch. Phys. Ther.*, 1933, 14: 531-3.—**Frost, J. G.** Reducible inguinal hernia. *Indust. M.*, 1936, 5: 617-22.—**Harrenstein, R. J.** [Should inguinal hernia in infants and young children be treated with trusses?] *Meschr. kinder-geneesk.*, 1932-33, 2: 253-67, 2 pl.—**Harris, F. L., & White, A. S.**

The truss in relationship to diagnosis and injection treatment of inguinal hernia. *Am. J. Surg.*, 1937, 36: 443-61.—**Hessing, G.** Bruchband für schwer zurückhaltbare Leistenbrüche. *Münch. med. Wschr.*, 1937, 84: 297.—**Hohmann, G.** Eine neue Form des Leistenbruchbandes. *Med. Welt*, 1936, 10: 1855.—**Lameris, H. J.** [Treatment of inguinal hernia] *Ned. tschr. geneesk.*, 1936, 80: 883-8.—**Leyfer, L. J.** Zur Frage der spontanen Heilung des Leistenbruchs. *Zbl. Chir.*, 1926, 53: 2073-6.—**Marshall, C. J.** The modern treatment of inguinal hernia. *Med. Press & Circ.*, Lond., 1938, 197: 349-53.—**Meyer-Grell, H.** Heilgymnastik bei Leistenbrüchen. *Naturärztl. Rdsch.*, 1938, 10: 38-43.—**Narasimhan, N. S.** Treatment of uncomplicated inguinal hernia. *Madras M. J.*, 1937, 17: 217-30.—**Nath, C.** A clay truss for inguinal hernia. *Ind. M. Gaz.*, 1939, 74: 749.—**Ramsay, R. A.** The treatment of inguinal hernia in male infants. *Postgrad. M. J.*, Lond., 1933, 9: 405-9.—**Ray, H. A.** Some observations on the treatment of inguinal hernia. *Internat. J. M. & S.*, 1934, 47: 131-3.—**Roe, H. L.** Truss for inguinal hernia. *U. S. Patent Off.*, 1939, No. 2,146,444.—**Searby, H.** The treatment of indirect inguinal hernia. *Austral. N. Zealand J. Surg.*, 1935-36, 5: 366-70.—**Smith, F. J. C.** Treatment of inguinal hernia. *Indust. M.*, 1940, 9: 18-23.

— Hernia: Treatment: Injection.

Alcalá Santaella, R. Algunas consideraciones sobre la topografía de los linfáticos de la ingle y su técnica de inyección. *Med. ibera*, 1927, 21: 501-3.—**Biegeleisen, H. L.** & **Tartakow, I. J.** Technique of the injection treatment for inguinal hernia. *Surgery*, 1939, 5: 202-16.—**Dvorak, H. J.** To the question of the injection treatment of indirect inguinal hernias. *Cas. lék. česk.*, 1937, 76: 1086.—**Girard, F. R.** Treatment of hernia by the injection method. *Southwest M.*, 1936, 20: 209-16. Also *Rev. cir. Hosp. Juárez, Méx.*, 1937, 8: 629-44.—**Gray, G. B. D.** Injection treatment of inguinal hernia. *Brit. M. J.*, 1932, 2: 12-4. Also *Med. Press & Circ.*, Lond., 1934, 189: 286-9.—**Two cases of inguinal hernia (scrotal) cured by the injection method.** *Proc. R. Soc. M.*, Lond., 1933, 26: Sect. Clin., 1357.—**Harris, F. L.** & **White, A. S.** The injection treatment of reducible inguinal hernia in children. *Arch. Pediat.*, N. Y., 1937, 54: 665-73.—**McKinney, F. S.** An evaluation of the results of the injection treatment of inguinal hernia. *Ann. Surg.*, 1937, 105: 338-43.—**Patterson, D. C.** The injection treatment of hernia. *Yale J. Biol.*, 1936-37, 9: 159-66.—**Porritt, A. E.** Injection treatment of inguinal hernia. *Lancet*, Lond., 1937, 2: 835-7.—**Rice, C. O.** The injection treatment of hernia. *Minnesota M.*, 1934, 17: 248-52.—**Ross, D. E.** Difficulties and dangers of injection treatment of hernia. *Am. J. Surg.*, 1936, 34: 300-5.—**Sowles, H. K.** & **Shedden, W. M.** End results in the injection treatment of inguinal hernia. *N. England J. M.*, 1940, 222: 753.—**Sugar, E. L.** Injection treatment of inguinal hernia. *West. J. Surg.*, 1937, 45: 480-5.—**Ulland, G.** [Injection therapy in inguinal hernia] *Nord. med.*, 1939, 1: 867-70.—**Whittaker, L. D.** Paraffinoma following injection for hernia with ulceration into bladder: report of case. *Proc. Mayo Clin.*, 1936, 11: 22-5.—**Winters, R. A.** & **Moorhead, A. C.** A complete discussion of the injection treatment of inguinal hernias. *Med. Rec.*, N. Y., 1937, 146: 511-5.—**Wolfe, R.** The injection treatment of inguinal hernia. *Med. J. & Rec.*, 1931, 133: 243-6. Also repr.

— Hernia—in animals.

BESSE, J. *Contribution à l'étude des hernies inguinales des animaux domestiques et spécialement du porc [Berne] 52p. 8°. Lyon, 1910.

KRESS, E. *Der Leistenbruch männlicher Schweine und seine operative Behandlung. 16p. 8°. Giessen [1933]

MONVOISIN, L. *De la pathogénie de la hernie inguinale étranglée chez le cheval [Alfort] 32p. 8°. Par., 1929.

PECCAVY, A. *De la hernie inguinale aiguë chez le cheval entier; ses différents moyens de traitement; étude spéciale du taxis [Alfort] 52p. 8°. Par., 1931.

ROHLAND [E.] H. *Untersuchungen am Processus vaginalis und Ductus deferens bei Wallachen unter besonderer Berücksichtigung der Massverhältnisse. 27p. 8°. Lpz., 1934.

THEUREAU, J. L. *De la hernie inguinale droite chez le cheval adulte. [Alfort] 47p. 8°. Par., 1933.

Amiot, R. Hernie inguinale étranglée bilatérale chez un cheval; opération; guérison. *Rec. méd. vét.*, 1930, 106: 647.—**Bogdaschew, N.** Ueber den Leistenbruch bei den Karnivorenweibchen (Hündinnen) *Berl. tierärztl. Wschr.*, 1933, 49: 357-9.—**Bouillard, H.** Hernie inguinale chez un cheval hongre. *J. méd. vét.*, Lyon, 1847, 3: 317-9.—**Cocu.** Influence de l'eau froide ingérée rapidement ou en excès sur la production et le pronostic des hernies inguinales aiguës. *Bull. Acad. vét. France*, 1936, 9: 435-7.—**Gardner, W. U.** Sexual dimorphism of the pelvis of the mouse, the effect of estrogenic hormones upon the

pelvis and upon the development of scrotal hernias. *Am. J. Anat.*, 1936, 59: 459-78, 2 pl.—**Haasjes, C. H.** Surgical intervention in inguinal hernia in the bitch. *J. Am. Vet. M. Ass.*, 1939, 95: 765.—**Hudson, R.** Inguinal or scrotal hernia. *Vet. J.*, Lond., 1937, 93: 143; 144.—**Jacob.** Sur le bandage étarié pour la guérison des hernies inguinales chez le cheval. *J. méd. vét.*, Lyon, 1865, 21: 295-9.—**Kadletz, M.** Hernia praeformata extravaginalis (interstitialis) inguinalis bei einem Wallach. *Deut. tierärztl. Wschr.*, 1929, 37: 405-8.—**Kochan, W. F.** Strangulated inguinal hernia in the foal. *Vet. Rec.*, Lond., 1939, 51: 1315.—**Kregenow.** Ein eingeklemmter Leistenbruch beim Hengst. *Berl. tierärztl. Wschr.*, 1933, 49: 585.—**Laugier.** Hernie inguinale aiguë récidivante chez le cheval. *Rec. méd. vét.*, 1929, 105: 396-400.—**McIntosh, R. A.** Operative conditions in pigs. *Canad. J. Comp. M.*, 1939, 3: 239-41.—**Male, G. P.** Scrotal hernia in a foal. *Vet. Rec.*, Lond., 1940, 52: 63.—**Mörkeberg, A. W.** Behandlung des intravaginalen Leistenbruchs (Hernia inguinalis) *Deut. tierärztl. Wschr.*, 1929, 37: 353-8.—**Mohri, R. W.** Inguinal hernia. *Vet. Bull.*, Wash., 1936, 30: No. 4, 283-6.—**Morey, A.** Cure radicale de la hernie inguinale chez le poulain. *Bull. Soc. sc. vét. Lyon*, 1899, 2: 303-6.—**Renaud.** Observation sur un cas de hernie étranglée; opération; guérison. *Ibid.*, 1902, 5: 31-5.—**Rewbridge, A. G.** & **Halpert, B.** Left oblique inguinal hernia in a male dog. *Anat. Rec.*, 1930, 47: 39-42.—**Schmidt, T.** Hernia inguinalis (scrotalis) incarcerata. *Wien. tierärztl. Mschr.*, 1929, 16: 466-70.—**Shuttleworth, A. C.** Operation for the relief of scrotal hernia in the dog. *Vet. J.*, Lond., 1931, 87: 326-31.—**Strébel.** Hernie scrotale volumineuse chez un poulain de 7 mois; opération radicale; succès complet. *J. méd. vét.*, Lyon, 1868, 24: 166-70.—**Sur le traitement de la hernie inguinale étranglée.** *Bull. Soc. centr. méd. vét.*, Par., 1902, 56: 211-3.—**Ueberreiter, O.** Hernie inguinalis (scrotalis) incarcerata beim Pferde. *Wien. tierärztl. Mschr.*, 1930, 17: 173; 220. Also *Berl. tierärztl. Wschr.*, 1937, 53: 225-9.—**Weischer, F.** Ueber die Operations-technik der Darm-Leistenbrüche des Pferdes unter besonderer Berücksichtigung eines bewährten Abbindeverfahrens und der Spaltung des Scheidenhalthalses. *Ibid.*, 1939, 55: 117-20.—**Wilkinson, D. E.** Abdominal rupture and bi-lateral scrotal hernia in the dog. *Vet. Rec.*, Lond., 1934, 14: 68.

— Hernia—in children.

See also subheading Hernia, congenital.

Barros Lima. Dois casos de hernia inguinal de sacco infantil. *Brasil med.*, 1927, 41: 1069-71.—**Bokastova, O. S.** [Inguinal hernias in children] *Khirurgia*, Moskva, 1937, No. 6, 55-67.—**Coe, H. E.** Indirect inguinal hernia in children. *West. J. Surg.*, 1932, 40: 248-51.—**Doughty, R. G.** Inguinal hernia in infants. *South. M. J.*, 1928, 21: 1007.—**Hellner.** Zur Differentialdiagnose der akut auftretenden Anschwellungen im Bereich des äusseren Leistenringes und des Skrotums bei Kindern. *Deut. med. Wschr.*, 1928, 54: 1156-8.—**Hunter, R. H.** Inguinal hernia in infancy. *Ulster M. J.*, 1933, 2: 319-22.—**Milano, M.** Hernias inguinales. *Pediat. españ.*, 1926, 15: 285-93.—**Montgomery, J. G.** Indirect inguinal hernia in children; some observations in 100 indirect inguinal hernias in children under 15 years of age. *Month. Bull. Kansas City Clin. Soc.*, 1925-26, 2: No. 2, 5-9.—**Nevsky, A. K.** [Rare cases of hernia in children] *Vest. khir.*, 1931, 22: 289-92.—**Panushkin, V. S.** [Interstitial inguinal hernia in children] *Ibid.*, 1937, 53: 169-71.

— Hernia—in women.

See also subheading Hernia: Content: Genitourinary organs.

Bruens, E. Ueber den Geburtsverlauf bei einer Hernia inguinalis magna. *Münch. med. Wschr.*, 1938, 85: 364.—**Costantini, P.** Contributo alla patogenesi dell'ernia inguinale diretta nella donna. *Clin. chir.*, Milano, 1925, 28: 321-8, pl.—**Knopp, J.** Ein Fall von Hernia ing. encystica bei einer Frau. *Zbl. Chir.*, 1927, 54: 786.—**Majocchi, A.** & **Bravetta, G.** Un caso di ernia inguinale concomitante a un mioma del legamento rotondo. *Osp. maggiore, Milano*, 1936, 24: 361-4.—**Martin, W. F.** Inguinal hernia in women. *South. M. & S.*, 1939, 101: 4-6.—**Noetzel, W.** Ueber die weiblichen Leistenhernien. *Arch. klin. Chir.*, 1929, 157: 623-30.—**Piñeiro Sorondo.** Hernia inguinal gigante en una mujer. *Prensa méd. argent.*, 1928, 15: 561.—**Roldán, A.** Voluminosa hernia inguinal derecha en una mujer. *An. Fac. med.*, Montev., 1929, 14: 317, pl.—**Spitzer, W.** Ueber eingeklemmte weibliche Leistenhernien mit abnormem Inhalt. *Zbl. Gyn.*, 1931, 55: 2114-7.

— Inguinal canal.

See also Abdomen; Peritoneum; Scrotum.

Anson, B. J. & **Ashley, F. L.** The anatomy of the region of inguinal hernia; the parietal coverings of the round ligament of the uterus. *Q. Bull. Northwest. Univ. M. School*, 1941, 15: 32-8.—**Anson, B. J.** & **McVay, C. B.** Inguinal hernia; the anatomy of the region. *Surg. Gyn. Obst.*, 1938, 66: 186-91.—**Figuerola Meinhardt, S.** Anatomía, fisiología y hernias de la región inguinal. *Rev. cir. Hosp. Juárez, Méx.*, 1937, 8: 601-27.—**Fusari, A.** Sulle formazioni di rinforzo della parete posteriore del tragito inguinale. *Arch. ital. chir.*, 1925, 14: 671-700.—**Martino, L.** Sulla parete posteriore del canale inguinale. *Ricer. morf.*, 1935-36, 15: 209-31.—**Ridogna, G.**

Ricerche morfologiche e morfogenetiche sulle fibre arciformi dell'orificio sottocutaneo del canale inguinale umano. *Ibid.*, 1925, 5: 139-50.

— Inguinal canal: Abnormality, disease, and tumor.

Brockman, D. C. Dermoid cyst of the inguinal canal in man. *Tr. West. Surg. Ass.*, 1917, 27: 303-5.—**Cardia, A.** Cisti epidermoide del canale inguinale. *Rass. med. sarda*, 1939, 41: 285-91.—**Cisneros, R.** Quiste dermoide del canal inguinal. *Bol. Soc. cir. B. Aires*, 1930, 14: 774-92. Also *Bol. Inst. clín. quir.*, B. Air., 1930-31, 6: 143-58.—**MacKehnie, H. N.** Tumors in the inguinal canal (extraperitoneal). *Internat. J. M. & S.*, 1935, 48: 72-6.—**Pestalozza, E.** Cisti dermoide del canale inguinale. *Atti Soc. ital. ostet.*, 1907, 13: 141-6.—**Petty, M. J.** Multiple abnormalities in the inguinal canal and tunica vaginalis. *Brit. M. J.*, 1924, 2: 765.—**Spirito, F.** Anomalia non comune del canale inguinale. *Med. prat.*, Nap., 1918, 3: 258-61.

— Inguinal ring.

Benmosche, M. Reconstruction of internal ring with attached flaps of aponeurotic fascia in indirect inguinal hernia; preliminary note. *Am. J. Surg.*, 1938, 40: 618-21.—**Connell, F. G.** Repair of internal ring in oblique inguinal hernia. *J. Lancet*, 1927, 47: 375-8. Also repr. *Also Surg. Gyn. Obst.*, 1928, 46: 113-8.—**Favaro, G.** Intorno all'anulus scrotalis del Dornrich ed al terzo anello inguinale del McGregor (anulus inguinalis scrotalis). *Boll. Soc. med. chir. Modena*, 1934, 34: 151-3.—**Gutiérrez, A.** ¿Es real la existencia del orificio inguinal interno? *Rev. cir. B. Air.*, 1927, 6: No. 12, 739-47.—**Kukudzhanov, N. I.** Indices for operation in dilatation of inguinal canal and rings. *Vest. khir.*, 1936, 44: 46-8.—**Larson, L. M., & Rice, C. O.** The injection treatment of large external inguinal rings without hernia. *J. Lancet*, 1936, 56: 622.—**McGregor, A. L.** The third inguinal ring. *Surg. Gyn. Obst.*, 1929, 49: 273-307. — The demonstration of a true internal inguinal sphincter and its etiologic role in hernia. *Ibid.*, 510-5.

— Lymph nodes.

ABDEL LATIF SALEM. *Ueber Behandlung der Bubonen. 16p. 8°. Berl.-Charlottenb., 1931.

Dawson, A. B., & Masur, J. Variations in the histological structure of the inguinal lymph nodes of the albino rat. *Anat. Rec.*, 1929, 44: 143-63.—**Rouvière, H.** Les ganglions inguinaux profonds. *Ann. anat. path.*, Par., 1934, 11: 936-41.—**Taguchi.** Anatomy of the inguinal and subinguinal lymph glands. *Hifujug. kin hiniokilujug. zasshi*, 1903, 3: 342-4.

— Lymph nodes: Diseases.

See also proper names of diseases as **Elephantiasis; Filariasis; Granuloma; Lymphogranulomatosis inguinalis; Tuberculosis**, &c.

CHEVALLIER, P., & BERNARD, J. Les adénopathies inguinales. 271p. 12°. Par., 1932.

Also *Rev. méd.*, Par., 47: 490; 697; 1931, 48: 62.

LAPORTE-DU BOUCHET, M. *Contribution à l'étude du traitement des bubons inguinaux suppurrés par l'électrocoagulation; le drain diathermo-coagulant. 53p. 8°. Par., 1931.

PITOIS, P. *Contribution à l'étude du bubon strumeux de l'aîne. 62p. 8°. Par., 1926.

Alvarez Cascos, M. Síndromes ganglionares inguinales desde e punto de vista de la patología sexual. Siglo méd. 1928, 82: 655-99.—**Angulo y Álvarez, I.** El mercurio en las adenitis inguinales. *Rev. méd. cubana*, 1926, 37: 725-8.—**Aubin & Nadessin.** Traitement des lymphangites et des éléphantiasis par les injections de lipovaccin anti-streptococcique. *Rev. méd. hyg. trop.*, Par., 1931, 23: 91-9.—**Berg, B. N.** Filarial lymphatic varices in the groin resembling hernias. *Surg. Clin. N. America*, 1931, 11: 549-52.—**Burmeister, E. A.** Eigenblutunterspritzung bei Bubo inguinalis. *Med. Klin. Berl.*, 1928, 24: 2011.—**Camacho, A. G.** La autohemoterapia en las adenitis inguinales. *Repert. med. cir.*, Bogotá, 1926-27, 18: 299.—**Chislett, H. R.** Enlarged inguinal glands; excision; recovery. *Clinique, Chic.*, 1902, 23: 261-3.—**Curth, W.** Ueber Röntgenbestrahlung von Bubonen. *Med. Klin. Berl.*, 1926, 22: 1646.—**Feldmann, V., & Goutine, J.** Etiologie des bubons strumeux. *Acta derm. vener.*, Stockh., 1934, 15: 398-421.—**Franchi, F.** Sulla reazione allergica del pus di adenite venerica. *Dermosifilografia*, 1931, 6: 333-44.—**François-Dainville.** Adénite para-inguinale; ganglion prépubien et en arrière du cordon spermatique. *Bull. Soc. anat. Paris*, 1904, 79: 138-40.—**Frommolt.** Lymphdrüsentumoren in der Leistenbeuge. *Zschr. Geburtsh. Gyn.*, 1932, 102: 210 [Discussion] 215-21.—**Goldstein, H. H.** The bubo. *Am. J. Surg.*, 1930, n. ser., 8: 347-9. Also repr.—**Gregorio y García-Serrano, E. de.** La alergia cutánea en las adenopatías inguinales de origen venéreo. *Arch. med.*, Madr., 1931, 34: 675-8.—**Hellerström, S.** Strumöse Bubonen verschiedener

Aetiologie. *Acta derm. vener.*, Stockh., 1931, 12: 254-76.—**Jack, W. A., jr.** The radical treatment of inguinal adenitis. *Washington M. Ann.*, 1907-8, 6: 162-6.—**Jonquieres, E. J.** Linfangiectasia cicatrizal de organos genitales. *Rev. As. méd. argent.*, 1937, 50: 193-6.—**Klass, A. A.** Acute inguinal adenitis simulating strangulated femoral hernia. *Lancet, Lond.*, 1935, 1: 1501.—**Klopper, E.** Welche Vorteile bietet die Röntgenbehandlung der venerischen Bubonen? *Röntgenpraxis*, 1930, 2: 93-6.—**Kromayer, E., jr.** Die Behandlung eitrigter Bubonen mit Milchinjektionen. *Klin. Wschr.*, 1929, 8: 2378.—**Lotheissen, G.** Welche Erkrankungen kommen in Frage bei Vergrößerung der Leistendrüsen? *Arztl. Prax.*, Wien, 1935, 9: 150. Also *Wien. klin. Wschr.*, 1935, 48: 404.—**McDonnold, P. E.** Another view of the radical operation for inguinal adenitis from a navy standpoint. *J. Ass. Mil. Surg. U. S.*, 1904, 14: 316.—**Marion, G., & Gandy, C.** L'adénite subaiguë de l'aîne à foyers purulents intra-ganglionnaires prétendue simple. *Arch. gén. méd.*, Par., 1901, n. ser., 129: 72, 2 pl.—**Mercadé, S.** Adénites sus- et préinguinales. *Gaz. hôp.*, 1907, 80: 27-9.—**Milian, G.** Adénopathie inguinale avec petit ulcère d'apparence adénogène rapidement guérie par le cyanure; syphilis antérieure. *Rev. fr. derm. vénér.*, 1938, 14: 17-20.—**Nicolas, J., Rousset, J., & Thommaset, A.** Adénopathie inguinale d'étiologie probablement gonococcique. *Bull. Soc. fr. derm. syph.*, 1937, 44: 543.—**Pétréguin, P. S.** Signes et diagnostic des adénopathies inguinales. *Strasbourg méd.*, 1931, 91: 174-80.—**Radaody-Ralarosy, P., & Guidoni, P.** Un cas d'abcès filarien à localisation inguinale chez un Antanoro. *Bull. Soc. path. exot.*, Par., 1940, 33: 292-5.—**Ramond, L.** Diagnostic étiologique d'adénites inguinales. *Presse méd.*, 1936, 44: 1475.—**Raspail, F. V.** Guérison de cas désespérés d'infections inguinales par suite des traitements mercuriels. *Rev. compl. sc. appl. méd.*, Par., 1859-60, 6: 129-32.—**Roberti, J.** Diagnostic étiologique des adénopathies inguinales. *Rev. méd. fr.*, 1926, 7: 257-60.—**Senn, N.** Suppurative inguinal lymphadenitis. *Internat. Clin.*, 1903, 13. ser., 1: 127.—**Silberg, J. F., & Belakhov, I. L.** [Treatment of inflammatory buboes by Roentgen rays]. *Ned. tschr. geneesk.*, 1933, 77: 294-303.—**Smits, E.** [Treatment of buboes]. *Geneesk. tschr. Ned. Indië*, 1929, 69: 165.—**Tarantino, C.** Linfadenite inguinale cronica aspecifica. *Diagnosi*, 1934, 14: 401-13.—**Valcaneras, J.** Tratamiento de los abscesos calientes por el agua peptonada. *Arch. med.*, Madr., 1935, 38: 531.—**Viganò, E.** Cura dell'adenite venerica. *Corriere san.*, Milano, 1907, 18: 500-2.—**Willners, G.** Some cases of after-examination of patients with so-called strumous bubo. *Acta med. scand.*, 1929, 71: 64-6.—**Yu, T. P.** La valeur du vaccin antistrepto-bacillaire dans le diagnostic et le traitement des bubons inguinaux d'étiologie diverse. *Rev. fr. derm. vénér.*, 1935, 11: 338-45.

— Lymph nodes: Tumors.

THIBAUT, P. *Le bubon cancéreux de l'aîne. 64p. 25cm. Lyon, 1938.

Chevallier, P., & Bernard, J. Les adénopathies inguinales malignes. *Rev. méd.*, Par., 1931, 48: 657-75.—**Colly, W. B.** Sarcoma of the inguinal glands, simulating Hodgkin's disease. *Ann. Surg.*, 1907, 45: 148-50.—**Duany, N. P., & Rivero, E.** Endothelioma of the lymph nodes of the inguinal region. *Am. J. Cancer*, 1932, 16: 665-6.—**Ducuing, P.** Sur l'extirpation des adénopathies cancéreuses de la région de l'aîne. *Rev. chir.*, Par., 1934, 72: 157-86.—**Favre, M.** Le bubon cancéreux de l'aîne. *J. méd.*, Lyon, 1935, 16: 325-7.—**Fruchaud, F.** Extirpation des adénopathies cancéreuses de la région inguinale. *J. chir.*, Par., 1932, 39: 667-77.—**Gianotti, M.** Evoluzione maligna di un linfadenoma tipico. *Cancro. Tor.*, 1934, 5: 53-6, pl.—**Lacassagne, J., & Rousset, J.** Tumeur mélanique secondaire des ganglions inguinaux. *Bull. Soc. fr. derm. syph.*, 1929, 36: 298-300.—**McGraw, A. B.** Lymphosarcoma; primary in the inguinal glands. *Am. J. Surg.*, 1928, n. ser., 4: 218-20.—**Meulen, S. G. van der** [Malignant lymphatic tumors in the groin]. *Geneesk. tschr. Ned. Indië*, 1935, 75: 1240.—**Santoro, A.** Radioterapia in un caso di sarcoma delle ghiandole inguinali di destra, con metastasi ossee e polmonari. *Policlinico*, 1932, 39: sez. prat., 291-4.—**Sézary, Horowitz & Lévy-Coblentz.** Erythroplaxie avec épithélioma ganglionnaire. *Bull. Soc. fr. derm. syph.*, 1932, 39: 514-6.—**Soli, U.** Peritelioma di una glandula linfatica inguinale con intensa linforea. *Cult. med. mod.*, Pal., 1928, 7: 1-8.

— Surgery.

Berg. Des conséquences de l'extirpation totale des ganglions inguinaux. *P. verb. Ass. fr. urol.* (1904) 1905, 8: 498-501.—**Butler, E.** Dressings of inguinal operative wounds in infants. *California West. M.*, 1933, 38: 437.—**Domanig, E.** Zur Technik der radikalen Ausräumung der inguinalen Lymphdrüsen. *Zbl. Chir.*, 1933, 60: 686-8.—**Matti, H.** Ueber Indikation, Zeitpunkt und Technik der Leistenbodenoperation. *Schweiz. med. Wschr.*, 1934, 64: 648-50.

— Tumors.

SPIER, I. *Ein seltener Fall von Lipom in der Leistengegend. 15p. 8°. Köln, 1936.

Ahumada, J. C., Sammartino, R., & Arrighi, L. A. Endometrosis inguinal y del ligamento redondo. *Bol. Soc. obst.*

gin, R. Aires, 1940, 19: 474-88.—Baumecker, H. Ganglion am Hüftgelenk nebst einigen Bemerkungen über Pseudotumoren in der Leistenbeuge. *Beitr. klin. Chir.*, 1930, 150: 490-5.—Belot, J., & Nahan, L. Ostéo-sarcome des parties molles. *Presse méd.*, 1936, 44: 319.—Brown, P. W. Metastatic melano-epithelioma of the groin: report of a case. *Proc. Mayo Clin.*, 1933, 8: 371.—Buzzelle, L. K., & Tudor, R. B. Recurrent myxosarcoma of the right inguinal region; report of case. *Minnesota M.*, 1940, 23: 230.—Capecechi, E. Teratoma mammario in sede inguino-pubica. *Arch. ital. chir.*, 1930-31, 26: 485-96.—Cohn, I. Masses in the groin. *Internat. Clin.*, 1935, 45, ser., 2: 229-56, 6 pl.—Colillas, D., & Masciottra, R. L. Coniuntivoma de la región inguino-crural. *Rev. méd. quir. pat. fem.*, B. Air., 1939, 13: 473-85.—Collins, A. N., & Berdez, G. L. Ossifying hemangio-endothelioma. *Minnesota M.*, 1935, 18: 157.—Costantini, A. Sopra un caso di neuroma plessiforme a decorso maligno. *Clinica, Bologna*, 1938, 4: 206-12.—Glasunow, M. Zur Kasuistik der Leistengegendgeschwülste. *Frankf. Zschr. Path.*, 1928, 36: 380-92.—Hilgenfeldt, O. Beitrag zur Genese der Leistenendometriome. *Klin. Wschr.*, 1934, 13: 478-81.—Horsley, J. S. Some unusual new growths in the region of the inguinal and the femoral canals. *Ann. Surg.*, 1925, 81: 335-42.—Jaffé, R. H. Recurrent lipomatous tumors of the groin; liposarcoma and lipoma pseudomyomatodes. *Arch. Path.*, *Chic.*, 1926, 1: 381-7, 2 pl.—Michans, J. Diagnóstico de un tumor de la región inguinal. *Dña méd.*, B. Air., 1940, 12: 809-11.—Neel, H. B. Adenomyoma of the inguinal region: report of 3 cases. *Surgery*, 1937, 2: 769-79.—Neuffer, H. Zur Differentialdiagnose tumorartiger Veränderungen in der Leistengegend. *Zbl. Chir.*, 1931, 58: 221-3.—Papin, F. Volumineux schwannome inguinal à évolution d'apparence maligne. *Mém. Acad. chir. Par.*, 1939, 65: 79-82.—Perrignon de Troyes, Du Bourguet & Paponnet. Tumeur bénigne congénitale d'origine strictement conjonctive développée au niveau de la région inguino-crurale. *Ann. anat. path.*, Par., 1938, 15: 201-6.—Reeb. Un cas particulier de dysménorrhée chez une jeune fille de 15 ans (adéno-fibrome de la région inguinale). *Bull. Soc. obst. gyn. Paris*, 1937, 26: 244-6.—Salvi, M., & Fontana, A. Gran quiste scular. *Scm. méd.*, B. Air., 1936, 43: pt 2, 814-7.—Simard, L. C., & Tremblay, J. Tuméfaction inguinale de cause éloignée. *Union méd. Canada*, 1936, 65: 131-4.—Vaks, S. A. [Dermoid cyst of the inguinal region, simulating hernia] *Vest. khir.*, 1938, 55: 325-7.

— in animals.

Bile, S. Mancanza completa della fascia trasversalis di Cooper; parete posteriore del canale inguinale formata da una lamina fibrosa alla dipendenza del tendine del M. trasverso; sviluppatissime fossette inguinali. *Monit. zool. ital.*, 1925, 36: 143-60.—Friedel, H. Ueber das Inguinalorgan bei Anurenarten. *Zschr. ges. Anat.*, 1. Abt., 1933-34, 102: 175-93.—Grimal. Observations relatives à la pathologie de la région inguinale du cheval. *Rev. vét.*, Toulouse, 1920, 72: 661.—Krölling, O. Ueber Bau, biologische und physiogenetische Bedeutung der Inguinalorgane bei den Gazellen. *Zschr. ges. Anat.*, 1. Abt., 1929-30, 91: 553-79.—La Rocca, C. Sulla esistenza della parete superiore del canale inguinale. *Monit. zool. ital.*, 1924, 35: 168-73.—Seiferle, E. Ueber die Leistengegend der Haussäugetiere. *Schweiz. Arch. Tierh.*, 1933, 75: 281-301.—Zimmermann, G. [Topography of the inguinal canal] *Allatorv. lap.*, 1934, 57: 217-9.

GROISMAN, Janchel. *A propos d'un cas d'hémorragie traumatique dans un pneumothorax artificiel en voie de relachement; contribution à l'étude des épanchements hémorragiques de la collapsothérapie. 22p. 8°. Lausanne, C. Risold & fils, 1936.

GROLLEMUND, Jacques, 1912—*Contribution à l'étude du complexe syndrome d'Heerfordt; maladie de Besnier-Boeck et Schaumann. 89p. 25½cm. Lyon, M. & L. Riou, 1939.

GROLLET, Louis, 1899—*Les oliguries-anuries après prostatectomie. 106p. 8°. Par., Presses Univ. France, 1930.

GROLLMAN, Arthur, 1901—The cardiac output of man in health and disease. xiv, 325p. illust. diags. 8°. Springf., Ill., C. C. Thomas, 1932.

— The adrenals. xii, 410p. pl. diags. 8°. Balt., Williams & Wilkins Co., 1936.

For portrait, photograph see collection in library.

GROMELSKI, Erich, 1908—*Schmerzlose Entbindung mit Evipan-Natrium. 23p. 8°. Königsb.-Pr., J. Raabe, 1936.

GROMEZ, Albert, 1903—*Bases biologiques de l'eugénique. 49p. 8°. Par., Jouve & cie, 1934.

GROMMES, Karl [Heinrich Josef] 1907—*Die Röntgenkontrastmittel vom pharmakologisch-toxikologischen Standpunkt aus. 25p. 21cm. Köln, Dietrich & Co., 1936.

GRONAU, Erik, 1907—*Ueber Chinin-Idiosynkrasie [Rostock] 21p. 21cm. Wismar, Eberhardt, 1937.

GRONAU, Kurt, 1902—*Ueber die Wirkung von Bromacetat, Fluorid und Oxalat auf die Kohlenhydratspaltung durch verschiedene Hefen [Münster-Westf.] 16p. 21cm. Werne a. d. Lippe, F. Grube, 1935.

GRONAU, Walter, 1903—*Sechs Fälle von Enecephalitis (Economo) 23p. 8°. Königsb., J. Raabe, 1926.

GROND, Kurt [Leonhard] 1899—*Anomalien in der Bildung der Wurzeln und die daraus resultierenden Schwierigkeiten bei der Entfernung der Zähne. 63p. 2 pl. 8°. Bresl. [n. pub.] 1925.

GRONEBERG, Heinrich, 1907—*Versuche über den Stoffwechsel des lymphatischen Gewebes. 21p. 8°. Rostock, C. Hinstorff, 1934.

GRONEMANN, Elisabeth [née Rittershaus] 1892—*Versuch einer Beeinflussung der tuberkulösen Gewebsreaktion in der Meer-schweinehenlung durch Atropin [Heidelberg] 31p. 8°. Würzb., R. Mayr, 1938.

GRONEMANN, Ilse. *Ueber die Halsrippen [Berlin] 31p. 8°. Alfeld, F. Stegen, 1927.

GRONEMEYER, Hans, 1912—*Kritische Beurteilung der in der Zahnheilkunde gebräuchlichen Matrizen bei der Herstellung von Approximalfüllungen aus plastischem Material. 19p. 22½cm. Marb., H. Bauer, 1937.

GRONEWOLD, Gretchen, 1906—*Ueber die Geburt alter Erstgebärender. 28p. 8°. Kiel [n. pub.] 1932.

GRONICH, Joseph Moses, 1902—*De l'hygiène physique et psychique de l'enfant dans les jardins d'enfants, l'école maternelle et la Casa dei Bambini. 83p. 2 pl. 8°. Par., Libr. M. Lac, 1930.

GRONIER, Maurice, 1911—*Etude anthropologique et physiopathologique des populations des territoires du sud d'Algérie. 55p. 24cm. Par., Le François, 1940.

GRONOVER, A. Ausmittlung der Gifte. p.1273-437. roy. 8°. Berl., 1935.

In Handb. Lebensmittelchem. (Bömer, A.) 1935, Bd 2, Teil 2.

— & STROHECKER, R. Milch. p.37-211.

25½cm. Berl., J. Springer, 1936.

In Handb. Lebensmittelchem. (A. Bömer [et al.]) Bd 3.

GRONSTEIN-LEVIN, Oscar Zacaria, 1911—*Thrombo-phlébites pelviennes post-abortum. 59p. 25½cm. Par., E. Le François, 1939.

GRONWALD, Gerhard, 1900—*Beitrag zur Kenntnis der subakuten gelben Leberatrophie. 42p. 8°. Königsb. Pr., J. Raabe, 1925.

GRONWALD, Karl Heinz, 1909—*Die Verbreitung der Infektionskrankheiten im Regierungsbezirk Königsberg (Pr.) in den Jahren 1924 bis 1933. 65p. 8°. Königsb. Pr., J. Raabe, 1936.

GROOS, Karl, 1861—For Festschrift see *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1932, 124:

GROOT, Jan de, 1855—[Biography] *Geneesk. gids*, 1935, 13: 792, portr.

GROOVER, Thomas Allen, 1877-1940. Christie, A. C. Obituary. *Am. J. Roentg.*, 1940, 43: 935-7, portr. Also *Radiology*, 1940, 34: 752.—Obituary. *Med. Ann. District of Columbia*, 1940, 9: 185.

GROPP, Alfred, 1906—*Versuche über die abführende und anthelminthische Wirkung des

Lentin bei Kleintieren. 43p. 8° Lpz., A. Edelmann, 1934.

GROPPER, Georges, 1911— *Contribution à l'étude de certaines conjonctivites. 64p. 24cm. Par., M. Vigné, 1938.

GROPPNER, Max C. New and natural method of hygienic treatment for the permanent cure of all diseases of women to which is added a valuable treatise on self cure [&c.] 135p. 12° Berl., 1891.

GROS, Alexander [Peter Eduard] 1901— *Ueber die Empfindlichkeit vitaminarm ernährter Tiere gegen Arsenverbindungen [Würzburg] p.360-9. 8° Berl., J. Springer, 1927.
Also Biochem. Zschr., 1927, 184:

GROS, André Jean, 1909— *La pendaison accidentelle. 81p. 8° Par., Impr. Labor, 1935.

GROS, Axel, 1910— *Die Prognose der Adenocarcinome des Corpus uteri [Heidelberg] 18p. 21. tab. 8° Würzb., R. Mayr, 1938.

GROS, Bernard Joseph Louis Marie, 1905— *L'éblouissement rétinien. 67p. 8° Par., M. Vigné, 1932.

GROS, Erich, 1901— *Antisepsis und Asepsis bei Semmelweis und Lister [Würzburg] 24p. 8° Offenbach, W. Wagner [1929]

GROS, Ernst, 1907— *Die serologische Elternschaftsdiagnose nach Zangemeister [Würzburg] 9p. 8° Stuttgart, F. Enke, 1931.
Also Zschr. Geburtsh. Gyn., 1930-31, 99: 387-94.

GROS, François, 1904— *Les substances irradiées; avantages et inconvenients au point de vue de la santé publique. 87p. 8° Par., M. Vigné, 1929.

GROS, Fritz, 1914— *Ueber die nachträgliche Verschmutzung pasteurisierter Milch im Offenverkauf [Heidelberg] 31p. 8° Erlangen, M. Krahel, 1938.

GROS, Maurice, 1914— *Contribution à l'étude des modifications sanguines et ganglionnaires dans les dermatoses prurigineuses, étendues et de date ancienne. 42p. 25½cm. Lyon, Bosc frères, 1939.

GROS, Otto, 1879— Leitfaden der Physiologie für medizinisch-technische Assistentinnen. viii, 160p. 8° Lpz., J. A. Barth, 1931.

GROS, Walther, 1904— *Ueber Erkrankungen und Tod nach Obstgenuss [Würzburg] 16p. 8° Münch., J. F. Lehmann, 1928.

GROS, Yves, 1902— *Tumeurs utérines d'origine ovulaire; le myométriome. 67p. 8° Par., Vigot frères, 1935.

GROSBOIS, Jean Fernand, 1906— *De la médication créosotée dans les affections aiguës du poulmon. 91p. 8° Par., Le François, 1932.

GROSCHE, Hans Joachim, 1906— *Beitrag zur Metastasierung des Mammakarcinoms in die Lungen [Freiburg] 32p. 8° Quakenbrück, C. Trute, 1932.

GROSCURTH, Georg, 1904— *Die Kreislaufgeschwindigkeit bei der Fettsucht. p.357-75. 8° [Berl., n. pub.] 1930.

Also Zschr. klin. Med., 1929, 111:

GROSFELD, Fernand, 1905— *Prophylaxie de la malaria au Congo Belge. 72p. 8° Par., Jouve & cie, 1934.

GROSFELD, Jakob Lejbus, 1904— *Un aperçu sur le développement de la médecine et de la chirurgie en Pologne. 51p. 25cm. Bord., Brusau frères, 1933.

GROSGURIN, Jean R. *De l'action du glucose sur les diverses fonctions du foie [Genève] 25p. 23cm. Liège, H. Vaillant-Carmanne, 1937.

GROSHANS, G. R. F. Waarneeming eener

Operatie der Doorsneede van Schaambeenderen [Observation of an operation of cutting through the os pubis] p.65-113. 8° Amst., Ned. Maatsch. Geneesk., 1932.

In Opusc. sel. Neerl. art. med., v.12; repr. from Heden-daagsche Vaderlandsche Letter-Oef. 7. D. 2. St. 1778.

GROSHEINTZ, Albert. *Ueber die Beziehungen der Hypsistaphylie zur Leptoprosopie [Basel] 24p. 8° Berl., L. Schumacher, 1898.

GROSPERRIN, René Désire, 1906— *Les manifestations hypertoniques consécutives à l'asphyxie oxycarbonée aiguë. 56p. 8° Par., Impr. Mouysset, 1931.

GROSPIERRE, Paul. *De l'anémie de grossesse [Bâle] 31p. 8° Colombier, Mouchet & cie, 1923.

GROSS, Abraham, 1905— *Des septiciémies à staphylocoques (formes chirurgicales, ostéomyélites exceptées) et de leur traitement par le bactériophage intraveineux. 99p. 8° Par., J. Haumont, 1937.

GROSS, Andrija, 1906— *Ueber die Wirkung einiger atmungssteigernder Stoffe auf das Wachstum des transplantierten Mäusekrebses. 15p. 4 tab. 8° [Frankf. M., n. pub.] 1934.

GROSS, Camille. *Un cas d'anémie pernicieuse avec métaplasie myéloïde des reins et du myocarde et avec foyers hémorragiques dans le foie et les poulmons chez un enfant de 12 ans [Lausanne] 32p. 8° Par., G. Doin & cie, 1932.

GROSS, Carl Ludwig, 1905— *Die isolierte Tuberkulose der Milz. 36p. 8° Bonn, P. Kubens, 1932.

GROSS, Eugen Robert, 1910— *Ein Fall von geschlechtlicher Frühreife bei einem Kind mit Wasserkopf. 31p. 2 pl. 8° Tüb., A. Becht, 1935.

GROSS, Félix, 1907— *De la tolérance de la prothèse métallique dans l'ostéosynthèse. 51p. 8° Par., Presses Univ. France, 1935.

GROSS, Fritz. Chirurgische Krankheitslehre und Krankenpflege. p.195-287. 25½cm. Stuttg., Franckh'sche Verlag., 1939.

In Hand- & Lehrb. Krankenpf. (L. Fischer [et al.] Bd 2. See also Fischer, L., Gross, F., & Venzmer, G. Hand- und Lehrbuch der Krankenpflege. 2v. 228p.; 389p. 25½cm. Stuttg., 1938-39.

GROSS, Georges. *Recherches expérimentales sur la percaïne; quelques applications en clinique dentaire. 85p. 8° Genève, P. E. Grivet, 1932.

GROSS, Georges Francis, 1911— *Les lésions génitales au cours de l'avortement criminel par eau de savon. 141p. 8° Par., L. Arnette, 1938.

GROSS, Georg Werner, 1910— *Beiträge zum Krankheitsbild der chronischen Vulva-ulcerationen [Heidelberg] 18p. 22½cm. Würzb., K. Triltsch, 1935.

GROSS, Harry [Artur] 1912— *Ernährung und Zahnbeschaffenheit [Greifswald] 25p. 8° Lengerich Handelsdr. [1936]

GROSS, Herbert, 1905— *Ueber die Verteilung des Körpergewichtes auf die vorderen Sohlenstützpunkte und die Ursachen für die darüber bestehenden Meinungsverschiedenheiten. 11p. 22½cm. Bresl., E. Jakubik, 1936.

GROSS, Hermann. Histologische Untersuchungen über das Wachstum der Kieferknochen beim Menschen. 70p. 8° Lpz., G. Thieme, 1934.

Forms Heft 89, Deut. Zahnh.

GROSS, Julia Woolnough, 1866-1940. Swain, J., Pearse, E. M., & Gross, E. C. Obituary. Bristol Med. Chir. J., 1940, 57: 58.

GROSS [Karl] Adolf, 1895– *Phosphor-
nekrose [Heidelberg] 19p. 8°. Landau, Pfalz,
Kaussler, 1932.

GROSS, Kurt, 1907– *Die Verarbeitung
und Bewahrung von halbfertigen Wipla-Klam-
mern [Bonn] 39p. 21cm. Essen, W. Weland,
1937.

GROSS, Kurt, 1912– *Eine Methode zur
Messung der Wurzeloberfläche [Würzburg] 24p.
8 pl. 21cm. Berl., Stückrath & Co., 1937.

GROSS, Louis, 1895–1937.
Libman, E. Obituary. J. Mount Sinai Hosp. N. York,
1937–38, 4: 464–8.—Obituary. J. Path. Bact., Lond., 1939, 49:
439–42.

For portrait, photograph see collection in library.

GROSS, Ludwig. Hämorrhoidenbehandlung
ohne Operation. 46p. 8°. Berl., H. Kornfeld,
1926.

Forms Heft 359, Berl. Klin.

GROSS, M., & ZIEGLER, W. Die Haemato-
logie der banalen, grippalen Infekte bei Säuglin-
gen und Kleinkindern. 38p. 3 ch. 8°. Berl.,
S. Karger, 1935.

Forms Heft 38, Abh. Kinderh.

GROSS, Maurice. *Contribution à l'étude
des tumeurs de la surrénale; un cas de symp-
thome embryonnaire [Lausanne] 38p. 2 pl. 8°.
Bern, Stämpfli & cie, 1933.

GROSS, Michael, 1909– *Die Epulis;
statistische Beiträge aus der Leipziger Chirur-
gischen Klinik mit besonderer Berücksichtigung
der neueren Ansichten über ihre Pathogenese.
20p. 8°. Lpz. [n. pub.] 1934.

GROSS, O[skar] & GULEKE, N[icolai] Die
Erkrankungen des Pankreas. viii, 383p. 8°.
Berl., J. Springer, 1924.

Forms Spez. Teil: Enzykl. d. klin. Med. (L. Langsten, C.
von Noorden [et al.]

GROSS, Oswald, 1903– *Nachunter-
suchungen von Ellbogen- und Schultergelenks-
Luxationen. 16p. 2 l. 8°. Münch. [n. pub.]
1928.

GROSS, Paul, 1902–
See Mellon, Ralph Robertson, Gross, Paul, & Cooper, F. B.
Sulfanilamide therapy of bacterial infections. 398p. 8°.
Springf. [1938]

GROSS, Peter Wolfgang, 1907– *Zur
Klinik der doppelseitigen traumatischen Schulter-
gelenksluxation. 39p. 8°. [Heidelb., n. pub.]
1934.

GROSS, René, 1910– *Contribution à
l'étude de l'eau imperméable à l'alcool; action de
la source Hépar et de la Grande Source de Vittel
sur l'eau imperméable à l'alcool [Strasbourg]
88p. 24½cm. Lons-Le-Saunier, M. Declume,
1935.

GROSS, Reuben H., 1912– *Das Vaso-
motorentraining durch physikalische Therapie
[Zürich] 39p. 8°. Stetten-Basel, K. Schahl,
1936.

GROSS, Reuben Herman, 1891–
See Joseph, Alfred, Burnett, E. K., & Gross, R. H. Practical
podiatry [etc.] 437p. 8°. N. Y. [1918]

— & **BURNETT, Edwin Kenneth**. The
practice of podiatry. 3 l. ix–xviii, 457p. illust.
8°. N. Y., Harriman Print. Co., 1933.

GROSS, Salomon, 1913– *Quelques
points de technique sur l'utilisation du sang
conservé. 29p. 23½cm. Par., A. Lapiet, 1939.

GROSS, Samuel David, 1805–84. Elements
of pathological anatomy. 3. ed. xxv, 771p. 8°.
Phila., Blanchard & Lea, 1857.

For biography see Ann. M. Hist., 1926, 8: 136–9 (J. D.
Gibbon) Also J. Michigan M. Soc., 1932, 31: 334–8 (L. D.
Dickey)

GROSS, Sidney William, 1904– , &
EHRlich, William. Diagnosis and treatment

of head injuries. xix, 275p. illust. diagr.
24cm. N. Y., P. B. Hoeber [1940]

GROSS, W[alter] 1878–1933. Pathologische
Anatomie der Typhus- und Paratyphusbazillen-
ausscheider. 3 p. l. 30p. 2 pl. 8°. Jena, G.
Fischer, 1931.

For biography see Beitr. path. Anat., 1933, 92: Hft. 2, front
(L. Aschoff) Also Verh. Deut. path. Ges., 1934, 27: 349–51
(Klinge) Also Zbl. allg. Path., 1933–34, 59: 241 (M. B.
Schmidt)

GROSS, Walter, 1904– *Ueber die
Hebosteotomie [München] 28p. 8°. Kallmünz
bei Regensburg, M. Lassleben, 1929.

GROSS, Walter, 1904– *Untersuchungen
über die Habitusform Gallensteinkranker. 24p.
8°. Gött., Gebr. Wurm, 1930.

GROSS, Walter, 1908– *Versuche über
Thymolpräparate mit besonderer Beachtung von
Dentisteril und Argentosteril [München] 43p.
8°. [Göppingen, A. Müller, 1936]

GROSS, Walter, 1909– *Die Ergebnisse
der Skrofulosebehandlung an der Universitäts-
Augenklinik zu Würzburg in den Jahren 1925–33
[Würzburg] 36p. 20½cm. Waldfischbach-Pfalz,
G. Hornberger, 1936.

GROSS, Walter, 1911– *Ueber die
neueren Methoden der Prophylaxe und Therapie
der Thrombenembolie. 52p. 22cm. Marb.,
H. Bauer, 1936.

GROSS, William Otto, 1861–1926.

Obituary. J. Am. M. Ass., 1926, 87: 261.

GROSS, Wolfgang [Ernst Oskar] 1902–
*Ueber die Prognose der genuinen Epilepsie (auf
Grund katamnästischer Erhebungen) [Breslau]
17p. 8°. Gleiwitz, Neumann, 1929.

GROSSBERG, Manó Emanuel, 1903–
*Recidiv eines Myxoms der Orbita. 12p. 8°.
Würzb., G. Grasser, 1933.

GROSSE, Fritz, 1909– *Elektrokardio-
graphische Befunde bei Herzinfarkt. 2 p. l.
p.245–320. 24cm. Berl. [n. pub.] 1938.

Also Arch. Kreislaufforsch., 1938, 3:

GROSSE, Gerhard, 1910– *Das physio-
logische Gleichgewicht im intakten, lückenlosen
Gebiss und seine Erhaltung [Berlin] 20p.
23½cm. Münch., Kastner & Callwey, 1939.

GROSSE, Gerhard, 1911– *Ueber primäre
Syphilis [Kiel] 16p. 23½cm. Gräfenhainichen,
A. Heine, 1937.

GROSSE, Günther, 1909– *Experimen-
telle Untersuchungen über die analgetische Wir-
kung des Morphins in Kombination mit ver-
schiedenen Antipyretizis [Halle] 24p. 8°.
Würzb., K. Triltsch, 1934.

GROSSE, Heinrich, 1908– *Beitrag zur
Frage der normalen und anomalen Entwicklung
der Lungenvenen [Leipzig] 23p. 8°. Zeulen-
roda, A. Oberreuter, 1933.

GROSSE, Hermann, 1912– *Ueber Blut-
körperchensenkung bei dentogenen Prozessen.
19p. 21cm. Rostock, C. Hinstorff, 1937.

GROSSE, Ing A.

See Kaup, J., & Grosse, Ing A. Arbeit und Erholung als
Atmungsfunktion des Blutes. 544p. 8°. Kassel, 1930.

GROSSE, Karl [Heinrich Eduard] 1900–
*Ueber lichenoid Trichophytie. 20p. 8°. Lpz.
[P. Radestock] 1926.

GROSSE, Volkmar [Johannes] 1906–
*Das klinische Bild der chronischen Bleivergif-
tung mit besonderer Berücksichtigung des Ma-
terials der Leipziger medizinischen Universitäts-
Klinik aus den Jahren 1928 bis 1931. 42p. 8°.
Borna, R. Noske, 1933.

GROSSE, Werner, 1900– *Ueber Rönt-
gentiefentherapie der Kehlkopftuberkulose. 22p.
8°. Berl., E. Ebering, 1928.

GROSSE (Der) Krieg 1914-1918; ed. by M. Schwarte. Bd 8-10: Die Organisationen der Kriegsführung. 3v. roy. 8°. Lpz., J. A. Barth, 1921-23.

GROSSEBROCKHOFF, Franz, 1907-

*Zur Frage der Ehenichtigkeit und Eheanfechtung bei Geistesgestörten. 31p. 8°. Bonn, L. HeideImann [1932]

GROSSE-FRIE, Bernha'd, 1904- *Zur Kausistik des Gasbrandes in Friedenszeiten [Münster] 39p. 8°. Emsdetten, H. & J. Lechte, 1931.

GROSSEK, Regina, 1906- *Die Deckzellen der serösen Häute und ihre primären malignen Geschwülste [Bonn] p.435-66. 8°. Berl., J. Springer [1934]

Also Zschr. Krebsforsch., 1934, 35:

GROSSE-OETRINGHAUS, Siegfried, 1902- *Die dreifache Fragestellung bei der psychiatrischen Diagnostik nach Schneider. 54p. 8°. Bonn, H. Trapp, 1926.

GROSSE-PAWIG, Anna Maria, 1907- *Ueber die seit 1910 in der Bonner chirurgischen Klinik beobachteten Fälle von Epispadie und Blasenektomie. 35p. 8°. Bonn, P. Kubens, 1935.

GROSSER, Alwin, 1912- *Folgestand nach Milzexstirpation [Frankfurt] 31p. 8°. Hamb., A. Freilipper, 1937.

GROSSER [Elisabeth Margarete] Gisela, 1908- *Ueber Veränderungen der innersekretorischen Drüsen nach operativer Ausschaltung der Hypophyse bei der Ratte [Göttingen] 22p. 8°. Würzb., H. Stürtz, 1934.

Also Arch. Gyn., Berl., 1934, 158:

GROSSER, Günter, 1911- *Klinischer Beitrag zur isolierten Spitzenplastik. 32p. 23cm. Berl., F. Linke, 1936.

GROSSER, Herbert, 1907- *Der Wert der Henkelschen Parametrienabklemmung [Jena] 22p. 21. 8°. Borna, R. Noske, 1935.

GROSSER, Paul. *Stoffwechseluntersuchungen an Rachitikern [Frankfurt] p.141-211. 8°. Berl., J. Springer, 1920.

Also Zschr. Kinderheilk., 1920, 25:

GROSSER, Rudolf, 1906- *Vier Jahre Evipan-Na-Vollnarkosen auf der chirurgischen Abteilung des Krankenhauses Bethesda. 24p. 8°. Bresl., Genossenschafts-Buchdr., 1938.

GROSSER, Werner, 1911- *Zur Klinik und Anatomie des Occipitalappentumors [München] 23p. 21cm. Görlitz, Hoffmann & Reiber, 1937.

GROSSE-SCHÖNEPAUCK, Hilde, 1908- *Ueber eine neue Methode zur quantitativen und zuverlässigen Auswertung pharmakologischer und anderer Reaktionen an der Pupille [Münster] 29p. 20½cm. Quakenbrück, R. Kleinert, 1935.

GROSSETETE, Gilbert, 1911- *Les anémies du nouveau-né. 99p. 8°. Lyon, Bosc frères, 1936.

GROSSE-VENHAUS, Josef, 1905- *Ueber die Behandlung entzündlicher Adnexitumoren nach Aschner [München] 25p. 8°. Bottrop, W. Postberg, 1931.

GROSSE-WEISCHEDE, Franz, 1904- *Beiträge zur Symphyseotomie. 57p. 8°. Bonn, H. Trapp, 1933.

GROSSE-WIETFELD, Otto, 1898- *Ueber lymphoepitheliale Geschwülste; mit zwei neuen Fällen. 24p. 8°. Erlangen, K. Döres, 1930.

GROSSFELD, Johannes, 1889- Anleitung zur Untersuchung der Lebensmittel. xii, 409p. roy. 8°. Berl., J. Springer, 1927.

— Joseph König (Münster i. W.) sein Leben und seine Arbeit: zur Erinnerung an seinen 85. Geburtstag am 15. Nov. 1928; in Gemeinschaft mit den Söhnen Friedrich König und Maximilian König. vii, 292p. pl. 8°. Berl., P. Parey, 1928.

— Kohlenhydrate. p.835-976. roy. 8°. Berl., 1935.

In Handb. Lebensmittelchem. (Bömer, A.) 1935, Bd 2, Teil 2.

— Zucker und Zuckerwaren. p.380-500. 25½cm. Berl., J. Springer, 1938.

In Handb. Lebensmittelchem. (Bömer, A.) Bd 5.

— Fette und Oele, Lipide, Wachse, Harze, ätherische Oele. xxi, 966p. illust. tab. diagr. 25½cm. Berl., J. Springer, 1939.

Forms Bd 4, Handb. Lebensmittelchem. (A. Bömer)

GROSSFUSS, Hans, 1880- *Einseitige exzessive Hyperplasie einer Gaumenmandel und ihre klinische Abgrenzung gegenüber Tumoren 11p. 8°. Kiel [n. pub.] 1928.

GROSSHANS, Joachim, 1904- *Ist es möglich, bei den studentischen Kampfspielen einen genügenden Schutz vor Infektion zu erzielen? [Berlin] 28p., vii. 8°. Altdamm, H. Hermann, 1930.

GROSS-HARDT, Franz, 190 - *Ueber atypische Formen der Biermer'schen Anämie unter besonderer Berücksichtigung eines Falles der Freiburger Medizinischen Universitäts-Klinik [Freiburg i. B.] 20p. 8°. Münt., Regensburg, 1932.

GROSSHEIDE, Walter, 1896- *Ueber den Uterus septus. 24p. 8°. [Berl. n. pub.] 1926.

GROSSHEIM, Karl, 1843-1917. Der Wundetransport bei der Armee. 44p. illust. 4°. Berl., Allg. Med. Verlagsanstalt, 1915.

GROSSI, Giuseppe, 1860-1935. **Micheli, M.** [Necrologio] Boll. Poliamb. Giuseppe Ronzoni, 1935, 9: 255, portr.

GROSSICH, Antonio, 1849-1926.

Dobref, M. Antonio Grossich, der Erfinder der Jodtinktur-methode. Deut. med. Wschr., 1936, 62: 2133.

GROSSIORD, Gilbert, 1908- *Contribution à l'étude physio-pathologique des tremblements. 51p. 8°. Par., E. Le François, 1935.

GROSSKLAUS, Ernst, 1908- *Ueber die Verwendung von Sympatol in der Lokalanästhesie der Zahnheilkunde. 27p. 8°. Gött. [n. pub.] 1932.

GROSSMAN, Arthur Melvin, 1915- *The plasma prothrombin concentration in normal infancy [St Mary's Hosp.] 21 l. 28cm. Milwaukee, 1939.

Typewritten.

GROSSMAN, Felix Solomonovich.

Nemenov, M. I. [Felix Solomonovich Grossman—35th anniversary of medical, scientific and pedagogical activity] Vest. rentg., 1938, 21: 289-92, portr.

GROSSMAN, James Daniels, 1884- Dissection guide for veterinary anatomy. 64p. 8°. Columbus [n. pub.] 1927.

See also **Sisson, Septimus**, & **Grossman, James Daniels**. The anatomy of the domestic animals. 3. ed. 972p. roy. 8°. Phila., 1938.

GROSSMAN, Louis Irwin. Root canal therapy. 237p. illust. diagr. 24cm. Phila., Lea & Febiger, 1940.

GROSSMANN, Felix, 1883- Die spezifische Percutanbehandlung der Tuberkulose mit dem Petruschyschen Tuberkulinliniment. 76p. 8°. Berl., Urban & Schwarzenberg, 1921.

GROSSMANN, Franz, 1904- *Ueber das Verhalten der Leberzellen bei vitaler Speicherung

[Frankfurt a. M.] p.635-49. 8° Münch., J. F. Bergmann, 1928.

Also Frankf. Zschr. Path., 1928, 36:

GROSSMANN, G. Physikalische und technische Grundlagen der Röntgentherapie. 300p. 8° Berl., Urban & Schwarzenberg, 1925. Forms Sonderbd. 9, Strahlentherapie.

GROSSMANN, Gerhard, 1912- *Die chirurgischen Komplikationen des Meckelschen Divertikels unter Berücksichtigung eines Falles von Ileus [Berlin] 31p. 21cm. Speyer, Pilger, 1938.

GROSSMANN, Hans Joachim, 1910- *Die agastrischen Anämien [Rostock] 43p. 8° Coburg, A. Rossteutscher, 1934.

GROSSMANN, Heinz, 1912- *Klinische Untersuchungen mit Para-Causticin-Woelm. 18p. 22cm. Lpz., A. Walthers, 1937.

GROSSMANN, Herbert, 1907- *Maligne Papillom der Epiglottis [Freiburg i. B.] 26p. 8° Berl. [n. pub.] 1933.

GROSSMANN, Irmgard, 1912- *Hepatitis infectiosa (katarrhalischer Ikterus) [Halle] 42p. 21cm. Bleicherode, C. Nieft, 1938.

GROSSMANN, Karl [Franz] 1903- *Anwendung und Wirkung des Ektoparasitikums Nissotax. 25p. 8° Giessen [n. pub.] 1928.

GROSSMANN, Katharina Dorothea, 1907- *Sensibilität und stereognostische Störung bei traumatischer Hirnschädigung [Freiburg i. B.] 18p. 8° Berl., F. Krull [1933]

GROSSMANN, Liselotte, 1914- *Systematische Untersuchung über die röntgenologische Darstellung der Kieferkopffrakturen. 36p. 20½cm. Bonn, L. Heidekmann, 1937.

GROSSMANN, Marguerite. *Ueber den Blutdruck im Hochgebirge [Zürich] p.86-101. 8° Berl., J. Springer, 1925.

Also Zschr. klin. Med., 1925, 102:

GROSSMANN, Michael, 1848-1927. Hajek, M. Nekrolog. Mschr. Ohrenh., Wien, 1927, 61: 295-300.

GROSSMANN, Otto, 1892- *Ueber die Wirkung des Cholins auf den Blutdruck beim Menschen, insbesondere bei der arteriellen Hypertonie [München] 41p. 8° Heidelb. [n. pub.] 1930.

GROSSMANN, Walther.

See Genzmer, Fritz, & Grossmann, Walter. Das Buch des Setzers. 2. Aufl. 232p. 8° Berl., 1937.

GROSS-SELBECK, Wilhelm, 1910- *Ueber den Einfluss des Lanataglykosides Lanadigin und seines Aglykons Lanadigigenin auf den anaeroben Kohlenhydratabbau. 16p. 8° Münt., H. Buschmann, 1933.

GROSSVOGEL, Jacques, 1899- *Umbauvorgänge des parodontalen Gewebes bei Zahnwanderungen, Parodontosen und bei orthodontischen Massnahmen. 27p. 8° Freib. i. B. [n. pub.] 1932.

GROSSWIRTH, Anna, 1904- *Ein Fall von Epicardcyste. 16p. 8° Münch., Salesian. Offizin, 1929.

GROSVELD, Petrus C. F. M., 1909- *Die Pathologie des retinierten unteren Weisheitszahnes und seine Therapie [Frankfurt a. M.] 52p. 8° Bottrop, W. Postberg, 1935.

GROSZ, Andreas, 1903- *Ueber die Aetiologie und den klinischen Verlauf der Sturzgeburten an Hand der in den Jahren 1912-26 in der Universitäts-Frauenklinik zu Giessen vorgekommenen Fälle [Giessen] 32p. 4 tab. 8° [Darmstadt, n. pub.] 1927.

GROSZ, Karl.

See Stransky, Erwin, Brezina, Ernst [et al.] Leitfaden der psychischen Hygiene. 312p. 8° Berl., 1931.

GROSZ, Manfred, 1907- *Die intrauterine Röntgendiagnose der fetalen Missbildungen [Berlin] 30p. 8° Charlottenb., Gebr. Hoffmann, 1936.

GROSZ, Richard, 1893- *Klinische Untersuchungen mit Paraformaldehyd als Arsersatzmittel [Leipzig] 30p. 8° Oschatz, F. Oldecops Erben, 1925.

GROTE, Albert, 1898- *Ueber das knorpelige und knöcherne Nasenskelett eines Siredon pisciformis. p.459-88. 8° [Gött., n. pub.] 1925.

Also Morph. Jahrb., 1926, 56:

GROTE, Anni, 1886- *Zur Diagnose und Therapie der schwierigen Pericarditis [Göttingen] 15p. 8° Bremen, G. Mehlmann, 1926.

GROTE, Ernst Georg [Albrecht] 1905- *Experimentelle Untersuchungen über die Verwendbarkeit des Sojamehls in der Kinder- und Säuglingsernährung [Rostock] 21p. 8° Wismar, A. Sander, 1932.

GROTE, Ilse, 1902- *Ueber den Vitamin-C-Gehalt ultraviolettbestrahlter Milch. 15p. 2 l. 8° Greifsw., H. Adler, 1929.

GROTE, Julius [Friedrich Wilhelm Paul Hermann] 1892- *Maligne Tumoren verschiedener Art bei demselben Individuum [Berlin] 16p. 8° [Brnschw., n. pub.] 1920.

GROTE, Louis Ruyter Radcliffe, 1886- Grundlagen ärztlicher Betrachtung; Einführung in begriffliche und konstitutions-pathologische Fragen der Klinik für Studierende und Aerzte. 81p. 8° Berl., J. Springer, 1921.

— Die Medizin der Gegenwart in Selbstdarstellungen. 8v. 8° Lpz., F. Meiner, 1923-29. — Erkrankungen der Verdauungsorgane. p.213-326. 8° Dresd., 1929.

In Prakt. Differentialdiagn. (Honigmann) Dresd., 1929, 1: See also Brauche, A., & Grote, L. R. Ergebnisse aus der Gemeinschaftsarbeit von Naturheilkunde und Schulmedizin. 2. Folge. 282p. 22cm. Lpz., 1939.

Also editor of Medizinische Praxis; Sammlung für ärztliche Fortbildung. Dresd., v.1, 1927-

— & **BRAUCHLE, Alfred**. Gespräche über Schulmedizin und Naturheilkunde. 2. Aufl. 127p. 8° Lpz., P. Reclam, jr, 1935.

GROTE, Max, 1897- *Ein Beitrag zur Frage der prophylaktischen Tetanusantitoxin-Behandlung [Giessen] 31p. 8° [Borna, R. Noske] 1929.

GROTERJAHN, Georg August Karl. *Ueber den Bau der Paukenhöhle bei Pferd, Rind, Schaf, Schwein, Hund und Katze [Göttengin] 55p. 4 pl. 8° Dresd. [Roediger & Walther] 1922.

GROTH, Charlotte, 1909- *Zur Frage der Ausscheidung von Vitamin C (Ascorbinsäure) beim Säugling bei kombinierter Gabe von Eisen und Vitamin C. 29p. 22cm. Greifsw., H. Adler, 1937.

GROTH, Otto Klaus, 1904- *Ueber Ligaturbehandlung der Haemorrhoiden. 23p. 8° Bresl., Quader, 1930.

GROTH, Werner, 1908- *Anatomische Untersuchung über Form und Verlauf der Wurzellinie des S-Darmgekröses in Zusammenhang der Frage der Eingeweidesenkung. p.234-48. 8° Berl. [n. pub.] 1934.

GROTHER, Horst, 1909- *Ueber das klinische und histologische Bild der Epuliden. 27p. 8° Lpz. [n. pub.] 1934.

GROTHER, Wilhelm, 1903- *Ueber die Resorption von Zink durch die intakte Haut [München] 22p. 21cm. Würzb., K. Triltsch, 1937.

GROTHMANN, Hanna, 1908— *Erfolge operativer Behandlung bei Oberkieferkarzinomen [Münster] 25p. 8°. Bottrop, W. Postberg, 1933.

GROTHUES, Klemens, 1911— *Untersuchungen über die Zahnverhältnisse von Schulkindern im Kreise Minden [Münster] 27p. 21cm. Lengerich, Handelsdr., 1936.

GROTJAHN, Alfred, 1869–1931. Die hygienische Forderung. 183p. 8°. Lpz., K. R. Langewiesche, 1921.

— Soziale Pathologie; Versuch einer Lehre von den sozialen Beziehungen der Krankheiten als Grundlage der sozialen Hygiene. 3. Aufl. viii, 536p. 8°. Berl., J. Springer, 1923.

— Die Hygiene der menschlichen Fortpflanzung; Versuch einer praktischen Eugenik. xi, 344p. 8°. Berl., Urban & Schwarzenberg, 1926.

— Aerzte als Patienten; Subjektive Krankengeschichten in ärztlichen Selbstschilderungen. viii, 274p. 8°. Lpz., G. Thieme, 1929.

— Eine Kartotheek zu Paragraph 218; ärztliche Berichte aus einer Kleinstadtpraxis über 426 künstliche Aborte in einem Jahr. 2 p. l. 190p. 8°. Berl., A. Metzner, 1932.

— Erlebtes und Erstrebtes; Erinnerungen eines sozialistischen Arztes. v, 284p. portr. 8°. Berl., F. A. Herbig, 1932.

See also Ergebnisse der sozialen Hygiene und Gesundheitsfürsorge. Lpz., v.1–2, 1929–30.

For portrait, photograph see collection in library.
For biography see Arch. sozial. Hyg., 1929, n. F., 4: 417 (F. Rott) Also Bl. Volksgesundhpf., 1928, 28: 101 (K. B. Also Deut. med. Wschr., 1931, 57: 1637 (G. Wolff) Also Fortsch. Gesundhfwiss., 1932, 6: 102–5 (M. Kantorowicz) Also Münch. med. Wschr., 1931, 78: 1711 (Kisskalt)

See also Kantorovitz, M. Alfred Grotjahn as a eugenist. J. Hered., 1940, 31: 155–9.—Kramsztyk, S. [The life and work of Alfred Grotjahn] Warsz. czas. lek., 1933, 10: 116; 140.—Rabson, S. M. Alfred Grotjahn, founder of social hygiene. Bull. N. York Acad. M., 1936, 12: 43–58.

— & RADBRUCH, Gustav. Die Abtreibung der Leibesfrucht. 2. Gutachten. 32p. 8°. Stuttg., J. H. W. Dietz, 1921.

GROTJAHN, Etelka [née Gross] 1904— *Die italienische Gesetzgebung zur Bekämpfung des Geburtenrückganges. p.105–12. roy. 8°. [Berl., 1931]

Also Arch. sozial. Hyg., 1930, n. F., 5:

GROTJAHN, Martin, 1904— *Ueber Untersuchungen an Sackträgern. 24p. 2 l. 8°. Berl. [n. pub.] 1930.

GROTMANN, Hermann, 1909— *Ueber wiederholte Eingriffe nach Operationen an den Gallenwegen [Giessen] 41p. 8°. Werne-Lippe, F. Grube, 1935.

GROTT, Johannes, 1908— *Behandlung gynäkologischer Blutungen mit Calcium-Clavipurin. 24p. 23½cm. Berl., Rinck, 1938.

GROTTKER, Gerhard, 1908— *Untersuchungen über den Einfluss von Detoxin und Scharlachserum auf den Ablauf des Scharlachs [Breslau] 23p. 8°. Kallmünz, M. Lassleben, 1936.

GROUCHMAN, Kalman, 1893— *La Croix-Rouge et la Ligue de la Croix-Rouge dans ses oeuvres de paix. 48p. 24cm. Par., Crété, 1938.

GROUES, Pierre, 1909— *Cancer du larynx et tuberculose. 103p. ch. 8°. Lyon, Bosc frères, 1934.

GROULIER, Paul Joseph, 1907— *Contribution à l'étude de la prévention du tétanos par la vaccination. 105p. 8°. Par., L. Arnette, 1937.

GROUND.

See Building; Habitation.

GROUND itch.

See Ancylostomiasis.

GROUND nut.

See Peanut.

GROUND water.

See also Drainage; Drinking water; Drought; Habitation; Sanitation; Soil; Well.

BRYAN, K. Geology and ground-water resources of Sacramento Valley, California. 285p. 8°. Wash., 1923.

CARPENTER, E. Ground water in southeastern Nevada. 86p. 8°. Wash., 1915.

CRIDER, A. F., & JOHNSON, L. C. Summary of underground water resources of Mississippi. 86p. 8°. Wash., 1906.

FULLER, M. L. Bibliographic review and index of papers relating to underground waters published by the United States Geological Survey, 1879–1904. 128p. 8°. Wash., 1905.

GOUGET, R. *Etude de quelques nouvelles méthodes d'examen des eaux souterraines (en vue de leur utilisation dans l'alimentation) 78p. 8°. Par., 1931.

JOHNSON, D. W. Relation of the law to underground waters. 55p. 8°. Wash., 1905.

MENDENHALL, W. C. Development of underground waters in the Eastern Central Plain region of Southern California. 140p. 8°. Wash., 1905.

— Development of underground waters in Central Coastal Plain region of Southern California. 162p. 8°. Wash., 1905.

— Development of underground waters in the Western Coastal Plain region of Southern California. 103p. 8°. Wash., 1905.

SCHENCK, C. *Untersuchungen über den Einfluss der kolloidalen Substanzen im Boden auf seine Permeabilität und Kapazität für Wasser [Giessen] 81p. 8°. Berl., 1907.

SLICHTER, C. S. Field measurements of the rate of movement of underground waters. 119p. 8°. Wash., 1905.

Beadnell, H. J. L. The underground waters of the oasis of Kharga. Cairo Sc. J., 1911, 5: 1–8.—Behr-Negendank, C. Saugkraftmessungen an Halophyten-Standorten der Nordsecküste. Biol. Zbl., 1939, 59: 235–73.—Briggs, L. J. The movement and retention of water in soils. Yearb. U. S. Dep. Agr. (1898) 1899, 399–404.—Brown, J. S. Relation of sea water to ground water along the coasts. Am. J. Sc., 1922, 4: 274–94.—Caldwell, E. L. Studies of subsoil pollution in relation to possible contamination of the ground water from human excreta deposited in experimental latrines. J. Infect. Dis., 1938, 62: 272–92. — & Parr, L. W. Direct measurement of the rate of ground-water flow in pollution studies. Ibid., 259–71.—Clark, H. W. Occurrence of iron in ground water and early experiments upon removal. J. N. England Water Works Ass., 1936, 50: 229–30.—Foster, M. D. The chemical character of the ground waters of the South Atlantic coastal plain. J. Washington Acad. Sc., 1937, 27: 405–12.—Joachim. Die Grundwasserverhältnisse im Ober- und Unteressass auf Grund der bisher vorliegenden Untersuchungen. Strassb. med. Ztg., 1912, 9: 203–5.—Keiser, K. Weitere Beiträge zur Differenzierung der organischen Stoffe im Wasser; das Chlorbindungsvermögen von Grundwässern. Techn. Gemeindebl., 1929, 32: 183; 195.—Kingsbury, F. H. Public ground-water supplies in Massachusetts. J. N. England Water Works Ass., 1936, 50: 149–96.—Koschmieder, H. Die Bewegungsgesetze und die Mengenbestimmung des Grundwassers. Gesundh. Ingenieur, 1923, 46: 49–52.—Kühl, H. Die Ausnutzung der Oberflächengrundwässer zu Badezwecken. Deut. Vjschr. öff. Gesundhpf., 1915, 47: 71–4.—Lehr, G. J. Ermittlung der Grundwassergeschwindigkeit auf neuer Grundlage. Gesundh. Ingenieur, 1927, 50: 5; 1928, 51: 84.—Lucas, A. The level of the subsoil water of Cairo. Cairo Sc. J., 1910, 4: 95–8.—Lührig, H. Eine weitere Versuehung einer zentralen Grund-

wasserversorgung durch Veränderungen im Moorboden. Zschr. Untersuch. Nahrungsmitt., 1913, 25: 241-76.—**Lüning, O., & Heinsen, E.** Hohe Carbonathärte als Anzeiger von Grundwasserverschmutzung. Zschr. Untersuch. Lebensmitt., 1934, 67: 627-38.—**Malischewsky, N.** Ein neues Mittel zur Bestimmung der Stärke des Untergrundstromes. Gesundh. Ingenieur, 1927, 50: 469-72.—**Malmström, C.** Methoden zur Untersuchung der Wasserverhältnisse von Torfhöden. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1939, Abt. 11, T. 4, 1. Hälfte: 373-90.—**Mayer, R.** Die Bewegungsformen des unterirdischen Wassers als Ursache seines hygienischen Charakters. Med. Klin., Berl., 1931, 27: 1642-4.—**Meinzer, O. E.** Hydrology; the history and development of ground-water hydrology. J. Washington Acad. Sc., 1934, 24: 6-32.—**Mezger, C.** Die Grundwasserbildung in ihrer Abhängigkeit von der Grundluft. Gesundh. Ingenieur, 1926, 49: 129-44. — Versuche über den Einfluss der Grundluft auf das Entstehen von Grundwasser. Ibid., 1929, 52: 820; 839. — Die verschiedenen Stadien der Grundwasserbildung. Ibid., 1930, 53: 273-8.—**Must** humanity perish in thirst? the possible desiccation of the earth through the depredations of underground watercourses. Sc. Am. Month., 1921, 4: 305-7.—**Nöthlich, F.** Die Grundwasserbewegung im Grunewald bei Berlin in den Jahren 1931-37. Gesundh. Ingenieur, 1938, 61: 292-5. — Zur Kenntnis der Grundwassertemperatur. Ibid., 365-7.—**Obaton, F.** Une méthode de détermination rapide de la quantité d'eau contenue dans le sol. C. rend. Acad. sc., 1935, 201: 845-8.—**Putnam, G. W.** Report of the Committee on the Development of Ground-water Supplies. Pub. Health Bull., Wash., 1926, No. 160, 43-55.—**Reichle, C.** Zur Frage der Be- und Entwässerung von Siedlungen, insbesondere Stadtrand-siedlungen. Off. Gesundheitsdienst, 1935, 1: A, 14-25.—**Report of the Committee on Sanitary Control in the Development of Ground-water Supplies.** Pub. Health Rep., Wash., 1926, 41: 2704-16.—**Schübel, F. W.** Die hygienische Untersuchung und Beurteilung der künstlichen Grundwasseranreicherung. Arch. Hyg., Münch., 1936, 116: 321-64.—**Thiem, G.** Vorbereitende Massnahmen für die Grundwasserversorgung der Deutschen Maizena-Gesellschaft in Barby an der Elbe. Gesundh. Ingenieur, 1924, 47: 33-5. — Die Aufsuchung artesischer Grundwässer im Oybingergebiet für die Wasserversorgung der Stadt Zittau. Ibid., 1929, 52: 209-14.—**Toepel, R.** Das Grundwasser und seine rechtliche Behandlung. Ibid., 225.—**Werneburg.** Zutageförderung (und Entziehung) von Grundwasser und Entschädigungsansprüche drittberechtigter, insbesondere kommunaler Unternehmungen. Zschr. Gesundheitstechn., 1934, 26: 245-52.

GROUP [and society]

See also names of social and occupational groups as **Army; Camp; Family; Fraternity; Home; Nation; Race; School; Town, &c.**; see also such headings as **Anthropogeography; Civilization; Culture, &c.**; also names of countries, nations, and races.

CATTELL, R. B., COHEN, J., & TRAVERS, R. M. Human affairs. 359p. 8° Lond., 1938.

MALINOWSKI, B. Anthropology as the basis of social science. p.199-252. 8° Lond., 1938.
In Human Affairs (CatteLL, R. [et al.]) Lond., 1938.

MONSARRAT, K. W. Human understanding and its world; a study of societies. 480p. 8° Lond., 1937.

Bodenhafer, W. B. The comparative role of the group concept in Ward's dynamic sociology and contemporary American sociology. Am. J. Sociol., 1920-21, 26: 716-43.—**Boodin, J. E.** Communities and associations. In his Social Mind, N. Y., 1939, 52-69. — The group. Ibid., 23-78.—**Gerard, R. W.** Organism, society and science. Sc. Month., 1940, 50: 340; 403; 530.—**Menger, K.** An exact theory of social groups and relations. Am. J. Sociol., 1937-38, 43: 790-8.—**Redfield, R.** The folk society and culture. Ibid., 1939-40, 45: 731-42.—**Znaniecki, F.** Social groups as products of participating individuals. Ibid., 1938-39, 44: 799-811.

— Biology.

See also such headings as **Diet; Employment; Environment; Famine; Fatigue; Housing; Marriage; Nutrition; Occupation; Recreation, &c.**

ALLERS, R., BEYTHIEN, A. [et al.] Soziale Physiologie und Pathologie. 807p. 8° Berl., 1927.

BRAUBARD, M. A. Man the slave and master; a biological approach to the potentialities of modern society. 354p. 8° N. Y. [1938]

GRASSET, J. Devoirs et périls biologiques. 546p. 8° Par., 1917.

MEAD, M. Sex and temperament in three primitive societies. 335p. 8° N. Y., 1935.

Alcaraz, J. R. Algunas notas sobre biosociología; bioecología. Rev. Soc. mex. hist. natur., 1939-40, 1: 55-63.—**Ashley-Montagu, M. F.** The socio-biology of man. Sc. Month., 1940, 50: 483-90.—**Boodin, J. E.** The group and biological factors. In his Social Mind, N. Y., 1939, 84-109. — The group and physico-geographical factors. Ibid., 81-4.—**Brown, J. F.** Towards a theory of social dynamics. J. Social Psychol., 1935, 6: 182-213.—**Buttersack.** Zur Völkerbiologie. Wien. med. Wochr., 1940, 90: 853-6.—**Carmichael, D. M.** The co-operation of social groups. Brit. J. Psychol., 1938-39, 29: 207; 329.—**Ciocco, A.** On human social biology; preliminary remarks. Q. Rev. Biol., 1938, 13: 439-51.—**Davis, C. G.** The new vitality. Med. Stand., 1916, 39: 104-9.—**Ducceschi, V.** Il compito della fisiologia sociale. Arch. fisiol., Fir., 1925, 23: 49-69.—**Eliasberg, W.** Ueber sozialen Zwang und abhängige Arbeit. Zschr. Völkerpsychol., 1928, 4: 182-95.—**Haldane, J. B. S.** Society as a biological experiment. In Human Affairs (CatteLL, R. [et al.]) Lond., 1938, 19-35.—**Herschel, W.** Soziales Recht und Tüchtigkeitsauslese. Volk & Rasse, 1937, 12: 183-6.—**Hooton, E. A.** The biology of primitive human societies. In his Apes, men & morons, N. Y., 1937, 132-49.—**King, D. M.** Are we returning to the primitive? a criticism of modern home and school life. West. M. Times, 1924-25, 44: 329-36.—**Lindsay, R. B.** Physical laws and social phenomena. Sc. Month., 1927, 25: 127-33.—**Müller.** Aerztliche Betrachtungen zur Zeitlage. Vereinsbl. pfälz. Aerzte, 1928, 40: 1-6.—**Papillault, G.** La bio-sociologie, son but, ses méthodes, son domaine, ses applications à la criminologie, à l'hygiène sociale, etc. Rev. anthrop., Par., 1912, 22: 1-19.—**Raynes, G. D.** The Saturday afternoon club; an experiment in normal group living. Bull. Massachusetts Dep. Ment. Dis., 1934, 18: No. 3-4, 64.—**Reuter, E. B.** The relation of biology and sociology. Am. J. Sociol., 1927, 32: 705-18.—**Schmidt-Gibichenfels.** Die Regelung des Blutumsafls im Gesellschaftskörper. Polit. anthrop. Rev., 1910, 9: 287-97.—**Small, A. W.** The Thibaut-Savigny controversy: continuity as a phase of human experience. Am. J. Sociol., 1922-23, 28: 711-34.—**Solvay, E.** Industrie et science; biogénie et sociologie. Rev. sc., Par., 1910, 2: 705-11.—**Stadler, E.** Arbeiten über Rassen- und Gesellschaftsbiologie. Med. Klin., Berl., 1911, 7: 191.—**Ulrich, Z.** Zur Soziologie des Berufes. C. rend. Conf. internat. psychotechn. (1934) 1935, 8. Conf., 731-7.—**Ungern-Sternberg, R. von.** Biologie und Oekonomie. Fortsch. Med., 1934, 52: 501-4.—**Zeliony, G. P.** Ueber die zukünftige Soziophysikologie. Arch. Rassenb., 1912, 9: 405-29.

— Diseases.

See also **Abortion; Alcoholism; Cancer; Communicable diseases; Cripple; Degeneracy; Disability; Drug addiction; Heredity; Industrial workers; Morbidity; Mortality; Silicosis; Venereal diseases, &c.**; see also **Paleopathology.**

CHALMERS, R. W. Social diseases and social equipoise; a new outlook upon the creative and competitive elements of society. 179p. 8° Lond., 1929.

GALLOWAY, T. W. Sex and social health; a manual for the study of social hygiene. 360p. 8° N. Y. [1924]

LÖHE, H. Geschlechtskrankheiten und berufliche Hautkrankheiten; ihre sozialhygienische Bedeutung. 26p. 8° Lpz., 1935.

MANGOLD, G. B. Social pathology. 736p. 8° N. Y., 1932.

Azurdia, J. Alcoholismo, sífilis y tuberculosis desde el punto de vista social. Juventud méd., Guatemala, 1899, 1: 129-43.—**Collins, S. D.** Duration of illness from specific diseases among 9,000 families, based on nation-wide periodic canvasses, 1928-31. Pub. Health Rep., Wash., 1940, 55: 861-93. Also repr.—**Cumming, H. S.** Chronic disease as a public health problem. Q. Bull. Milbank Mem. Fund, 1936, 14: 125-31.—**Curchod.** Tuberculose et syphilis à la campagne. Rev. méd. Suisse rom., 1926, 46: 301-5.—**Durand, M. P.** Quelques réflexions d'un praticien sur le cancer et la tuberculose à la campagne. Arch. méd. chir. province, 1927, 17: 222-6.—**Fiessinger, C.** Projet d'une étude des maladies sociales. Bull. Acad. méd., Par., 1940, 3. sér., 123: 96-8.—**Frank, L. K.** Society as the patient. Am. J. Sociol., 1936-37, 42: 335-44.—**Hargrove, R. J.** Society, inebriates and moral pervers. Tr. M. Ass. Alabama, 1906, 355-61.—**Laidler, P. W.** The unholy triad; tuberculosis, venereal disease, malnutrition. S. Afr. M. J., 1938, 12: 658-66.—**Laumonier, J.** Considérations sur le traitement collectif de quelques maladies sociales. Bull. gén. théor., 1916-17, 169: 49; 98.—**LeSage.** Essai sur une maladie nouvelle; la Sociale. Union méd. Canada, 1937, 66: 1-3.—**Mosiman, M. A.** Orientation in social pathology. Trained Nurse, 1935, 95: 345-7.—**Ostertag, B.** Positive Ziele einer sozialen Pathologie; ihre Auswirkung auf Volksgesundheit und öffentliche Lasten. Med. Welt, 1934, 8: 237.—**Peters, E. A.** The unrecognized part played by disease in moulding civilisation. Med. Press & Circ., Lond., 1930, 130: 142-5.—**Rowand, A.** The present state of medical knowledge regarding the diseases common among the people. Rep. S. Andrews Inst. Clin. Res., Lond., 1922, 1:

30-48.—**Schilder, P.** The social neurosis. *Arch. Neur. Psychiat.*, Chic., 1937, 38: 1112-6.—**Smart, I. T.** Studies in the relation of physical inability and mental deficiency to the body social. *Med. Rev. of Rev.*, 1912, 18: 832-7.—**Social pathology.** *Am. Med.*, 1924, n. ser., 19: 435.—**Spector, H. I.** Some striking trends in pulmonary tuberculosis, cancer and pneumonia. *Week. Bull. S. Louis M. Soc.*, 1940-41, 35: 167.—**Weaver, W. W.** Trends in social pathology. *Marriage Hyg.*, Bombay, 1935-36, 2: 414-9.—**Weizsacker, V. von.** Die soziale Krankheit. *Deut. med. Wschr.*, 1933, 59: 1567-70.

— Diseases: Diagnosis.

See also subheading Health; also **Group medicine**, **Diagnostic service**.

Barnes, M. E. The health problems of the small town as determined by the survey method. *Ohio M. J.*, 1928, 24: 704-9.—**Berkoff, H. S.** The periodic examination; a group study in diagnosis. *Indust. M.*, 1939, 8: 395-400.—**Bloodgood, J. C.** Periodic health examinations in the prevention and earlier recognition of cancer and other serious diseases. *N. Orleans M. & S. J.*, 1927-28, 80: 345-52. Also *Pennsylvania M. J.*, 1928-29, 32: 57-63.—**Buck, R. W.** The physical examination of groups. *N. England J. M.*, 1939, 221: 883-7.—**Coerper, C.** Die sozialbiologische Diagnose. Veröff. Volksgesundheitsdienst., 1937, 49: 447-520.—**Fisk, E. L.** Periodic physical examination; a national need; 50 percent of our working population are in need of important medical or physical attention. *Nation's Health*, Chic., 1921, 3: 286-9.—**Nissen, H. A.** The Robert Brigham hospital survey of chronic disease. *N. England J. M.*, 1933, 209: 951-8.—**Palmer, G. T.** The diagnosis of the sick city. *Am. J. Pub. Health*, 1913, 3: 648-54.—**Survey of chronic disease in Boston, Mass.**, 1927, made by the Boston Council of Social Agencies, 43 Tremont Street, Boston. *N. England J. M.*, 1928, 199: 556.—**Vaughan, V. C.** The importance of frequent and thorough medical examination of all citizens. *Internat. Clin.*, 1914, 24, ser., 1: 122-30.

— Diseases: Economic aspect.

See also **Group medicine**, **Economic aspect**.

DUBLIN, L. I. The economics of world health. 8p. 8° N. Y., 1926.

Also *Pub. Health J.*, Toronto, 1927, 18: 216-25.

M'GONIGLE, G. C. M., & KIRBY, J. Poverty and public health. 278p. 8° Lond., 1936.

Ascher, L. Wirtschaftsschwankungen (Arbeit und Arbeitslosigkeit) und Volksgesundheit. *Arch. Gewerbepath.*, 1932-33, 4: 563-75. Die Volksgesundheit während der Wirtschaftskrise. *Deut. med. Wschr.*, 1933, 59: 336.—**Benjamin, G.** Soziale Hygiene und Volkswirtschaft: grundsätzliche Bemerkungen. *Zschr. Schulgesundh.*, 1926, 39: 97-103.—**Burritt, B. B.** Disease as a factor in poverty. *Hosp. Social Serv.*, 1923, 8: 91-9. Also *Proc. Nat. Conf. Social Work*, 1923, 50: 80-4.—**Christophers, S. R.** What disease costs India; being a statement of the problem before medical research in India. *Ind. M. Gaz.*, 1924, 59: 196-200.—**Depression** (The) and health. *Annual Rep. Surg. Gen. U. S. Pub. Health Serv.*, 1934, 33.—**Depression** (The) and world health. *Statist. Bull. Metrop. Life Insur.*, 1933, 14: 1.—**Dornedden, H., & Drigalski, W. von.** Wirtschaftsnot und Volksgesundheit. *Deut. Zschr. öff. Gesundheitsl.*, 1930-33, n. F., 4-43.—**Dublin, L. I.** The health of the people in a year of depression. *Am. J. Pub. Health*, 1932, 22: 1123.—**Economic** (The) depression and public health; memorandum prepared by the health section. *Q. Bull. Health Org. League of Nations*, 1932, 1: 425-76.—**Economic** status and health. *Brit. M. J.*, 1938, 2: 1373.—**Effect of the economic depression upon health. In *Handb. Lab. Statist.* (Parker, F. E.) Wash., 1936, 763-6.—**Fambri, E.** Il costo delle malattie sociali. *Difesa sociale*, 1940, 19: 43-60.—**Ford, C. E.** A community charge—the chronic. *Mod. Hosp.*, 1937, 48: 63.—**Fortanier, P. J.** [Poverty] Tegen de tuberculose, 1940, 36: 7; 26.—**Frank, J. P.** Academic address on the people's misery, mother of diseases, delivered in public on May the 5th, 1790. *Bull. Hist. M.*, 1941, 9: 88-100.—**Health and poverty in Belfast**; report by the Ulster Society of Economic Research. *Ulster M. J.*, 1937, 6: 125-30.—**Heinemann, H.** [Social hygiene and its effect on economic relations] *Geneesk. tschr. Ned. Indië*, 1940, 80: 1810.—**Hofbauer-Flatzek, A.** Beitrag zur Frage des Einflusses der Wirtschaftsnot, insbesondere der Erwerbslosigkeit (Arbeitslosigkeit) auf die Gesundheit. *Arch. Gewerbepath.*, 1932-33, 4: 362-80.—**Jirka, F. J.** A study on poverty as it pertains to public health problems. *Illinois Health Mess.*, 1934, 6: 46.—**Keiner, O.** Gesundheitliche Ruhrschäden. *Deut. Zschr. öff. Gesundheitsl.*, 1925-26, 2: 21-8.—**Marquette, B.** [et al.] Disease and dependency. *Proc. Nat. Conf. Social Work*, 1927, 54: 503-17.—**Musser, J. H.** The social and economic implications of 3 common Southern diseases. *Ann. Surg.*, 1935, 101: 572-5.—**Niven, J.** Poverty and disease. *Proc. R. Soc. M.*, Lond., 1909-10, 3: Epidem. sect., 1-44.—**Perrott, G. St J., & Collins, S. D.** Relation of sickness to income and health income change in 10 surveyed communities. *Pub. Health Rep.*, Wash., 1933, 50: 595-622.—**Poverty and disease.** *J. Am. M. Ass.*, 1934, 102: 134.—**Sigerist, H. E.** The people's misery; mother of diseases, an address, delivered in 1790 by Johann Peter Frank, translated from the Latin, with an introduction. *Bull. Hist. M.*, 1941, 9: 81-7, portr.—**Sydenstricker,****

E. Economic status and the incidence of illness. *Pub. Health Rep.*, Wash., 1929, 44: 1821-33.—**Taylor, F. R.** Dependency and health problems. *South. M. & S.*, 1930, 92: 898-901.

— Diseases: Etiology.

See also **Alcoholism**; **Civilization**; **Environment**; **Habitation**; **Migration**; **Nutrition**; **Occupation**; **Poverty**; **Sanitation**; **Unemployment**; **War, &c.**; see also preceding subheading; also under names of diseases.

JEANNERET, H. *L'influence du chômage sur la santé des familles de chômeurs et spécialement sur celle de leurs enfants. 77p. 8° Lausanne, 1936.

MINOT, G. R. Investigation and teaching in the field of the social component of medicine. p.9-19. 8° Chic., 1937.

NIESSEN, E. *Untersuchung über die Beziehungen zwischen Wohnweise und Gesundheitszustand der Volksschulkinder in Jena. 24p. 8° Jena, 1932.

OBERMER, E. Health and a changing civilization. 171p. 8° Lond., 1935.

Bachem, A. Environment, habits and health. *Arch. Phys. Ther.*, 1932, 13: 75-82.—**Barcroft, J.** Physical unfitness in relation to density of population. *Lancet*, Lond., 1937, 2: 891-3.—**Barros Barreto, J. de, & Janson de Melo, E.** Alguns aspectos do problema alcool e tuberculose em face da hygiene. *Fol. med.*, Rio, 1932, 13: 229.—**Bleckley, H.** Some social deductions from medical diagnosis. *Hosp. Social Serv.*, 1926, 13: 124-37.—**Breger, J.** Die Gesundheitsverhältnisse in Stadt und Land. *Zschr. ärztl. Fortbild.*, 1928, 25: 43-9.—**Bristol, L. D.** Health factors for relief workers. *Med. Rec.*, N. Y., 1935, 141: 225-7.—**Cathelin, F.** De l'abus des doctrines anatomophysiologiques dans le domaine de la psychologie. *Rev. path. comp.*, Par., 1923, 23: 278-83.—**Cohen, E., & Derow, H. A.** Teaching medical students objectives for care of patients and social aspects of illness. *Arch. Int. M.*, 1935, 56: 351-9.—**Doll, E. A.** The social basis of mental diagnosis. *J. Appl. Psychol.*, 1940, 24: 160-9.—**Dorn, H. F.** The relative amount of ill-health in rural and urban communities. *Pub. Health Rep.*, Wash., 1938, 53: 1181-95.—**Emerson, C. P.** Relation of health to poverty and crime. *Hosp. Social Serv.*, 1930, 22: 5-18.—**Fetscher, R.** Biologie und Volksgesundheit. *Med. Welt*, 1927, 1: 451-3.—**Filippis, V. de.** Ricerche sulla morbidità infettiva nei quartieri popolari di Varese. In *Conv. lombard. casa popol.* (Soc. ital. igiene) 1936, 154-6.—**Fischer, A.** Innere Medizin und Kulturhygiene. *Zbl. inn. Med.*, 1934, 55: 706-18.—**Fisher, I.** Health and war. *Am. J. Pub. Health*, 1918, 8: 559-63.—**Gregory, A. V.** [Influence of conditions of work and life on surgical and obstetric diseases of rural population, Vologda county] *Nov. khir.*, Moskva, 1926, 2: 329-33.—**Hamer, J. D.** Social-medical relationship. *Southwest M.*, 1936, 20: 161-3.—**Higgins, T. S.** Present-day health problems. *J. M. Ass. S. Africa*, 1929, 3: 299-303.—**Hill, L.** Light and air and the health of the citizen. *Med. Off.*, Lond., 1932, 47: 5-8.—**Hollmann, W.** Soziale Schicksal und Krankheit. *Deut. med. Wschr.*, 1940, 66: 1427-30.—**Howell, W. H.** Hurry and health. *Baltimore Health News*, 1935, 12: 148-50.—**Ilveto, A.** Malattie sociali e abitazioni. *Italia san.*, 1930, 22: No. 4, 3-7.—**Jochem, R.** Erbhhygienische Untersuchung an 102 in Notwohnungen untergebrachten Familien der Stadt Münster i. W. *Arch. Rassenb.*, 1938, 32: 516-30.—**Lane, W. A.** Our mechanical relationship to our surroundings. *Am. Med.*, 1926, n. ser., 21: 165-8.—**Mackenzie, W. L.** Sociological aspects of health. *Sociol. Rev.*, Lond., 1909, 2: 241-9.—**McKinley, P. L., & Walker, A. B.** A note on the physique of young adult males during unemployment. *Glasgow M. J.*, 1936, 126: 313-22.—**Malespine, E.** Le minimum de superficie salubre en urbanisme. *Rev. hyg.*, Par., 1938, 60: 564-76.—**Marlatt, A. L.** Humanics. *Tr. Am. Ass. Study Prev. Inf. Mortal.*, 1910, 1: 286-90.—**Marshall, G.** Vice and disease. *Guy's Hosp. Gaz.*, Lond., 1934, 48: 370-2.—**Matjuschenko, B.** Ueber den Einfluss des Krieges und der Revolution auf den Gesundheitszustand des ukrainischen Volkes. *Verh. Internat. Kongr. Sexforsch.*, 1928, 4. Kongr., 134-9.—**Minot, G. R.** Medical social aspects in practice. *Arch. Int. M.*, 1934, 54: 1-10. Also repr.—**Muttiah, S.** The health needs of the nation. *J. Ceylon Brit. M. Ass.*, 1929, 26: 1-37.—**Nasso, I.** L'influenza del soggiorno nelle città sulle condizioni di salute dei bambini. *Athena, Roma*, 1937, 6: 353.—**Nobécourt, P.** L'influenza delle grandi città sulla salute dei bambini. *Med. inf.*, Roma, 1937, 8: 129-33.—**Neergaard, K. von.** Der Einfluss der Umwelt auf die Frühstadien von Erkrankungen. *Deut. med. Wschr.*, 1940, 66: 480-2.—**Newman, G.** The foundations of national health. *Brit. M. J.*, 1928, 1: Suppl., 93-8.—**Perrott, G. St J., & Sydenstricker, E.** Causal and selective factors in sickness. *Am. J. Sociol.*, 1934-35, 40: 804-12.—**Perrott, G. St J., Tibbitts, C., & Britten, R. H.** The national health survey; scope and method of the nation-wide canvass of sickness in relationship to its social and economic setting. *Pub. Health Rep.*, Wash., 1939, 54: 1663-87. Also repr.—**Poor housing and poor health.** *Week. Roster, Phila.*, 1936, 32: 529; 31.—**Redfield, W. C.** The

wasters of the world. *Am. J. Pub. Health*, 1916, 6: 18-27.—**Reiss, R. L.** Health and environment. *Cath. M. Guard*, Lond., 1939-40, 17: 234-9.—**Richardson, B. K.** City vs rural health. *Illinois Health Q.*, 1932, 3: 268-76.—**Rowland, H.** Segregated communities and mental health. In *Ment. Health* (Am. Ass. Advance. Sec.) *Lancaster*, 1939, 263-8.—**Saller, K.** Eugenische Erhebungen bei Landkindern; allgemeine Umweltbedingungen. *Zschr. Kinderforsch.*, 1934-35, 44: 1-15.—**Schubart.** Radioaktivität, Untergrundströme und Wünschelrute in ihrer Beziehung zur menschlichen Gesundheit. *Med. Welt*, 1929, 3: 1123.—**Seiffert, G.** Krieg und Volksgesundheit. *Bl. Gesundheitsf.*, 1922, 1: 37-48.—**Sharp, H.** The influence of railway construction on public health. *Rec. Malaria Surv. India*, 1929-30, 1: 171-3.—**Skeleton** standard report on the state of health of the population and factors influencing it. *Bull. Health Org. League of Nat.*, 1939, 8: 63-86.—**Social environment and the war.** *Lancet*, Lond., 1940, 1: 285-7.—**Stouman, K., & Falk, I. S.** Health indices; a study of objective indices of health in relation to environment and sanitation. *Q. Bull. Health Org. League of Nat.*, 1936, 5: 901-1081.—**Health indices; a study of objective indices of health in relation to environment and sanitation; indices of environment.** *Milbank Mem. Fund Q.*, 1937, 15: 173-95.—**Sudhoff, K.** Civilization and health; a historical colloquy. *Med. Life*, 1927, 34: 159-64.—**Suttie, I. D.** Some aspects of sociology and their psychiatric application. *J. Ment. Sc.*, Lond., 1923, 69: 49-51.—**Thomas, D. S.** Selective internal migration; some implications for mental hygiene. In *Ment. Health* (Am. Ass. Advance. Sec.) *Lancaster*, 1939, 256-62.—**White, W. A.** The dependence of modern civilization upon health. *Med. Ann. District of Columbia*, 1936, 5: 189-98.

— Diseases: Prevention.

See also **Birth control**; **Child welfare**; **Eugenics**; **Factory**; **Food supply**; **Laws**; **Hygiene**, **Laws**; **Housing**; **Industrial hygiene**; **Maternity**; **Preventive medicine**; **Quarantine**; **Recreation**; **Sanitation**, &c.; see also **Group medicine**, **Preventive service**; also under names of diseases.

HEILMAN, E. A. How to live longer; practical talks on the causes and the prevention of heart disease, tuberculosis, Bright's disease and cancer, the chief causes of death. 159p. 8°. Phila. [1925]

HILLIARD, C. M. The prevention of disease in the community. 193p. 8°. N. Y., 1931.

LANE, W. A. The prevention of the diseases peculiar to civilization. 99p. 8°. Lond., 1929.

VERANO, A. F. Para una patria grande un pueblo sano. 2. ed. 241p. 23cm. B. Air., 1939.

Abbatucci, S. La thérapeutique de la loi morale. *Presse méd.*, 1937, 45: 266.—**Aberhalden, E.** Die Arzt als Hüter der Volksgesundheit. *Münch. med. Wschr.*, 1927, 74: 550-2.—**Ackerley, R.** Spa doctors and the improvement of national health. *Lancet*, Lond., 1927, 1: 330-2.—**Anderson, H. B.** The major diseases of adult life as a problem of preventive medicine. *Canad. Pub. Health J.*, 1929, 20: 583-96.—**Baker, P. J. N.** The national fitness campaign. *J. R. San. Inst.*, 1937-38, 58: 364-9.—**Berry, A. E.** Fallacies associated with environmental control of disease. *Canad. Pub. Health J.*, 1940, 31: 228-32.—**Bigelow, G. H.** The control of chronic diseases. *Bull. N. York Acad. M.*, 1931, 2. ser., 7: 735-46.—**Boland, F. K.** Good health is essential to national recovery. *Bull. Am. Coll. Surgeons*, 1934, 18: 26.—**Brabrook, E.** Eugenics and pauperism. *Eugen. Rev.*, Lond., 1909-10, 1: 229-41.—**Bridge, N.** The prevention of disease by improved housing and sanitary conditions. *Proc. Nat. Conf. Char.*, 1905, 32: 186-94.—**Brunzlow.** Nochmals: Wege im Kampf um die Volksgesundheit. *Oeff. Gesundheitsdienst.*, 1936-37, 2: B, 181-3.—**Buchanan, G.** Some recent policies regarding particular diseases. *Brit. M. J.*, 1931, 2: 283-7.—**Buttersack, F.** Sicherung der Gesundheit der Einzelnen ist Sicherung der Gesundheit des Volkes. *Hippokrates*, Stuttg., 1935, 6: 339-47.—**Campbell, C. M.** Human needs and social resources. In *Ment. Health* (Am. Ass. Advance. Sec.) *Lancaster*, 1939, 457-70.—**Clarkson, L. M.** Social and economic betterment influences public health. *J. M. Ass. Georgia*, 1941, 30: 69.—**Cook, H. W.** Pushing back the death line. *Proc. Ass. Life Insur. Press.*, 1929, 29: 91-111.—**Cooke, A. B.** Safeguarding society from the unfit. *South. M. J.*, 1910, 3: 16-22.—**Costa Mandry, O.** La asociación médica como auxiliar en la lucha contra las enfermedades sociales. *Bol. As. méd. Puerto Rico*, 1940, 32: 53.—**Davies, S. P.** Psychiatric resources from the standpoint of social agencies. *Ment. Hyg.*, Alb., 1937, 21: 255-62.—**Dietrich, A.** Krankheit und Krankheitsabwehr. *Oeff. Gesundheitsdienst.*, 1936-37, 2: B, 209-16.—**Endocrinology**; heredity and resistance, at *Lister institute of preventive medicine*. *Lancet*, Lond., 1938, 1: 1410.—**Evans, W. A.** The town hall of health. *Am. J. Pub. Health*, 1926, 16: 987-92.—**Foulerton, A. G. R.** Introductory address on the value of preventive medicine as a factor in the welfare of the State. *Middlesex Hosp. J.*, Lond., 1907-8, 11: 161-71.—**Graham-Little, E.** Preventive medicine and the education of public opinion. *J. State M.*, Lond., 1933, 41: 77-95.—**Haebler-**

lin, C. Lebensrhythmus und Lebensführung; mit Gedanken über Verhütung von Gesundheitsschäden des einzelnen und des Volksgezogen. *Hippokrates*, Stuttg., 1938, 9: 826-31.—**Hansteen, P.** [Can social diseases be prevented?] *Nord. med.*, 1939, 1: 725-33.—**Harper, C. A.** Public health versus three diseases. *Bull. Bd Health Wisconsin*, 1936-41, 6: No. 9, 4; 19.—**Horder.** The control of disease. *Brit. M. J.*, 1939, 1: 1071-7.—**Jennings, H. S.** Public health progress and race progress; are they incompatible? *Tr. Nat. Tuberc. Ass., N. Y.*, 1927, 23: 125-42.—**Lustig, A.** Le malattic ereditarie e la loro profilassi sociale. *Corriere san.*, Milano, 1907, 18: 171.—**McCormack, A. T.** Public health the basic factor of social security. *Kentucky M. J.*, 1938, 36: 171-7.—**McShane, J. J.** The conquest of disease. *Illinois M. J.*, 1927, 51: 103-9.—**Merklen.** L'homme en lutte contre les agents extérieurs. *J. méd. chir., Par.*, 1924, 95: 885-98.—**Milam, D. F.** Relationship of environmental sanitation to prevention of disease. *Papers Health Work. Conf. Tennessee*, 1931, 2: 1-10.—**New York's new methods in the control of diphtheria and diabetes.** *N. England J. M.*, 1935, 212: 892.—**Noack, V.** Der heutige Stand der Bodenreformbewegung und ihre sozialhygienische Bedeutung. *Arch. Social Hyg.*, 1928, N. F., 3: 87-91.—**Palette, E. M.** Human betterment. *California West. M.*, 1937, 46: 296-300.—**Problems of health conservation.** *Weck. Roster, Phila.*, 1934, 29: 1223-9.—**Ravenel, M. P.** The trend of public health work; is it eugenic or dysgenic? *Sc. Month.*, 1926, 23: 331-6.—**Ravicini, S.** Sulla profilassi di alcune malattie sociali. *Difesa sociale*, 1936, 15: 83-91.—**Rice, T. B.** The conquest of disease. *Hygeia, Chic.*, 1927, 5: 139-41.—**Roberts, R. F.** Sound health for our commonwealth. *South. M. & S.*, 1939, 101: 117-21.—**Rubenstein, S. J.** International control of disease. *Diplomate*, 1938, 10: 207-16.—**Scheliema, G.** [Cure, prevention, eugenics] *Ned. tschr. geneesk.*, 1940, 84: 1052-5.—**Sutter, J. J.** The value of public health to a community. *Eclect. M. J.*, 1936, 96: 245-51.—**Ugron, G.** [The practitioner and the social hygienic prophylaxis] *Orvosképzés*, 1936, 26: 477-86.—**Vaughan, H. F.** Team play for health. *North Carolina M. J.*, 1940, 1: 235-8.—**Verslag over het jaar 1931 van de Inspectie van de Volksgezondheid voor de hygiëne van het kind, de tuberculose-bestrijding en de bestrijding van de geslachtsziekten.** *Versl. volksgezondh.*, 1933, 1-126.—**Webb, F. A.** Degeneracy, the physician as a factor in its prevention. *Tr. M. Ass. Alabama*, 1906, 361-71.

— Diseases: Treatment.

See **Group medicine**.

— Economics.

See also subheading **Social security**; also **Economics**; **Home economics**; **Money**; **Poverty**; **Relief**; **Unemployment**, &c.

BRUNS, E. H. Report on the economic conditions of the poorer population of the City of Trier, as determined by house to house visits. 5p. fol. Trier, 1919.

NICEFORO, A. Antropologie delle classi povere. 288p. 8°. Milano [1908]

STEINBECK, J. The grapes of wrath [7. print.] 619p. 21cm. N. Y. [1939]

UNITED STATES DEPARTMENT OF LABOR; BUREAU OF LABOR STATISTICS. Bulletin no. 598. Organization and management of consumers' cooperative associations and clubs. 71p. 8°. Wash., 1934.

WOLFE, W. B. Successful living. 180p. 8°. N. Y. [1938]

Baron, H. Franciscan poverty and civic wealth in humanistic thought. *Speculum*, Camb., 1938, 13: 1-37.—**Desfosses, P.** La pauvreté, l'amour des richesses et le temps présent. *Presse méd.*, 1936, 44: 1881.—**Du Bois, C.** The wealth concept as an integrative factor in Tolowa-Tututni culture. In *Essays Anthropol. A. L. Kroeber*, Berkeley, 1936, 49-36.—**Fenichel, O.** The drive to amass wealth. *Psychoanal. Q.*, 1938, 7: 69-95.—**Hexter, M. B.** Implications of a standard of living. *Am. J. Sociol.*, 1916, 22: 212-25.—**Kornhauser, A. W.** Attitudes of different economic groups. *Psychol. Bull.*, 1938, 35: 663.—**Lynd, R. S., & Hanson, A. C.** The people as consumers. In *U. S. Presid. Res. Comm. Social Trends Rep.*, N. Y., 1933, 857-911.—**Merrill, F. E.** The stock exchange and social control. *Am. J. Sociol.*, 1937-38, 43: 560-77.—**Ogburn, W. F.** The background of the new deal. *Ibid.*, 1934, 39: 729-37.—**Coombs, L. C.** An economic interpretation of the social characteristics of cities. *Ibid.*, 1940-41, 46: 305-15.—**Ogburn, W. F., & Jaffe, A. J.** Recovery and social conditions. *Ibid.*, 1936-37, 42: 878-86.—**Pieraccini, G.** Il fattore antropologico nel divenire sociale (a proposito dei recenti studi antropologici sulle classi povere). *Ramazzini, Fir.*, 1908, 2: 214-7.—**Queen, S. A., & Gruener, J. R.** Class barriers; poor wastes. In *their Social Path.*, rev. ed., N. Y., 1940, 459-83.—**Sleyster, R.** What price depression. *Delaware M. J.*, 1939, 11: 211-7.—**Williams, F. M.** Factors to be considered in measuring intercity and interregional differences in living costs. *J.*

Am. Statist. Ass., 1940, 35: 471-82.—Wolff, F. Wie kann der von den Gemeinden zu treibenden Bodenpolitik eine brauchbare Grundlage gegeben werden? Techn. Gemeindebl., 1926-27, 29: 57-9.

— Education [Propaganda]

See also subheading Psychology; also Education; Knowledge; Learning; School. For health education see Group medicine, Health education; also Exhibition; Hygiene, Instruction; Newspaper; Radio, &c.

Anderson, M. L. Education for social maturity. Training School Bull., 1936-37, 33: 185-92.—Bongioanni, F. I limiti psicologici dell'educabilità nel piano sociale. Arch. ital. psicol. gen. lavoro, 1938, 16: 125-34.—Bugelski, R., & Lester, O. P. Changes in attitudes in a group of college students during their college course and after graduation. J. Social Psychol., 1940, 12: 319-32.—Ellis, A. C. The relation of a nation's social ideals to its educational system. Pedagog. Semin., Worcester, 1908, 15: 170-85.—Ellwood, C. A. The educational theory of social progress. Sc. Month., 1917, 5: 439-50.—Emery, E. van N. A biological perspective for education during periods of social change. Ment. Hyg., Alb., 1938, 22: 177-92.—Kephart, N. C. A method of heightening social adjustment in an institutional group. Am. J. Orthopsychiat., 1938, 8: 710-8.—Kroh, O. Gemeinschaftspsychologie und Gemeinschaftserziehung. Zschr. pädag. Psychol., 1934, 35: 233-49.—Levavre, L. Dérégence sociale et éducations. Indépend. méd., Par., 1912, 16: 163-75.—Mills, C. W. Methodological consequences of the sociology of knowledge. Am. J. Sociol., 1940-41, 46: 316-30.—Mowrer, O. H. Authoritarianism vs self-government in the management of children's aggressive (anti-social) reactions as a preparation for citizenship in a democracy. J. Social Psychol., 1939, 10: 121-6.—Park, R. E. News as a form of knowledge; a chapter in the sociology of knowledge. Am. J. Sociol., 1939-40, 45: 669-86.—Ruiz, R. A magyar városok szociális vonatkozású kiadásai. Statiszt. ért., 1939, 257-9.—Snedden, D. Educational sociology; its province and possibilities. Am. J. Sociol., 1919-20, 25: 129-49.—Socialized education; is the analogy to medicine, a sound one? Westchester M. Bull., 1934, 2: No. 8, 1; 11.—Whisler, L. Changes in attitudes towards social issues accompanying a 1-year freshman social science course. J. Psychol., Provincet., 1940, 10: 387-96.—Williams, J. N. The socialization of children. Virginia M. Month., 1939, 66: 747-51.

— Health and health survey.

See also subheading Diseases; Diagnosis; also under names of social groups and communities.

BURKARD, W. E., CHAMBERS, R. L. [et al.] Personal and public health. 360p. 8°. N. Y. [1936]

DELMEGE, J. A. Towards national health; or, Health and hygiene in England from Roman to Victorian times. 234p. 8°. Lond., 1931.

FREMANTE, F. E. The health of the nation. 209p. 8°. Lond., 1927.

LEVI, A. I. Berioth hasibur (Health of the community) 287p. 16°. Tel-Aviv, 5695 [-1934]

NEWMAN, G. Health and social evolution. 200p. 8°. Lond. [1931]

NEWSHOLME, A. Health problems in organized society; studies in the social aspects of public health. 253p. 8°. Lond., 1927.

SAND, R. Health and human progress; an essay in sociological medicine. 278p. 8°. N. Y., 1936.

TURNER, C. E. Personal and community health. 3. ed. 443p. 8°. S. Louis, 1930. Also 5. ed. 652p. 1939.

UNITED STATES. NATIONAL HEALTH SURVEY. HEARING STUDIES SERIES. U. S. PUBLIC HEALTH SERVICE. Preliminary reports (Bull.) No. 1-1935-36-

WARNING, H. *Ueber den Gesundheitszustand von 885 Mitgliedern des Deutschen Jungvolks (DJ) in der Hitlerjugend (HJ) [Göttingen] 102p. 23½cm. Bochum, 1936.

WEISS, M. Health among the Pan American nations. 8 l. 8°. Bost., 1937.

Adams, H. L. War-time health tour. Nurs. Times, Lond., 1941, 37: 122.—Aycardo, M. M. The preparation of health index of a community based upon the probable error concept. Month. Bull. Bur. Health, Manila, 1938, 18: 415-25.—Balfour, A. Hygiene as a world force. Brit. M. J., 1926, 2: 782-4.

Also Science, 1926, 64: 459-66. ——— Health and Empire. Lancet, Lond., 1930, 1: 449-552.—Bircher-Benner, M. O. The health of civilised communities. Med. Off., Lond., 1936, 55: 77-9.—Bloom, R. An analysis of 8,584 periodic health examinations of employees of the Philadelphia board of public education. Week. Roster, Phila., 1935, 30: 1203-16.—Bogoslavsky, S. M. [Plan of statistical survey of public health] Mosk. med. J., 1927, 7: No. 3, 56-66.—Brandabur, J. J. An analysis of periodic physical examinations for 5 years. South. M. J., 1940, 33: 638-45.—Britten, R. H. The National Health Survey; some general findings as to disease, accidents, and impairments in urban areas. Pub. Health Rep., Wash., 1940, 55: 444-70.—Büsing, H. Aerztliche Untersuchungsergebnisse an 1,000 im letzten Halbjahr bei den Reihenuntersuchungen erfassten Angehörigen der Hitlerjugend. Zschr. Gesundheitsverwaltung, 1934, 5: 340-4.—Clague, E. Interrelationship of health and welfare records and statistics. Am. J. Pub. Health, 1938, 28: 599.—Commission du carnet sanitaire. Bull. san. pub., Brux., 1938, 3: 574.—Complete health examinations by WPA. Trained Nurse, 1937, 98: 499.—Cooper, M. H. The value of a complete survey of towns and civil districts. Papers Health Work, Conf. Tennessee, 1938, 10: 126-33.—Deaderick, W. H. The health survey. Am. J. Trop. Dis., 1914, 1: 627-49.—Dublin, L. I. Very good health for 1937. Science News Lett., 1937, 31: No. 821, 6.—Edmondson, R. H. A review of a health survey of 68 cities. West Virginia M. J., 1926, 21: 570-84.—Edwards, T. P. Physical fitness in relation to public health. J. R. San. Inst., 1938-39, 59: 573-81.—Emerson, H. Wanted: a community diagnosis. Pub. Health Nurse, 1919, 11: 937-41.———— & Sturges, G. E. Method of making a community diagnosis. Cleveland Hosp. Health Surv., 1920, pt. 2, 1004-37.—Emerson, J. T. Bibliography of surveys. Ibid., 1038-61.—General (The) practitioner and national physical fitness. J. Am. M. Ass., 1938, 111: 2443.—Gutkin, A. I. [Methods of investigations of social health] Sovet. pediat., 1935, No. 12, 145-50.—Hazemann, R. H., & Taylor, R. M. Les inventaires sanitaires; documentation recueillie dans plusieurs communes. Rev. hyg., Par., 1933, 55: 81-159.—Health indices; their place in public health reports [Bibliogr.] Bull. Health Org. League of Nat., 1939, 8: 60-86.—Health of a pastoral tribe. Annual Rep. Kenya M. Dep., 1933, 14-7.—Health and the community. Nature, Lond., 1937, 140: 493.—Health of the nation. Health Off., Wash., 1939, 4: 165.—Hoffman, F. L. A world health survey. Med. Insur., 1927, 42: 510-4.—International health survey by the permanent Committee. Brit. M. J., 1938, 1: 185.—Lambert, S. M. Health survey of Rotumah. Med. J. Australia, 1929, 1: 45-50.—Lara, H., & Origas, C. A. The community healthmeter. J. Philippine Islands M. Ass., 1926, 6: 261-6.—Lees, H. D. The periodic health examinations; characteristic findings in the examination of the younger age groups. Week. Roster, Phila., 1936, 31: 1469; 1475.—Lunsford, G. G. Findings in 85 health examinations; conducted by the Crisp County Medical Society. J. M. Ass. Georgia, 1931, 20: 102-5.—MacDonald, M. The national health in war-time; a survey by the Minister of health. Med. Off., Lond., 1940, 64: 141.—McKay, F. L., & Saunders, S. H. The health survey. Commonwealth, Bost., 1938, 25: 50-2.—Mackenzie, I. A. Health in the home; health in the Nation. Health, Toronto, 1940, 8: 5-7.—McLaughlin, A. J. Public health survey of Fort Smith, Ark. Pub. Health Rep., Wash., 1930, 45: 599-615.—MacNalty, A. The state and national health. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, Surveys, 3-11.—Maddox, R. F. The social and economic value of health. J. M. Ass. Georgia, 1939, 28: 354-8.—Menikhes, M. A. [Questions on the physical development of the population] Gig. san., Moskva, 1939, 4: No. 3, 3-5.—Morison, F. H. A suggestion for a health census. Brit. M. J., 1919, 1: 739.—National health survey report. Week. Bull. California Dep. Pub. Health, 1938-39, 17: 189.—Orchard, W. E. Social hygiene and physical fitness. J. R. San. Inst., 1937-38, 58: 653-5.—Palmer, G. T. Measurement in public health. Proc. Milbank Mem. Fund, 1936, 47-53.—Parran, T. The health of the nation. Michigan Pub. Health, 1939, 27: 8-12. Also Pub. Health Rep., Wash., 1939, 54: 1; 919.—Pierce, C. C. Public health in wartime. Proc. Nat. Conf. Social Work, 1918, 45: 179-86.—Press (The) and the National Health Survey. Health Off., Wash., 1938, 2: 552-4.—Public (The) conception of health as a controlling factor. In Am. Med. (Am. Found.) N. Y., 1937, 1: 80-110.—Public (The) health in wartime. Brit. M. J., 1940, 2: 578.—Rink, W. Die gesundheitlichen Verhältnisse des deutschen Volkes. Fortsch. Gesundheitsf., 1931, 5: 359-64.—Ryerson, E. S. Human health and its assessability. Diplomate, 1940, 12: 169-74.—Seger, G. Reichswehrret und Volksgesundheit. Neue Generation, 1926, 22: 71-6.—Spencer, R. R. The commonwealth. Health Off., Wash., 1937-38, 2: 271; 571.—Stouman, K., & Falk, I. S. An international system of health indices. Am. J. Pub. Health, 1937, 27: 363-70.—Taylor, F. R. An analytic research based upon 436 health examinations in 51 counties. South. M. & S., 1929, 91: 464-6.—Titus, S. Health, a normative value of life. Pacific Coast J. Nurs., 1934, 30: 263-7.—Tobey, J. A. An outline of a health survey. Ohio M. J., 1918, 14: 93-5.—Winslow, C. E. A. Health in war and peace. South. Hosp. Rec., 1917, 4: 170-2.—Wood, H. B. Public health surveys. Mod. Med., Chic., 1920, 2: 380-4.—World health. Health Off., Wash., 1939, 4: 29; 166.—Wright, H. A hospital and health survey. Mod. Med., Chic., 1920, 2: 160.—Zapel, E. Ergebnisse der ersten Reihenuntersuchungen in 4 Betriebsstätten. Deut. med. Wschr., 1940, 66: 601-5.—Zimmermann, W. Ueber einige Erfahrungen bei Reihenuntersuchungen. Zschr. ärztl. Fortbild., 1935, 32: 625.

— Hygiene and sanitation.

See also names of social and occupational groups as **Industrial worker**; **School**; **School child**; **Town**; **Village, &c.**; also **Hygiene**; **Sanitation**; **Sewage, etc.**

BÖHM, K. W. *Ueber die hygienischen Wohnungsverhältnisse in einigen Bezirken der Innenstadt und des Stadtrandes von Gross-Berlin. 36p. 21cm. Berl.-Steglitz, 1936.

DAINES, L. L., & BEELEY, A. L. Community health and hygiene; a study-course for adult-education groups. 248p. 8°. Salt Lake City, 1930.

FIESSINGER, C. A. L'hygiène des gens pressés. 3v. 12°. Par., 1934-36.

FOX, O. *Hygienische und sozialhygienische Gesichtspunkte zu den Stadtrand-siedlungen der Stadt Münster i. Westf. 33p. 8°. Münster, 1934.

GEIGER, K. *Sozialhygienische Untersuchungen in der Kleinsiedlung München-Neuherberge [München] 40p. 8°. Lengerich-W., 1937.

HARDY, A. V. Notes and references on personal and community hygiene. Part 2. 121 l. 8°. Iowa City, Ia., 1933.

KROP, H. *Die sozialhygienischen Verhältnisse in den Not- und Behelfswohnungen östlich Zandorf bei München (unter besonderer Berücksichtigung der Feuchtigkeit) [München] 36p. 8°. Pfaffenhofen, 1936.

MANNHART, O. *Die hygienischen Verhältnisse des Sarganserlandes; ein Beitrag zur Geschichte der Hygiene [Zürich] 71p. 8°. Mels, 1926.

MRUGOWSKY, J. Hygienische Untersuchungen in einem Mansfeldischen Bergmannsdorf [Halle-Wittenberg] 243p. 23½cm. Greifswald, 1938.

ROUSSY, J. E. *Hygiène de la bourgeoisie au moyen âge. 79p. 24cm. Par., 1939.

SCHAUTES, T. *Sozialhygienische Untersuchungen auf der Frischen Nehrung [Königsberg] 74p. 21cm. Fulda, 1938.

SCHLÖSSER, E. *Das Gesundheitswesen im Regierungsbezirk Minden [Münster] 47p. 8°. Werne-Lippe, 1934.

SCHMALHOFFER, F. *Sozialhygienische Feststellungen in der Reichs-Kleinsiedlung am Perlacher Forst [München] 23p. 20½cm. Pfaffenhofen, 1936.

SCHRÖDER, H. *Sozialhygienische Feststellungen in der Reichskleinsiedlung an der Zandorferstrasse in München [München] 22p. 8°. Bottrop i. W. [1935]

SMILEY, D. F., & GOULD, A. G. Community hygiene. 350p. 8°. N. Y., 1929. Also 2. ed. 369p. 1935.

STEEL, E. W., & WHITE, E. G. Hygiene of community, school and home. 368p. 8°. N. Y., 1932.

STIMMING, V. *Medizinisch-hygienische Untersuchungen über das Wohnungswesen der Stadt Rostock unter Berücksichtigung der Statistik [Rostock] 27p. 8°. Gütersloh i. W., 1935.

WALDVOGEL, W. *Hygienische Betrachtungen über die Vorstädtische Kleinsiedlung Freiburg i. B. [Freib.] 35p. 21cm. Schramb. (Schwarzwald) 1936.

WEIN, K. A. *Sozialhygienische Untersuchungen in der Reichskleinsiedlung München-Freimann [München] 28p. 8°. Pfaffenhofen, 1936.

BLUE, R. War and sanitation. J. Arkansas M. Soc., 1918-19, 15: 4-6.—Carrière. L'hygiène internationale. Schweiz. med. Wschr., 1929, 59: 527-30.—Cumming, J. G. The bonus army; health and sanitary problems. Med. Ann. District of Columbia, 1933, 2: 82-6.—Emerson, H. Introduction; general environment; sanitation. Cleveland Hosp. Health Surv., 1920,

1-90.—Friedländer, C. Ueber die sanitären Verhältnisse der Zivilbevölkerung während des Krieges. Deut. med. Wschr., 1918, 44: 1332-4.—Graddon, C. N. Present tendencies in public cleansing. J. R. San. Inst., 1934-35, 55: 633-42.—Haag, F. E., Appel, W., & Schneller, H. Die Bedeutung der Wohnfläche für sozialhygienische Untersuchungen. Arch. Hyg., Münch., 1935-36, 115: 318-45.—Home hygiene in the hill country. Red Cross Courier, 1935, 14: No. 7, 21.—Hommon, H. B. Problems of sanitation at headquarter area during construction of Boulder Dam. Am. J. Pub. Health, 1930, 20: 1086-93.—Hornstra, R. (Hygiene in the plains) Groene & witte kruis, 1934, 30: 28-32.—Horton, T. How to make a sanitary survey. Annual Rep. N. York State Dep. Health, 1913, 970-89.—Klein, A. Erhebungen über die Dauer des Aufenthaltes im Freien bei verschiedenen Bevölkerungsgruppen. Arch. Hyg., Münch., 1934-35, 113: 170-94.—Magyar-Kossa, G. C. Sanitäre Zustände. In his Ungar. med. Erinner., Budapest, 1935, 70-119.—Mason, W. P. The value of the sanitary survey. Science, 1916, 44: 844.—Mobley, M. R. The necessity of graphic illustration of sanitary conditions in a community. Am. J. Pub. Health, 1917, 7: 787.—Rose, W. A sanitary survey. Ibid., 1913, 3: 655.—Sangiorgi, G. L'igiene moderna e i suoi riflessi nella vita. Difesa sociale, 1931, 10: 513-22. Also Italia san., 1931, 23: No. 24, 1-9.

— Organization, and disorganization.

See also **Caste**; **Civilization**; **Communism**; **Criminal**; **Culture**; **Government**; **Law**; **Leadership**; **Nation**; **Politics**; **State**; **Town**; **War, &c.**

CONTI, S. Verfassung von Staat und Stadt. 63p. 8°. Lpz., 1934.

MATTHEWS, M. T. *Experience-worlds of mountain people; institutional efficiency in Appalachian village and hinterland communities [Columbia University] 210p. 8°. N. Y., 1937.

RIVERS, W. H. R. Social organization. 226p. 8°. Lond., 1924.

ROSS, E. J. Social origins. 112p. 8°. N. Y., 1936.

SOLMI, A. Le corporazioni nel medio evo. 19p. 8°. [Roma, 1936]

STEWART, J. H. Basin-plateau aboriginal sociopolitical groups. 346p. 8°. Wash., 1938.

THURNWALD, R. Die menschliche Gesellschaft in ihren ethno-soziologischen Grundlagen. 2 vols. 311p.; 360p. 8°. Berl., 1931-32.

[U. S.] SOUTHERN SOCIOLOGICAL CONGRESS [Proceedings] Battling for social betterment [Memphis meeting] 227p. 8°. Nashville, 1914.

UNITED STATES. PRESIDENT'S RESEARCH COMMITTEE ON SOCIAL TRENDS. Recent social trends in the United States. 2 vols. 1568p. (pag. consec.) 8°. N. Y., 1933.

UNWIN, J. D. Hopusia; or, The sexual and economic foundations of a new society. 475p. 24cm. Lond. [1940]

WARNER, W. L. A black civilization; a social study of an Australian tribe. 594p. 8°. N. Y., 1937.

WEULE, K. Die Urgesellschaft und ihre Lebensfürsorge. 104p. 8°. Stuttg., 1921.

Adler, A. Psychiatric aspects regarding individual and social disorganization. Am. J. Sociol., 1936-37, 42: 773-80.—Agon, O. A. The Mal du Siècle in the romantic novel. Abstr. Theses Univ. Pittsburgh, 1932, 8: 446.—Allbutt, T. Introductory address on the integration of the social organism. Lancet, Lond., 1912, 2: 283-6.—Allee, W. C. Relatively simple animal aggregations. In Handb. social Psychol. (Murchison, C.) Worcester, 1935, 919-46.—Aragon, A. Etat social des peuples sauvages. Mem. Acad. nac. cienc. Antonio Alzate, 1931-32, 53: 145-57.—Bell, F. L. S. Sokapana: a melanesian secret society. J. R. Anthropol. Inst. Gr. Britain, 1935, 65: 311-41, 3 pl.—Bernatzik, H. A. Die Kolonisation primitiver Völker unter besonderer Berücksichtigung des Mokenproblems. In Kultur & Rasse (Hesch-Spannaus) Berl., 1939, 254-64.—Blumer, H. Social disorganization and individual disorganization. Am. J. Sociol., 1936-37, 42: 871-7.—Boodin, J. E. The law of social participation. In his Social Mind, N. Y., 1939, 190-226.—Buell, B., & Robinson, R. A composite rate of social breakdown. Am. J. Sociol., 1939-40, 45: 887-98.—Burgess, J. S. The social revolution taking in the Orient. Proc. Nat. Conf. Soc. Work, 1921, 48: 336-40.—Cabreres, M. Community organization; the settlement; a desirable institution. Puerto Rico Health Bull., 1938, 2: 104.—Cépede, M. La raison contre l'autaricie. Bull. Soc. sc. hyg. aliment., Par., 1938, 26: 281-303.—Doll, E. E. Pattern in culture. Training

- School Bull., 1938, 35: 61-71.—**Dollard, J.** Culture, society, impulse, and socialization. *Am. J. Sociol.*, 1939-40, 45: 50-63.—**Eschmann, E. W.** Zur politischen Struktur des Mittelalters. *Zschr. Völkerpsychol.*, 1928, 4: 129-49.—**Eulenberg, F.** Naturgesetze und soziale Gesetze. *Arch. Sozialwiss.*, 1910, 31: 711; 1911, 32: 689.—**Feil, A.** A propos des réformes sociales. *Presse méd.*, 1936, 44: 1269.—**Ferreira, W.** O casamento como base da organização social. *Arch. med. leg. ident.*, Rio, 1938, No. 15, 197-207.—**Freire-Marreco, B.** Authority in uncivilized society. *Sociol. Rev.*, Lond., 1908, 1: 330-47.—**Gardner, P.** Rationalism and science in relation to social movements. In *Huxley Mem. Lect. Univ. Birmingham*, 1914, 53-97.—**Goldenweiser, A. A.** Loose ends of theory on the individual, pattern, and involution in primitive society. In *Essays Anthropol.* A. L. Kroeber, Berkeley, 1936, 99-104.—**Graber, G. H.** Die schwarze Spinne. *Imago*, Wien, 1925, 11: 254-334.—**Groppi, A.** Le origini della società. *Rendic. Ist. Lombardo sc.*, 1915, 2. ser., 48: 440-9.—**Haeckel, J.** Gewinnung einer relativen Zeitfolge aus der Gruppierung der Sozialsysteme. *Mitt. Anthropol. Ges.*, Wien, 1937, 67: 58-65.—**Hartnacke.** Klassenkampf, ein biologischer Widerspruch. *Volk & Rasse*, 1937, 12: 163-6, pl.—**Hobhouse, L. T.** Friede und Ordnung bei den primitivsten Völkern, innerhalb der Gruppe. *Zschr. Völkerpsychol.*, 1929, 5: 40-56.—**Jones, M. L.** The Mal du Siècle as evinced in Atala et René by François René de Chateaubriand, Obermann by Etienne Pivert de Senancour, Adolphe by Benjamin Constant. *Abstr. Theses Univ. Pittsburgh*, 1930, 6: 302.—**Kepford, A. E.** The greater community association at Creston, Iowa. *Mod. Hosp.*, 1919, 12: 342-7.—**Kern, R. R.** The supervision of the social order. *Am. J. Sociol.*, 1918-19, 24: 260; 423.—**Krische, P.** Die soziale Schichtung der Erwerbstätigen im Zeitalter der Dampfmaschine und in dem der Elektrizität. *Zschr. Völkerpsychol.*, 1928, 4: 11-8.—**Kroeber, A. L.** Basic and secondary patterns of social structure. *J. R. Anthropol. Inst. Gr. Britain*, 1938, 68: 299-309.—**Mannheim, K.** Present trends in the building of society. In *Human Affairs* (Cattell, R. [et al.] Lond., 1938, 278-300.—**Mayo, E.** Psychiatry and sociology in relation to social disorganization. *Am. J. Sociol.*, 1936-37, 42: 825-31.—**Merriam, C. E.** The assumptions of aristocracy. *Am. J. Sociol.*, 1937-38, 43: 857-77.—**Moreno, J. L.** Psychological and social organization of groups in the community. *Proc. Am. Ass. Ment. Defic.*, 1933, 57. Session, 224-48, 7 pl.—**Murchison, C.** The experimental measurement of a social hierarchy in *Gallus domesticus*; the identification and inferential measurement of social reflex No. 1 and social reflex No. 2 by means of social discrimination. *J. Social Psychol.*, 1935, 6: 3-30. — The experimental measurement of a social hierarchy in *Gallus domesticus*; the direct identification and direct measurement of social reflex No. 1 and social reflex No. 2. *J. Gen. Psychol.*, 1935, 12: 3-39. — Preliminary identification of social law. *Ibid.*, 13: 227-48. — Direct and inferential measurement of social reflex No. 3. *J. Genet. Psychol.*, 1935, 46: 76-102. — The time function in the experimental formation of social hierarchies of different sizes in *Gallus domesticus*. *J. Social Psychol.*, 1936, 7: 3-18.—**Nadel, S. F.** Social symbiosis and tribal organization. *Man*, Lond., 1938, 38: 85-90.—**Newcomb, J. T.** Social changes (1929-31). *Bull. George Washington Univ.*, 1931, 57-61.—**Ogburn, W. F.** Social trends. *Am. J. Sociol.*, 1939-40, 45: 756-69.—**Oloriz y Aguilera, F.** Sur la morphologie socialiste. *Bull. Soc. anthrop. Bruxelles*, 1912, 31: 150-63.—**Park, R. E.** Symbiosis and socialization; a frame of reference for the study of society. *Am. J. Sociol.*, 1939-40, 45: 1-25.—**Pearl, R.** Patterns for living together. *Collect. Papers Dep. Biol. Johns Hopkins*, 1939, 16: No. 1, 595-604.—**Radin, M.** Enemies of society. *J. Crim., Chic.*, 1936, 27: 328-56.—**Rogers, D. B.** Changing rural social organization in Ohio County, West Virginia. *Abstr. Theses Univ. Pittsburgh*, 1931, 7: 180-6.—**Ross, E. A.** Socialization. *Am. J. Sociol.*, 1918-19, 24: 652-71.—**Schilder, P.** The relation between social and personal disorganization. *Ibid.*, 1936-37, 42: 832-9.—**Schneider, J.** Social class, historical circumstances and fame. *Ibid.*, 1937-38, 43: 37-56.—**Schwarzbauer, F.** Die Statistik im Dienste betrieblicher Sozialpolitik. *Zbl. Gewerbehyg.*, 1937, n. F., 14: 102-5.—**Seligman, B. Z.** Martial gerontocracy in Africa. *J. R. Anthropol. Inst. Gr. Britain*, 1924, 54: 231-50.—**Sicard de Plauzoles.** L'avenir de l'espèce humaine; la surpopulation, c'est la guerre. *Prophyl. antivénér.*, Par., 1935, 7: 69-91.—**Steward, J. H.** The economic and social basis of primitive bands. In *Essays Anthropol.* A. L. Kroeber, Berkeley, 1936, 331-50.—**Stoltenberg, H. L.** Die Formen der Vergesellschaftung im Tierreich. *Zool. Anz.*, 1920, 51: 113-9.—**Thurnwald, R.** Das Gesellschaftsleben der Naturvölker. In *Lehrb. Völkerk.* (R. Thurnwald) Stuttgart, 2. Aufl., 1939, 236-79.—**Uhrich, J.** The social hierarchy in albino mice. *J. Comp. Psychol.*, 1938, 25: 373-413.—**Ward, L. F.** Evolution of social structures. *Proc. Internat. Congr. Arts Sc.*, 1908, 10: 842-55.—**Waters, J. P. F.** Diseases of the social system. *Cath. M. Guard.*, Lond., 1938, 16: 127-31.—**Wright, H. W.** The basis of human association. *J. Philos.*, 1920, 17: 421-30.—**Zipf, G. K.** The generalized harmonic series as a fundamental principle of social organization. *Psychol. Rev.*, 1940, 4: 43.
- MESSNER, J.** Die soziale Frage. 5. Aufl. 720p. 24cm. Innsbr., 1938.
- PEARSON, K.** Questions of the Day and of the Fray. No. 5: Social problems: their treatment, past, present, and future. 40p. 8°. Lond., 1912.
- Keller, F. W.** Public relations in a small community. *Hosp. Topics*, 1939, 17: No. 2, 14.—**Morris, R. S.** Yesterday's guide-posts to present-day problems. *Proc. Milbank Mem. Fund*, 1937, 15: 93-102.—**Stevenson, J. J.** The social problem. *Pop. Sc. Month.*, 1911, 78: 258-67.
- **Psychological aspect.**
- See also Behavior; Crowd psychology; Folk lore; Intelligence; Morale; Morals, &c.
- BOGARDUS, E. S.** Essentials of social psychology. 159p. 12°. Los Ang. [1918]
- MILES, W. R.** Age and human society. p.596-682. 8°. Worcester, 1935.
- In *Handb. Social Psychol.* (Murchison, C.) Worcester, 1935.
- RICHARDSON, L. F.** Generalized foreign politics; a study in group psychology. 91p. 25½cm. Camb., 1939.
- SHERIF, M.** The psychology of the social norms. 209p. 8°. N. Y. [1936]
- Allport, F. H.** An event-system theory of collective action; with illustrations from economic and political phenomena and the production of war. *J. Social Psychol.*, 1940, 11: 417-45.—**Ansbacher, H.** Number judgment of postage stamps; a contribution to the psychology of social norms. *J. Psychol., Provincet.*, 1938, 5: 347-50.—**Asch, S. E.** Studies in the principles of judgments and attitudes; determination of judgments by group and by ego standards. *J. Social Psychol.*, 1940, 12: 433-65.—**Beaghtole, E.** Interpersonal theory and social psychology. *Psychiatry, Balt.*, 1941, 4: 61-77.—**Bernard, L. L.** The conflict between primary group attitudes and derivative group ideals in modern society. *Am. J. Sociol.*, 1935-36, 41: 611-23.—**Burrit, H. E., Bruce, R. H.** [et al.] Social facilitation in man and animals. *Psychol. Bull.*, 1937, 34: 738.—**Chase, H. W.** Psychology and social science. *Am. J. Psychol.*, 1917, 28: 216-28.—**Crawford, M. P.** The cooperative solving of problems by young chimpanzees. *Comp. Psychol. Monogr.*, 1937, 14: No. 2, 1-88.—**Ford, C. S.** Society, culture, and the human organism. *J. Gen. Psychol.*, 1939, 20: 135-79.—**Freedman, B.** Psycho-social repression and social rationalization; a preliminary formulation of Marxist psychoanalysis. *Am. J. Orthopsychiat.*, 1939, 9: 109-22.—**Group psychology and social policy.** *Brit. M. J.*, 1938, 2: 956.—**Gurnee, H., & Baker, E.** The social distances of some common social relationships. *J. Abnorm. Psychol.*, 1938, 33: 265-9.—**Hacker, E.** Soziale Kapillarität und Kriminalität. *Misch. Krim. Psychol.*, 1937, 28: 353-64.—**Hartwell, S. W.** Present crisis in social relationships. *Am. J. Psychiat.*, 1937, 94: 379-92.—**Hoche, A.** Geistige Wellenbewegungen. *Zschr. Völkerpsychol.*, 1927, 3: 1-17.—**Israeli, N.** Group predictions of future events. *J. Social Psychol.*, 1933, 4: 201-22.—**Jaensch, E. R.** Deutsche Wehrmachtpsychologie und deutsche Hochschulpsychologie. *Zschr. Psych. Physiol. Sinnesorg.*, 1. Abt., 1936, 138: 239-48.—**Kipiani, V.** La suggestion dans la vie sociale, d'après Bekhterev. *Rev. psychol. Brux.*, 1910, 3: 163-77.—**Lewin, K., Lippitt, R., & White, R. K.** Patterns of aggressive behavior in experimentally created social climates. *J. Social Psychol.*, 1939, 10: 271-99.—**MacDonald, A.** Die geistige Betätigung der Völker und antisoziale Erscheinungen. *Arch. ges. Psychol.*, 1915, 33: 292-308. Also repr.—**McDougal, W.** The will of the people. *Sociol. Rev.*, Lond., 1912, 5: 89-104.—**Maudry, M., & Nekula, M.** Social relations between children of the same age during the first 2 years of life. *J. Genet. Psychol.*, 1939, 54: 193-215.—**Menefee, S. C.** Stereotyped phrases and public opinion. *Am. J. Sociol.*, 1937-38, 43: 614-22.—**Neurath, O.** Soziologische Prognosen. *Kausalprobl. (Internat. Kongr. Einh. Wiss.)* Lpz. (1936) 1937, 2. Kongr., 398-405.—**Pace, C. R.** The relationship between liberalism and knowledge of current affairs. *J. Social Psychol.*, 1939, 10: 247-58.—**Philip, A. J.** Strangers and friends as competitors and co-operators. *J. Genet. Psychol.*, 1940, 57: 249-58.—**Psychology of international relations.** *Lancet*, Lond., 1937, 2: 173.—**Rashevsky, N.** Studies in mathematical theory of human relations. *Psychometrika*, Chic., 1939, 4: 283-99.—**Rosenzweig, E. M.** Minister and congregation; a study in ambivalence. *Psychonanal. Rev.*, 1941, 28: 218-27.—**Sierra, A. M.** La estructura psicológica de las masas. *Día méd.*, B. Air., 1937, 9: 398.—**Sims, V. M.** Factors influencing attitude toward the TVA. *J. Abnorm. Psychol.*, 1938, 33: 34-56.—**Small, A. W.** Evolution of sociological consciousness in the United States. *Am. J. Sociol.*, 1921-22, 27: 226-31. — The Scholler-Treitschke controversy; illustrating the psychology of transition. *Ibid.*, 1924-25, 30: 49-86.—**Speer, E.** Ueber Kontaktpsychologie. *Zschr. ges. Neur. Psychiat.*, 1937, 158: 409-13.—**Stone, S.** The Miller delusion; a comparative study in mass psychology. *Am. J. Psychiat.*, 1934-35, 91: 593-623.—**Takébé, T.** On the psychic factors in the motive causes of society. *C. rend. Congr. internat. psychol.* (1900) 1901, 4. Congr., 761.—**Thorndike, R. L.** Note on the reliability of differences in experiments on

Problems.

BOSSARD, J. H. S. Social change and social problems. *Rev. ed.* 823p. 21½cm. N. Y. [1938]

group effects. *J. Abnorm. Psychol.*, 1937, 32: 480. — The effect of discussion upon the correctness of group decisions, when the factor of majority influence is allowed for. *J. Social Psychol.*, 1938, 9: 343-62. — **Thurnwald, R. C.** Sozialpsychische Abläufe im Völkerleben. In *Essays Anthropol.* A. L. Kroeber, Berkeley, 1936, 383-90. — **Geistesverfassung der Naturvölker.** In *Lehrb. Völkerk.* (R. Thurnwald) Stuttgart, 2. Aufl., 1939, 45-56. — **Wagner, H. L.** Sind seelische Beeinflussungen wissenschaftlich erfassbar und praktisch verwertbar? *Imago*, Wien, 1926, 12: 500-12. — **Wallis, W. D.** Individual initiative and social compulsion. *Am. Anthropol.*, 1915, 17: 647-65. — **Williams, R. H.** The method of understanding as applied to the problem of suffering. *J. Abnorm. Psychol.*, 1940, 35: 367-85, pl.

— Psychological aspect: Research methods.

Brown, J. F. Psychology and the social order; an introduction to the dynamic study of social fields. 529p. 8° N. Y., 1936.

Allport, F. H. Occupational and societal roles studied with relation to the human behavior pattern. *Psychol. Bull.*, 1938, 35: 693. — **Alpert, H.** Emile Durkheim and sociologism psychology. *Am. J. Sociol.*, 1938-39, 45: 64-70. — **Bechterew, W.** La psychologie sociale considérée comme une science objective. *Rev. psychol.*, Brux., 1911, 4: 301-13. — **Britt, S. H.** Social psychologists or psychological sociologists— which? *J. Abnorm. Psychol.*, 1937, 32: 314-8. — **Cook, S. W., & Welch, A. C.** Methods of measuring the practical effect of polls of public opinion. *J. Appl. Psychol.*, 1940, 24: 441-54. — **Dunlap, K.** The method and problems of social psychology. *Psychol. Rev.*, 1940, 47: 471-85. — **Foley, J. P., jr.** The scientific psychology of individual and group differences. *J. Social Psychol.*, 1938, 9: 375-7. — **Gesemann, G.** Soziologische und psychologische Zusammenhänge in der Sagenforschung. *Zschr. Völkerpsychol.*, 1928, 4: 19-43. — **Hartmann, G. W.** The differential validity of items in a liberalism-conservatism test. *J. Social Psychol.*, 1938, 9: 67-78. — **Herring, M. J.** [On mass psychology]. *Ned. tscr. geneesk.*, 1939, 83: 2920-5. — **Heidbreder, E.** William McDougall and social psychology. *J. Abnorm. Psychol.*, 1939, 34: 150-60. — **Hertz, M. R.** The popular response factor in the Rorschach scoring. *J. Psychol.*, Provincet., 1938, 6: 3-31. — **Hofstätter, P. R.** Ueber die Schätzung von Gruppeneigenschaften. *Zschr. Psychol. Physiol. Sinnesorg.*, 1. Abt., 1939, 145: 1-44. — **Kantor, J. R.** The current situation in social psychology. *Psychol. Bull.*, 1939, 36: 307-60. — **Katz, D., & Cantril, H.** An analysis of attitudes toward Fascism and Communism. *J. Abnorm. Psychol.*, 1940, 35: 356-66. — **Kluckhohn, F. R.** The participant-observer technique in small communities. *Am. J. Sociol.*, 1940-41, 46: 331-43. — **Lasswell, H. D.** Political psychiatry: the study and practice of integrative politics. In *Ment. Health* (Am. Ass. Advance. Sc.) Lancaster, 1939, 269-75. — **Lezarsfeld, P. F., & Robinson, W. S.** Measurement problems: the quantification of case studies. *J. Appl. Psychol.*, 1940, 24: 817-25. — **Levy, H.** Mathew Arnold und die volkscharakterologische Erkenntnis. *Zschr. Völkerpsychol.*, 1929, 5: 303-25. — **Müller-Freienfels, R.** Studies in the social psychology of science. *J. Social Psychol.*, 1933, 4: 26-41. — **Murphy, G.** The research task of social psychology. *Ibid.*, 1939, 10: 107-20. — **Oeser, O. A.** Methods and assumptions of field work in social psychology. *Brit. J. Psychol.*, 1936-37, 27: 343-63. — **Ponzo, M., & Banisconi, F.** Valeur psychodiagnostique de quelques expériences sur les temps de réaction collectifs. *C. rend. Conf. internat. psychotechn.* (1934) 1935, 8. Conf., 697. — **Rashevsky, N.** Studies in mathematical theory of human relations. *Psychometrika*, Chic., 1939, 4: 221; 1940, 5: 203. — Outline of a mathematical theory of individual freedom. *Ibid.*, 299-303. — Note on the mathematical theory of interaction of social classes. *Ibid.*, 1941, 6: 43-7. — **Reuter, E. B.** Some observations on the status of social psychology. *Am. J. Sociol.*, 1940-41, 46: 293-304. — **Schmidt, P. W.** Wundts Völkerpsychologie; die Gesellschaft. *Mitt. Anthropol. Ges. Wien*, 1921, 51: 1-24. — **Smoke, K. L.** The present status of social psychology in America. *Psychol. Rev.*, 1935, 42: 537-43. — **Sullivan, H. S.** A note on the implications of psychiatry, the study of interpersonal relations, for investigations in the social sciences. *Am. J. Sociol.*, 1936-37, 42: 848-61. — **Telford, C. W.** An experimental study of some factors influencing the social attitudes of college students. *J. Social Psychol.*, 1934, 5: 421-8. — **Washburn, R. W.** A scheme for grading the reactions of children in a new social situation. *J. Genet. Psychol.*, 1932, 40: 84-99. — **Wulff Rasmussen, E.** Social facilitation; an experimental investigation with albino rats. *Acta psychol.*, Hague, 1939, 4: 275-94.

— Relation of individual to the group.

See also Behavior, social; Criminal; Delinquent; Gregariousness; Inferiority complex; Leadership; Personality, &c.

Boodin, J. E. The existence of social minds. p.130-89. 8° N. Y., 1939.

In his *Social Mind*. N. Y., 1939.

Breslaw, B. J. The development of a socio-economic attitude. 96p. 8° N. Y., 1938.

Hart, H. N. A test of social attitudes and interests. 40p. 8° Iowa City, 1923.

Stamp, J. C. The science of social adjustment. 174p. 8° Lond., 1937.

Wells, F. L. Social maladjustments: adaptive regressions. p.845-915. 8° Worcester, 1935.

In *Handb. Social Psychol.* (Murchison, C.) Worcester, 1935.

Allport, G. W. Attitudes. In *Handb. Social Psychol.* (Murchison, C.) Worcester, 1935, 798-844. — **Andrees, I.** Untersuchungen über eine asoziale Sippe. *Oeff. Gesundheitsdienst*, 1939-40, 5: A, 81-101. — **Bain, R.** Cultural integration and social conflict. *Am. J. Sociol.*, 1938-39, 44: 499-509. — **Barbour, R. F.** Social maladjustment. In *Surv. Child Psychiat.* (R. G. Gordon) Lond., 1939, 177-86. — **Baumgarten, F.** Die Partnerschaft als grundlegendes Problem der Charakterologie. *Acta psychol.*, Hague, 1940, 5: 53-62. — **Beaglehole, E.** Notes on the theory of interpersonal relations. *Psychiatry*, Balt., 1940, 3: 511-26. — **Bender, L.** The case of a child with antisocial tendencies. *J. Nerv. Ment. Dis.*, 1937, 85: 445-56. — **Bianchi, L.** La socialità (studio sperimentale). *Riv. psicol.*, 1917, 13: 313-33. — **Bishop, R.** Points of neutrality in social attitudes of delinquents and non-delinquents. *Psychometrika*, Chic., 1940, 5: 35-45. — **Blacker, C. P.** A social problem group? *Ment. Welf.*, Lond., 1937, 18: 65-70. — **Brown, F.** Social maturity and stability of non-delinquents, proto-delinquents, and delinquents. *Am. J. Orthopsychiat.*, 1938, 8: 214-9. — **Brown, T. E.** The relationship between surface temperature and social traits in young children. *J. Genet. Psychol.*, 1939, 55: 401-13. — **Brunner, E. DeS.** The social scene and personal adjustment. *Occupations*, 1939, 17: 581-5. — **Burns, C. L. C.** Family maladjustments. In *Surv. Child Psychiat.* (R. G. Gordon) Lond., 1939, 153-65. — **Burrow, T.** The law of the organism: a neuro-social approach to the problems of human behavior. *Am. J. Sociol.*, 1936-37, 42: 814-24. — **Cardwell, M. G.** The physical and environmental basis for a social behaviour. *Med. Leg. Crim. Rev.*, Lond., 1940, 8: 38-48. — **Chapman, D. W., & Volkmann, J.** A social determinant of the level of aspiration. *J. Abnorm. Psychol.*, 1939, 34: 225-38. — **Clothier, F.** The social development of the young child. *Child Develop.*, 1938, 9: 285-91. — **Davis, K.** Extreme social isolation of a child. *Am. J. Sociol.*, 1939-40, 45: 554-65. — **Dixon, R. A.** A study of social attitudes. *Abstr. Theses Univ. Pittsburgh*, 1930, 6: 255. — **Dodge, A. F.** Social dominance and sales personality. *J. Appl. Psychol.*, 1938, 22: 132-9. — **Doob, L. W.** Some factors determining change in attitude. *J. Abnorm. Psychol.*, 1940, 35: 549-65. — **Dunham, H. W.** Topical summaries of current literature social attitudes. *Am. J. Sociol.*, 1940-41, 46: 344-75. — **Fay, P. J., & Middleton, W. C.** Certain factors related to liberal and conservative attitudes of college students; father's occupation: a study of home town. *J. Social Psychol.*, 1940, 11: 91-105. — **Ferguson, L. W.** Primary social attitudes. *J. Psychol.*, Provincet., 1938, 8: 217-23. — **Forel, A.** The social value of a man. *Soc. Hyg.*, 1919, 5: 14. — **French, T. M.** Social conflict and psychic conflict. *Am. J. Sociol.*, 1938-39, 44: 922-31. — **Fritzsch, L.** Ueber psychische Sättigung. *Mtschr. Psychiat.*, 1937-38, 97: 291-320. — **Gibbons, C. C., & Porter, J. P.** Some aspects of social adaptability among adolescents. *J. Appl. Psychol.*, 1939, 23: 508-20. — **Gilbert-Robin.** Les réactions anti-sociales des adolescents et les préjugés éducatifs et médicaux. *Rev. gén. clin. thér.*, 1938, 52: 181. — **Graham, J. L.** Some attitudes toward values. *J. Social Psychol.*, 1940, 12: 405-14. — The influence of general predispositions on specific attitudes. *Ibid.*, 415-22. — The nature of attitude distributions and their relation to social adjustments. *Ibid.*, 423-9. — **Grewel, F.** Das dissoziale Kind. *Psychiat. neur. bl.*, Amst., 1937, 41: 471-504. — **Gross, A. A.** The manners and morals of adjustment. *Ment. Hyg.*, Alb., 1939, 23: 445-55. — **Halbwachs, M.** Individual consciousness and collective mind. *Am. J. Sociol.*, 1938-39, 44: 812-22. — **Harms, E.** Paranoid tendencies in social behavior. *J. Abnorm. Psychol.*, 1937, 32: 431-8. — **Harris, A. J.** **Reimers, H. H., & Ellison, C. E.** The relation between liberal and conservative attitudes in college students, and other factors. *J. Social Psychol.*, 1932, 3: 320-36. — **Holsapple, J. Q.** Personality, intelligence and socialization. *Proc. Am. Ass. Ment. Defic.*, 1937, 61. Meet., 101-6. — **Husband, R. W.** Cooperative versus solitary problem solution. *J. Social Psychol.*, 1940, 11: 405-9. — **Jenny, W. A.** Popularity and personality in the summer camp; a study of group acceptance of the individual and the concomitant behavior of boys 9 to 19. *Abstr. Theses Univ. Pittsburgh*, 1932, 8: 133-40. — **Kässbacher, M.** Erbanlage und Umwelt; Bericht über eine asoziale Familie. *Zschr. ärztl. Fortbild.*, 1935, 32: 45-8. — **Kahn, E.** Adjustment and its limits. *Am. J. Psychiat.*, 1937-38, 94: 1277-90. — **Knorr, W.** Grundsätzliche Bemerkungen zum Asozialen-Problem. In *Kultur & Rasse* (Hesch-Spannaus) Berl., 1939, 122-30. — **Krenberger, S.** Der Wilde von Aveyron vor den Beobachtern des Menschen mit einem wiedergefundenen Bericht von Philippe Pinel. *Eos*, Wien, 1918, 14: 1-34. — **Kuhn, H. J., Schall, R., & Knoll, E.** Grundfragen der sozialen Entwicklung in Kindheit und Jugend. *Zschr. pädag. Psychol.*, 1934, 35: 266; 307. — **Lehman, H. C., & Anderson, T. H.** Social participation versus solitariness in play. *Pedag. Semin.*, Worcester, 1927, 34: 279-89. — **Linton, R.** Culture, society, and the individual. *J. Abnorm. Psychol.*, 1938, 33: 425-36. — **McBride, J. H.** The relation of the individual to the social organism. *Bull. Am. Acad. M.*, 1910, 11: 595-608. — **McKinney, F.** Concomitants of adjustment and maladjustment in college students. *J. Abnorm. Psychol.*, 1936-37, 31: 435-57. — **Maher, E. A.** Moral and social development of the 6-year-old child. *Pedag. Semin.*, Worcester, 1924,

31: 268-75.—Meltzer, H. Talkativeness about, in relation to knowledge of, social concepts in children. *Ibid.*, 1926, 33: 497-507.—Meyering, H. R. Behavior problems encountered in a camping situation. *Ment. Hyg.*, 1937, 21: 623-30.—Miles, C. C. Intelligence and social adjustment. *Ibid.*, 1938, 22: 544-66.—Myerson, A. The social conditioning of the visceral activities. *N. England J. M.*, 1934, 211: 189-93.—Nelson, E. Attitudes; social attitudes. *J. Gen. Psychol.*, 1939, 21: 401-16.—Nelson Pires. Estudo de um tipo de cidade, o malandro. *Neurobiologia, Recife*, 1938, 1: 47-59.—Nissen, H. W., & Crawford, M. P. A preliminary study of food-sharing behavior in young chimpanzees. *J. Comp. Psychol.*, 1936, 22: 383-419.—O'Rourke, L. J. An experiment in social behavior. *Psychol. Bull.*, 1939, 36: 554.—Portenier, L. G. Factors influencing the social adjustment of children of preschool age. *J. Genet. Psychol.*, 1937, 51: 127-39.—Röheim, G. Society and the individual. *Psychoanal. Q.*, 1940, 9: 526-45.—Rosander, A. C. Age and sex patterns of social attitudes. *J. Educ. Psychol.*, 1939, 30: 481-96.—Rubenstein, L. Personal attitudes of maladjusted boys; a study of self-judgments. *Arch. Psychol.*, N. Y., 1940, No. 250, 5-101.—Rubin, E. Bemerkungen über unser Wissen von anderen Menschen. *Kausalprobl. (Internat. Kongr. Einh. Wiss.)* Lpz. (1936) 1937, 2. Kongr., 392-7.—Schnitzer, von. Individuum und Gemeinschaft. *Fortsch. Med.*, 1925, 43: 390.—Schoen, M. Can we be socially intelligent? *Sc. Month.*, 1937, 45: 555-61.—Schröder, E. A. Beitrag zur Erfassung der Asozialen. *Off. Gesundheitsd.*, 1937-38, 3: A, 486-8.—Sinclair, W. J. H. The unfit. *Glasgow M. J.*, 1911, 75: 1-15.—Small, M. H. On some psychical relations of society and solitude. *Pedag. Semin.*, Worcester, 1900, 7: 13-69.—Spaier, A. Eléments et formes de la sociabilité instinctive (à propos d'un livre nouveau) *J. psychol. norm. path.*, Par., 1933, 30: 966-82.—Streeker, E. A. The man and the mob. *Ment. Hyg.*, Alb., 1940, 24: 529-51.—Sullivan, H. S. A note on formulating the relationship of the individual and the group. *Am. J. Sociol.*, 1938-39, 44: 932-7.—Thom, D. A., & Johnston, F. S. Environmental factors and their relation to social adjustment; a study of a group of well-adjusted children. *Ment. Hyg.*, Alb., 1939, 23: 379-413.—Weeks, A. D. The mind of the citizen. *Am. J. Sociol.*, 1915, 21: 145; 382; 591.—Wilson, F. T. Dominating-dominated social relationships. *J. Social Psychol.*, 1938, 9: 379-86.—Wirth, L. Social interaction; the problem of the individual and the group. *Am. J. Sociol.*, 1938-39, 44: 965-79.—Yerkes, R. M. Genetic aspects of grooming, a socially important primate behavior pattern. *J. Social Psychol.*, 1933, 44: 3-25.—Zingg, R. M. Feral man and extreme cases of isolation. *Am. J. Psychol.*, 1940, 53: 487-517.

— Relation of individual to the group: Measurement of attitude.

Baker, W. J., & McGregor, D. Conversation as a reflector of social change. *J. Social Psychol.*, 1937, 8: 487-90.—Beliaev, M. F. [Social impressions of children; application of case methods for examination] *Sborn. Irkutsk. gosud. univ.*, 1928, 15: 219-60.—Boss, M. Psychologische-charakterologische Untersuchungen bei antisozialen Psychopathen mit Hilfe des Rorschachschen Formdeutversuches. *Zschr. ges. Neur. Psychiat.*, 1931, 133: 544-75.—Bridges, K. M. B. Social behaviour rating scales for elementary school children. *Brit. J. Educ. Psychol.*, 1940, 10: 223-6.—Chapple, E. D. Measuring human relations; an introduction to the study of the interaction of individuals. *Genet. Psychol. Monogr.*, 1940, 22: 4-147.—Dennis, W. An experimental test of 2 theories of social smiling in infants. *J. Social Psychol.*, 1935, 6: 214-23.—Doll, E. A. Preliminary standardization of the Vineland social maturity scale. *Am. J. Orthopsychiat.*, 1936, 2: 283-93.—A practical method for the measurement of social competence. *Eugen. News*, 1936, 21: 75. Also *Eugen. Rev.*, Lond., 1937, 29: 197-200.—The inheritance of social competence. *J. Hered.*, 1937, 28: 153-65.—Dubitscher F. Sozialbiologische Beurteilung der Persönlichkeit. *Off. Gesundheitsd.*, 1938-39, 4: A, 906-13.—Ferguson, L. W. The measurement of primary social attitudes. *J. Psychol.*, Provincet., 1940, 10: 199-205.—Graves, E. A. A study of competitive and cooperative behavior by the short sample technique. *J. Abnorm. Psychol.*, 1937, 32: 343-51.—Hunt, T. The measurement of social intelligence. *Bull. George Washington Univ.*, 1931, 1925-28, summaries, 88-90.—Kirkpatrick, C., & Stone, S. Attitude measurement and the comparison of generations. *J. Appl. Psychol.*, 1935, 19: 564-82.—Lurie, L. A., Newburger, M. [et al.] Intelligence quotient and social quotient; diagnostic and prognostic significance of differences. *Am. J. Orthopsychiat.*, 1941, 11: 111-7.—Nelson, E. Attitudes; their nature and development; measurement; social attitudes. *J. Gen. Psychol.*, 1939, 21: 367-436.—Pace, C. R. A situations test to measure social-political-economic attitudes. *J. Social Psychol.*, 1939, 10: 331-44.—Stated behavior vs. stated opinions as indicators of social-political-economic attitudes. *Ibid.*, 1940, 11: 369-81.—Peters, I. L. A questionnaire study of some of the effects of social restrictions on the American girl. *Pedag. Semin.*, Worcester, 1916, 23: 550-69.—Schultz, R. S., & Roslow, S. Restandardization of the A-S reaction study as a personnel form. *J. Appl. Psychol.*, 1938, 22: 554-7.—Symonds, P. M. A social attitudes questionnaire. *J. Educ. Psychol.*, 1925, 16: 316-22.—Thorndike, R. L., & Stein, S. An evaluation of the attempts to measure social intelligence. *Psychol. Bull.*, 1937, 34: 275-85.—Thurstone, L. L. The measurement of change in social attitude. *J. Social Psychol.*, 1931, 2: 230-

5.—Wile, I. S., & Davis, R. M. Behavior differentials of children with IQ's 120 and above and IQ's 79 and below, with some reference to socio-economic status. *Am. J. Orthopsychiat.*, 1939, 9: 529-39.—Yepsen, L. N. The measurement of social behavior. *Proc. Am. Ass. Study Feeble-minded*, 1928, 52. Meet., 124-31.—Zeleny, L. D. Measurement of social status. *Am. J. Sociol.*, 1939-40, 45: 576-82.

— Social security.

See also under names of conditions endangering social security as **Age, old; Disability; Poverty; Unemployment; Widowhood, &c.**; also names of enemies of society as **Criminal; Delinquent; Prostitute, &c.**

Biagi, B. Prevenzione e previdenza. *Assist. sociale, Roma*, 1939, 13: No. 8, 43-7.—Greater security for aged workers and dependents. *Labor Inform. Bull.*, Wash., 1939, 6: No. 12, 6.—Lessons for national security can be learned from physiological balance. *Diplomate*, 1941, 13: 85.—Milizia e lavoro. *Assist. sociale, Roma*, 1938, 12: 105-7.—Randall, O. A. Old-age security at home. *Am. J. Nurs.*, 1937, 37: 488-93.—Ryan, J. A. Wage, hours, sanitation, safety. *Proc. Nat. Conf. Social Work*, 1923, 50: 103-9.—Simpson, V. E. A preview of economic security in Kentucky. *Kentucky M. J.*, 1935, 33: 453-63.—Tugwell, R. G. The problem of social insecurity. *Trained Nurse*, 1935, 94: 307-14.—Winant, J. G. Social security and world peace. *Proc. Milbank Mem. Fund*, 1937, 15: 86-92.

— Social security: Health aspects.

See **Group medicine**.

— Social security: Organization and insurance.

See also **Accidents, Compensation: Age, old, Sociological aspects; Crime, Prevention; Disability, Insurance; Disabled, Compensation; Industrial worker; Legal aid; Pension; Prison; Unemployment, Insurance; Workmen's compensation, &c.**

ARGENTINA. MINISTERIO DE RELACIONES EXTERIORES Y CULTO. Mensajes y proyecto de ley de asistencia y prevision social. 122p. 8°. B. Air., 1936.

COHEN, P. The British system of social insurance; a history and description of health insurance, widows' and orphans' pensions, old age pensions (contributory and non-contributory) unemployment insurance, workmen's compensation and industrial assurance. 278p. 8°. [Lond.] 1932.

DENMARK. STATISTISKE DEPARTEMENT. Ofentlig Forsorg og Aldersrente i Regnskabsaaret 1934-37. 3v. 23cm. Kbh., 1937-39.

ENGEL, H., & ECKERT, J. Die Sozialversicherung im Dritten Reich. [444]p. 8°. Berl., 1937.

— Die Sozialversicherung im Dritten Reich; Ergänzungsband [v. p.] 21cm. Berl., 1938.

KUSBER, W. *Die geschichtliche Entwicklung der deutschen Sozialversicherung [Freiburg] 47p. 8°. Lippstadt-Westf., 1933.

PORTUGAL. LIGA PORTUGUESA DE PROFILAXIA SOCIAL. Boletim. Porto, No. 1, 1929-

SCHMIDT, E. Sozialversicherung und öffentliche Fürsorge: die ideellen Grundlagen, das Beziehungsverhältnis, und die Gegenwartsfragen. 211p. 8°. Stuttg., 1932.

TRODE, E. Die Prüfung des Sozialversicherungsbeamten. Erster Teil: Die mündliche Prüfung. 9. Aufl. 338p. 18cm. Stuttg., 1938.

Alessandri, C., & Barbarieri, M. Previdenza ed assistenza per gli addetti ai servizi domestici. *Assist. sociale, Roma*, 1936, 10: 55-62.—Altmeyer, A. J. Statistical requirements of the Social Security Board for efficient administration. *J. Am. Statist. Ass.*, 1937, 32: 15-8 [Discussion] 32-4.—Andrews, J. B. Progress of social insurance in America. *Proc. Nat. Conf. Social Work*, 1930, 57: 258-65.—Angelini, F. Gli sviluppi della mutualità sindacale fascista. *Assist. sociale, Roma*, 1937, 11: 955-60.—Del Giudice, R., & Calamini, G. La riforma Mussoliniana della previdenza sociale. *Ibid.*, 1939, 13: 219-51.—Anzola, D. El seguro social obligatorio, institución máxima de asistencia social. *Bol. Min. san., Caracas*, 1938, 3: 1957-66.—Arenas, C. Il compito dell'assistenza sociale e dell'assicurazione familiare nella politica demografica. *Assist.*

- sociale, Roma, 1937, 11: 416-24.—**Arrêté** du 4 juillet 1936: sur les règles de fonctionnement de la Commission technique prévue par le décret du 28 octobre 1935 modifiant le régime des assurances sociales. Bull. Min. san. pub., Par., 1936, 339.—**Assicurazioni** (Le) sociali in Italia nel 1932; constatazioni e confronti con l'Estero. Rass. previd. sociale, 1933, 20: No. 8, 1.—**Attività** (L') dell'Istituto nazionale fascista della previdenza sociale nell'anno 1939 XVII-XVIII; la relazione del Presidente ecc. Lantini al Duce. Difesa sociale, 1940, 19: 860-78.—**Bakker**. Die zwischenstaatlichen Zusammenhänge in der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 17-27.—**Bevione**, G. Le assicurazioni popolari in Italia come integrazione volontaria delle forme previdenziali obbligatorie. Assist. sociale, Roma, 1937, 11: 153-8.—**La previdenza libera**. Ibid., 1939, 13: No. 8, 37-42.—**Beye**, W. Employee security and social standards in industry. Proc. Ass. Life Insur. Pres., 1938, 32: 55-65.—**Blasetti**, C. Il perfezionamento della previdenza sociale. Assist. sociale, Roma, 1936, 10: 256-74.—**Calhoon**, R. P. Social legislation of the Disraeli Ministry, 1874-79. Abstr. Theses Univ. Pittsburgh, 1932, 8: 411.—**Camanni**, V. Regime corporativo e previdenza sociale. Assist. sociale, Roma, 1936, 10: 580-7.—**Carrara**, M. La difesa sociale nel diritto privato. Arch. antrop. crim., Tor., 1924, 44: 1-26.—**La difesa sociale in azione**. Ibid., 1937, 57: 1-25.—**Cavagliano**, B. Le nuove norme per le assicurazioni sociali obbligatorie. Med. lavoro, 1939, 30: 137-43.—**Censi**, G. Osservazioni sulla riforma delle norme di previdenza sociale. Arch. antrop. crim., Tor., 1940, 60: 685-96.—**Chaves**, J. The Social security act and the merit system. Bol. As. méd. Puerto Rico, 1941, 33: 52-8.—**Circulaire** de la Direction de la comptabilité publique du 13 mai 1937, relative à la constatation dans les comptes des hospices des recettes effectuées au titre des assurés sociaux. Rev. philanthrop., Par., 1938, 54: 24.—**Clague**, E. Statistical and economic problems in the administration of social security. J. Am. Statist. Ass., 1937, 32: 509-16.—**The aging population and programs of security**. Milbank Mem. Fund Q. 1940, 18: 345-58.—**Congresso** (Il 1°) della previdenza sociale a Bologna. Difesa sociale, Roma, 1935, 14: 623-31.—**Coordinación** (La) de la previsión social en el continente. Reforma méd., Lima, 1940, 26: 19-23.—**Defoug**, G. La mise en vigueur du code de la famille; prime à la première naissance et allocations familiales. Gaz. méd. France, 1940, 47: 117.—**Del Giudice**, R. Le assicurazioni sociali sino alla riforma del Ventennale. Assist. sociale, Roma, 1940, 14: No. 5, Suppl., 1-68.—**Denicke**. Erfahrungen der Reichsversicherungsanstalt für Angestellte im Verkehr mit ausländischen Versicherungs-trägern. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 67-70.—**Deutsches Reich**. Bekanntmachung des Reichsarbeitsministers, betr. die neue Fassung des Reichs-versorgungsgesetzes, vom 1. April 1939. Reichsgesundtbl., 1939, 14: 423-6.—**Diaz-Velasco**, O., & **Torres**, I. Les assurances sociales di Chili. Atti Congr. internaz. teen. san., 1931, 2. Congr., 2: 433-42.—**Engel**. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 137-9.—**Engle**, L. The social security program. J. Am. Diet. Ass., 1938, 14: 431-5.—**Fix**. Anregungen zur Frage der zwischenstaatlichen Wanderversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 73.—**[France]** Décret portant modification du décret du 28 octobre 1935 sur le régime des assurances sociales applicable au commerce et à l'industrie. Rev. philanthrop., Par., 1938, 54: 582: 636.—**Giannini**, C. Le assicurazioni sociali in Italia. Atti Congr. internaz. teen. san., 1931, 2. Congr., 3: 219-32. Also In Conf. Univ. Pisa, 1934-35, 17-81.—**Giorgio**, H. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 133-6.—**Givens**, M. B. Statistical implications of the social security program. J. Am. Statist. Ass., 1935, 30: 651-61.—**Greely**, L. M. The changing attitude of the courts towards social legislation. Proc. Nat. Conf. Char., 1910, 37: 391-405.—**Griessmeyer**. Il nazional-socialismo e le assicurazioni sociali. Assist. sociale, Roma, 1938, 12: 961-9.—**Hohaus**, R. A. Actuarial problems in social insurance. J. Am. Statist. Ass., 1940, 35: 37-46.—**Kiniger**, B. Le assicurazioni sociali in Grecia. Assist. sociale, Roma, 1940, 14: 393-8.—**Koban**, H. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 127-32.—**Koch**, F. Die Mittelstandsversicherung. Münch. med. Wschr., 1927, 74: 1886-8.—**Korkisch**, H. **Tasner**, J., & **Kovrig**. B. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 114-9.—**Kovrig**, B. Planvolle Mechanisierung des Sozialversicherungsbetriebes. Ibid., 158-202.—**Kulp**, C. A. Statistics in social insurance. J. Am. Statist. Ass., 1935, 30: 221-6.—**Landi**, G. Gli orientamenti corporativi della previdenza sociale. Assist. sociale, Roma, 1937, 11: No. 8, Suppl., 1-39.—**Coordinamento ed unificazione** della previdenza sociale. Ibid. 1938, 12: 633-51.—**Loschiavo**, G. G. L'esperimento di Roosevelt. Ibid., 802-9.—**Luján**, M. La previsión social como obligación del estado. Bol. Of. san. panamer., 1940, 19: 1140.—**Lusignoli**, A. Le assicurazioni sociali in Austria. Assist. sociale, Roma, 1936, 10: 571-9.—**McCormack**, A. T. The report of the Committee on Social Security Program. Tr. Conf. State Terr. Health Off., 1939, 37: 123-43.—**Manfredi**, G. Le assicurazioni sociali in Francia. Assist. sociale, Roma, 1938, 12: 501-10.—**Montanari**, M. L'ordinamento della previdenza sociale nei territori dell' A. I. Ibid., 1939, 13: 618-32.—**Murphy**, R. D. Sale of annuities by governments. Proc. Ass. Life Insur. Pres., 1939, 33: 160-79.—**Newsholme**, A. The growth of social insurance in Great Britain. Proc. Inst. M. Chicago, 1926-27, 6: 133-48.—**New Zealand Social Security Act**, 1938. Month. Labor Rev., 1939, 48: 322-9.—**Operation** of French social-insurance system, 1935 and 1936. Ibid., 812-4.—**Ortiz**, R. M. La previsión social en Argentina. Bol. Of. san. panamer., 1938, 17: 1057-60.—**Pellegrini**, R. Problemi dell'assicurazione per l'invalidità e la vecchiaia. Assist. sociale, Roma, 1939, 13: 125-36.—**Prosperetti**, U. Gli orientamenti corporativi della previdenza sociale dal punto di vista giuridico. Ibid., 1938, 12: 785-92.—**Contrattazione collettiva e previdenza**. Ibid., 1939, 13: 785-92.—**Rascanu**, C. Betrachtungen über die Autonomie der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 211-8.—**Raecker**, B. Die Rückständigkeit der englischen Sozialgesetzgebung; Lohnpolitik; Unterernährung; anzureichernder Arbeitsschutz. Aerztebl. Hessen, 1939, 7: 434.—**Die Rückständigkeit der englischen Sozialversicherung; skandalöse Altersversorgung**. Ibid., 1940, 8: 61.—**Regio** (Il) decreto: legge sulle assicurazioni sociali. Assist. sociale, Roma, 1939, 13: 421-61.—**Richter**, L. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 143.—**Sasorski**, S. Die zwischenstaatlichen Zusammenhänge in der Sozialversicherung. Ibid., 39-73.—**Sieradzki**, W. [The idea of social insurance] Polska gaz. lek., 1937, 16: 409-11.—**Slocum**, F. L. The Social Security Act and the American family. Pub. Health Nurs., 1938, 30: 151-7.—**Smith**, W. C. The statistical data required in connection with the administration of the Social Security Board. Tr. Conf. State Terr. Health Off., 1939, 37: 40-7.—**Social security acts declared constitutional**. Month. Labor Rev., 1937, 45: 179-93.—**Sozialversicherung** (Ersatz- und Zuschusskassen der Rentenversicherung) Reichsgesundtbl., 1936, 11: 178: 943.—**Sozialversicherung** (Angestelltenversicherung, Schriftleiter-Angestellten der Presse) Ibid., 179.—**Steinbach**, F., **Clerici**, L. [et al.] Die Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 74-144.—**Steinwallner**. Zum gegenwärtigen Stande der faschistischen Sozialversicherung. Vertrauensarzt, 1938, 6: 196.—**Storck**. Volkstümlichkeit der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 140-2.—**Sumário** da obra realizada pela Liga Portuguesa de Profilaxia Social, 1924-31. Bol. Liga port. profil. social, 1929, 9: 1931, No. 2, 17.—**Szeibert**, J. Gedanken zur Rationalisierung der Verwaltung der Leistungen in der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2. Kongr., 203-10.—**Tornatore**, A. Le nuove provvidenze sociali del Regime. Atti Congr. internaz. teen. san., 1931, 2. Congr., 2: 521-6.—**Turchi**, R. Parallelo fra gli assegni familiari in Italia e all'estero. Assist. sociale, Roma, 1936, 10: 473-6.—**La previdenza sociale in regime fascista**. Ibid., 1938, 12: 793-801.—**Two dangerous constitutional amendments** on ballot at Nov. 7 election; their defeat by voters imperative. Ohio M. J., 1939, 35: 1108-10.—**Vampa**, D. Tutela del lavoratore; inchiesta in una città d'Italia sulle abitazioni della popolazione povera assistita. Difesa sociale, 1937, 16: 415-38.—**Verordnung** des Reichsarbeitsministers und des Reichsministers des Innern über die Einführung der Sozialversicherung im Lande Oesterreich. Reichsgesundtbl., 1939, 14: 126-8.—**Vintila**, G. D. [American social security] România med., 1939, 17: 227.—**Wagner** (The) bill—social insurance; an abstract of S. 1130, introduced in the U. S. Senate by Senator Wagner, New York, to alleviate the hazards of the old age, unemployment, illness, and dependency, to establish a Social Insurance Board in the Department of Labor, to raise revenue, and for other purposes. J. M. Soc. N. Jersey, 1935, 32: 106-8.—**Warner**, F. M. Social security program administered by State Board of Public Welfare in Arizona. Southwest M., 1937, 21: 58-60.—**Winant**, J. G. The Social Security Board. Labor Inform. Bull., Wash., 1936, 2: No. 3, 1-3.—**Work** of Social Security Board, 1937-38. Month. Labor Rev., 1939, 48: 544.—**Zahn**, F. Fünfzig Jahre deutsche Sozialversicherung. Allg. statist. Arch., 1932, 22: 1-17.—**Zeck**, H. F. Die französische Sozialgesetzgebung im Dienste der Bevölkerungspolitik. Veröff. Medverwalt., 1933-34, 41: 641-67.—**Zum Aufbau der Sozialversicherung**. Reichsgesundtbl., 1936, 11: 89-92.
- **Social security: Organization and insurance—Budgeting.**
- Armstrong**, F. W. Problems of exclusive state fund jurisdictions; round-table discussion. Bull. U. S. Labor Stand., 1935, No. 2, 48-69.—**Avantages** fiscaux accordés aux établissements effectuant des dépenses ou des investissements à caractère social. Rev. méd. sociale, Par., 1938, 6: 508-12.—**Di Salvatore**, O. Annualità su più teste con particolare riferimento alle annualità di famiglia. Assist. sociale, Roma, 1940, 14: 13-33.—**Dobbernack**, W. Die finanzielle Entwicklung der deutschen Sozialversicherung. Arch. sozial. Hyg., 1928, n. F., 3: 493: 596.—**Effect** of social charges upon costs of production in Belgium. Month. Labor Rev., 1932, 35: 858.—**Garneau**, G. Les allocations familiales ne sont pas une rémunération du travail. Rec. spéc. acid. trav., 1939, 39: 113-8.—**Hoey**, J. M. Aid to dependent children under the Social Security Act. Child, Wash., 1936, 1: No. 3, 3-6.—**Tax** returns due under the Social Security Act. J. Am. M. Ass., 1939, 112: 153.
- **Welfare.**
- See also under such terms as Age, old; Alcoholism; Charity; Child, foster; Child welfare; Delinquency; Family; Housing; Infant; Juvenile

Court; Legal aid; Poverty; Training school, &c.; also in 3. ser. **Welfare**, social.

ASISTENCIA. Méx., v.1, 1934-35.

ASSISTENZA (L') SOCIALE. Roma, v.8, 1934-

CHICAGO. UNIVERSITY OF CHICAGO. Social service monographs. 130p. 8°. Chic., 1937.

COOK, E. W. Betterment; individual, social, and industrial. 349p. 8°. N. Y. [1906]

COUSIN, M. M. M. *L'assistance publique dans le Blésois avant 1789. 182p. 8°. Par., 1936.

DUBOIS, F. A guide to statistics of social welfare in New York City. 313p. 8°. N. Y., 1930.

ILLINOIS, U. S. A. DEPARTMENT OF PUBLIC WELFARE. Annual report. Springf., v.23, 1940-

NEW YORK, U. S. A. DEPARTMENT OF SOCIAL WELFARE. Public assistance manual; welfare client resources. 113p. 8°. Alb. [1940]

NOPPEL, C. Einführung in die Caritas. 151p. 17½cm. Freib. i. B., 1938.

POPE, F. W. A social worker's notebook. 102p. 8°. [Bost., 1929]

SALOMON, A. Leitfaden der Wohlfahrtspflege. 2. Aufl. 178p. 8°. Lpz., 1923.

SCHNEIDER, D. M., & DEUTSCH, A. The road upward; 300 years of public welfare in New York State. 59p. 8°. Alb. [1939]

VOLKSWOHLFAHRT. Berl., v.11-13, 1903-32.

WELFARE ADVOCATE. Manila, v.1, 1927-

WELFARE MAGAZINE. Pontiac, Ill. v.17-19, 1926-29.

WHITE, R. C. Administration of public welfare. 527p. 23cm. N. Y., 1940.

WICKWAR, W. H., & WICKWAR, K. M. B. The social services; a historical survey. 268p. 8°. Lond. [1936]

Acuña, P. S. Los espíritus filantrópicos. In his Un rimero d. verd., 2. ed., B. Air., 1938, 59-61.—Albrecht, G. Ein vergessenes sozialpolitisches Dokument. Soziale Prax., 1926, 35: 701-3.—Bruno, F. J. Social-work objectives in the new era; presidential address. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 3-19.—Cabot, R. C. Treatment in social case work and the need of criteria and of tests of its success or failure. Ibid., 1931, 58. Meet., 3-24. Also Hosp. Social Serv., 1931, 24: 435-53.—Coyle, D. C. Necessary changes in public opinion in the new social order. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 29-42.—Creative thought and social service. Nature, Lond., 1935, 135: 485-7.—Dolinski, E. [The principles and development of social assistance] Polska gaz. lek., 1938, 17: 614-8.—Fernández Verano, A. ¿Asistencia o imprevisión? Sem. méd., B. Air., 1934, 41: 996-8.—Fresno, M. L. de. Social welfare in Chile. Bull. Panamer. Union, 1941, 85: 180-2.—González M., J. Dos años de labor en la Beneficencia. Asistencia, Méx., 1934-35, 1: No. 2, 19-27.—Hutchings, M. T. History of welfare. Pacific Coast J. Nurs., 1934, 30: 201-3.—Jayle, F. La suppression de la protection des déchets sociaux. Presse méd., 1938, 46: 725.—Jensen, H. E. Social work and racial degeneration. Proc. Nat. Conf. Social Work, 1928, 55. Meet., 16-35.—Kasten, A. Ein Beitrag zur Statistik der sozialen Fürsorge. Arch. sozial Hyg., 1928, n. F., 3: 32; 145.—Kellogg, A. L. What educational psychology can contribute to case work with the normal family. Proc. Nat. Conf. Social Work, 1918, 45. Meet., 329-34.—Koshland, D. E. The business man looks at social work and the professional social worker. Hosp. Social Serv., 1933, 28: 367-73.—Maister, M. Social welfare as a public problem from the housing and nutrition aspect. S. Afr. M. J., 1940, 14: 7-11.—Malusardi, E. Origini del patronato. Assist. sociale, Roma, 1935, 9: 231-4.—Odum, H. W. Public welfare activities. In U. S. Presid. Res. Comm. Social Trends Rep., N. Y., 1933, 1224-73.—Parrel de. Une oeuvre de sauvetage humain. Rev. philanthrop., Par., 1937, 53: 617-27.—Paulsen, J. Die Züchtung des risikolosen Massenmenschen durch die soziale Fürsorge in Deutschland. Arch. Rassenb., 1928-29, 21: 393-415.—Plan (A) for the current reporting of social statistics. Social Statist., Alb., 1940, Suppl. 3, 3-6.—Pringle, J. C. Citizenship and charity. J. State M., Lond., 1934, 42: 125-32.—Scott, J. A. The dysgenic effect of the social services. Pub. Health, Lond., 1934, 47: 380-5.—Somers, H. M. Adequacy of data in the field of public aid. J. Am. Statist. Ass., 1941, n. ser., 36: 81-90.—Southard, E. E. The kingdom of evil: advantages of an orderly approach in social case analysis. Proc. Nat. Conf. Social Work, 1918, 45. Meet., 335-40. — The individual versus the family as the unit of interest in social work. Ment. Hyg., Concord, 1919, 3: 436-44.—Thompson, W. S. Outstanding population trends affecting problems of social welfare. Milbank Mem. Fund Q., 1940, 18: 189-97.—Troconis, T. de. Una charla sobre trabajo

social. Bol. educ. san., Caracas, 1940, 3: No. 61, 5-7; 14.—Weiler, K. Antisoziale Wirkungen der sozialen Fürsorge. Münch. med. Wschr., 1927, 74: 159-61.—White, H. C. Activity in the case-work relationship. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 280; 288.—Williams, A. W. Social work in the Southwest. Ibid., 534-41.—Woodruff, C. R. The present status of the public service. Am. J. Sociol., 1921-22, 27: 705-20.—Wulfeck, W. H. A new application of survey techniques to the study of public attitudes toward contributing to social agencies. J. Appl. Psychol., 1939, 23: 723-32.

— Welfare: Health aspects.

See under **Group medicine**, **Social service**.

— Welfare: Organization.

WINSLOW, E. A. Trends in different types of public and private relief in urban areas, 1929-35. 143p. 8°. Wash., 1937.

WISNER, E. Public welfare administration in Louisiana. 239p. 8°. Chic. [1930]

Adie, D. C. A state handles its public welfare problems. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 516-33.—

Amberg, J. H. Centralizing the administration of private social work. Ibid., 447-55.—Bowen, A. L. Humanitarian arm of state government. Welf. Bull., Springf., 1939, 30: No. 6, 1; 6.—Carpenter, G. B. Denmark and social welfare. Crippled Child, 1940-41, 18: 75.—Changes in local health, welfare set-ups and coroner system suggested by commission on county government. Ohio M. J., 1935, 31: 138-43.—

Copp, O. An administrative ideal in public welfare work. Am. J. Insan., 1919-20, 76: 1-14.—Delahousse. L'union nationale des bureaux de bienfaisance et la réforme des bureaux de bienfaisance. Rev. philanthrop., Par., 1938, 54: 283-93.—

Farnell, F. J. State welfare vs county welfare. J. Nerv. Ment. Dis., 1932, 76: 128-32.—Fouan, M. Modifications apportées à la législation de l'assistance par les décrets-lois du 30 octobre 1935. Rev. philanthrop., Par., 1937, 53: 65-80.—

Fraenkel, M. Eine neue soziale Fürsorge, Ausstellungsgebiet. Umschau, 1926, 35: 592-7.—Fritsch, Y. La polyvalence. Rev. méd. sociale, Par., 1938, 6: 139-43.—Gain. Les assistantes sociales spécialisées. Ibid., 144.—

Gauguery, M. L'assistance en France; ses origines et son évolution; ses formes et son organisation actuelle; son action sociale dans les temps modernes. Rev. philanthrop., Par., 1938, 54: 113; 171.—

Goldstein, J. J. The function of the courts in a community social welfare program. Proc. Nat. Conf. Soc. Work, 1933, 60. Meet., 126-35.—

Goldwater, S. S. Conference of the Council on Community Relations and Administrative Practice with the officers of community chests, public welfare agencies and representatives of hospital councils and associations. Tr. Am. Hosp. Ass., 1933, 35: 27-51.—

Guild, A. A. Social planning on a neighborhood basis. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 478-80.—

Gundel, M. Ueber die Bedeutung der Familie für den Erfolg öffentlicher und privater Fürsorgebestrebungen. Münch. med. Wschr., 1928, 75: 1926-8.—

Hiscock, I. V. The job of chests and councils in 1938; how services can be strengthened. Contr. Dep. Pub. Health Yale, 1937-39, 16: No. 12, 1-4.—

Johnson, L. J. The case worker looks at legislative planning. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 652-9.—

Karner, F. Aufbau der Wohlfahrtspflege der Stadt Wien. Seuchenbekämpfung, 1928, 5: 11.—

Klein, P. Adapting programs of social welfare to a changing population. Milbank Mem. Fund Q., 1940, 18: 393-402.—

LaDu, B. L. Co-ordination of state and local units for welfare administration. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 494-505.—

Lessona. L'assistenza sociale nell'impero. Assist. sociale, Roma, 1937, 11: 45-55.—

Lima, A. A. Acção social catholica. Arch. med. leg. ident., Rio, 1938, No. 15, 183-96.—

Mandel, A. Government economies and social work. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 456-64.—

Mandillo, E. I servizi sociali in Inghilterra. Assist. sociale, Roma, 1938, 12: 1093-112.—

Miller, J. The function of courts in a community social welfare program. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 115-25.—

Moriya, S. Social work in Japan. Welf. Mag., Pontiac, 1927, 18: 466-72.—

Neuhaus. Zur Frage der Allgemeinfürsorge oder Spezialfürsorge auf dem Lande. Zschr. Schulgesundh., 1929, 42: 42-4.—

Nutt, A. S. Social-service functions in children's and family courts. Child. Wash., 1940, 5: 141-7.—

Osborn, F. Population trends and programs of social welfare. Proc. Milbank Mem. Fund, 1940, 18: 54-68 [Discussion]—

Other social services; children in foster care; state training schools; private homes for the aged; population of public homes. Social Statist., Alb., 1940, 4: 26.—

Pariset, J. Le Comité français de service social, ses buts nouveaux; l'orientation et la coordination des efforts du service social en France. Rev. méd. sociale, Par., 1938, 6: 49-56.—

Pergolesi, F. L'assistenza sociale nelle costituzioni contemporanee. Assist. sociale, Roma, 1940, 14: 97-9.—

Pfeifer, H. Fürsorgerechtsreform. Zschr. Kinderschutz, 1933, 25: 91-3.—

Planiol-Trélat. Les permanences d'entraide sociale et la coordination, 1920-1938. Rev. philanthrop., Par., 1938, 54: 621-9.—

Platner, M. M. Social service in institutions. Annual Rep. Illinois Dep. Pub. Welf., 1940, 23: 227-30.—

Potter, E. C. County public welfare. Proc. Nat. Conf. Social Work, 1932, 59. Meet., 450-8. — Co-ordination of state and local units for welfare administration. Ibid., 1933, 60. Meet., 481-93.—

Public assistance and allied programs. Social Statist., Alb., 1939, 2: Nos. 4-6, 4; 3: No. 2, 5; 1940, 4: 7.—**Read, C. F.** A century's development of public welfare work and projects, 1840-1940. Illinois M. J., 1940, 77: 439-42.—**Rodríguez, G.** La asistencia pública de París; organización de su administración general. Sem. méd., B. Air., 1935, 42: pt 2, 276-80.—**Rondel, G.** L'évolution administrative de l'assistance. Rev. philanthrop., Par., 1937, 53: 121-3.—**Sarraz-Bournet.** La surveillance des établissements de bienfaisance privée; application de la loi du 14 janvier 1933. Ibid., 1938, 54: 57-71.—**Schneider, D. M.** The place of research in the long-time planning of a state program for public welfare. J. Am. Statist. Ass., 1939, 34: 674-82.—**Schroeder, P. L.** Development of professional work: 1917-33. Annual Rep. Illinois Dep. Pub. Welf., 1940, 23: 692-8.—**Staffa, V.** Neugestaltung der Wohlfahrtspflege. Zschr. Kinderschutz, 1938, 30: 17-9.—**Tapia, J. M.** La asistencia social como función del estado. Asistencia, Méx., 1934-35, 1: No. 4, 6-8.—**Ulman, J. N.** Law as a creative force in social welfare. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 314-25.—**Verordnung des Reichsministers des Innern** über die Einführung fürsorgerechter Vorschriften in den sudetendeutschen Gebieten. Reichsgesundtbl., 1939, 14: 151.—**Watkins, J. K.** The function of a police department in a community social welfare program. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 107-14.—**Zimmerman, E.** Social service program for veterans' children. Annual Rep. Illinois Dep. Pub. Welf., 1940, 23: 265-8.

— Welfare: Organization: Agencies and institutions.

BALTIMORE, MARYLAND. DEPARTMENT OF PUBLIC WELFARE. Annual report. Baltimore, 1, 1935-

DIRECTORY OF SOCIAL AGENCIES OF THE CITY OF NEW YORK. 39. ed. 852p. 16° N. Y., 1932.

FRANCE. STATISTIQUE GÉNÉRALE DE LA FRANCE. Statistique annuelle des institutions d'assistance. Par., 1910-33.

FRENCH, W. J., & SMITH, G. The Commonwealth Fund activities in Austria, 1923-1929. 131p. 4° N. Y., 1929.

FRY'S ROYAL GUIDE TO THE LONDON CHARITIES. 12° Lond., v.6-28, 1868-91.

ILLINOIS, U. S. A. DEPARTMENT OF PUBLIC WELFARE. Annual reports. Springfield, 1935. 1922-

LIVELY, C. E. Some rural social agencies; a study of trends, 1921-31. 42p. 8° Wooster, Ohio, 1933.

MASSACHUSETTS, U. S. A. DEPARTMENT OF PUBLIC WELFARE. Annual report. Bost., 1920-

NEW YORK, U. S. A. STATE BOARD OF SOCIAL WELFARE. Annual report. Alb., 70: 1935-36.

— Social welfare in New York State. Albany, 1937-39.

NEW YORK, U. S. A. STATE DEPARTMENT OF SOCIAL WELFARE. Social statistics. Alb., v.1-4, 1938-40.

— Social welfare bulletin. Albany, v.6-8, 1935-37.

— Study of medical needs of recipient of old age assistance in New York City in 1934. 79p. 8° Alb., 1937.

— The road upward; 300 years of public welfare in New York; by D. M. Schneider and A. Deutsch. 59p. 8° Alb. [1939]

NOVA SCOTIA, CANADA. INSPECTOR OF HUMANE INSTITUTIONS. Report. Halifax, 1923-24.

QUARTERLY; representing the Minnesota educational, philanthropic, correctional and penal institutions. S. Paul, v.32-34, 1933-35.

RICHMOND, VA. DEPARTMENT OF PUBLIC WELFARE. Annual report. Richm., 1935. 1871-

ROSENWALD FUND. Review for the two year period, 1931-33. 8° Chic., 1928-35.

— Review of 2 decades, 1917-36. 55p. 8° Chic. [1937]

ST PAUL. BOARD OF PUBLIC WELFARE. Annual report. St. Paul, 1920-1939.

UNITED STATES. WORKS PROGRESS ADMINISTRATION. Report on the works program. 106p. 4° Wash., 1936.

Bt. Die Tätigkeit des Landes-Wohlfahrts- und Jugendamts Berlin 1933-34. Berl. Wirtschaftsber., 1936, 13: 53-5.—**Castendyck, E.** The Advisory Committee on Social Questions of the League of Nations. Child, Wash., 1939, 4: 101-4.—**Cros-Mayrevieille, G.** Le Conseil supérieur de l'assistance publique et son oeuvre cinquantenaire. Rev. philanthrop., Par., 1938, 54: 227-36.—**Decreto** relativo a los Institutos especiales de asistencia social. Rev. san., Caracas, 1940, 5: No. 2, 275.—**Domingo, P.** El Servicio de asistencia social. Rev. méd. Barcelona, 1934, 21: 63-72.—**Doucède, A.** Les œuvres sociales des Chambres syndicales du Bâtiment et des Travaux publics de Paris. Rev. philanthrop., Par., 1928, 49: 164-76.—**Madia, T.** Il privato patrocinio nell'assistenza sociale. Assist. sociale, Roma, 1937, 11: 3-16.—**Malaret, P. S.** Our public welfare institutions. Puerto Rico Health Bull., 1938, 2: 59-68.—**Mitchell, E.** The history and development of the Girls' Service Club. Abstr. Theses Univ. Pittsburgh, 1938, 14: 444.—**New welfare department [Japan]** J. Am. M. Ass., 1938, 110: 828.—**Oficinas (Las)** de la beneficencia pública. Asistencia, Méx., 1934-35, 1: No. 4, 37-42.—**Paula Ferreira, T. de.** Subsídios para a história da assistência social em São Paulo; obras sociais no Império. Rev. Arq. mun., S. Paulo, 1939-40, 6: No. 67, 5-76.—**Private** charitable organizations. Annual Rep. Massachusetts Dep. Pub. Welf., 1934, 72-129.—**Rabnow.** Aufgaben der städtischen Fürsorgestellen. Deut. med. Wschr., 1927, 53: 1313.—**Shapiro, C. H.** The Jewish family welfare association of Pittsburgh, Pennsylvania. Abstr. Theses Univ. Pittsburgh, 1933, 9: 606.—**Sur le fonctionnement des services d'assistance** en 1936. Rev. philanthrop., Par., 1937, 53: 405-13.—**Une** statistique de l'assistance publique locale de Strasbourg. Annuaire statist., Strasb., 1933, 18-20.

— Welfare: Organization: Personnel [Social worker]

NATIONAL CONFERENCE OF SOCIAL WORK. Columbus, Ohio, Proceedings. 44-60. Meet., 1917-1933.

Beerensson, A. Zehn Jahre Deutscher Verband der Sozialbeamten. Zschr. Schulgesundh., 1926, 39: 497-9.—**Bernays, M.** Ueber die praktische Ausbildung der Schülerinnen der Wohlfahrtsschulen. Ibid., 1928, 41: 113-7.—**Borders, K.** Social workers and a new social order. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 590-6.—**Bray-Cordemans, L. de.** Programa de estudios minimum de una escuela de servicio social. Bol. Inst. protecc. inf., Montev., 1935-36, 9: 337-51.—**Buchholz, E.** Why go to a school of social work? Social Welf. Bull., 1936, 7: Nos. 9-10, 5; 10.—**Burnett, A. H., & Burnett, A. H.** National Conference of Social Work, Kansas City, 1918. Pub. Health J., Toronto, 1918, 9: 324-31.—**Cannon, A.** Recent changes in the philosophy of social workers. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 597-607.—**Congrès (Le 2^e)** national des auxiliaires sociaux de Belgique. Arch. méd. sociale, Brux., 1939, 2: 1000-3.—**Convegno (Il)** dei dirigenti del patronato nazionale per l'assistenza sociale. Assist. sociale, Roma, 1937, 11: 679-85.—**Davis, J.** The consumers' and the producers' cooperative movement and the social workers. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 408-17.—**Deutsch-Oesterreichische (Die)** Tagung für Volkswohlfahrt (abgehalten zu Wien am 12. und 13. März 1916) Zschr. Kinderschutz, 1916, 8: 94-106.—**Hurlin, R. G.** The number and distribution of social workers in the United States. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 608-18.—**Lartigue, J.** Ouverture de l'école nationale nord-africaine d'assistantes sociales. Bull. san. Algérie, 1940, 35: 464-7.—**Lee, E. B.** Personnel aspects of social work in Pittsburgh. Abstr. Theses Univ. Pittsburgh, 1931, 7: 410.—**Liveright, A. F.** Possibilities of volunteer service in public agencies. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 439-46.—**National (The)** conference of social work, Washington, D. C., May 16-23. Mother & Child, 1923, 4: 174-6.—**Romero, L. T. de.** The Social Service School of the Charity Board. Bull. Panamer. Union, 1941, 85: 182-6.—**Third International Conference of Social Work**, London, July 12th to 18th 1936. Month. Bull. League Red Cross Soc., 1936, 17: No. 9, 145-7.—**Weber, J. J.** The health of social workers. Survey, 1916-17, 37: 305.—**Woodson, C. G.** Social welfare, and religious workers. In his Negro profess. man, Wash., 1934, 291-301.

GROUP health service.

See Group medicine.

GROUP hospitalization.

See Group medicine, Hospital service.

GROUP insurance.

See also **Industrial worker; Life insurance; Workmen's compensation.**

Broughton, L. C. S. Industrial life assurance. Tr. Med. Leg. Soc., Lond., 1908-9, 6: 39-49.—**Grosvenor, F. L.** Group insurance, its medical aspects. Abstr. Proc. Ass. Life Insur. M. Dir. America, 1920-21, 7: 167-84.—**Group** life insurance in Japan. Month. Labor Rev., 1938, 47: 761.—**Industrial** group insurance in 1933. In Handb. Lab. Statist. (Parker, F. E.) Wash., 1936, 377-9.—**Memelsdorff.** Gemeinden als Träger der Unfallversicherung. Soziale Prax., 1928, 37: 410-5.—**Wolfrtmann** Kammerbeitragszuschläge und Gruppenversicherungsprämien 1941. Aerztebl. Hessen, 1940, 8: 372.

GROUP marriage.

See also **Family; Marriage.**

Howitt, A. W. On group-marriage in Australian tribes. Rep. Brit. Ass. Advance Sc., 1904, Lond., 1905, 709.—**Thomas, N. W.** Group marriage. Folk-Lore, Lond., 1905, 15: 466; 472; 16: 99. ——— Dr Howitt's defence of group-marriage. Folk-Lore, Lond., 1906, 17: 294-307.

GROUP medical care.

See **Group medicine.**

GROUP medicine.

Including the literature related to the care for the health of social groups; see also **Group, Diseases; Group, Health;** also under names referring to special groups as **Industrial worker; Maternity; School child; Unemployment; Veteran.** For medical practice by groups of physicians see **Group practice.** See also in the 3. ser. **Hygiene, social; Medicine, social.**

AERZTLICHE MONATSSCHRIFT; Zeitschrift für soziale Gesetzgebung und Verwaltung und für das Gesundheitswesen in Heer, Marine und Polizei. Berl., 1898-1929.

ARCHIVES DE MÉDECINE SOCIALE ET D'HYGIÈNE ET REVUE DE PATHOLOGIE ET DE PHYSIOLOGIE DU TRAVAIL. Brux., v.1, 1938—

DEJEST, L. H. Répertoire d'hygiène et de médecine sociale. 231p. 8°. Par., 1923.

FOSTER, W. T. Doctors, dollars, and disease. 32p. 21½cm. [N. Y.] 1940.

GEFFEN, D. H., & BROWN, L. F. Public health and social services. 128p. 19cm. Lond. [1940]

JOSEPHSON, E. M. Your life is their toy; rackets—social service and medical. 449p. 24cm. N. Y. [1940]

NEW YORK. AMERICAN FOUNDATION. American medicine; expert opinion out of court. 2v. 1435p. (pag. consec.) 8°. N. Y. [1937]

PENDE, N. Dalla medicina alla sociologia. 75p. 8°. Palermo [1921]

Austin, J. F. Medical care for all. Hygiea, Chic., 1940, 18: 493-6.—**Barker, L. F.** Gruppendiagnose und Gruppen-therapie. Wien. med. Wschr., 1927, 77: 115-7.—**Bender, J.** Fürsorge und Völkerpsychologie. Westdeut. Aerzte Ztg., 1922, 13: 163; 187; 212.—**Brown, R.** We believe in group medicine. Survey, 1934, 23: 595; 630.—**Carranza y Trujillo, R.** La medicina como un Servicio social. Rev. méd., Puebla, 1939, 12: No. 111, 6-18.—**Cary, E. H.** Medical service for the nation. N. York State J. M., 1933, 33: 623-7.—**Churchill, S.** A medical service for all. Med. Off., Lond., 1927, 37: 177-80.—**Coffman, L. D.** Medicine and public service. Surg. Gyn. Obst., 1935, 60: 446-9, portr.—**Daniel, A.** [Social welfare and medicine] România med., 1930, 8: 277-9.—**Elliot, F. E.** The philosophy of medical service and its present-day applications. J. M. Soc. N. Jersey, 1934, 31: 476-8.—**Evans, G.** Ideals of medical service. S. Barth. Hosp. J., 1935-36, 43: 171-5.—**G. B. I.** Individual versus group medical care. Sc. Month., 1941, 52: 289.—**Galdston, I.** The oecos—the demos—and medicine. N. York State J. M., 1933, 33: 915-8.—**Geier, O. P.** Adequate medical service of the future. J. Am. M. Ass., 1917, 69: 1041-5.—**Goldwater, S. S.** The care of the sick in a modern community. Med. Rec., N. Y., 1917, 91: 877.—**Gutiérrez, A.** Unicum sum. Riv. Soc. ital. igiene, 1930, 62: 49-52.—**Harper, C. A.** Medical service. Wisconsin M. J., 1927, 26: 433-5.—**Ingle, E. W.** Opportunities for better service. S. Afr. M. J., 1937, 11: 538-41.—**Krohne.** Offene Krankenfürsorge. In Soc. Kult. & Volkwohl. Kaiser Wilhelm II, Berl., 1913, 2: 379-89.—**Legros, G. V.** Le charlatanisme

et la médecine sociale. Presse méd., 1937, 45: 1159.—**Lüttichau, M.** [Social aid] Ugeskr. læger, 1934, 96: 1264-6.—**Mezzotti, L., & Carmona, F. H.** Medicina y colectividad. Labor méd., Méx., 1937, 5: 103-6.—**Moore, H. H.** Health and medical practice. In U. S. Presid. Res. Comm. Soc. Trends Rep., N. Y., 1933, 1061-113.—**Nix, E. D.** Healing the sick. Hygiea, Chic., 1939, 17: 977-80.—**Northcutt, J. D.** Social trends in medicine. Kentucky M. J., 1936, 34: 193-200.—**Peters, J. P.** Medicine and the public. N. England J. M., 1939, 220: 504-10.—**Pitts, E. H.** Social medicine. Bull. Off. Pract., 1935-36, 9: 9-12.—**Porto Carrero, J.** Medicina publica. Arq. Inst. med. leg., Rio, 1931, No. 3, 49-56.—**Trionfo (II)** della Medicina Sociale attraverso il formidabile discorso di Benito Mussolini. Med. sociale, Nap., 1927, 17: No. 6, 5-7.—**Tropeano, G.** Alcune premesse di medicina sociale. Ibid., 1935, 25: No. 1-2, 7-24.—**Van Etten, N. B.** Medical service for all Americans. Minnesota M., 1937, 20: 411-7.—**Ward, G.** The future of medical service. Brit. M. J., 1917, 1: 86-90.—**Worl, E. E.** Progress in state medicine and hygiene. Tr. M. Soc. N. Jersey, 1902, 230-5.

Budgeting.

See also subheadings **Cost; Sickness insurance; Socialization; State medicine.**

MOORE, H. H. American medicine and the people's health; an outline with statistical data on the organization of medicine in the United States, with special reference to the adjustment of medical service to social and economic change. 647p. 8°. N. Y., 1927.

MOUNTIN, J. W. Study of health and hospital service, Alameda County, California. 92p. 23cm. Oakland, 1930.

Additional information regarding Michigan Medical Service. Med. Soc. Rep., Scranton, 1939, 33: No. 10, 13.—**American (The)** Foundation proposals for medical care. J. Am. M. Ass., 1937, 109: 1280.—**Bowers, W. P.** Plans for budgeting the costs of medical care. N. England J. M., 1940, 223: 388-90.—**Brown, M. W.** American experimentation in meeting medical needs by voluntary action. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 507-15.—**Butler, A. M.** Our private medical services. Harvard M. Alumni Bull., 1938-39, 13: 61-6.—**Columbus** Town Meeting speakers discuss ways to provide adequate medical care for all; talks are broadcast. Ohio M. J., 1940, 36: 198-203.—**Cooperatives** and medical service. J. Am. M. Ass., 1937, 108: 108B-9B.—**Critchlow, G. R.** Western New York Medical Plan, Inc. Ibid., 1940, 115: 1461-3.—**Davis, M. M.** Trends and programs in medical care. N. England J. M., 1933, 208: 892-7.—**Experiments** in medical economics. Hosp. Topics, 1937, 15: No. 12, 14-6.—**Frothingham, C.** How can the individual or family secure the best of medical care and pay for it? N. England J. M., 1934, 21: 357-64. ——— A constructive program of medical care for the low-income group. Ibid., 1939, 220: 733-6.—**Garrett, R.** The way out of economic chaos. J. Canad. Dent. Ass., 1936, 2: 170-2.—**Gibson, R. R.** Third party practice for indigent and low-income groups. J. Colorado Dent. Ass., 1935, 14: 16-22.—**Graves, J. H.** Complete medical and surgical service with hospitalization, when necessary, for people of moderate means. Bull. Am. Hosp. Ass., 1933, 7: 30-3.—**Greeley, H. P.** A medical program for private enterprise and cooperative community organization. Boston M. & S. J., 1927, 196: 731-3.—**Gulick, L.** The Dowagiac community plan. Michigan Pub. Health, 1939, 27: 49-52.—**Harkness, G. F.** Group organization. J. Iowa M. Soc., 1935, 25: 281.—**Henricke, S. G.** A new deal in the relationship of the physician to organizations dispensing free or part-pay medical service. Northwest M., 1933, 32: 493-5.—**Hospital** service plans and medical service plans. J. Tennessee M. Ass., 1940, 33: 444.—**Hundley, J., jr.** A plan for relieving the burden of medical costs. Virginia M. Month., 1939, 66: 516-8.—**Jones, J. P.** Cooperative medical services in Wilcox County. J. M. Ass. Alabama, 1939-40, 9: 186-92.—**Kelly, R. W.** Group medical service plans; recent developments on the Pacific Coast. Indust. M., 1934, 3: 17-20.—**Leland, R. G.** Some trends in medical economics. California West. M., 1933, 38: 348-52.—**Littlefield, J. B.** A plan for medical care of low income groups. Southwest M., 1935, 19: 148.—**Lyon, E. P.** Controlled vs uncontrolled medical service: comparison and contrast. J. Lancet, 1934, 54: 453-5.—**Marten, E. T.** Meeting the cost of illness. Trained Nurse, 1933, 90: 164-67.—**Martin, J. M.** Gloucestershire scheme of medical services. Brit. M. J., 1930, 1: Suppl., 37.—**Medical** care plan abandoned in Washington. J. Am. M. Ass., 1938, 111: 1855.—**Medical** Expense Fund of New York, Inc. Ibid., 1940, 115: 1645.—**Medical** service corporations. N. England J. M., 1941, 224: 123.—**Medical** service for the middle class. S. Afr. M. J., 1941, 15: 81.—**Methods** for securing control that are particularly directed to surgery. In Am. Med. (Am. Found.) N. Y., 1937, 1: 515-51.—**Michigan (The)** plan. Week. Roster, Phila., 1934, 29: 1155-61.—**Michigan** Medical Service. J. Am. M. Ass., 1940, 115: 1463.—**New** wrinkle. Minnesota M., 1940, 23: 876.—**O'Hern, J. F.** The trend in the care of the sick. N. York State J. M., 1931, 31: 330-3.—**O'Neil, D. C.** A plan of medical service for the industrial worker and his family. J. Am. M. Ass., 1928, 91: 1416-518. Also repr.—**Osborne, O. T.** Some one must pay;

will it be you? *Med. Rec.*, N. Y., 1937, 145: 195.—**Packard, R. K.** Health insurance and other plans for solution of medical economic ills. *Illinois M. J.*, 1935, 68: 413-8.—**Pew, J. H.** Planned economies and the medical profession. *Week. Roster, Phila.*, 1939-40, 35: 1489-97. Also *J. Ass. Am. M. Coll.*, 1940, 15: 365-71. Also *J. Tennessee M. Ass.*, 1940, 33: 255-60. Also *Memphis M. J.*, 1940, 15: 171-5.—**Plans** for group medical care. *Med. Times*, N. Y., 1936, 64: 46; 50.—**Porter, W. B.** Alternative solutions proposed for medico-economic problems. *Virginia M. Month.*, 1937-38, 64: 392-5.—**Publicity** for co-operatives. *J. Am. M. Ass.*, 1938, 110: 514.—**Routley, T. C.** Canadian experiments in medical economies. *Fed. Bull., Chic.*, 1939, 25: 196-213. Also *Canad. M. Ass. J.*, 1939, 40: 599-605. Also *J. Am. M. Ass.*, 1939, 112: 1161-6.—**Sandweiss, D. J.** The cost of rendering medical service to the middle class; a proposed clinic for individuals of moderate means. *Med. J. & Rec.*, 1933, 138: 6. *Open Forum*, 7; No. 7, 7; No. 8, 15. Also repr.—**Saunders, G. C.** The Multinomial Medical Service Bureau. *Washington Univ. M. Alumni Q.*, 1940, 3: 195-9.—**Shuford, M. F.** An experiment in capitalistic medicine. *South. M. & S.*, 1939, 101: 69-72.—**Suggested** outline for course in medical economics. *J. Am. M. Ass.*, 1937, 108: Suppl., 41-3.—**Swanish, P. T.** Implications of planned economic control for medicine. *Fed. Bull., Chic.*, 1934, 20: 264-9.—**Vohs, C. F.** A medical plan for all the people. *Hospitals*, 1939, 13: No. 4, 31-5.—**Ward, E.** Provident schemes for middle and professional classes. *Lancet*, Lond., 1936, 2: 254.—**What** system of medical care should we have? *Week. Roster, Phila.*, 1937-38, 33: 635-43.—**Wilbur, R. L.** Organized medical care; its relation to persons of low income. *California West. M.*, 1932, 36: 233. — Making medical care available to the average American. *Hospitals*, 1940, 14: No. 7, 13-5.—**Winslow, C. E. A.** Medical care for the underprivileged. *Connecticut M. J.*, 1941, 5: 7-9.—**Wright, H. G.** Organization and coordination of service bureaus. *Northwest M.*, 1933, 32: 403-6.—**Zimmerman, R. R.** Developments in group health plans for wage earners. *Trained Nurse*, 1938, 101: 423-7.

Budgeting: Corporation plans.

See also subheading Organization—in corporations.

Health service plan of municipal employees of San Francisco; opinion of the Supreme Court of the State of California. *California West. M.*, 1938, 49: 302-6.—**Medical** service of Chicago Truck Drivers' and Chauffeurs' Union. *Month. Labor Rev.*, Wash., 1934, 38: 544-9.—**Medical** services; municipality's right to provide health service system for employees [California] *J. Am. M. Ass.*, 1939, 113: 534.—**Pollard, D. W.** Report of the City Employees Service. *Annual Rep. Minneapolis Gen. Hosp.*, 1933, 3: 291-3.

Budgeting: Philanthropic and relief plans.

See also Charity.

AMERICAN MEDICAL ASSOCIATION. BUREAU OF MEDICAL ECONOMICS. Care of the indigent sick. 2. ed. 123p. 8°. *Chic.* [1936?]

ESSEX COUNTY MEDICAL ECONOMIC RESEARCH, WINDSOR, ONTARIO. Medical relief administration; the experience in Essex County, Ontario. 55p. 8°. [Ann Arb., 1937]

Abuse of free medical care in Parisian public hospitals. *J. Am. M. Ass.*, 1937, 109: 144; 885.—**Agnew, G. H.** Comparison of governmental methods; governmental methods of providing care for the indigent sick in Canada as compared to the rendition of this similar service in the United States. *Bull. Am. Hosp. Ass.*, 1935, 9: 69-76.—**Amezua, J. B.** La beneficencia pública en el distrito federal y la Asociación nacional de hospitales. In [México] Asamblea nacional de cirujanos. Lo paraquitrágico, 1935, 41-6.—**Annual** report of the National Association for Supplying Medical Aid by Women to the Women of India, Countess of Dufferin's Fund including the women's medical service, for the year 1939. *Ind. M. Gaz.*, 1940, 75: 574.—**Appelbaum, S. J.** Medical and hospital care for dependent families; a government problem as met in the City of Rochester, N. Y. *J. Am. M. Ass.*, 1936, 107: 1565-8.

— How the medically indigent are cared for in Rochester, N. Y. *Hosp. Management*, 1939, 48: No. 2, 20.—**Ayres, J. C.** Medical care of the indigent. *Memphis M. J.*, 1935, 10: 13.—**Bean, F. J.** Cornhuskers combine education and sound plan for care of the indigent. *Hosp. Management*, 1939, 48: 27-9.—**Beardey, E. J. G.** The value of the intelligent direction of the sick poor: a story of the Star Centre Association of Philadelphia. *Ther. Gaz.*, Dett., 1911, 3. ser., 27: 400-3.—**Beaver County (The)** plan for medical care of the indigent. *Pennsylvania M. J.*, 1935-36, 39: 629.—**Behrend, M.** A survey of state emergency medical relief during its first year of operation as seen by the physician. *Ibid.*, 1934-35, 38: 508-10.—**Berman, P.** Care of indigent sick by the San Fernando plan. *California West. M.*, 1935, 42: 16-20.—**Black, B. W.** Alameda County Institutions Commission takes full charge of all indigent sick. *Ibid.*, 1932, 37: 330.—**Blackshear, S. M.** The altruism of organized medicine. *N. Orleans M. & S. J.*, 1926-27, 79: 797-800.—**Bluestone, E. M.** Chronic disease; a problem in philanthropy. *Bull. Am. Hosp. Ass.*, 1935, 9: 55-64.—**Branton, A. F.** Care of the indigent; methods and plan of

operation. *Minnesota M.*, 1933, 16: 219-21.—**Brown, R. O.** Trends in the care of indigent sick. *Southwest M.*, 1936, 20: 447.—**Brownell, H., jr.** Medical care and hospitalization of the indigent sick. *Bull. N. York Acad. M.*, 1935, 11: 29-37.—**Bruinsma, G. W.** Geneesheer, belast met de armenpractijk en geneetgenootskundig. *Med. wbl., Amst.*, 1905-6, 12: 365-8.—**Buck, J. V.** To provide adequate service to the indigent patient. *Bull. Am. Coll. Surg.*, 1936, 21: 31.—**Buyers, E. S.** Medical service to paupers; in contradistinction to those on emergency relief. *Pennsylvania M. J.*, 1934, 37: 365-70.—**Chase, L. A.** Payment for medical services to indigents in Regina. *Canad. M. Ass. J.*, 1935, 33: 319.—**Clark, W. T.** Medical program of the Wisconsin Emergency Relief Administration. *Wisconsin M. J.*, 1936, 35: 565-8.—**Cleere, R. L.** Trends in care of indigent sick by public agencies. *Southwest M.*, 1936, 20: 449-51.—**Committee** on Medical Economics of the Chicago Medical Society; report of a study of the abuse of free medical service in outpatient practice. *Q. Phi Beta Pi M. Fratern., Menasha*, 1936, 32: [184].—**Compensation** of physicians; liability of county for nonemergency medical services to indigent [Oklahoma] *J. Am. M. Ass.*, 1939, 112: 362.—**Cook, J. E.** Care of the non-hospital indigent. *J. Missouri M. Ass.*, 1938, 35: 7-9.—**Crownhart, J. G.** Federal emergency relief. *Minnesota M.*, 1934, 17: 695-8.—**Darling, J. C.** Some observations on public health and the poor law medical service. *Tr. Ulster M. Soc.*, 1923-26, 53-60.—**Davis, H. J.** Where relief includes medical care. *Survey*, 1933, 63: 155.—**De Courcy, J. L.** State medical care of the indigent a menace to patient and doctor. *J. Med., Cincinnati*, 1938-39, 19: 26.—**Direct** relief funds, including sums for medical care, cut as FERA prepares to taper off financial aid and Works Progress program gets under way. *Ohio M. J.*, 1935, 31: 699.—**Doane, J. C.** Payment for care of indigent patients by the responsible political divisions. *Tr. Am. Hosp. Ass.*, 1932, 34: 167-74.—**Extension** of medical service to the indigent. *J. Am. M. Ass.*, 1937, 108: 209.—**Fallon, J. H.** Charity: business or Christian virtue? *Hosp. Progr.*, 1934, 15: 344.—**Federal** emergency relief. *J. Missouri M. Ass.*, 1934, 31: 35.—**Federal (The)** Resettlement Administration and medical relief. *Bull. Am. M. Ass.*, 1936, 31: 141.—**Fleming, J. M.** Medical poor relief in Indiana. *J. Indiana M. Ass.*, 1932, 25: 493-6.—**Franks, H.** Medical care for homeless persons. *Med. Off., Lond.*, 1940, 64: 167.—**Free** medical service by physicians [New York City] *J. Am. M. Ass.*, 1937, 109: Suppl., 8.—**Freeman, A. H.** Some thoughts on the economics of the charity problem. *J. Florida M. Ass.*, 1933, 19: 378-80.—**Gammill, L. C.** State aids indigents. *Mod. Hosp.*, 1938, 50: No. 2, 55.—**Gibson, E. L.** Medical care of Coffee County Farm Security Administration clients. *J. M. Ass. Alabama*, 1938-39, 8: 428-30.—**Hampton, B. C.** The medical care program for Farm Security Administration borrowers. *Health Off., Wash.*, 1939, 4: 287-92.—**Haslip, G. E.** The State, the poor, and our profession. *Brit. M. J.*, 1912, 2: 53-7.—**Heinrich, E.** [Modern organization of treatment of the poor] *Orv. hetil.*, 1940, 84: 676-9.—**Hollander, J. P.** The F. S. A. adopts a half million patients. *Med. Econom.*, 1938-39, 16: No. 3, 31-4.—**Huffman, L. F.** Medical and nursing care of indigents. *Bull. Acad. M. Cleveland*, 1939, 23: No. 12, 15.—**Illinois** committee on medical benevolence. *J. Am. M. Ass.*, 1940, 115: 621.—**Illinois** State Medical Society Committee on medical benevolence. *Illinois M. J.*, 1940, 78: 474-6.—**Increased** fee schedule for medical care to the needy announced by the State Relief Commission; council actions summarized. *Ohio M. J.*, 1934, 30: 242-4.—**Jackson, A. C.** What should organized medicine do about the medically indigent? *Mississippi Doctor*, 1939-40, 17: 273-7.—**Kelly, H. T.** Medical charity and the clinic. *Westchester M. Bull.*, 1933, 1: No. 5, 1; 6.—**Kingsley, S. C.** Compensation in ease of sickness, accident and death from the point of view of what a relief society would consider adequate. *Proc. Nat. Conf. Charity*, 1910, 37: 404-40.—**Larson, G. B.** Medical relief. *Minnesota M.*, 1934, 17: 681.—**Laverty, G. L.** The medical fate of Pennsylvania's unemployed after January 1, 1936. *Pennsylvania M. J.*, 1935-36, 39: 234.—**Odenatt, W. B.** [et al.] Progress in payment to physicians for medical services to beneficiaries of unemployment relief. *Ibid.*, 1934, 37: 339. Also *Pittsburg M. Bull.*, 1933, 22: 849.—**Leadbetter, G. W.** Care of the indigent sick in the State of Maine. *Hospitals*, 1938, 12: No. 11, 39-41. Also *Maine M. J.*, 1938, 29: 203-5.—**Leffell, J. S.** Some observations on the medical care of the indigent. *J. Indiana M. Ass.*, 1941, 34: 42.—**Leland, R. G.** Allocation of Federal funds to states. *J. Am. M. Ass.*, 1940, 114: 1084.—**López Rovirosa, G.** Asistencia social a los ancianos pobres. *Arch. Hosp., Habana*, 1940, 11: 303-7.—**Lorance, B. F.** Federal funds for physicians rendering services to the indigent. *Nebraska M. J.*, 1934, 19: 325-9.—**Loveland, F. L.** Indigent medical care. *J. Kansas M. Soc.*, 1935, 36: 339.—**Lurie, H. L.** Federal aid for indigent. *Mod. Hosp.*, 1939, 52: No. 5, 67.—**Marshall, C. B.** Township medical aid for the indigent. *J. Indiana M. Ass.*, 1935, 28: 394-400.—**Médecins (Les)** et le chômage; la Commission médicale du chômage; province d'Ontario; province de Québec. *Union méd. Canada*, 1935, 54: 808-18.—**Medical** care services in co-operation with the Farm Security Administration. *J. M. Ass. Alabama*, 1939-40, 9: 184.—**Medical** and hospital bills totaling \$620,197 paid by W. P. A. in Ohio; important regulations re-emphasized. *Ohio M. J.*, 1939, 35: 551.—**Medical (The)** care of public assistance recipients. *Week. Roster, Phila.*, 1938-39, 34: 1393-5.—**Medical** care of the indigent in the District of Columbia. *J. Am. M. Ass.*, 1935, 104: 927.—**Medical** care for indigent in Pennsylvania. *Ibid.*, 1941, 116: 312.—**Medical** care provided

in the home to recipients of unemployment relief. *J. Florida M. Ass.*, 1934-35, 21: 299-304.—**Medical relief report** for month of March, 1940. *Week. Roster, Phila.*, 1939-40, 35: 1541.—**Miller, H. A.** Emergency medical relief in Pennsylvania. *Pennsylvania M. J.*, 1934, 37: 688; 1935, 38: 347; 510.—**Moorhead, E. S.** The new medical relief plan in Winnipeg. *Canad. M. Ass. J.*, 1934, 30: 434-6.—**Navarro, S. M.** Como desarrolla la beneficencia pública su función social. In [México] Asamblea nacional de cirujanos. Lo paraquirúrgico. 1935, 27-40.—**New plan** contemplates payment monthly of medical bills under state relief administration program for financial revision. *Ohio M. J.*, 1934, 30: 448-50.—**New system** for care of indigent proposed at Governor's budget hearing by State Medical Society; opposed by Dr Bardeen. *Wisconsin M. J.*, 1933, 32: 47-64.—**Ney, K. W.** Recording and recognition of charitable services rendered by the medical profession. *J. Am. Inst. Homeop.*, 1936, 29: 659-63.—**O'Hara, G. P.** The care of the indigent. *Hosp. Progr.*, 1940, 21: 242.—**O'Malley, M. T.** Review of medical relief in Lackawanna County; September 1938 to March 1940. *Med. Soc. Rep., Scranton*, 1940, 34: No. 6, 13-5.—**Parker, R. L.** Care of the indigent sick by medical society contract. *Am. M. Ass. Bull.*, 1930, 25: 210-9.—**Petit, G.** Assistance et bienfaisance. *Arch. méd. chir. province*, 1937, 27: 215.—**Philadelphia (The) County Medical Society**; rules and regulations to govern a program of medical relief for Philadelphia County. *Week. Roster, Phila.*, 1937, 33: 9-16.—**Physicians share in relief funds.** *J. Am. M. Ass.*, 1941, 116: 511.—**Plan (A)** for financing the complete medical care of indigent citizens by the Federal Government; adopted by the House of delegates of the Tennessee State Medical Association. *J. Tennessee M. Ass.*, 1938, 31: 404-12.—**Plan for medical care of relief clients.** *Bull. Acad. M. Cleveland*, 1939, 23: No. 10, 15.—**Recognition of the physician's contribution to charity.** *Dallas M. J.*, 1937, 23: 14-8.—**Report of a study of the abuse of free medical service in outpatient practice.** *Bull. Am. M. Ass.*, 1935, 30: 106.—**Resettlement administration** guarantees funds for medical care. *J. Am. M. Ass.*, 1937, 108: Suppl., 55.—**Ricard.** Poor patients in hospital wards. *Hospitals*, 1938, 12: No. 10, 49.—**Riggin, I. C.** Federal, state, county and municipal relations to medicine and care of the indigent sick. *Virginia M. Month.*, 1934-35, 61: 571-3.—**Roloff, B. C.** Is medical relief a forerunner of state medicine? *Illinois M. J.*, 1935, 68: 367-76.—**Rosengard, J. L.** Emergency relief for medical and surgical aid. *Ibid.*, 1933, 63: 269-71.—**Routeley, T. C.** Medical relief for the unemployed and their dependents in the Province of Ontario. *Canad. M. Ass. J.*, 1935, 33: 85-7.—**Sánchez, T., & Bustamante, A.** Reglamentación de la indigencia en los servicios médicos del estado. In [México] Asamblea nacional de cirujanos. Lo paraquirúrgico, 1935, 47-56.—**Schlichter, C. H.** Report of the advisory committee on the medical care of the indigent. *J. M. Soc. N. Jersey*, 1938, 35: 300.—**Scott, H. P.** The medical relief program of the Illinois Emergency Relief Commission. *Illinois M. J.*, 1936, 70: 539-43.—**Scott, N.** Details of procedure to be followed in providing medical service to recipients of unemployment relief. *Pittsburg M. Bull.*, 1933, 22: 810-2.—**Seasonal allocations** for medical assistance. *Week. Roster, Phila.*, 1939-40, 35: 709.—**Selzier, H.** Taux des subventions applicables aux projets de constructions hospitalières et aux organismes de lutte contre la tuberculose, les maladies vénériennes et le cancer. *Bull. Min. san. pub., Par.*, 1936, 216.—**Shall the State Medical Society assume control of admissions to charity clinics and hospitals?** *Colorado M. J.*, 1934, 31: 296-300.—**Sherwood, C. L.** Medical care for recipients of public assistance in Ohio. *Ohio M. J.*, 1940, 36: 786-91.—**Smith, L. X.** Medical and hospital care of indigents by townships. *J. Indiana M. Ass.*, 1940, 33: 322-4.—**Smith, S. L.** A plan to provide medical care for persons on relief. *J. Am. M. Ass.*, 1940, 114: 253.—**Snedecor, S. T.** Providing medical care for the indigent. *Med. Rec., N. Y.*, 1934, 139: 414-6.—**Sociedad de beneficencia pública de Lima** [report] 1937. *Reforma méd.*, Lima, 1938, 24: 513-5.—**Solis-Cohen, M.** Emergency medical relief. *Week. Roster, Phila.*, 1934-35, 30: 521-30.—**Solution of CWA medical problems** sought by the council and officers. *Ohio M. J.*, 1934, 30: 247.—**Spohn, E. L.** Care of county indigents. *Northwest M.*, 1935, 34: 21-3.—**Subsidies for medicine?** *Med. Econom.*, 1937-38, 15: No. 5, 53-64.—**Summary of Pennsylvania poor relief laws** affecting care of indigent sick; a digest of laws and practices. *Pennsylvania M. J.*, 1934, 37: 604-7.—**Summary of report on care of the indigent sick.** *Bull. Am. M. Ass.*, 1934, 29: 136-41.—**Summary of Wisconsin poor relief laws** affecting care of indigent sick. *Wisconsin M. J.*, 1940, 39: 1023-39.—**Taft, R. A.** Medical aid for the needy. *Med. Ann. District of Columbia*, 1940, 9: 250-4.—**Taylor, H., & Woodward, W. C.** Emergency medical relief. *Bull. Am. M. Ass.*, 1934, 29: 113-26.—**Tri-State assembly** considers the care of the indigent. *Hosp. Management*, 1939, 47: No. 5, 16.—**Tuck, R. G.** Welfare medical service in Oakland County. *J. Michigan M. Soc.*, 1935, 34: 89-92.—**Turberville, J. S.** The responsibility of the laity to the indigent. *J. Florida M. Ass.*, 1937-38, 24: 57.—**Twohig, H. E.** Report of philanthropic committee. *Wisconsin M. J.*, 1941, 40: 36.—**Uncertainties of a charitable bequest.** *Lancet, Lond.*, 1941, 1: 119.—**Unemployment relief program in Delaware.** *Delaware M. J.*, 1933, 5: 275-8.—**Van Etten, N. B.** Abuses of medical charity and of the free service of physicians. *Tr. Coll. Physicians Philadelphia*, 1934, 2: 11-20.—**Waterson, R. W.** A new feature in indigent medical care. *J. Am. M. Ass.*, 1939, 113: 1135.—**What Uncle Sam will pay for care of CWA workers.**

Hosp. Management, 1934, 37: 23.—**Williams, R. C.** Medical care programs sponsored by the Farm Security Administration. *J. M. Soc. N. Jersey*, 1940, 37: 348. Also in *Law & Contemp. Probl. (Duke Univ.)* 1939, 6: No. 4, 583-94.—**Wylie, F. M., & Blank, V. D.** Medical care for the indigent; a symposium. *Wisconsin M. J.*, 1931, 30: 480-91.

Budgeting: Physicians' plans.

A. M. A. (The) program. *J. Am. M. Ass.*, 1939, 113: 2063.—**Board** re-studies medical care plan; directors issue first statement in preliminary form, subject to later discussion and action by entire Academy membership. *Bull. Acad. M. Cleveland*, 1939, 23: 10.—**Boyd, M. L.** How to increase the physician's income and at the same time reduce the cost of medical care. *South. M. J.*, 1935, 28: 180-5.—**By-laws of Medical Service administration of New Jersey.** *J. M. Soc. N. Jersey*, 1941, 38: No. 2, Suppl., 8-11.—**California Physicians' Service.** *J. Am. M. Ass.*, 1940, 115: 1644.—Also *California West. M.*, 1940, 53: 37; 138.—**Christie, A. C.** Medical care for all the people; the Washington (D. C.) plan, Doctor Christie says, is indicative of what medical organizations can accomplish by careful planning. *Med. Searchlight*, 1935, 11: No. 9, 17, 25.—**Coughlin, W. T.** An ethical plan for the medical care of those in the low income group. *J. Missouri M. Ass.*, 1936, 33: 127-9.—**Douglass, F. M.** Review of the Toledo Academy's group medical service plan; its coverage and how program will operate. *Ohio M. J.*, 1939, 35: 769-72.—**Faught, F. A.** Medical economics; the Philadelphia plan. *Illinois M. J.*, 1934, 66: 67-77.—**Ginsburg, H. M.** Fresno county part-pay plan. *California West. M.*, 1936, 44: 92-4.—**Group medical service plans** to be discussed at series of District meeting authorized by the Council. *Ohio M. J.*, 1940, 36: 309.—**Hannah, J. A.** An experiment in budgeting against the cost of illness. *Ibid.*, 90-9.—**Hein, B. J.** Let's give the public the real facts; effective public relations can be started in all parts of Ohio if the membership will support the expansion program which has been recommended by the council. *Ibid.*, 1939, 35: 183.—**Holder, H. G.** The San Diego Central Medical Service (a post-payment plan of medical care for the low income groups). *Southwest. M.*, 1935, 19: 264-72.—**How the profession in Detroit handles its medical economic problems.** *Med. Ann. District of Columbia*, 1935, 4: 19.—**Leland, R. G.** Health insurance in England and medical society plans in the United States. *Bull. Am. M. Ass.*, 1934, 29: 126-36.—**Lewinski-Corwin, E. H.** Community service as developed by the New York Academy of Medicine. *Proc. Inst. M. Chicago*, 1926-27, 6: 159-64.—**Medical care for the people of Maryland;** the Medical and Chirurgical Faculty approaches the State planning commission. *Baltimore Health News*, 1939, 16: 169-72.—**Medical (The) and Dental Service Bureau.** *Med. Rec., Houston*, 1939, 33: 295.—**Medical and dental economic plans;** a prospectus. *Med. Ann. District of Columbia*, 1935, 4: 52-6.—**Medical profession drafts constructive program** to meet health needs of nation; basic principles adopted at special session of House of delegates of A. M. A. *Ohio M. J.*, 1938, 34: 1152-5.—**Medical service administration of New Jersey;** a project of the Medical Society of New Jersey. *J. M. Soc. N. Jersey*, 1941, 38: 140.—**Medical society plans.** *Bull. Am. M. Ass.*, 1934, 29: 145-50.—**Medical (The) society of New Jersey annual reports to the House of delegates;** June 4-6, 1940; report of the President. *J. M. Soc. N. Jersey*, 1940, 37: 193; Suppl. No. 5, 3-18.—**More funds needed.** *Pennsylvania M. J.*, 1940-41, 44: 495.—**Morris, W. B.** Medical service plan explained. *N. Jersey J. Pharm.*, 1940, 13: No. 8, 3-5.—**Organized medicine in Illinois** is giving unapproachable legislative and economic service. *Illinois M. J.*, 1935, 68: 100-2.—**Pearl, H. F., & Hassard, H.** The organization of California Physicians' Service. In *Law & Contemp. Probl. (Duke Univ.)* 1939, 6: No. 4, 565-82.—**Principles and proposals of the Committee of Physicians.** *J. Am. M. Ass.*, 1937, 109: 1816.—**Report on medical service plan.** *Pennsylvania M. J.*, 1939-40, 43: 690-6.—**Rules and regulations of the Medical and Surgical Service Plan;** plan No. 2. *J. M. Soc. N. Jersey*, 1941, 38: No. 2, Suppl., 16-8.—**Rypins, H.** Toward professional guilds. *Fed. Bull., Chic.*, 1933, 19: 277-84.—**Scammon, R. E.** What is guild medicine? *Minnesota M.*, 1933, 16: 164-70.—**Seelig, G.** The St. Louis Medical Society plan. *J. Am. M. Ass.*, 1936, 107: 359. Also *Med. Soc. Rep., Scranton*, 1937, 31: 15.—**Skipp, W. M.** Message from the president: State association taking concrete steps to assist low-wage earner in meeting his health and medical problems; passage of enabling act essential; every member must do his part. *Ohio M. J.*, 1940, 36: 1000.—**Small-wage earner** supplied medical service on time payment basis under Detroit plan; its operation and results summarized. *Ibid.*, 1935, 31: 215-8.—**Sprague, E. W.** A plan for adequate medical care for all; a plan based on the co-ordination of present resources, present principles of practice and the American concept of government. *J. M. Soc. N. Jersey*, 1938, 35: 420-2.—**Traylor, G. A.** Proposals from the medical profession. *J. Connecticut M. Soc.*, 1938, 2: 83.—**Van Hoesen, L.** A modification of the Detroit plan in administering public health. *N. York State J. M.*, 1934, 34: 1072-4.—**Washington's** noble experiment in medicine. *Memphis M. J.*, 1937, 12: 183.—**Wilkes, L. A.** The Medical Society of New Jersey organizes to improve community health services. *Am. Med.*, 1934, 40: 428-32.—**The experiments of the Medical Society of New Jersey in furnishing community health services.** *Bull. Am. M. Ass.*, 1934, 29: 162-4. Also *J. M. Soc. N. Jersey*, 1935, 32: 11; 144.—

Yater, W. M. Constructive plans of the Medical Society of the District of Columbia to provide adequate medical care for all. *Med. Ann. District of Columbia*, 1938, 7: 70-5.

— Cost and need of health care [for individuals]

See also subheading Health promotion service; Hospital service; also Fee; Group, Health; Health survey; Morbidity; Unemployment; also under names of occupations.

FAUTEREAU-VASSEL, E. DE. *Essai sur quelques problèmes médicaux et sociaux en Chine. 43p. 24cm. Par., 1939.

LAUERBURG, A. *Erwerbslosenziffer und Krankenstand in ihren gegenseitigen Beziehungen [Freiburg i. B.] 8° [Berl.] 1928.

Bárcena y Verdú, J. M. de. Consideraciones sobre sanidad oficial y el ejercicio particular de la medicina en los momentos actuales. *Inform. méd.*, Valladolid, 1933, 10: 49-62.—[Certain view-points of the Medical Board concerning actual questions on medical care for the sick] *Sven. läk. tidn.*, 1936, 33: 884-8.—Christiansen, J. [Cost of living and public health] *Ugeskr. laeger*, 1938, 100: 270.—Davis, M. How Europeans pay sickness bills. *Survey*, 1934, 23: 617, 627.—Filene, E. A. Mass prosperity and medical care; a business man's viewpoint. *Filip. Nurse*, 1935, 10: 29-32.—Fleming, G. The present situation regarding the adequacy of medical care in Canada. *Canad. Pub. Health J.*, 1939, 30: 419-23.—Goldmann, F. Der Einfluss von Alter und Familienstand auf die Benutzung von Krankenanstalten; ein Beitrag zur Soziologie des Krankenhauses. *Klin. Wschr.*, 1928, 7: 1918-21.—Hazemann, R. H. Quelques aspects paradoxaux du marché des soins. *Arch. méd. sociale, Brux.*, 1940, 3: 249-56.—Lage (Die) der öffentlichen Gesundheitspflege unter der Einwirkung der gegenwärtigen wirtschaftlichen Verhältnisse und der Sparmassnahmen. *Veroff. Medverwalt.*, 1931-32, 36: 315-452.—Learnmonth, G. E. The medical relief problem in Alberta. *Canad. M. Ass. J.*, 1934, 30: 201.—Loriga, G. La crisi economica e la salute pubblica. *Difesa sociale*, 1936, 15: 75-82.—Middle-class (The) patient who cannot pay. *Lancet, Lond.*, 1933, 2: 1216.—No deposit, no treatment. *Ibid.*, 1936, 1: 1089.—Nota dal campo; esser poveri. *Italia san.*, 1908, 4: 179.—Sand, R. Le coût des soins médicaux en Belgique. *Arch. méd. sociale, Brux.*, 1939, 2: 699-704.—La fréquence de la maladie et le coût des soins médicaux. *Bruxelles méd.*, 1939-40, 20: 744-9.—Sinai, N. The present situation regarding the adequacy of medical care in the United States. *Canad. Pub. Health J.*, 1939, 30: 319-24.—Survey of illness among the unemployed and their families in the city of Winnipeg during 1937. *Manitoba M. Ass. Rev.*, 1938, 18: 159-77.—Uhlirz, R. Die bevölkerungsökonomische Bedeutung von Krankheit und Heilung. *Wien. klin. Wschr.*, 1935, 48: 297, 327.—Wolfenden, H. H. The costs of health services; the significance and limitations of statistics. *Canad. M. Ass. J.*, 1940, 43: 72-5.—The costs of health services; the nature and utility of the available statistics. *Ibid.*, 167-71.—A summary of the Canadian problem of medical economics. *Ibid.*, 274-8.

— Cost and need of health care [for individuals]: United States.

BRADBURY, S. The cost of adequate medical care. 86p. 8° Chic. [1937]

BROWN, E. L. Physicians and medical care. 202p. 8° N. Y., 1937.

FALK, I. S., KLEM, M. C., & SINAI, N. The incidence of illness and the receipt and costs of medical care among representative families; experiences in 12 consecutive months during 1928-1931. 18p. 8° Wash., 1933.

JOHNSON, G. H. Relief and health problems of a selected group of non-family men. 81p. 8° Chic. [1937]

KENTUCKY STATE MEDICAL ASSOCIATION. Report of Committee on medical economics. 206p. 23cm. Louisville, 1939.

REED, L. S. The ability to pay for medical care. 16p. 8° Wash., 1933.

American (The) Foundation study of medical care (Abstract by the Bureau of Medical Economics) *J. Am. M. Ass.*, 1937, 108: 117B-126B.—American Medical Association study of medical care: Vanderburgh county, Indiana. *Ibid.*, 1938, 111: 1570-2.—American Medical Association study of medical care; report of Middlesex south district, Mass., Medical Society, Boston. *Ibid.*, 1939, 112: 847-50.—American Medical Association study of medical care; Ohio State Medical Association report. *Ibid.*, 243-6.—American Medical Association study of medical care; report from Rock County, Wisconsin. *Ibid.*, 1938, 111: 939-42.—American Medical Association study of

medical care; Jefferson County, Alabama. *Ibid.*, 2213-7.—American Medical Association study of medical care; Sullivan county, Tennessee. *Ibid.*, 2307.—American Medical Association study of medical care; Harris county, Texas. *Ibid.*, 1939, 112: 149-51.—American Medical Association study of medical care; Providence Medical Association's report. *Ibid.*, 543.—American Medical Association study of medical care. *Ibid.*, 1938, 111: 1383-5.—American Medical Association completes medical study. *Med. Econom.*, 1939-40, 17: No. 7, 47-9.—Amount and types of medical care. *J. Am. M. Ass.*, 1940, 115: 2189.—Anders, J. M. Social conditions in America in their relation to medical progress and disease. *J. Med. Chir. Coll. Philadelphia*, 1904, 5: 5-10.—Anderson, L., & Gillett, L. H. The doctor and the family budget. *Med. Woman J.*, 1934, 41: 77-80.—Annual report of the Committee on Medical Economics (including the report of the special committee on workmen's compensation) *Ohio M. J.*, 1934, 30: 664-8.—Armstrong, D. B., Dublin, L. L., & Steele, E. J. What medical care costs the average family. *Mod. Hosp.*, 1933, 41: 41-5.—Barker, C. Studies of the distribution of medical care. *J. Connecticut M. Soc.*, 1939, 3: 629.—Barker, L. F. Investigations and conclusions of the Committee on the Costs of Medical Care. *J. Am. M. Ass.*, 1933, 100: 868. Also *Proc. Congr. M. Educ.*, 1933, 31-3. The present and future significance of the findings and recommendations of the Committee on the Costs of Medical Care—from physician's point of view. *J. M. Soc. N. Jersey*, 1933, 30: 79-81.—Bartley, E. H. Economic problems of interest to the medical profession. *Long Island M. J.*, 1912, 6: 101-8.—Bogen, E. Medical aspects of the business cycle. *California West. M.*, 1937, 46: 312.—Brief review with comments on second minority report of the Committee on the Costs of Medical Care. *Pittsburgh M. Bull.*, 1933, 22: 23-7.—Bristow, A. T. The public and the medical profession; being a consideration of the economic difficulties which confront us. *N. York State J. M.*, 1912, 12: 107-15.—Bruno, F. J. The relations of illness and dependency. *Misc. Contr. Com. Costs M. Care*, 1931, No. 9, 1-11.—California medical-economic survey; excerpts from the preliminary report of January 16, 1935. *California West. M.*, 1935, 42: 160-5.—California medical-economic survey; a statement by the Bureau of Medical Economics. *J. Am. M. Ass.*, 1938, 110: 117B-119B.—Care (The) of the sick. *Ibid.*, 178B.—Chapin, F. S. The cost of medical care; why was the survey made? what results were expected from the survey? *Minnesota M. J.*, 1933, 16: 147-52.—Christie, A. C. Some problems of the Committee on the Costs of Medical Care. *J. Am. Inst. Homeop.*, 1932, 25: 1242-8.—Report of the Committee on the Costs of Medical Care, its significance to the medical profession. *California West. M.*, 1933, 38: 341-8.—Collins, S. D. Frequency and volume of doctors' calls among males and females in 9,000 families, based on Nation-wide periodic canvasses, 1928-31. *Pub. Health Rev.*, Wash., 1940, 55: 1977-2020.—Committee (The) on the Study of Dental Practice cooperating with the Committee on the Costs of Medical Care. *J. Am. Dent. Ass.*, 1931, 18: 326-9.—Committee on medical economics. *Pennsylvania M. J.*, 1936-37, 40: 1175.—Conference (The) on economic security. *J. Am. M. Ass.*, 1934, 103: 1624.—Cornell, W. S. A review of some recent medical literature relating to medical economics, costs of illness, and organization of medical practice. *Tr. Coll. Physicians Philadelphia*, 1932, 54: 58-68.—Cost of medical care among farm families. *Month. Labor Rev.*, 1939, 48: 318.—Cost of private medical care; report on a study of costs in private medical practice conducted by the Committee on Public Health of the Medical Society of the County of Kings, with the assistance of the Committee on Dispensary Development of the United Hospital Fund of New York. *Long Island M. J.*, 1926, 20: 96-101.—Craster, C. V. The medical care of the poor and unemployed. *J. Am. M. Ass.*, 1939, 112: 437-40.—Criticism of the report of the Technical Committee on Medical Care. *Ibid.*, 443-5.—Davis, M. M. The costs of medical care. *Proc. Nat. Conf. Social Work*, 1931, 58: 51-71.—The Committee on Costs of Medical Care makes its report. *Mod. Hosp.*, 1932, 39: 41-6.—Detailed resume of the report of the Committee on the Costs of Medical Care. *West. Hosp. Rev.*, 1932, 20: 7-17.—Dieffenbach, W. H. The cost of medical care. *J. Am. Inst. Homeop.*, 1933, 26: 200-2.—Dublin, L. L. The present economic situation and public health. *Rep. Conf. Tennessee Health Work.*, 1932, 5: [Discussion] 17-23.—Elliott, F. E. Financing sickness. *N. York State J. M.*, 1933, 33: 504-8.—Elmer, R. F. The status of medical economics in the Middle West. *Med. Rec.*, N. Y., 1934, 140: 640.—Emerson, C. P. The cost of medical care. *J. Indiana M. Ass.*, 1933, 26: 67.—Emerson, H. What adequate health service costs. *Hosp. Social Serv.*, 1926, 13: 108-12.—Ewing, J. Medicine and depression. *Proc. Inst. M. Chicago*, 1933, 9: 370-86. Also *Fed. Bull.*, Chic., 1934, 20: 11; 45.—Falk, I. S. Fundamental facts on the costs of medical care. *Q. Bull. Milbank Mem. Fund*, 1933, 11: 130-53.—An introduction to national problems in medical care. In *Law & Contemp. Probl.* (Duke Univ.) 1939, 6: No. 4, 497-506.—Fay, O. F. A discussion of the final report of the Committee on the Costs of Medical Care. *J. Iowa M. Soc.*, 1933, 23: 115-25.—Fenning, F. A. The high cost of standardization. *Med. Ann. District of Columbia*, 1933, 2: 177-9.—Final (The) report of the Committee on the Costs of Medical Care. *N. England J. M.*, 1932, 297: 996-1001. Also repr.—Fithian, G. W. Report of the committee on medical care of the indigent and low-wage group. *J. M. Soc. N. Jersey*, 1939, 36: 288.—Five-point (The) program of the Technical Committee on

- Medical Care. J. M. Ass. Alabama, 1938-39, 8: 112-5.—**Frankel, L. K.** Sickness costs and the family budget. *Mod. Med.*, Chic., 1919, 1: 233-6.—**Frechot, S. B.** Medical costs and the future of healing. *Bull. Am. M. Ass.*, 1933, 28: 22-6.—**French, J. R.** Gaps in hospital and medical service; who will bridge them? when and how? *West. Hosp. Rev.*, 1933-34, 21: 5; 16.—**Fritz, A. J.** Health and income. J. Indiana M. Ass., 1941, 34: 191.—**Frothingham, C.** Physicians, patients and pay. In *Med. Papers* (H. A. Christian Annivers. vol.) Bost., 1936, 951-6.—**Gaines, L. M.** Medical economics as related to patients of the low income group. J. M. Ass. Georgia, 1934, 23: 250-9.—**Gies, W. J.** The final report of the Committee on the Costs of Medical Care; comment on a misrepresentation of conditions in the practice of dentistry. *J. Dent. Res.*, 1933, 13: 81-98.—**Goldberg, J. A.** Medical and dental care as affected by wages and cost of living in New York City. *Hosp. Social Serv.*, 1929, 19: 469-79.—**Goldwater, S. S.** The problem of the patient of moderate means. *Tr. Am. Hosp. Ass.*, 1931, 33: 421-41.—**Graves, J. H.** Some costs of illness problems. *California West. M.*, 1931, 35: 145-7.—**Groover, M. E. jr.** Some problems of medical care as seen by a county health officer. J. M. Ass. Georgia, 1940, 29: 216-21.—**Hale, N.** A medical-economic survey of Sacramento County. *California West. M.*, 1935, 42: 241-7.—**Hamilton, E. S.** Medical economics column for February. *Illinois M. J.*, 1941, 79: 99.—**Harkness, G. F.** The cost of being sick. J. Iowa M. Soc., 1933, 23: 32-43.—**Harris, M. L.** The cost of medical care and the trend of medicine. *Am. M. Ass. Bull.*, 1929, 24: 214-9.—**Henderson, E. L.** Proposed study of need for medical care. *Kentucky M. J.*, 1938, 36: 167-9.—**Herrick, J. B.** Hospitals and the cost of medical care, from the point of view of the hospital staff. *Bull. Am. Hosp. Ass.*, 1930, 4: No. 4, 32-6.—**Holbrook, A. T.** Hospitals and the cost of medical care from the point of view of the general practitioner. J. Am. M. Ass., 1930, 94: 903-6.—**Inauguration** of study of medical care. *Northwest M.*, 1938, 37: 200.—**Jefferson County's** study of medical care. J. M. Ass. Alabama, 1938-39, 8: 259-63.—**Keidel, G. C.** High finance at Clifton. *Johns Hopkins Alumni Mag.*, 1939, 27: 48.—**Kenney, J. A.** Reaction of the North Jersey Medical Society to the report of the Committee on the Cost of Medical Care, June 14, 1933. *J. Nat. M. Ass.*, Newark, 1934, 26: 10-3.—**Keitcham, D.** The job of illness. *Hospitals*, 1938, 12: No. 6, 29-33.—**Klem, M. C.** The costs of medical care to the family. *J. Am. Statist. Ass.*, 1933, n. ser., 27: 98-103.—**Illness** and the receipt and cost of medical care among California families of low and moderate incomes. *West. Hosp. Rev.*, 1935-36, 23: 5; 22.—**Family outlay** for hospital care. *Mod. Hosp.*, 1939, 52: No. 2, 45-7.—**Lakeman, M. R.** What price health? *Common Health*, Bost., 1934, 21: 36-45.—**Lies, E. T.** Sickness, dependency and health insurance. *Proc. Nat. Conf. Social Work*, 1917, 44: 550-3.—**Locken, O. E.** The cost of medical care. *Minnesota M.*, 1929, 12: 703-5.—**Loveland, F. L.** Standardization of the activities of the committee on medical economics of the midwest and northwest. *Illinois M. J.*, 1936, 69: 510-20.—**Also** J. Kansas M. Soc., 1936, 37: 116-8.—**MacGregor, D. A.** Problems relating to indigent and low income medical cases in West Virginia. *West Virginia M. J.*, 1940, 36: 84-7.—**Marquette, B.** The cost of public health and medical work. *Proc. Nat. Conf. Social Work*, 1929, 56: 235-40.—**Medical** (The) economics catechism. *Week. Roster, Phila.*, 1934, 29: 1385.—**Miller, H. G.** Wrestling with the costs of medical care. *Med. Woman J.*, 1934, 41: 101-3.—**Minutes** of the special session of the house of delegates of the American Medical Association, held at Chicago, September 16-17, 1938. J. Am. M. Ass., 1938, 111: 1191-217.—**Morgan, A. C.** The purposes of the Committee on the Costs of Medical Care. *Tr. Coll. Physicians Philadelphia*, 1932, 54: 37-40.—**Mountain, J. W.** & **O'Hara, H.** Health in the economic brackets. *Common Health*, Bost., 1938, 25: 176-84.—**Muntz, E. E.** Health vs the high cost of medical care. *Hosp. Social Serv.*, 1931, 23: 494-503.—**Musser, J. H.** The social and economic implications of 3 common southern diseases. In *Surgery* (Ravdin, I. S.) Phila., 1935, 572-5.—**Neal, J. R.** Committee contributions; public relations; a study of medical care by the American Medical Association. J. M. Ass. Alabama, 1938-39, 8: 71-3.—**Packard, R. K.** & **Camp, H. M.** Report of Special Committee on Indigent Medical Care. *Illinois M. J.*, 1938, 74: 42-4.—**Official statement** issued by the council of the Ohio State Medical Association on the report of the Committee on the Costs of Medical Care. *Ohio M. J.*, 1932, 29: 48-9.—**Outline** for proposed plan of study of medical care; prepared by the Bureau of Medical Economics. J. Am. M. Ass., 1938, 110: 77B-80B.—**Parnali, C. G.** Medical economics from the standpoint of the hospital administrator. *Bull. Am. Coll. Surgeons*, 1929, 13: 11-3.—**Patient** (The) looks at his hospital bill. *Mod. Hosp.*, 1933, 40: 87-90.—**Pauperizing** the patient? *Freedmen's Hosp. Bull.*, 1934, 1: 63.—**Peabody, F. W.** The care of the patient. J. Am. M. Ass., 1927, 88: 877-82.—**Perrott, G. St. J.** Health problems of low income families. *Health Off., Wash.*, 1938, 2: 488-95.—**Sydenstricker, E.** & **Collins, S. D.** Medical care during the depression; a preliminary report upon a survey of wage-earning families in 7 large cities. *Q. Bull. Milbank Mem. Fund*, 1934, 12: 99-114.—**Plumley, M. L.** The ability to pay for medical care. *Proc. Inst. M. Chicago*, 1930-31, 8: 121; 152; 178.—**Pomeroy, J. L.** Economic problems in public health practice. *West. Hosp. Rev.*, 1932, 20: 20-2.—**Public health** economics in relation to the cost of sickness. *Hosp. Social Serv.*, 1932, 26: 257.—**Problems** of medical care in Georgia, as reported by members of the State Medical Association. *Med. Care*, 1941, 1: 60-3.—**Progress** of study of medical care in Pennsylvania. J. Am. M. Ass., 1938, 110: 177B.—**Rankin, W. S.** The economics of medical service. *Am. J. Pub. Health*, 1929, 19: 359-65.—**Rapplepey, W. C.** Getting a picture of community health needs. *Mod. Hosp.*, 1927, 29: No. 2, 55-8.—**The real economic problem** of medical care. *Memphis M. J.*, 1935, 10: 23-5.—**Reilly, T. F.** Medical economics. N. York M. J., 1912, 96: 843-7. Also repr.—**Reissman, E.** Looking at the facts in the high cost of medical care. J. M. Soc. N. Jersey, 1931, 28: 854-9.—**Report** of Committee on Medical Economics of the Chicago Medical Society. J. Am. M. Ass., 1939, 113: 149-52.—**Report** of the committee to study the reports of the Committee on the Costs of Medical Care. *Tr. Am. Hosp. Ass.*, 1933, 35: 347-55.—**Report** of the Committee of 20 from the New Haven County Medical Association to review the report of the Committee on the Costs on Medical Care. N. England J. M., 1933, 209: 296-301.—**Report** of delegates to American Medical Association; the San Francisco session of the American Medical Association. J. Tennessee M. Ass., 1938, 31: 396-403.—**Report** (The) of the Special Committee to Study the Distribution of Health Service and Sickness Care in Wisconsin, to the 1938 House of Delegates. *Wisconsin M. J.*, 1938, 37: No. 10, Suppl., No. 2, 1-47.—**Report** of the Technical Committee on Medical Care to the National Health Conference; hospital facilities; medical care for the medically needy. J. Am. M. Ass., 1938, 111: 442-9.—**Reynolds, W. S.** Hospitals and the cost of medical care, from the point of view of the layman. *Bull. Am. Hosp. Ass.*, 1930, 4: No. 4, 37-41.—**Riecker, H. H.** The report of the Technical Committee on Medical Care; a review. *Pub. Health Rev.*, Ann Arb., 1938-39, 8: 25-7.—**Roberts, S. R.** Comparison of medical and hospital costs for individuals in moderate circumstances. *Bull. Am. Coll. Surgeons*, 1929, 13: 24.—**The multiple** cares and costs of medicine. *Tr. Am. Hosp. Ass.*, 1931, 32: 321-35. Also *Bull. Am. Hosp. Ass.*, 1931, 5: 7-22.—**Robinson, G. C.** The significance of adverse social conditions in medical care. *Tr. Ass. Am. Physicians*, 1938, 53: 102-8.—**Roche, J.** Economic health and public health objectives. *Am. J. Pub. Health*, 1935, 25: 1181-5.—**Ross, W. H.** Economic relations of medicine. J. M. Soc. N. Jersey, 1933, 30: 517-25.—**Routley, F. W.** Facts as to illness; its cost and its preventability. *Bull. Acad. M.*, Toronto, 1934, 7: 178-81.—**Ruddock, J. C.** The cost of medical care from the standpoint of the private practitioner. *Hosp. Social Serv.*, 1931, 23: 381-9.—**Rudolph, C. E.** Majority and minority reports of the Committee on the Costs of Medical Care. *Minnesota M.*, 1933, 16: 152-5.—**Schlenker, L.** The poor, the state and the doctor. J. Med., Cincin., 1937-38, 18: 347-9.—**Schwitala, A. M.** The relationship of medicine and its aids to the cost of medical care. *Bull. Am. Coll. Surgeons*, 1929, 13: 18-21.—**Basic considerations** in minority report of Committee on the Costs of Medical Care. J. Am. M. Ass., 1933, 100: 863-7. Also *Proc. Congr. M. Educ.*, 1933, 33-8. Also J. Ass. Am. M. Coll., 1934, 9: 193-203. Also *Pittsburgh M. Bull.*, 1934, 23: 616-22.—**Scott, J. R.** Medical care for low income groups. *Southwest M.*, 1939, 23: 46-8.—**Senator Wagner's** resolution for the study of medical care. J. Am. M. Ass., 1938, 110: 1372.—**Sharpe, N. W.** An informal study of the costs of medical care—of the majority report of the committee—together with sundry other matters of associated interest. *Illinois M. J.*, 1933, 64: 80-8.—**Sleyster, R.** Medical problems of the day. N. England J. M., 1939, 221: 959-64.—**Smith, F. H.** Through a doctor's glasses. *Virginia M. Month.*, 1935-36, 62: 419-23.—**Smith, W. H.** The hospital studies of the Committee on the Cost of Medical Care. *Tr. Am. Hosp. Ass.*, 1929, 31: 243-51.—**Hospitals** and their part in the program of the Committee on the Costs of Medical Care. *Bull. Am. Hosp. Ass.*, 1933, 7: 21-9.—**Spencer, R. R.** & **Pritchard, E. G.** The sick pocketbook. *Health Off., Wash.*, 1937, 2: 221-7. Also *Bull. Dep. Health Lincoln*, 1937, Oct. 5; Nov. 2.—**Stern, N. S.** The cost of sickness and why. *Memphis M. J.*, 1931, 8: 2-5.—**Study** (A) of the needs, care and costs of services rendered the sick and injured of Louisville and Jefferson County, State of Kentucky, for the year 1932. *Kentucky M. J.*, 1935, 33: 52-103.—**Suggestions** on conduct of a study of medical care. J. Am. M. Ass., 1938, 110: No. 10, Suppl., 128B-31B.—**Survey** notes; study of need and supply of medical care. J. Tennessee M. Ass., 1938, 31: 507.—**Sydenstricker, E.** The economics of medical care. *Virginia M. Month.*, 1934-35, 61: 574-81.—**Medical practice** and public needs. *Tr. Coll. Physicians Philadelphia*, 1934, 2: 21-30.—**Perrott, G. St. J.** How unemployment affects illness and hospital care. *Med. Hosp.*, 1934, 42: 41-4.—**Torey, E. J.** Factors in the cost of medical care; the hospital, the nurse and the specialists. *Clin. M. & S.*, 1929, 36: 560-3.—**Uncared-for** (The) millions. J. Am. M. Ass., 1938, 111: 1104.—**Urch, D. D.** Cost of sickness from the standpoint of the nursing profession. *Hosp. Social Serv.*, 1931, 23: 374-80.—**Van Etten, N. B.** The minority reports of the Committee on the Costs of Medical Care. N. England J. M., 1933, 208: 33-5.—**Veniot, C. J.** The medical economic situation in New Brunswick. *Canad. M. Ass. J.*, 1934, 30: 551.—**Voorhees, I. W.** The economics of medicine. *Am. Med.*, 1913, n. ser., 8: 85-8.—**Waddington, J. E. G.** Health economics. *Med. Rev. of Rev.*, 1932, 38: 639-42.—**Warnshuis, F. C.** Survey

of Michigan's medical services and health agencies; economics applied. *Bull. Am. M. Ass.*, 1934, 29: 1-8.—**Washington** conference will consider major needs in health and medical care. *Mod. Hosp.*, 1938, 51: 94.—**West, O.** The minority report of the Committee on the Costs of Medical Care. *Minnesota M.*, 1933, 16: 156-61.—**Wichl, D. G.** Measuring health needs in an urban district: illness and the extent of medical care. *Q. Bull. Milbank Mem. Fund*, 1936, 14: 23; 144; 345, 3 figs., 6 tab.—**Wilbur, R. L.** The economics of public health and medical care. *Ibid.*, 1932, 10: 169-90.—The high points in the recommendations of the Committee on the Costs of Medical Care. *Kentucky M. J.*, 1933, 31: 15-20.—The final report of the Committee on the Costs of Medical Care. *J. M. Soc. N. Jersey*, 1933, 30: 39-76.—The costs of medical care. *Se. Am. Month.*, 1934, 39: 235-9.—**Williams, R. C.** Medical care problems of low income farm families. *Proc. Conf. Health Author. N. America*, 1938, 53: 24-34.—**Williamson, K.** Economics and the patient. *Hospitals*, 1938, 12: No. 10, 94.—**Winslow, C. E. A.** The recommendations of the Committee on the Costs of Medical Care. *N. England J. M.*, 1932, 207: 1138-42.—**Woolsey, R. L.** The doctor and the dollar. *J. Arkansas M. Soc.*, 1938-39, 35: 77-9.—**Yarros, R. S.** Cost of medical care and the controversy with the Chicago Medical Society. *Med. Woman J.*, 1929, 36: 261-4.

Dental care.

See also **Dentist**, **Social service**; **Dentistry**, **Social insurance aspect**; **School child**; **Tooth**, **Caries**; **Prevention**, &c.

LÖSCHAU, E. *Was kann die Sozialhygiene für die Gesundheit der Zähne leisten? [Leipzig] 34p. 8°. Zeulenroda i. Thür., 1932.

LOTTER, H. *Aufbau des Gesundheitswesens in Witten-Ruhr mit besonderer Berücksichtigung der Zahnpflege [Münster] 40p. 8°. Witten-Ruhr, 1935.

MISSBACH, R. J. *Zur zahnhygienischen Volksaufklärung im öffentlichen Gesundheitswesen. 36p. 8°. Lpz., 1935.

MÜLLER, E. *Die zahnärztliche Versorgung von Pommern und Mecklenburg unter besonderer Berücksichtigung der Leistungen der öffentlichen Fürsorge [Münster] 32p. 8°. Gelsenkirchen, 1934.

STRUSSER, H. The community dental health program. p.402-58. 8°. Bost., 1937.
In *Principles & Pract. Pub. Health Dentistry* (Salzmann, J. A.) Bost., 1937.

TERSTEGEN, A. *Die zahnärztliche Versorgung der mitteldeutschen Kleinstaaten unter besonderer Berücksichtigung der Leistungen der öffentlichen Fürsorge. 32p. 8°. Münster, 1934.

WILHELM, A. *Das Versicherungswesen des Zahnarztes und seine Entwicklung. 25p. 8°. Erlangen, 1934.

Amies, A. The advance of dental science in its relation to the public health. *Austral. J. Dent.*, 1938, 42: 161-7.—**Asgis, A.** Public health and mouth hygiene. *Oral Hyg., Pittsb.*, 1925, 15: 236-44.—**Austin, B. F.** Dentistry in public health. *J. M. Ass. Alabama*, 1938-39, 8: 265.—**Bennett, N.** Capitulation dental service. *Brit. Dent. J.*, 1931, 52: 623-7.—**Bond, C. J.** Dental, national and racial health. *Ibid.*, 1933, 55: 1-8.—**Brauer, J. C.** Dental hygiene in public health. *Illinois Health Mess.*, 1939, 11: 61-4.—**Brown, M. M., & Nicoll, D.** A dental nutrition program in a community. *Commonwealth, Bost.*, 1936, 23: 50-3.—**Bull, F. A.** Long-needed dental hygiene program is established. *Bull. Bd Health Wisconsin*, 1936-41, 6: No. 6, 15-7.—**Cady, F. C.** Responsibilities of the health department in the promotion of the dental health program. *Health Off., Wash.*, 1939, 4: 178-81.—**Conboy, F. J.** Public dental health activities in Canada. *Med. Off., Lond.*, 1927, 37: 143.—**Cox, W. J.** The dental clinic as a unit of the public health service. *Ibid.*, 1925, 33: 211-4. Also *Brit. J. Dent. Se.*, 1925, 68: 67-85.—**Cramer, M. S.** The school dental clinic. *Baltimore Health N.*, 1930-31, 7: 8: 143.—**Dental care and national health.** *Statist. Bull. Metrop. Life Insur.*, 1941, 22: 12-4.—**Dental diagnosis and treatment of the insured persons of the Health Insurance.** *Dent. Bull., Wash.*, 1931, 2: No. 2, 13-6.—**Downs, R. A.** Dental health is a public health problem. *J. Colorado Dent. Ass.*, 1940, 19: 15-8.—**Elliott, F. C.** The need for dental hygiene in a public health program. *Texas J. M.*, 1939-40, 35: 44-8.—**Godon, C.** Hygiène dentaire publique *Odontologie, Par.*, 1921, 59: 773-80.—**Gythfeldt, T.** Die kariesprophylaktische Arbeit in den kommunalen Schulzahnkassen in Oslo; vorläufige Mitteilung. *Ber. Internat. Zahnärztekongr.* (1936) 1937, 9. Kongr., 1: 829-36.—**Hogebloom, F. E.** What about dental health insurance? *Internat. J. Orthodont.*, 1933, 19: 836-48.—**Holdway, D. E.** Dental benefit

under the National Health Insurance Act. *Guy's Hosp. Gaz., Lond.*, 1935, 49: 241-6.—**Kendall, F. I.** Organized dental hygiene. *J. Dent. Hyg. Ass.*, 1931, 2: 9.—**Killip, M. H.** Community dental service as demonstrated at Children's Dental Clinic, Cook County Hospital, Chicago. *J. Am. Dent. Ass.*, 1925, 12: 1260-4.—**Lenhardtson, A.** Die Erfolge eines ständigen internationalen Komitees für öffentliche Mundhygiene. *C. rend. Congr. dent. internat.*, 1909, 5. Congr., 2. Teil, 525-9.

Die Stellung der öffentlichen Mundhygiene in Schweden. *Ibid.*, 584-7.—Le développement de l'hygiène dentaire publique, rapport. *Odontologie, Par.*, 1913, 49: 5-8.—**Lenroot, K. F.** The place of dental hygiene in a maternal and child health program. *J. Am. Dent. Ass.*, 1939, 26: 263-9.—**Lyon, H. J.** The dental profession and the public health services congress, 1938. *Brit. Dent. J.*, 1938, 65: 568-73.—**Meaker, S. R.** Les soins dentaires à l'école; hygiène de la bouche et des dents dans les écoles officielles de l'Etat de New York. *Odontologie, Par.*, 1926, 64: 749-54.—**Miller, E. W.** Dental program in industry. *Indust. M.*, 1941, 10: 104-6.—**Morris, E. W.** Dental health; what constitutes a good health program for a given community? *Health Off., Wash.*, 1939, 4: 136-9.—**Näpstek, V.** [Reorganization in dental care of school children with special reference to focal infection] *Vest. česk. lek.*, 1936, 48: 66-8.—**Owen, J. F.** Dental health activities in Kentucky. *Bull. Dep. Health Kentucky*, 1937, 9: 209; 346.—**Petrich.** Tägliche Zahnpflege in den Landschulen. *Off. Gesundheitsdienst*, 1936-37, 2: B, 313.—**Phillips, H. E.** Some phases of health-insurance trends in their relation to the dental profession. *J. Dent. Res.*, 1932, 12: 41-74.—**Pichler, H.** Vorbeugung in der Krankenkassen-Zahnheilkunde. *Wien. klin. Wschr.*, 1937, 50: 997-9.—**Potter, W. H.** Dental Hygiene Council of Massachusetts. *C. rend. Congr. dent. internat.*, 1909, 5. Congr., 2. Teil, 508-10.—**Smith, A. W.** Industrial dental dispensaries; being the report of the correspondent (1920) Dental Society of the State of New York. *Dent. Cosmos*, 1920, 62: 1097-104 [Discussion] 1133-9.—**Stuck, E.** Neue Wege der deutschen Jugendzahnpflege. *Atti Congr. internat. stomat.* (1935) 1936, 2. Congr., 1: 224-8.—**Thomson, H. S.** The Canadian Dental Hygiene Council; its organization, objects and programme, together with published reports of campaigns in the various provinces. *Brit. Dent. J.*, 1931, 52: 505-9.—Public dental health in Canada. *Dominion Dent. J.*, 1932, 44: 278-84. Also *Oral Health, Toronto*, 1933, 23: 3-12.—**Torrent, P.** La hygiène dentaire scolaire. *Sem. méd., B. Air.*, 1911, 18: 98-110.—**Turner, J. G.** What steps can be taken to improve the teeth of the nation. *J. State M., Lond.*, 1918, 26: 269-82.—**Westwell, A. E.** The importance of an adequate dental program. *Commonwealth, Bost.*, 1939, 26: 138-41.—**Witthaus, C. H.** Die Registration des Status praesens und die Behandlung als Mittels zur Propagation der Zahnhygiene. *C. rend. Congr. dent. internat.*, 1909, 5. Congr., 2. Teil, 522-5.—**Zawels, E., & Zawels, E.** Higiene dental del niño; su organización en los asilos. *Sem. méd., B. Air.*, 1918, 25: 348-54.

Dental care: Health education.

DIRKSEN, H. *Aufgaben und Ausbau zahnärztlicher Propaganda [Heidelberg] 43p. 8°. Mannheim, 1937.

Brauer, J. C. The Iowa plan for dental health education. *Commonwealth, Bost.*, 1939, 26: 106-8.—**Bryant, D.** The dental hygiene program of the Maine State Bureau of Health. *J. Am. Dent. Ass.*, 1933, 20: 1110-2.—**Bull, F. A.** Dental health through school programs. *Bull. Bd Health Wisconsin*, 1938-39, 6: No. 10, 11-3.—Dental poster contest is statewide success. *Ibid.*, 1939, 6: No. 14, 9.—**Cady, F. C.** The promotion of dental health. *Papers Health Work. Conf. Tennessee*, 1938, 10: 197-210.—**Caldwell, W. B.** An oral hygiene campaign. *Dental Bull. Wash.*, 1934, 5: 132-6.—**Corley, J. P.** Oral hygiene: Inauguration of the present movement. *Tr. Nat. Dent. Ass.*, 1910, 457-63.—**Deatherage, C. F.** Dental health education in the State of Illinois. *Illinois Dent. J.*, 1939, 8: 497-501.—**Dental hygiene propaganda.** *Med. Off., Lond.*, 1925, 33: 43.—**Dewey, M. L.** What about educational publicity? *Oral Hyg., Pittsb.*, 1932, 22: 728-42.—**Dickinson, H. L.** Public dental education from the viewpoint of the profession. *Dent. Rev.*, 1912, 26: 579-81.—**Drain, C. L.** The Iowa plan for dental health education promoted by the Bureau of Dental Hygiene, State University of Iowa, 1932-33. *J. Am. Dent. Ass.*, 1933, 20: 1524.—**Easlick, K. A.** Dental health education; can school children get it? *Michigan Pub. Health*, 1938, 26: 48-51.—**Erlenbach, F. M.** Resumé of school dental hygiene program, 1936-37. *Connecticut Health Bull.*, 1937, 51: 220.—**Funk, J. C.** Going to the public with dental health education. *Pennsylvania Health*, 1934, 12: 14-7.—**Green, E. B.** Dental health education in New South Wales. *Med. J. Australia*, 1933, 2: 482.—**Griffis, W. M.** The state association's part in the oral hygiene propaganda. *Tr. Nat. Dent. Ass.*, 1910, 435-45.—**Hilleboe, G. L.** How dental health may be taught in the public schools. *Internat. J. Orthodont.*, 1934, 20: 63-9.—**Hoffman, O. E.** Dental health education. *Iowa Pub. Health Bull.*, 1940, 54: No. 4, 4-7.—**Hopkins, F. B.** Health education in the field of dentistry. *Commonwealth, Bost.*, 1937, 24: 208-14.—New activities in the dental hygiene program. *Ibid.*, 1938, 25: 53-7.—& **Latimer, J. V.** The teaching unit on teeth and their care as developed in the South Egremont rural school. *Ibid.*, 1937, 24: 177-81.—**Jones, W. E.** Dental education of the public. *Brit. Dent. J.*, 1936, 60: 64-7.—**Lazzaro, F.** Propaganda igienica odontoiatrica

fra maestri e scolari. Riv. ital. stomat., 1938, 7: 141-7.—**McFall, W. T.** Educational principles in public dental health instruction. Internat. J. Orthodont., 1934, 20: 1006-12.—**McKellar, A. P.** Dental health exhibits. Commonwealth, Bost., 1939, 26: 148-52.—**Marsh, T. L.** Report upon public dental health education. J. Canad. Dent. Ass., 1938, 4: 16-20.—**Miller, I. F.** The problem of dental health education. Univ. Pittsburgh Bull., 1936, 33: 315.—**Smith, C. C.** Public dental health. Internat. J. Orthodont., 1933, 19: 1277-85.— Correlating dental health instruction with the modern public school program. Ibid., 1934, 20: 74-85.—**Sutton, W. A.** Health and education. J. Am. Dent. Ass., 1925, 12: 273-82.—**Tambling, D. F.** How to conduct a dental campaign. Pub. Health Michigan, 1919, n. ser., 7: 401-7.—**Thornton, R. D.** Is the dental health educational program worth the money? J. Canad. Dent. Ass., 1939, 5: 149-51.—**Wheeler, H. L.** Evidences of the need of popular dental hygiene in America. C. rend. Congr. dent. internat., 1909, 5. Congr., 2. Teil, 519-22.—**Wisani, J. M.** New Jersey State Dental Society program; dental health education. Commonwealth, Bost., 1939, 26: 121-3.

— Diagnostic and consultation service, and health centers.

See also **Diagnosis; Dispensary; Health board;** also under such names as **Cancerology; Hospitals; Marriage, Premarital examination; Life extension, &c.**

BONGARD-POIRET, C. Projet de création d'un centre médical consacré aux examens préventifs périodiques. 64p. 8° Par., 1935.

GLIKSMAN, H. *Organisation actuelle des services d'hygiène en Pologne; le centre d'hygiène. 40p. 8° Par., 1933.

[**WILLIAMSON, G. S., & PEARSE, I. H.**] Biologists in search of material; an interim report on the work of the Pioneer Health Centre, Peckham. 104p. 8° Lond. [1938]

Abuse of dispensaries [France] J. Am. M. Ass., 1938, 110: 670.—**Accevedo Diaz, M.** Cajas de salud o de auxilio social. Colombia méd., 1940, 2: 88-90.—**Arnsen, J. O.** Diagnosis in Dakota. Mod. Hosp., 1939, No. 4, 73.—**Baehr, G.** A consultation service for patients of moderate means (report of the first 2 years) J. Am. M. Ass., 1934, 102: 1305. — A consultation service limited to patients of low income; report after 7 years of operation. Ibid., 1939, 113: 1135-8.—**Barros Barreto, J. de, & Fontenelle, J. P.** O sistema dos centros de saúde no Rio de Janeiro. Arch. hyg., Rio, 1935, 5: 83-117, ch.—**Beresteckho, L.** [Method of hygienic consultation in clubs for sanitary education] Profil. med., Kharkov, 1927, 6: No. 12, 98-100.—**Bradbury, S. O. P. D.** Consultation service: to doctors of the poor, to family social workers. Mod. Hosp., 1934, 42: 76-8.—**Bron, T. M.** [One year's work in a one-man dispensary] Mosk. med. J., 1930, 10: 12-25.—**Burlingame, C. C.** From the family doctor to the medical center. Nation's Health, Chic., 1925, 7: 801-4.—**C. J. H. Finsbury** health centre. Nurs. Times, Lond., 1938, 34: 1084.—**Colton, M. K.** Part-time public health center started on edge of the Arctic Circle. Hospitals, 1941, 15: No. 3, 39-42.—**Conybeare, J. J.** Periodical health examinations for policy holders. Tr. Assur. M. Soc., Lond. (1936-37) 1938, 121-45.—**Cory, J. W. E.** Periodical examination of insured persons. Brit. M. J., 1938, 2: Suppl., 273.—**Crampton, C. W.** The friendly clinic helps cause of health examinations. Nation's Health, Chic., 1926, 8: 517; 582.—**Davis, M. M., jr.** Medical examinations as a factor in social work. Proc. Nat. Conf. Social Work, 1924, 51: 226-31.—**Dimitriev, S. S.** [Organization of the one-man dispensaries] Mosk. med. J., 1930, 10: 9-11.—**Dyke, S. C.** The laboratory and the national health insurance service. Brit. M. J., 1938, 2: Suppl., 176-8.—**Emerson, C. P.** The hospital as a health center. Proc. Nat. Conf. Social Work, 1926, 53: 205-11.—**Fontenelle, J. P.** O Centro de Saude de Inhauma em 1929. Fol. med., Rio, 1930, 11: 100; 115.—**Gamma, C.** La diagnosi clinica come funzione sociale. Atti Accad. fisocr., Siena, 1935, 11. ser., 3: Suppl., 83-6.—**Gonse-Boas.** Les centres de santé. J. méd. Paris, 1937, 57: 728. — La conception actuelle des centres de santé; l'état de la question en France. Rev. hyg. méd. sociale, Par., 1939, 18: 33-42.—**Havicek, J., Uklein, V., & Albert, B.** Study of a health centre and university medical school at Prague. Nosokomeion, Stuttgart, 1938, 9: 202-21.—**Health** advice should be as free as air and water. J. Am. M. Ass., 1936, 107: 1972.—**Hiscock, I. V.** Health centers. Yale J. Biol., 1932, 4: 295-300.—**Huang, T. F.** The development of health centres. Chin. M. J., 1939, 55: 546-60.—**Kaufmann, F.** Die freiwillige periodische ärztliche Beratung in der Lebensversicherung. Münch. med. Wschr., 1926, 73: 406-8.—**Korach, A.** Die periodische Untersuchung Gesunder in ihrer Bedeutung für Sozialversicherung und Volksgesundheitspflege. Klin. Wschr., 1926, 5: 1191-3.—**Langen, C. D. de** [Medical examination in Public Health Service] Geneesk. tscr. Ned. Indië, 1935, 75: 1485-9.—**Levy, A. J.** The Straus health center in Jerusalem. In Med. leaves, 1939 (A. Levinson) Chic., 106-11.—**Magalhães Netto, F. P., & Chaves, W.** Os centros de saúde na organização sanitária

bahiana. Ann. Congr. brasil. hyg., 1929, 5. Congr., 2: 137-48.—**Marlette, E. S.** Early diagnosis campaign; the rural Hennepin County plan. Minnesota M., 1940, 23: 471-8.—**New** university health building. J. Am. M. Ass., 1940, 115: 310.—**Nikitsky, S. A.** [System of the one-man dispensaries] Mosk. med. J., 1930, 10: 1-8.—**Oviatt, S.** Community health centers. Hospitals, 1940, 14: No. 12, 49-52.—**Peckham** (The) health experiment. Brit. M. J., 1938, 2: 131.—**Pioneer** (The) health centre. Lancet, Lond., 1937, 2: 173.—**Platt, P. S.** The social significance of health centers. Proc. Nat. Conf. Social Work, 1921, 48: 162-7.—**Pomeroy, J. L.** The public health center. California West. M., 1931, 35: 163.—**Rubinow, I. M.** Health insurance in relation to the public dispensary. Am. M. Ass. Bull., 1915-16, 11: 356-66.—**Sarraz-Bournet, M.** L'hôpital centre de santé du point de vue administratif. Nosokomeion, Stuttgart, 1935, 6: 34-8.—**Schlumm.** Das Beobachtungskrankenhaus im Dienste der Krankenversicherung. Vertrauensarzt, 1936, 4: 25-30.—**Soothill, V. F.** Periodical examinations by health insurance practitioners. Med. Off., Lond., 1937, 58: 69.—**Spiers, M. L.** How Berkeley Health Center functions. Mod. Hosp., 1927, 28: No. 6, 55-61.—**Tobey, J. A.** The promotion of periodic health examinations; the health examination campaign of the National Health Council. Proc. Nat. Conf. Social Work, 1924, 51: 221-5.—**Vilanova, M. A.** Boletín de salud anual obligatorio para todos los ciudadanos nacidos o no en los países centroamericanos y Panamá desde la edad de 12 años. Bol. San. Guatemala, 1938, 9: 139-42.—**Warner, E. F.** Periodic medical examination among children and young people. Med. Woman J., 1938, 45: 304-6.—**Wilinsky, C. F.** The health center. Am. J. Pub. Health, 1927, 17: 677-82.—**Williams, H. M.** The Druid Health Center of the Baltimore City Health Department. Nat. Negro Health News, 1940, 8: No. 2, 6.—**Woolwich** health centre. Nurs. Times, Lond., 1939, 35: 65.

— Disability service.

See **Blind; Cripple; Disability; Disabled; Disease, chronic; Occupation; Workmen's compensation, &c.**

— Emergency service.

See also **Accidents; Ambulance; Disaster; Earthquake; Emergency; First aid; Flood; War, &c.**

RICHARDS, G. L. The medical work of the Near East Relief; a review of its accomplishments in Asia Minor and the Caucasus during 1919-20. 37p. 8° N. Y., 1923.

Dappert, A. F. Emergency work of the division of sanitation during the New York State flood of 1935. J. N. England Water Works Ass., 1935, 49: 376-94.—**Emergency** medical service. Lancet, Lond., 1940, 2: 278-81. Also Brit. M. J., 1939, 2: Suppl., 215.—**Foster, W. S.** The legal side of payment for emergency care. Hosp. Management, 1936, 42: 18.—**Pinkham, C. B.** Concerning State Medical Board's interpretation of emergency medical care. California West. M., 1937, 46: 344.—**War** notice; Emergency Medical Service revised terms. Brit. M. J., 1940, 2: Suppl., 37.—**Wilbur, R. L.** Medicine in national emergencies. Fed. Bull., Chic., 1941, 27: 72-8.

— Epidemiological service.

See **Communicable disease; Epidemiology; Immunization; Infectious disease;** also under proper names of infectious diseases.

— Family service.

See also **Family, Economic and social aspect.** **ALBRECHT, G.** Die Familienhilfe in der Krankenversicherung. 79p. 8° Berl., 1937.

KREIL, J. Die Familienkrankenpflege in der deutschen Krankenversicherung. 70p. 8° Berl., 1937.

Allowances for large families. J. Am. M. Ass., 1937, 109: 1648.—**Buell, B.** Social planning for family health. Pub. Health Nurs., 1938, 30: 405-11.—**Chajes, B.** Die Familienversicherung in der Krankenversicherung als Mittel zur Bekämpfung der Volkskrankheiten. Med. Reform., Berl., 1911, 19: 253-8.—**Charles, J. A.** The organization of the domiciliary medical service. Pub. Health, Lond., 1934-35, 48: 170-2.—**Engel.** Familienfürsorge im Rahmen des öffentlichen Gesundheitsdienstes. Off. Gesundheitsdienst, 1937-38, 3: 233-46.—**Falk, J. H.** The function and organization of a family work agency. Pub. Health J., Toronto, 1920, 11: 422-5.—**Ichok, G.** L'assistance médicale à domicile. Progr. méd., Par., 1934, 333-8.—**Jakobart, H.** Familienfürsorge auf dem Lande. Zschr. Kinderschutz, 1935, 27: 95-9.—**Klose, F.** Staatliche Gesundheitsämter und Familienfürsorge. Off. Gesundheitsdienst, 1935-36, 1: A. 937-45.—**Lankes.** Familienfürsorge und Bezirksfürsorgearzt. Zschr. Schulgesundh., 1927, 40: 553.—**Lépine, J., & Rist, E.** L'assistance médicale préventive et curative dans la vie familiale. Rev. philanthrop., Par., 1932, 52: 569.—**Maurel, B.** Les allocations familiales; obligations

nouvelles; avantages accordés. Concours méd., 1940, 62: 1247-9.—**Pooler, H. W.** Medical treatment for the wage-earner's family. *Mat. & Child Welf.*, Lond., 1930, 14: 273-5.—**Rott, F.** Gesundheitsfürsorge für die Familie. *Fortschr. Gesundheitsförs.*, 1932, 6: 181.—**Smith, L. M.** A family relief agency participating in the community program for medical care. *Tr. Am. Hosp. Ass.*, 1933, 35: 492-6.—**Zimdars.** Familienfürsorge als Aufgabe des Gesundheitsamtes. *Oeff. Gesundheitsdienst*, 1939-40, 5: A, 431-40.

Gynecological and obstetrical service.

See Gynecology; Maternity; Pregnancy, &c.

Health education.

See also subheadings Dental care; Health promotion service.

DALEY, W. A., & VINEY, H. Popular education in public health. 210p. 8°. Lond., 1927.

Akin, C. V. The present status of public health education. *Am. J. Pub. Health*, 1940, 30: 1436-42.—**Anderson, J. T.** A need in rural health education. *J. Health, Ann Arb.*, 1936, 7: 147; 208.—**Andrade, C.** La importancia de la propaganda higiénica. *Salubridad, Méx.*, 1930, 1: 1113-5.—**Anundsen, G.** Public-health education. *Pub. Health Bull.*, Wash., 1923, 136: 220-34.—**Armstrong, D. B.** Health advice; what does the public want and need? *Boston M. & S. J.*, 1926, 195: 305-10.—**Atkinson, R. C. E.** Health education and the development of a public sense. *Med. J. Australia*, 1926, 2: 654-60.—**Barber, H.** Clinical wisdom and health propaganda. *Brit. M. J.*, 1932, 2: 196-9.—**Barksdale, I. S.** Some instructive experiences in public health work. *South. M. & S.*, 1932, 94: 641-50.—**Bates, G.** Public health education and national health. *Canad. Pub. Health J.*, 1936, 27: 13-9.—**Bauer, W. W.** The American Medical Association and its interest in health education. *Bull. Am. M. Ass.*, 1934, 29: 85-8.—**Helping the doctor in health education.** *Ibid.*, 1936, 31, 4: 77-9.—**The doctor as a health educator.** *Bull. Am. Soc. Cancer*, 1936, 18: No. 1, 1-4.—**Teaching the public about health.** *N. Orleans M. & S. J.*, 1936-37, 89: 668-73.—**The influence of health education upon the practice of medicine.** *Illinois M. J.*, 1939, 76: 519-24.—**Baxter, A. C.** Who and what to believe about health. *Bull. Chicago M. Soc.*, 1938-39, 41: 708.—**Beattie, N. R.** Public education in health. *Med. Off., Lond.*, 1928, 39: 85-8.—**Beggs, S. T.** Health education. *J. R. San. Inst.*, 1927-28, 48: 344-7.—**Berger.** Gesundheitliche Volksbelehrung auf dem Lande. *Zschr. Schulgesundh.*, 1927, 40: 428-30.—**Bermúdez, S.** Acerca de la propaganda higiénica. *Bol. Of. san. panamer.*, 1936, 15: 443-9.—**Better health through education.** *Nat. Negro Health News*, 1939, 7: 1-4.—**Bowes, G. K.** Some doubts about health education. *Med. Off., Lond.*, 1938, 60: 118.—**Burke, B. R.** Messages of health to the public. *Bull. Fulton Co. M. Soc.*, 1939, 13: No. 16, 11.—**Burnette, N. L.** Public health education. *Am. J. Pub. Health*, 1936, 26: 829-35.—**Burrell, H. L.** A new study of the medical profession; the education of the public in scientific medicine. *Med. Fortnightly*, 1908, 33: 313-7.—**Bustamante, M. E.** Educación sanitaria por aplicación práctica de los conocimientos de higiene. *Gas. méd. México*, 1937, 67: 651-63.—**Carrera Andrade, A.** La necesidad de educación médica en el público. *Labor méd., Méx.*, 1938, 6: 133.—**Carruthers, Z.** Exploring in the land of health. *Mother & Child*, 1923, 4: 461-7.—**Adventures in health education; and so they lived happy and healthy ever after.** *Ibid.*, 566-71.—**Chope, H. D.** Health education for the community. *Commonhealth, Bost.*, 1937, 24: 194-7.—**Coady, M. M.** Educating the masses. *Canad. Nurse*, 1938, 34: 477-82.—**Coffey, A. B.** Progressive health education. *Common Health, Bost.*, 1934, 21: 135-7.—**Connolly, M. P.** How successful is health education among working people? *Tr. Nat. Tuberc. Ass.*, N. Y., 1934, 30: 286-91.—**Cornely, P. B.** Health education—an urgent need in Negro colleges. *Nat. Negro Health News*, 1940, 8: No. 2, 11-4.—**Croisade de la santé.** *Bull. Min. san. pub.*, Brux., 1937, 2: 11-42.—**Cumming, H. S.** Community responsibility for health education. *Illinois M. J.*, 1927, 51: 194-9.—**Definition of terms in health education; committee report of the health education section of the A. P. E. A. J. Health, Ann Arb., 1934, 5: No. 10, 16-51.—**Devine, E. T.** The profession and the Bellevue-Yorkville Health Demonstration. *N. York State J. M.*, 1929, 29: 582.—**DeWeese, A. O.** Medical leadership in health education. *J. Lancet*, 1935, 55: 739-41.—**Drenckhahn, V. V.** Community health education. *J. Am. Diet. Ass.*, 1938, 14: 512-6.—**Dublin, L. I., & Calver, H. N.** Health education for the millions. *Am. J. Pub. Health*, 1938, 28: 117-22.—**Dunstan, E. M.** The hospital and health education. *Hospitals*, 1938, 12: No. 10, 84-6.—**Earshman, E. A.** Changing aspects of health teaching. *Canad. Nurse*, 1939, 35: 89-92.—**Educación popular sobre los problemas higiénicos y sanitarios.** *Rev. hig., Bogotá*, 1940, 21: No. 9, 48-63.—**Efimov, D.** [Sanitary education; its importance and place in Soviet health preservation] *Profil. med.*, Kharkov, 1927, 6: No. 12, 85-98.—**Elliston, G. S.** Public opinion and public health. *J. State M.*, Lond., 1937, 45: 322-8.—**Farmer, T. P.** The educational program of State Medical Association. *Bull. Am. M. Ass.*, 1933, 28: 91.—**Fassbender, M.** Der Arzt als Volkserzieher zur Lebensreform. Hippokrates, Stuttg.,**

1938, 9: 846-9.—**Fenton, J.** Knowledge is the key to health. *Pub. Health, Lond.*, 1937-38, 51: 39-43.—**For your health's sake** [radio script] *Georgia Malaria Bull.*, 1939, 2: 31; 84.—**Forbes, G. D.** Community health education. *N. York State J. M.*, 1935, 35: 1031-4.—**Frey.** Der Arzt als Gesundheitslehrer. *Deut. med. Wschr.*, 1927, 53: 455-7.—**Gaitán, L.** La educación sanitaria, como base fundamental de todo trabajo de higiene pública, debe unificarse en Centro-América. *Bol. san. Guatemala*, 1938, 9: 430-3.—**Galdston, I.** The psychological factors of health education. *Am. J. Pub. Health*, 1936, 26: 171-5.—**Health promotion by education.** *West Virginia M. J.*, 1936, 32: 149-50.—**The cultural background of the health educator.** *Lancet, Lond.*, 1939, 2: 233-5.—**Gebhard, B.** Zur hygienischen Volksbildung. *Zschr. Schulgesundh.*, 1926, 39: 412.—**Gezon, M. A.** Making the community conscious of its girls. *J. Social Hyg.*, 1937, 23: 433-6.—**Glazer, M. A.** [Defects of sanitary education among the insured] *Profil. med.*, Kharkov, 1927, 6: 99-109.—**[Sanitary education before and after the October Revolution.** *Ibid.*, No. 10, 108-20.—**Grau San Martín, R.** Sanidad y educación. *Rev. med. cir. Habana*, 1935, 40: 817-21.—**Hall, J.** Health education. *J. R. San. Inst.*, 1929-30, 50: 450-61.—**Hamid, A.** Development of health education work in the United Provinces. *Ind. M. Gaz.*, 1934, 69: 695-8.—**Health consciousness takes hold in Escambia.** *Health Notes, Jacksonville*, 1938, 30: 131-3.—**Health education.** *City Health, Det.*, 1938, 22: 414.—**Health (The) officer at the A. M. A. meeting: Symposium on health education.** *Health Off., Wash.*, 1937, 2: 95-100.—**Henry, J.** World health pilgrims. *Mother & Child*, 1923, 4: 407.—**Higby, W. F.** Health education of the public. *Am. J. Pub. Health*, 1940, 30: 278-86.—**Hirsh, J.** Wanted: more health education. *Health Off., Wash.*, 1939, 4: 293-7.—**Hiscock, I. V.** Public health education. In *Pract. Libr. M. & S.* (Appleton) N. Y., 1937, 12: 506-15.—**Community health education.** *Am. J. Pub. Health*, 1940, 30: 516-22.—**Ichok, G.** La propaganda d'hygiène. *Paris méd.*, 1935, 96: annexe, 71-80.—**Jean, S. L.** Success and failure in health promotion. *Trained Nurse*, 1936, 97: 221-5.—**Kenwood, H. R.** The health education of the citizen. *J. State M.*, Lond., 1932, 40: 125-37.—**Kleinschmidt, E. E., & Kleinschmidt, G. J.** The health officer as a health educator. *Health Off., Wash.*, 1937, 2: 158-60.—**Konovalov, K. A.** [Review of the 5 year health campaign in Soviet Russia] *Vrach. gaz.*, 1930, 34: 7-15.—**Kuhn, P.** Bringt die hygienische Volksbelehrung für die Therapie einen Nutzen? *Fortschr. Ther.*, 1932, 8: 241-3.—**Lambdin, H. L.** The patient and the public; the community aspect of health education. *Hospitals*, 1937, 11: No. 10, 47.—**Lancaster, M. D.** The value of health education as seen by the layman. *Illinois M. J.*, 1933, 63: 31-3.—**Landa, E.** La acción educativa del Departamento de Salubridad Pública. *Salubridad, Méx.*, 1930, 1: 1085-94.—**Latimer, J. V.** Health education becomes one of the social sciences. *Commonhealth, Bost.*, 1936, 23: 279.—**New materials in health education.** *Ibid.*, 1938, 25: 67.—**Lewis, D. J.** The effectiveness of public health education from the general physician's point of view. *Illinois M. J.*, 1933, 63: 33-7.—**Lifshitz, J.** [New phase of sanitary education in Ukraina] *Profil. med.*, Kharkov, 1927, 6: No. 8-9, 96-103.—**Lombard, H. L.** Education a major need in adequate medical care. *J. Am. M. Ass.*, 1938, 111: 1747-9.—**Luros, P.** Educación sanitaria. *Bol. Of. san. panamer.*, 1939, 18: 647-53.—**MacMaster, J.** Problems in teaching rural lay groups. *Pub. Health Nurs.*, 1935, 27: 311-5.—**March, N.** Health education and propaganda. *J. State M.*, Lond., 1934, 42: 146-8.—**Martin-Cano, C.** Importancia de la visita periódica a los centros primarios de higiene rural por la instructora de sanidad. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1. Congr., 3: 210-5.—**Moll, A. A.** Decálogo sanitario. *Bol. Of. san. panamer.*, 1939, 18: 212.—**Morgan, A. C.** A practical health talk. *Med. World*, 1937, 55: 389-91.—**Neal, M. P.** Health education for the public. *South. M. J.*, 1940, 33: 763-8.—**Nickerson, E. C.** Presenting health to the public. *Connecticut Health Bull.*, 1938, 52: 106-9.—**Trends in health education.** *J. Connecticut M. Soc.*, 1939, 3: 79.—**Organización de la educación sanitaria en las repúblicas de América.** *Bol. Of. san. panamer.*, 1940, 19: 1029-31.—**Padilla Roqué, C. M.** Educación sanitaria popular. *Sem. méd.*, B. Air., 1940, 47: pt 2, 1247-50.—**Parent-teachers and public health.** *Connecticut Health Bull.*, 1940, 54: 167-71.—**Parsons, R. I., & Turner, C. E.** Health education in the city of Boston. *N. England J. M.*, 1933, 208: 19; 81; 134.—**Patty, W. W.** Outcomes of health education; knowledge; habits and skills; attitudes. *J. Health, Ann Arb.*, 1934, 5: 34-62.—**Paz Soldán, C. E.** La enseñanza de la higiene en Estados Unidos y en Europa; impresiones de viaje. *Reforma méd.*, Lima, 1936, 22: 523-6.—**Pfaffmann, M.** Health education by a hospital dispensary. *Common Health, Bost.*, 1934, 21: 148-53.—**Phair, J. T., Power, M., & Roberts, R. H.** An experiment in health teaching in Ontario. *Canad. Pub. Health J.*, 1937, 28: 166-78.—**Pozerski de Pomiane.** L'hygiène alimentaire et l'éducation populaire. *Bull. Soc. sc. hyg. aliment.*, Par., 1937, 25: 111-5.—**Prausnitz.** Questions d'enseignement de l'hygiène; les conférences de Paris et de Dresde. *Rev. hyg.*, Par., 1930, 52: 897-908.—**Pray, K. L. M.** The community's role in health promotion. *Pub. Health Nurs.*, 1940, 32: 428-33.—**Public (The) health education sessions at the 66th annual meeting of the American Public Health Association.** *Health Off., Wash.*, 1937, 2: 259-67.—**Public health education.** *Health Bull.*, Hartford, 1938, 3: No. 8 [1]—**Ramali, A.** [Medical

- sanitary propaganda in some Mohammedan districts] Geneesk. tsehr. Ned. Indië, 1933, 73: 674; 879.—**Remmelts, R.** [Health propaganda in East Indian villages] *Ibid.*, 1936, 76: 97-110.—**Richardson, B. K.** The value of public health instruction and public health work as seen by the public health official. Illinois M. J., 1933, 63: 41-56.—**Riggin, I. C.** How can the health officer make greater use of the health education specialist? Am. J. Pub. Health, 1940, 30: 921-4.—**Risquez, F. A.** La Cruzada sanitaria. Bol. Min. san., Caracas, 1938, 2: 1520; 1638.—**Rochlin, S.** [Crisis in sanitary education] Belaruss. med. dumka, 1927, 3: 24-8.—**Rodríguez Pereyra, A.** [La campaña sanitaria en los pueblos del interior. Bol. educ. san., Caracas, 1940, 3: No. 63, 10.—**Rowell, H. G., & Tobey, J. A.** Need for health instruction in cleanliness. Am. J. Pub. Health, 1935, 25: 1237-40.—**Samuelson, A.** Education moving forward. J. Health Phys. Educ., 1936, 7: 359-61.—**Sand, R.** L'éducation populaire dans le domaine de l'hygiène. Rev. hyg., Par., 1927, 49: 721-41.—**Schrader, C. L.** Health education from the aspect of the physical education director. Common Health, Bost., 1934, 21: 179-82.—**Shepard, W. P.** Recent progress in health education. Am. J. Pub. Health, 1937, 27: 454-63.—**Sokolov, V.** [Current problems of sanitary education in White Russia] Belaruss. med. misl, 1924-25, 2: 4-6, 34-7. Also Belaruss. med. dumka, 1925, 2: 91-5.—**Spencer, R. R.** The Commonhealth; we should worry! Mass emotions. Health Off., Wash., 1938, 2: 622-30.—**Stephan.** Der Arzt als Gesundheitslehrer. Klin. Wschr., 1928, 7: 606-8.—**Stofer, J. W.** Medical education of the public. Southwest. M., 1924, 8: 305-8.—**Strashun, I. D.** [Sanitary education: crisis or step forward] Profil. med., Kharkov, 1927, 95-9.—**Turner, C. E.** Health education in the city of Boston. School Physicians Bull., 1933, 3: No. 3, 16. — The supervisor of health education; responsibilities and training. Common Health, Bost., 1934, 21: 175-7. — Present trends in health education. Pub. Health Nurs., 1937, 29: 499-502. — Educating the public for health. Illinois Health Mess., 1940, 12: 19-23. — & **Stimpson, M. R.** Evaluating the health education program of a health department. Am. J. Pub. Health, 1940, 30: 771-4.—**Uher, J.** [Health as a part of the national program of education] Cas. lek. česk., 1938, 77: 284-7.—**Ulmer, E.** Pioneering in health education. Pub. Health Nurs., 1935, 27: 193-6.—**Underwood, F. J.** Need for and value of an intensive program of health education in state health departments. Am. J. Pub. Health, 1937, 27: 615-7.—**Vonderlehr, R. A.** The citizen's responsibility for community health. Nat. Negro Health News, 1939, 7: 1-3.—**Weisbach, W.** [National education of girls in hygiene] Groene & witte kruis, 1935, 31: 217-20.—**Weiskotten, H. G.** Developments in education in preventive medicine and public health. Hosp. Social Serv., 1933, 27: 276-82.—**West, F. T.** Health education and the insured person. J. R. San. Inst., 1937-38, 58: 254-64.—**Willard, T. H.** On the need of general education in the matter of public health. Abstr. Proc. Ass. Life Insur. M. Dir. America, 1920-21, 7: 73-87.—**Witzbach, C. A.** Health education. J. Med., Cincin., 1934, 15: 190-2. — Advising the public. Ohio M. J., 1939, 35: 1190-2.
- **Health education: Methods and organization.**
- See also **Health survey; Hygiene, Expositions; Hygiene, Instruction; Physical education; Red Cross; Sport; &c.**
- AMERICAN PUBLIC HEALTH ASSOCIATION.** What to tell the public about health. 2. ed. 271p. 8°. N. Y., 1933.
- BALTIMORE, MD. HEALTH DEPARTMENT.** Keeping well; the second series of radio talks broadcast by the Baltimore City Health Department and the Medical and Chirurgical Faculty of Maryland, November 21, 1933-April 21, 1936. 284p. 8°. Balt., 1937.
- BAUER, W. W., & HULL, T. G.** Health education of the public; a practical manual of technic. 227p. 8°. Phila., 1937.
- CREW, T.** Health compendium and health publicity. 260p. 8°. Sanvey Gate, 1926.
- **Health propaganda (ways & means) with illustrations.** 248p. 8°. Lond. [1935]
- HISCOCK, I. V., CONNOLLY, M. P.** [et al.] Ways to community health education. 306p. 24cm. N. Y., 1939.
- NEW JERSEY. DEPARTMENT OF PUBLIC INSTRUCTION.** The teaching of hygiene and safety. 156p. 8°. Union Hill, N. J., 1915.
- Abel.** Der Arzt als Gesundheitslehrer. Zschr. ärztl. Fortbild., 1927, 24: 401-3.—**Adam.** Methods and aims of popular health education in Germany. World Health, Geneva, 1930, 11: 358-65.—**Ahlert, K.** Neue Wege zur hygienischen Erziehung des deutschen Volkes. Off. Gesundheitsdienst, 1935, 1: B, 123-5.—**Alford, D.** The outstanding benefits derived from Blue ribbon program. Rep. Conf. Tennessee Health Work., 1932, 5: [Discussion] 220-5.—**Ananiev, N. A.** [Problems of social hygiene in the field instruction and scientific work] Gig. san., Moskva, 1939, No. 2-3, 87-96.—**Arbova, G., Roure, V. jr., & Vilanova, J.** The health education program in Puerto Rico. Puerto Rico Health Bull., 1939, 3: 487-96.—**Bache, L. F.** Public health education in Syracuse. J. Outdoor Life, 1927, 24: 287; 306; 358. — Health education program in a city of 100,000. Am. J. Pub. Health, 1928, 18: 581-6.—**Bajla, E.** La propaganda igienica per mezzo di cartelli murali; una iniziativa sotto gli auspici della Reale Società di Igiene. Gior. Soc. ital. igiene, 1923, 45: 25-9.—**Baker, J. N.** Alabama's district health and training demonstration. Health Off., Wash., 1938, 2: 412-4.—**Basis for awards in health conservation contests.** Connecticut Health Bull., 1938, 52: 244-6.—**Bauer, W. W.** The function of the physician in public health education. Proc. Congr. M. Educ., 1934, 33-6. — Public health education through the press, as Dr Bauer aptly says, newspaper publicity by medical societies is not an academic question but a practical and successful reality. Bull. M. Soc. Co. Kings, 1935, 14: p. vii-xvii. Also Memphis M. J., 1935, 10: 19-29. — Health by radio drama; the American Medical Association sponsors something new in radio health programs. *Ibid.*, No. 12, 17-25. Also Bull. Am. M. Ass., 1935, 30: No. 7, 97; 1936, 31: 114. Also Bol. Of. san. panamer., 1936, 15: 137-41. — The doctor in health education. J. Lancet, 1938, 58: 393.—**Blanchard, A.** Health information on the air. Am. J. Pub. Health, 1935, 25: 1081-8. — Technic of radio broadcasting in health education. *Ibid.*, 1937, 27: 796-802. Also Health Notes, Jacksonville, 1938, 30: 133-8.—**Bornstein, K.** Zweck und Ziel der hygienischen Volksbelehrung in Deutschland. Atti Congr. internaz. tecn. san., 1931, 2. Congr., 2: 281-8.—**Bracken, W. M.** How can the public best be educated as to the importance of preventive medicine? S. Paul M. J., 1902, 4: 624-6.—**Bravo, J.** Algunas consideraciones sobre propaganda sanitaria. Crón. méd. mex., 1928, 27: 289-93.—**Bristol, L. D.** The Bellevue-Yorkville Health demonstration. Nation's Health, Chic., 1927, 9: No. 4, 31-3.—**Broughton, P. S.** Criteria for the evaluation of printed matter. Am. J. Pub. Health, 1940, 30: 1027-33.—**Bryan, T. O.** Health literature of government origin. Am. J. Nurs., 1933, 33: 430-2.—**Buck, C. E.** The rural health conservation contest as a factor in rural health development. Am. J. Pub. Health, 1936, 26: 1125-7.—**Burbank, L. O.** The adaptation of public health education to the radio. Commonhealth, Bost., 1939, 26: 161-4.—**Caldwell, B. W.** Opportunities of the surgeon and the hospital in promoting community interest in the proper care of the sick. Bull. Am. Coll. Surgeons, 1933, 17: 27-30.—**Calver, H. N.** The exhibit medium. Am. J. Pub. Health, 1939, 29: 341-6.—**Carlson, M.** Battle Creek College, a health university. Good Health, 1937, 72: 236.—**Catt, O. L.** Health education in the Y. M. C. A. Univ. Pittsburgh Bull., 1936, 33: 293.—**Cavillon.** Etablissement d'un programme national de propagande d'hygiène sociale et d'éducation sanitaire par radio-diffusion. Prophyl. antivénér., Par., 1937, 9: 517-26.—**Chadwick, H. D., & Lombard, H. L.** The health forum. N. England J. M., 1934, 211: 767-9.—**Cheifetz, S.** Work of the health car in Westmoreland County in 1932. Pennsylvania M. J., 1933, 37: 11-5.—**City (The) and rural health conservation contest.** Science, 1939, 90: 458.—**Clark, F.** Public health literature. Tr. Far East. Ass. Trop. M., 1912, 2. Congr., 386-96, 3 pl.—**Colbourne, F.** Spring planting. Mother & Child, 1923, 4: 254-9.—**Colby, L. O.** The little house as a family health teacher. Child Health Bull., 1934, 10: 201-3.—**Connolly, M. P.** Organization of adult groups for health education. Am. J. Pub. Health, 1934, 24: No. 6, 571-5. — What every health officer should know; health education. *Ibid.*, 1938, 28: 1083-6. — Health education through personal contact. Pub. Health Nurs., 1938, 30: 573-5.—**Cornely, P. B.** Administration of health education and health supervision in Negro colleges. Am. J. Pub. Health, 1936, 26: 888-96.—**Crosby, H., & Whipple, K. Z.** Health programs for groups in settlements. Y. M. C. A.'s and Y. W. C. A.'s. Proc. Nat. Conf. Social Work, 1933, 60. Meet., 236-44.—**Currey, D. V.** Health education in a small city. Canad. Pub. Health J., 1934, 25: 538-43.—**Dawson of Penn.** Reflections on the health campaign. Lancet, Lond., 1937, 2: 781.—**De Boer, H. S.** Health propaganda amongst indigenous races in the tropics. J. R. San. Inst., 1938-39, 59: 286-300.—**Denton, W.** Social hygiene day. Puerto Rico Health Bull., 1940, 4: 205.—**Derryberry, M.** Taking the public with you. Health Off., Wash., 1938, 2: 615-21. — How to influence health behavior of adults. *Ibid.*, 1939, 4: 114-7. — & **Weissman, A.** Using tests as a medium for health education. *Ibid.*, 1940, 55: 485-9.—**Deweese, A. M.** Health education in Pennsylvania; how the State association organizes its program. Bull. Nat. Tuberc. Ass., 1937, 23: 85-8.—**Distinguished service—through public education.** Mod. Hosp., 1935, 45: 73-5.—**Dolfinger, E.** The International Health Education conference. Mother & Child, 1923, 4: 259-61. — Books and health education. *Ibid.*, 304-11.—**Driml, K.** Education hygiénique de la jeunesse dans la République Tchécoslovaque. Ann. hyg., Par., 1927, n. ser., 5: 235-7.—**Driscoll, A. J.** Operating an information service; health problems solved at New York City's office. Bull. Nat. Tuberc. Ass., N. Y., 1936, 22: 70-2.—**Edwards, M. S.** Popular health education in simplest terms; an experiment in social hygiene education for Negroes in the city of New Orleans. J. Social Hyg., 1934, 20: 177-83.—**Elimov, A.** [Field sanitary exhibitions on Ukraina railroads] Profil. med., Kharkov, 1927, 6: 115-8.—**Egbert, S.** Methods for extending popular education

- in public health and preventive medicine. *J. Am. M. Ass.*, 1910, 54: 1915-9.—**Emerson, H., Chenoweth, L. B.** [et al.] Symposium on health supervision in colleges; education in health at Cornell University, 1919-20. *Am. J. Pub. Health*, 1921, 11: 309-26.—**Engels.** Dienst am Volk durch Aufklärung auf Jahrmärkten, Send und Kirmess. *Zschr. Medbeamte*, 1927, 40: 73-82.—**Exhibit (An)** of health posters submitted in Hygeia contest. *Hygeia*, Chic., 1925, 3: 31-4.—**Faragó, F.** [Public health and radio] *Népegészségügy*, 1938, 19: 717-22.—**Federal workers attend public health lectures.** *Health Off.*, Wash., 1937, 2: 343-4.—**Federal art project posters.** *Ibid.*, 1938, 2: 539-42.—**Fischer, W.** Das Merkblatt. *Oeff. Gesundheitspfl.*, 1917, 2: 617-32.—**Fitzpatrick, M. V.** Health education coordinated. *Pub. Health Nurs.*, 1936, 28: 451-4.—**Fleming, G.** The tools of the health educator. *Tr. Nat. Tuberc. Ass.*, N. Y., 1933, 29: 300-5.—**For** all our sakes; a new way of presenting popular health education. *J. Social Hyg.*, 1937, 23: No. 7, Suppl., 1-24.—**Fraser R.** What can the university contribute to public health education? *Canad. Pub. Health J.*, 1939, 30: 424-30.—**Frey, G.** Der Unterricht auf dem Gebiete der Gesundheitsfürsorge im Deutschen Reich. *Arch. sozial. Hyg.*, 1925-26, n. F., 1: 132-6. — Gedanken über hygienische Volksbelehrung, ihre Wege und Hilfsmittel. *Arb. Reichsgesundhdm.,* 1926, 57: 232-64.—**Furcolow, M. L.** L'enseignement populaire de l'hygiène aux Etats-Unis. *Bull. Off. internat. hyg. pub.*, Par., 1939, 31: 677-9.—**Gale, G. W.** The rural hospital as an agent in native health education. *S. Afr. M. J.*, 1936, 10: 541-3.—**Garrido Morales, E.** Radio broadcast read over Station WKAQ on National Hygiene Day, February 1st, 1940. *Puerto Rico Health Bull.*, 1940, 4: 73-5.—**Gebarhd, B.** Grenzen und Möglichkeiten gesundheitlicher Volkserziehung. *Arch. sozial. Hyg.*, 1933-34, 8: 429-33.—**Gebarhd, K.** Erziehungsfragen im Behandlungsgang versicherungspflichtiger Kranker. *Deut. med. Wschr.*, 1937, 63: 736-8.—**Gerken, E. A.** Development of a health education program; Navajo Indians. *Am. J. Pub. Health*, 1940, 30: 915-20. — Influencing the health practices of primitive people. *Med. Woman J.*, 1940, 47: 25-30.—**Gibson, J. M.** Publicity's place in the public health program. *South. M. J.*, 1940, 33: 1003-6.—**Glazer, M.** [Certain organization problems of sanitary education] *Profil. med.*, Kharkov, 1927, 6: No. 8-9, 104-11.—**Graziadei, G.** La propaganda igienica fatta coi cartelli ammonitori. *Difesa sociale*, 1926, 5: 11-3.—**Greenman, R. H.** Incentive and methods in health education; adult level; the medical society view. *Am. J. Pub. Health*, 1940, 30: 1211-6.—**Griswold, H. H.** What can the layman do? *Pub. Health Nurs.*, 1938, 30: 89-95.—**Guimarães Ferreira, J. L.** Esboço de um plano de propaganda e educação sanitária nas fabricas. *Fol. med.*, Rio, 1936, 17: 430-2.—**Hamid, A.** Development of health education work in United Provinces. *Ind. M. Gaz.*, 1937, 72: 618-26.—**Harris, R.** Public health education in the public schools. *Bull. Dep. Health Kentucky*, 1934-35, 7: No. 7, 18-20.—**Harris, R. F.** Building a county-wide plan of public health education. *Papers Health Work. Conf. Tennessee*, 1938, 10: 12-20. — Coordination of educational programs of all health workers. *Am. J. Pub. Health*, 1940, 30: 938-43.—**Hartford (The)** community health education program. *Health Bull.*, Hartford, 1939, 4: No. 10 [1-3]—**Health films** available from state board of health. *Health Notes*, Jacksonville, 1940, 32: 98.—**Health intelligence poll** (at the Illinois State Fair). *Bull. Chicago M. Soc.*, 1939-40, 42: 150.—**High school health posters** entered in Hygeia contest. *Hygeia*, Chic., 1924, 2: 753-6.—**Hilgermann, W.** Wie können wir die Lehren der Hygiene in der Bevölkerung dauernd befestigen? *Zschr. Desinfekt.*, 1926, 18: 164; 166.—**Hiscock, I. V.** Set-up and budget for public health education. *Am. J. Pub. Health*, 1936, 26: 593-6.—**Hoar, F. B.** An experiment with motion pictures in health instruction. *Abstr. Theses Univ. Pittsburgh*, 1932, 8: 339.—**Horder, T.** The aims and methods of health education. *Brit. M. J.*, 1926, 2: Suppl., 165-9. Also *Lancet*, Lond., 1926, 2: 795-8.—**Horning, B. G.** The community health education program. *Illinois Health Mess.*, 1941, 13: 20-3.—**Interesting entries in the health poster contest.** *Hygeia*, Chic., 1924, 2: 629-97.—**Jackson, J. W.** The value of the Gorgas memorial essay contest. *Month. Bull. Indiana Div. Pub. Health*, 1937, 40: 113.—**Johan, B.** [The activities in the health demonstration districts] *Orsz. Közegészs. Int. közl.*, 1927-28, 1: No. 21, 1-28.—**Johnson, E. J. B.** Effective press propaganda. *Pub. Health Bull.*, Wash., 1922, No. 125, 69-76.—**Jones, J. H.** A comparison of health knowledge and health instruction at the sixth grade level in certain rural and urban schools. *Abstr. Theses Univ. Pittsburgh*, 1933, 9: 391.—**Jones, M. F.** The Normal College as a factor in the dissemination of public health knowledge in the South. *South. M. J.*, 1918, 11: 624-30.—**Kalben, D.** Public health literature and where to obtain it. *Baltimore Health News* 1930-31, 7: 8: 91.—**Kanevsky, A.** [Experiment in disseminating sanitary instruction among parents] *Profil. med.*, Kharkov, 1927, 6: No. 8-9, 111-6.—**Karaffa-Korbut, K.** [Sanitary stations in the teaching of social hygiene] *Lek. wojsk.*, 1930, 16: 1-15.—**Kauser, R. E.** Health teaching in the Y. W. C. A. *Common Health*, Bost., 1934, 21: 146-8.—**Kayser, C.** Die Presse im Dienste der hygienischen Volksbelehrung. *Deut. med. Wschr.*, 1929, 55: 491.—**Kerr, A. M.** Administrative methods in health education. *J. Health, Ann Arb.*, 1933, 4: 14-60. — Demonstration lessons in health instruction; an unusual but valuable procedure. *Ibid.*, 1935, 6: 16-48.—**King, L. W.** The status of health education in the schools. *J. Am. M. Ass.*, 1939, 113: 65.—**Kleinschmidt, G. J.** An adult health education program in Washtenaw County. *J. Michigan M. Soc.*, 1934, 33: 561-3.—**Kleinschmidt, H. E., & Baumgartner, L.** Keeping up with the job; a project in public health training. *Health Off.*, Wash., 1937, 2: 276-81.—**Knutson, J. W.** Methods of health education. *Ibid.*, 1936-37, 1: 428-35.—**Laird, A. T.** Factors in the promotion of health in Duluth. *Minnesota M.*, 1927, 10: 490-4.—**Latimer, J. V.** What methods will promote health education? *Commonhealth*, Bost., 1937, 24: 170-2.—**Leete, H. L.** The cost of health publicity. *Mother & Child*, 1923, 4: 72-4.—**Leitch, J. N.** A health campaign among 7,000 tea-garden coolies. *Tr. Far East. Ass. Trop. M.* (1927) 1928, 1: 641-52.—**Lifshitz, J.** [Sanitary education and press] *Profil. med.*, Kharkov, 1927, 6: 106-9. — [Problems of sanitary education in the system of health-protection] *Ibid.*, 1928, 7: No. 4, 116-28.—**Lobato Carbayo, L.** Centros primarios de higiene rural y educación sanitaria obligatoria en los pueblos. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1. Congr., 3: 201-4.—**Lockhart, R.** Adult health education. *Ohio M. J.*, 1933, 29: 436.—**Loewenstein, G.** Lässt sich die hygienische Volksaufklärung planwirtschaftlich und einheitlich gestalten? *Med. Welt*, 1927, 1: 1571-4.—**Lorion, H.** L'éducation sanitaire du peuple en Allemagne selon les conceptions de K. A. Lingner. *Rev. hyg.*, Par., 1930, 52: 737-62.—**Los Angeles health defense exposition.** *California West M.*, 1941, 54: 42.—**Lust, F.** Das Haus der Gesundheit in Karlsruhe; eine volkshygienische Lehranstalt und ihre Ziele. *Fortsch. Gesundheitsförs.*, 1930, 4: 291-7.—**McCormack, A. T., & Harris, R. F.** Kentucky's plan for public health education. *Pub. Health Rep.*, Wash., 1937, 52: 1530-5.—**McKellar, A. P., & McCarthy, J. H.** Exhibits and materials for health teaching. *Commonhealth*, Bost., 1937, 24: 189-93.—**Mackintosh, J. M.** Health education and the local authorities. *J. R. Inst. Pub. Health*, 1939, 2: 112-20.—**Magoon, E. H.** Educational work, exhibits for schools. *Pub. Health Bull.*, Wash., 1922, No. 125, 77-82, pl.—**Mikić, F.** Hygienische Volksbelehrung in Jugoslawien. *Gesundh. & Erzieh.*, 1935, 48: 303-9.—**Mobile clinics** subject of Public Health Service exhibit. *Health Off.*, Wash., 1938, 3: 130.—**Molinari, L.** Contributo degli ospedali alla educazione igienica del popolo. *Nosokomeion*, Stuttg., 1938, 9: 89-93.—**Morgan, L. S., & Horning, B. G.** The community health education program; the Hartford plan. *Am. J. Pub. Health*, 1940, 30: 1323-30.—**Mountain, J. W.** Our verbal public health activities. *Pub. Health Rep.*, Wash., 1940, 55: 323-30.—**Naset, R. B.** A channel for health education. *Bull. Bd Health Wisconsin*, 1936-41, 6: No. 9, 9-12.—**Nasliowski, A.** [Hygienic educational problems in children's dispensaries] *Pediat. polska*, 1936, 16: 176-8.—**Nesbitt, E. N.** Building health in the young in Grand Rapids. *Mother & Child*, 1923, 4: 243-7.—**Nickerson, E. C.** Health exhibits at fairs. *Connecticut Health Bull.*, 1936, 50: 250-8. — Health instruction in local communities. *Ibid.*, 1939, 53: 118.—**Nochera, D.** The public health unit as an educational entity. *Puerto Rico Health Bull.*, 1940, 4: 112-6.—**Norton, R.** Impressions from a brief visit to the Northampton health demonstration. *Health Bull.*, Raleigh, 1940, 55: No. 8, 13-5.—**Olesen, R.** What people ask about health. *Pub. Health Rep.*, Wash., 1939, 54: 765-90. A note on modified radio pratique in Guayaquil. *Ibid.*, 1941, 56: 292.—**Palmer, G. T., & Derryberry, M.** Appraising the educational content of a health service program. *Am. J. Pub. Health*, 1937, 27: 476-80.—**Parsons, P. A.** The place of health education in general program of social work. *Tr. Nat. Tuberc. Ass.*, N. Y., 1928, 24: 300-5.—**Peltier, M.** Education hygiénique des populations indigènes; propagande en faveur de l'hygiène sociale. *Ann. méd. pharm. col.*, Par., 1935, 33: 969-76.—**Peter, W. W.** The psychology of public health education. *Am. J. Pub. Health*, 1927, 17: 485-9.—**Peterson, C. B.** Teaching health in a museum. *Trained Nurse*, 1936, 96: 21-7.—**Pinney, J. B.** New brooms and old cobwebs: notes on progress in public information. *J. Social Hyg.*, 1936, 22: 145-64.—**Pittaluga Fattorini, G., Buen Lozano, S. de, & Benzo Cano, M.** Organismos centrales de investigación y enseñanza sanitarias, y sus relaciones con los demás centros sanitarios. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1. Congr., 1: 409-19.—**Pritchard, E. G.** Motion picture films for health and safety education; available from 5 state agencies. *Health Off.*, Wash., 1939, 4: 300-12.—**Public health propaganda and education.** *Ind. M. Gaz.*, 1937, 72: 551.—**Purdy, J. S.** The organisation of propaganda in the interests of public health. *J. R. San. Inst.*, 1936-37, 57: 126-32.—**Rankin, W. S.** Health conservation contest, city and rural, of United States Chamber of Commerce. *Proc. Conf. Health Author. N. America*, 1935, 50: 47-52.—**The health conservation contest; why a rural contest?** *Am. J. Pub. Health*, 1936, 26: 13.—**Rankine, P. S.** The national campaign to encourage a wider use of the health services. *Pub. Health*, Lond., 1936-37, 50: 371-4.—**Report of the Committee to consider and report upon the best means for the medical profession to take part in the education of the general public in medical matters.** *Bull. Am. Acad. M.*, 1908-9, 9: 432-46.—**Rice, T. B.** What shall we teach the public concerning health and diseases? *J. Indiana M. Ass.*, 1934, 27: 13-21.—**Richards, E. B.** The English teacher's contribution to health education in the high school. *J. Health Phys. Educ.*, 1940, 11: 211.—**Richardson, W. A.** Medicine through the microphone. *Med. Econom.*, 1935-36, 13: No. 4, 15-9.—**Riddell, L.** Publicity in public health. *Pub. Health*, Lond., 1930-31, 44: 102-5.—**Ries, J.** The health educator on the radio. *Am. J. Pub. Health*, 1940, 30: 641-4.—**Riesman, D.** How can Philadelphia achieve health through the private physician? *Hosp. Social Serv.*, 1926, 14: 177-85.—**Rogers, J. F.** What can the volunteer agency do to assist state departments of education to obtain

adequate supervision of health teaching? Tr. Nat. Tuberc. Ass., N. Y., 1930, 26: 306-11.—**Rood, E.** Community health education in communicable disease control. Pub. Health Nurs., 1936, 28: 519-24.—**Roure, V., jr.** Genesis of the health education program and the cooperation of the Department of Health, the University of Puerto Rico, and the American Child Health Association. Puerto Rico Health Bull., 1939, 3: 311-5.—**Rowse, F. W.** The division of publicity and health education. Canad. Pub. Health J., 1939, 30: 153-5. — Publicizing the health services; health education is seeking to enlighten the Canadian public as to the services available to protect and maintain national well-being. Nat. Health Rev., Ottawa, 1939, 7: 54-7.—**Rugen, M. E.** Improving health education in Michigan schools. Michigan Pub. Health, 1940, 28: 164-7.—**Rulot, H.** De la vulgarisation de l'hygiène en Hollande par la Croix-Verte. Bruxelles méd., 1926-27, 7: 155-7.—**Sand, R.** The Jumeat health demonstration. World Health, Geneva, 1927, 8: 109-15.—**Savage, W.** The media and organization of health education. J. R. Inst. Pub. Health, 1939, 2: 256-60.—**Schrader.** Das Theater im Dienste der hygienischen Volksbelehrung. Deut. med. Wschr., 1928, 54: 532.—**Shepard, W. P., & Arfsten, A.** Precision in the choice of health education methods. Bull. Am. Soc. Cancer, 1936, 18: No. 3, 7.—**Sherrill, E. S.** To what extent should insurance organizations educate their insured as to healthful living? Med. Exam. Pract., 1905, 15: 743; 1906, 16: 179.—**Shoenfield, A.** How one newspaper health column is made. Am. M. Ass. Bull., 1927, 20: 54-60.—**Sigal, B.** [Health service instructions in the polyclinic] Sovet. vrach, J., 1939, 43: 54-9.—**Sinns, J. H., & Rezende, O. M.** Como podem as instituições particulares contribuir para a educação hygienica do povo? Ann. Congr. brasil. hyg. (1923) 1927, 1. Congr., 20-2.—**Slemmons, C. C.** Publicizing public health. Health Off., Wash., 1936-37, 1: 245-8.—**Stekhoven** [Popular hygienic exhibitions] Genesck. gids, 1936, 14: 520-2.—**Stone, J. G.** Getting the most out of health education tools. J. Am. Diet. Ass., 1940, 16: 329-34.—**Striking,** new exhibits at 1940 Fair dramatize medicine and public health. Hosp. Management, 1940, 49: No. 6, 20.—**Sundwall, J.** How effective is health education in the college? Tr. Nat. Tuberc. Ass., N. Y., 1934, 30: 266-85.—**Tallents, S.** The part which can be played by publicity and public relations work in making a healthier and fitter Britain. Pub. Health, Lond., 1938-39, 52: Suppl., 3-6.—**Tomesik, J.** [Mobile exhibits and public health propaganda] Népegészségügy, 1939, 20: 214-9.—**Toubib, R.** Radio medico. Hygeia, Chic., 1937, 15: No. 9, 826-8.—**Trakman, J.** [Sanitary education in capitalist countries as means of the bourgeois in his war of castes] Gig. sotsial. zdrav., 1932, No. 7, 40-9.—**True, M.** A health primer for the Navajos; health education adapted. Med. Woman J., 1937, 44: 225-8.—**Trüb, P. C. L., & Wüstenberg, J.** Amtsarzt und Landjahr. Oeff. Gesundheitsdienst, 1939-40, 5: A, 43-56.—**Turner, C. E.** The community program of health education. Am. J. Pub. Health, 1935, 25: 725-9. Also repr. — The place of health education in a public health program. J. Philippine Islands M. Ass., 1939, 19: 231-8.—**Van-Baumbergen, A.** Enseñanza sanitaria; partido sanitario-social; lo que puede esperarse de una bien entendida cooperación; programa de colaboración social; ordenación de la beneficencia. Siglo méd., 1930, 86: 105-12.—**Vaughan, H. F.** How can the nurse help the health officer to get his message across; from the standpoint of the city. Tr. Am. Child Health Ass., 1929, 6: 219-24.—**Viborel, L.** L'organisation de la propagande d'hygiène en France. Atti Congr. internaz. tecn. san., 1931, 2. Congr., 2: 65-76.—**Weiss, M.** Box office attraction of health movies. Health Off., Wash., 1938, 2: 504-10.—**White, R. H.** Some practical teaching techniques in health education. Papers Health Work. Conf. Tennessee, 1938, 10: 184-94.—**Winslow, C. E. A.** Steps in planning a health education and publicity program; the facts; how to decide what is to be told. Am. J. Pub. Health, 1929, 19: 647-50. Also Pub. Health Nurse, 1929, 21: 312-4.—**WPA** state-wide health education program. J. M. Ass. Alabama, 1938-39, 8: 183-6.—**York, W. H.** Does our physical activity program function as health education? J. Lancet, 1938, 58: 292-5.—**Zaidner, M. G.** [Sanitary placards] Profil. med., Kharkov, 1927, 6: 110-3.

Health promotion service.

See also Group medicine, Health education; Health board; Health examination; Hygiene, public; Industrial hygiene; Preventive medicine, &c.; also names of social diseases.

CHURCHILL, S. Health services and the public. 266p. 8°. Lond., 1928.

ERGEBNISSE DER SOZIALEN HYGIENE UND GESUNDHEITSFÜRSORGE. Lpz., v.1-2, 1929-30.

FORTSCHRITTE DER GESUNDHEITSFÜRSORGE. Berl., v.1-7, 1927-33.

GOTTSTEIN, A., SCHLOSSMANN, A. [et al.] Handbuch der sozialen Hygiene und Gesundheitsfürsorge. 4v. 8°. Berl., 1925-27.

JÖTTEN, K. W., & WEBER, H. Lehrbuch der Gesundheitsfürsorge. 352p. 8°. Berl., 1932.

MILBANK MEMORIAL FUND. New health frontiers: proceedings of the 15th annual con-

ference of the Milbank Memorial Fund held on April 29 and 30, 1937, at the New York Academy of Medicine. 107p. 8°. N. Y., 1937. Also 16. annual Conf. 115p. N. Y., 1938.

UNIVERSITY OF MINNESOTA. Addresses delivered at dedication exercises of health service building. 37p. 8°. Minneap., 1929.

WILSON, N. Public health services. 244p. 22cm. Lond., 1938.

Agnew, H. This growing health program; from the viewpoint of racial welfare. Hospitals, 1939, 13: No. 5, 26-8.—**Amesse, J. W.** The shifting frontiers of public health. Rocky Mountain M. J., 1939, 36: 766-70.—**Anderson, G. W., & Parra, T.** Current trends in public health. Minnesota M., 1940, 23: Suppl., 17-9.—**Armstrong, D. B., & Shepard, W. P.** An American health program. Am. J. Pub. Health, 1940, 30: 1023-6.—**Asbury, W.** The future of the public health services. J. R. San. Inst., 1938-39, 59: 727-40.—**Baldassari, D. L.** Per una più intensa opera di profilassi. Igiene mod., 1937, 30: 1-4.—**Berglung, A.** Von der Sozialhygiene zur Rassenhygiene. Med. Welt, 1938, 12: 973-5.—**Boudreau, F. G.** The changing front of health. Proc. Milbank Mem. Fund, 1940, 18: 5-8.—**Brophy, F.** A combination heart and tuberculosis program. Proc. Nat. Conf. Social Work, 1927, 54: 189.—**Brown, E. G.** Full-time health service. Connecticut Health Bull., 1938, 52: 157-66.—**Büttner, R.** Grundbegriffe der Volkspflege und des Gesundheitswesens. In Pflege gesund. & krank. Kind. (W. Catel) Lpz., 1939, 161-206.—**Collazo, J. A.** La práctica social de la profilaxia científica. Prensa méd. argent., 1926-27, 13: 1053-5.—**Connan, D. M.** The public health service and the prevention of disease. J. State M., Lond., 1935, 43: 233-6.—**Cooke, A. B.** Some sociologic aspects of preventive medicine. Am. Med., 1902, 4: 344-8.—**Crumline, S. J.** A ground plan for national health. Hosp. Social Serv., 1927, 15: 251-4.—**Cumming, H. S.** A community health program. Pub. Health Rep., Wash., 1926, 41: 372-82.

The evolution of the Public Health Service. Diplomate, Phila., 1935, 7: 159-64.—**Dechigi, M.** L'evoluzione sociale della medicina preventiva. Difesa sociale, 1939, 18: 197-216.—**De-mechanised welfare.** Lancet, Lond., 1938, 2: 575.—**Dietrich, E.** Gesundheitsfürsorge. Gesundheitsförs. Kindesalt., 1928, 3: 93-103.—**Ehlgoß, H.** Die Bedeutung der Technik in der Gemeinde. Techn. Gemeindef., 1936, 39: 121-4.—**Emerson, H.** Meeting the demands for community health work. Pub. Health Nurse, 1924, 16: 485-9.—**Public health awaits social courage.** Am. J. Pub. Health, 1934, 24: 1005-22. — Essential public health services. N. England J. M., 1934, 211: 451-6. — The national health program. Bull. M. Soc. Co. Kings, 1939, 18: 93-7.—**Engelmeier, M.** Die Vertiefung der Arbeit in der offenen Gesundheitsfürsorge. Zschr. Schulgesundh., 1927, 40: 628-37.—**Eubanas, F.** A new orientation in public health. Month. Bull. Bur. Health, Manila, 1935, 15: 460-4.—**Foot, F. M.** New measuring rod for community health work. Connecticut Health Bull., 1938, 52: 242.—**Foulerton, A. G. R.** An introductory address on the value of preventive medicine as a factor in the welfare of the State. Lancet, Lond., 1907, 2: 1007.—**Geiger, J. C.** Some aspects of public health service today. J. Am. Inst. Homeop., 1939, 32: 722-7. Also repr.—**Glazer, M. A., & Lifschitz, J. I.** [Questions of public health protection in the works of Lenin; problem of social diseases and social infection] Profil. med., Kharkov, 1927, 6: No. 3, 28-41.—**Griffin, M. F.** The national health program. Minnesota M., 1939, 22: 688-92.—**Harris, C. E.** Is the present health program adequate? Colorado M., 1931, 28: 108-12.—**Higgins, T. S.** The public health aspect of social welfare. S. Afr. M. J., 1939, 13: 675-7.—**Hiscock, I. V.** What is an adequate health program? N. England J. M., 1934, 211: 1153-5.—**Johan, B.** [Extent of public health prevention] Orsz. Közegész. Int. közl., 1930, 3: No. 17, 1-11.—**Kaup, I.** Biologische Grundlagen der Gesundheitsfürsorge. Zschr. Schulgesundh., 1927, 40: 161-8.—**Die Gesundheitsfürsorge im Lichte der Biologie und Hygiene.** Ibid., 1928, 41: 626-41.—**Kerbolt, L.** [Experiences in preventive hygiene work; its future] Örv. hetil., 1937, 81: 561-5.—**Knapp, H. J.** Health trends. J. Am. Inst. Homeop., 1940, 33: 451-3.—**Kötschau, K.** Ueberwindung der Schöpfung durch Übung; Vorsorge statt Fürsorge. Hippokrat, Stuttg., 1938, 9: 837-41.—**Lape, E. E.** Public health and prevention in American medicine. Health Off., Wash., 1927, 2: 213-20.—**Lavinder, C. H.** Widening horizons in the public health service. Hospitals, 1936, 10: 13-6.—**LePrince, J. A.** What I saw of the clean-up campaign. Puerto Rico Health Bull., 1938, 2: 328-31.—**Lochead, D. C.** The development of preventive medicine in the Northwest. J. Lancet, 1931, 51: 65; 72.—**Luros, P.** Limites y obstáculos de la acción sanitaria. Rev. méd., S. José, 1937-38, 5: 215-26.—**McComb, E. J.** What preventive medicine means to the social worker. Hosp. Social Serv., 1926, 14: 85-7.—**McCreary, A. B.** A tentative program in public health. J. Tennessee M. Ass., 1933, 26: 95-103.—**McLaughlin, A. J.** A basic program of sanitation. Health Off., Wash., 1939, 3: 411-7.—**Marzeiev, A.** [Through the smelting-furnace of criticism of sanitary work] Profil. med., Kharkov, 1927, 6: No. 8-9, 130-41.—**Meyer, E. C.** Community medicine and public health. Am. J. Pub. Health, 1920, 10: 489-97.—**Moore, N.** Some essentials in a health

- programme. *Canad. Nurse*, 1935, 31: 547-50.—**Morrison, J. B.** An historical sketch of the development of preventive medicine in the state of New Jersey. *J. M. Soc. N. Jersey*, 1931, 28: 731-42.—**Mountin, J. W.** The evaluation of health services. *Pub. Health Rep., Wash.*, 1936, 51: No. 48, 1633-40.
- Selection of items for a public health program. *West Virginia M. J.*, 1940, 36: 253-60.—**Nankivell, A. T.** The aim and purpose of our health services. *Med. Off., Lond.*, 1926, 35: 175.—**National (The) health program.** *J. Am. M. Ass.*, 1939, 113: 685.—**National (a) program for public health.** *Labor Inform. Bull., Wash.*, 1938, 5: No. 8, 1-5.—**Norton, W. J.** Meeting the demands for community health work. *Pub. Health Nurse*, 1924, 16: 490-3.—**Obé, M., & Hauck, E. W.** Ergänzende Gesundheitsfürsorge im Saarland. *Reichsgesundtbl.*, 1936, 11: 416-8.—**Objects (The) and functions of a health service.** *Jamaica Pub. Health*, 1936, 11: 57-61.—**Parran, T., jr.** Health services of tomorrow. *Tr. Coll. Physicians Philadelphia*, 1934, 2: 75-87. Also *Pub. Health Rep., Wash.*, 1934, 49: 477-86. Also *In The medical profession and the public (Amer. Acad. polit. social science)* 1934, 75-87.
- An evolving program for national health. *Health Off., Wash.*, 1938, 2: 471.—**Pennell, E. H., & O'Hara, H.** Validity (the) of health service data gathered by the family survey method. *Pub. Health Rep., Wash.*, 1938, 53: 439-46.—**Petragnani, G.** L'assistenza sanitaria in Italia. *Bull. Off. internat. hyg. pub., Par.*, 1938, 30: 363-74.—**Pomeroy, J. L.** Serving the public for health. *Am. J. Pub. Health*, 1935, 25: 687-95.—**Public (The) health program.** *Annual Rep. Rockefeller Found.*, 1933, 19-115.—**Rauch, J. H.** Preventive medicine and public welfare. *S. Afr. M. J.*, 1936, 10: 327-31.—**Reuben, M. S., & Hailes, D. H.** A study in preventive and sociological medicine; final report. *Arch. Pediat., N. Y.*, 1926, 43: 115-30.—**Rodriguez Pastor, J.** The fluoroscope and the pneumothorax apparatus as tools for the protection of the public health. *Puerto Rico Health Bull.*, 1940, 4: 251-3.—**Russell, P. F.** Preventive medicine in retrospect: lecture 3. *J. Philippine Islands M. Ass.*, 1931, 11: 297-318.—**Schröder, E.** Sinn und Praxis der Gesundheitsfürsorge. *Fortsch. Gesundh.*, 1933, 7: 121-9.—**Schwäers, O.** Nachweis der Erfolge in der Gesundheitsfürsorge. *Zschr. Schulgesundh.*, 1927, 40: 665-82. — Soziale Hygiene; Gesundheitsführung. *In Amtsarzt, Jena*, 1936, 377-465.—**Scott, J. R.** The changing emphasis in health work. *Southwest. M.*, 1938, 22: 83-7.—**Sharp, W. K., jr.** A new era in public health. *South. M. J.*, 1936, 29: 83-5.—**Smith, F. M.** Public health measures and methods in preventive medicine. *N. Orleans M. & S. J.*, 1929-30, 82: 573-82.—**Sydenstricker, E.** Next steps in public health. *Proc. Milbank Mem. Fund*, 1936, 13-34.—**Thibau, jr.** Avaliação dos serviços de saúde publica. *Ann. Congr. brasil. hyg.*, 1929, 5: Congr., 2: 215-22.—**Timpanaro, O.** Morale cattolica e responsabilità sanitaria (a proposito del problema della popolazione). *Rass. internaz. clin. ter.*, 1933, 14: 543-53.—**Tjaden, E.** Gesundheitsfürsorge im Lichte der Biologie und Hygiene. *Zschr. Schulgesundh.*, 1928, 41: 619-26.—**Vander Veer, J. N.** The evolution of a health program. *N. York State J. M.*, 1929, 29: 732-7.—**Van Euten, N. B.** An American health program. *Fed. Bull., Chic.*, 1940, 26: 204-11.—**Vaughan, H. F.** Serving the public for health. *Am. J. Pub. Health*, 1935, 25: 681-6.—**Wiley, H. W.** Preventive medicine from a chemical standpoint. *Long Island M. J.*, 1910, 4: 289-96.—**Willinsky, C. F.** Responsibility for the health program. *Am. J. Pub. Health*, 1934, 24: 43-5.—**Williams, R. D.** Preventive medicine. *J. Oklahoma M. Ass.*, 1933, 26: 146-9.—**Winslow, C. E. A.** The community health program. *Tr. Coll. Physicians Philadelphia*, 1931, 53: 66-91. — When is health public? *Contr. Yale M. School Dep. Pub. Health*, 1935-37, 15: No. 18, 1-4. — The international appraisal of local health programs. *Q. Bull. Milbank Mem. Fund*, 1937, 25: 3-5.—**Wolman, A.** The national health program; present status. *Am. J. Pub. Health*, 1940, 30: 1-8.—**Woytinsky, W., & Woytinsky, E.** Die öffentliche Gesundheitspflege in Zahlen. *Erg. sozial. Hyg.*, 1929, 1: 329-87.
- **Health promotion service: Cost and budgeting.**
- HOMAN, G.** Relation of the single tax to public health. 3p. 8°. S. Louis, 1893.
- Cutting from *Weekly Courier*, S. Louis, 1893.
- Bauer, W. W.** Federal subsidies for public health work. *Am. M. Ass. Bull.*, 1935, 30: No. 9, [145]-8.—**Bishop, E. L.** Economic considerations influencing local health organizations. *South. M. J.*, 1927, 20: 389-93.—**Bolt, R. A.** Federal subsidies to the States with special reference to health. *Proc. Nat. Conf. Social Work*, 1926, 53: 215-22.—**Brown, J. W.** Texas capitalized on CWA funds to aid public health. *Texas J. M.*, 1934, 29: 693-5.—**Contrôle technique local des projets et des marchés de travaux subventionnés par le Ministère de la santé publique.** *Techn. san. mun., Par.*, 1938, 33: 123.—**Cost of London health services.** *Brit. M. J.*, 1934, 1: 589.—**Earp, J. R.** The health protection fund. *N. Mexico Health Off.*, 1935, 5: 3.—**Expenditures in certain cities for selected health services.** *Am. J. Pub. Health*, 1936, 26: 1008-13.—**Footo, F. M.** Costs of local health service. *Connecticut Health Bull.*, 1939, 53: 63-8.—**Hiscock, I. V., & Walker, F. W.** Public health organization and budget. *In Pract. Libr. M. & S. (Appleton)* N. Y., 1937, 12: 516-32.—**Ichok, G.** Le budget du Ministère de la santé publique. *Bull. Acad. méd., Par.*, 1938, 3. ser., 119: 603-12.—**Kostenträgung bei Untersuchungen und Desinfektionen auf dem Gebiet der Gesundheitsfürsorge.** *Reichsgesundtbl.*, 1938, 13: 70.—**Lifshitz, D.** [Regimen of economy in health protection] Beloruss. med. dumka, 1927, 3: 19.—**Lumsden, L. L.** Public health and taxes. *Am. J. Pub. Health*, 1924, 14: 1011-5.—**North Dakota health program to resume in improved form; fixed trial period, not failure, cause of plan's abandonment; dues to be \$33 yearly.** *Science News Lett.*, 1939, 36: 37.—**Peic, H.** Les dépenses publiques entraînées par les oeuvres de santé spécialement au point de vue d'hygiène rurale. *Tr. Inst. hyg. pub. tchéc.*, 1933, 4: 21-38.—**Philipsborn, A.** Das Pflegetasproblem in den Anstalten der Gesundheitsfürsorge im In- und Ausland. *Erg. sozial. Hyg.*, 1930, 2: 225-44.—**Picken, R. M. F.** The cost of health services. *Med. Off., Lond.*, 1932, 48: 151.—**Robinson, G. C.** Community control of disease in times of depression. *J. Social Hyg.*, 1934, 20: 198-206.—**Sources of funds for health and welfare programs, as reported for 16 urban areas.** 1936. *Child, Wash.*, 1938, Suppl. No. 2, 5-16.—**Stamp, J.** The economic test of the limits of public health. *J. State M., Lond.*, 1933, 41: 505-10.—**Stricker, F. D.** Address by the president: financing the health department. *Proc. Conf. Health Author., N. America*, 1934, 49: 9-15.—**Tarbutt, R. E.** Federal facilities to expedite emergency sanitation measures. *Am. J. Pub. Health*, 1938, 28: 1091-5.—**Vaughan, H. F.** The economics of preventive medicine; an all around health program in which all qualified physicians will participate is visualized. *Bull. M. Soc. Co. Kings*, 1935, 14: p. x-xvi. Also *Pittsburg M. Bull.*, 1935, 24: 211-6. Also *Memphis M. J.*, 1935, 10: No. 1, p. x-xvi.—**Walker, W. F.** A means of increasing popular support for health work. *Proc. Nat. Conf. Social Work*, 1925, 52: 184-8.—**Feldman, L.** Consolidated county expenditures for selected health services. *Am. J. Pub. Health*, 1937, 27: 56-60.—**Waller, C. E.** Changes in bases of allotment. *Tr. Conf. State Terr. Health Off.*, 1939, 37: 143-8.—**Williams, H.** Expenditures per capita for health work in New York State. *Am. J. Pub. Health*, 1926, 16: 774-6.
- **Health promotion service: Organization.**
- See also **Group medicine**, **Rural service**; **Health board**; **Hygiene**, **public**.
- BILJEVELD, T.** Invloed der duitsche arbeiders-verzekering op de volksgesondheid. 33p. 8. Amst., 1902.
- BUNZ, F.** Was muss der praktische Arzt vom staatlichen Gesundheitswesen wissen? 112p. 21cm. Berl. [1938].
- CHAMBRIN, J.** *Organisation de l'hygiène sociale dans le département des Côtes-du-Nord. 88p. 8°. Par., 1932.
- GREEN, H. W.** Health councils. 24p. 8°. Wash., 1932.
- HISCOCK, I. V.** Community health organization; a manual of administration and procedure for cities of 100,000, with suggested modifications for larger and smaller urban units. 261p. 8°. N. Y., 1932.
- **District health administration; a study of organization and planning.** 115p. 8°. Lancaster, Pa., 1936.
- HOXIE, G. H.** Public health organization. 51p. 23cm. Wash., D. C., 1937.
- MCCALLUM, F.** International hygiene; a review from the Australian viewpoint of international activities in the field of public health. 112p. 8°. Glebe, 1935.
- NEWMAN, G.** The building of a nation's health. 479p. 22½cm. Lond., 1939.
- PEARSE, J.** The co-ordination of the public health services in the counties of Essex, Hampshire, Gloucester and West Sussex. 19p. 8°. Lond., 1928.
- TOBEY, J. A.** The national government and public health. 423p. 8°. Balt., 1926.
- Almeida Gouveia.** Valor sanitario da previdência social; orientação sanitária dos institutos de aposentadorias e pensões. *Rev. med. Bahia*, 1940, 8: 142-50.—**Applewhite, C. C.** United States Public Health Service and co-operative health work. *Month. Bull. Indiana Div. Pub. Health*, 1936, 39: 215; 224. — Cooperative health work. *Illinois Health Mess.*, 1937, 9: 37-40. — United States Public Health Service and cooperative health work. *Connecticut Health Bull.*, 1936, 50: 131-6.—**Aráoz Alfaro, G., & Padilla, T.** Consideraciones sobre la organización de los servicios sanitarios del país (introducción a la memoria anual del Departamento Nacional de Higiene). *An. Dep. nac. hig., B. Air.*, 1924, 30: 3-10.—**Baran, N. A.** [Sanitary service stations] *Gig. san., Moskva*.

- 1940, 5: No. 5, 16-9.—**Berger, H.** Organisation des Gesundheitswesens, Volksbelehrung und Vererbung. Zschr. Medbeamte, 1926, 39: 263-70.—**Bishop, E. L.** The interdepartmental committee on health and welfare activities. Tr. Conf. State Terr. Health Off., 1936, 34: 128-36.—**Borberg, L. P.** [The attitude of the sick-insurance to prophylactic regulations] Ugeskr. laeger, 1939, 101: 1239-42.—**Borden, R. P.** Cooperation for public health. Tr. Am. Ass. Study Prev. Inf. Mortal. (1915) 1916, 6: 294-305.—**Borowski, A. J., & Plumley, M. L.** Preventive clinic facilities available in 94 selected counties of the United States. Pub. Health Rep., Wash., 1939, 54: 335-42.—**Brown, C. P.** International health contacts. Nat. Health Rev., Ottawa, 1936-37, 4: 1-7.—**Buchan, J. J.** The National Health Insurance Acts and preventive medicine. Med. Off., Lond., 1924, 32: 79.—**Buffarini, La Direzione generale della sanità pubblica e la organizzazione dei Consorzi provinciali.** Riv. med. social tuberc., 1936, 13: 37-40.—**Cahen, G.** La mission sanitaire et d'hygiène sociale et le Comité consultatif d'hygiène au ministère des régions libérées. Rev. prat. hyg. mun., Par., 1919, 15: 242-5.—**Cathcart, E. P.** Preventive medicine and public health. Glasgow M. J., 1933, 119: 185-91.—**Chaves, J.** Development of public health units and significant accomplishments during the fiscal years 1935-36, 1936-37, 1937-38. Puerto Rico Health Bull., 1938, 2: 271-9.—**Couturat, J.** L'organisation d'hygiène et la standardisation biologique. Presse méd., 1936, 44: 59.—**Cowburn, A. D.** Preventive medicine and the law. Lancet, Lond., 1934, 1: 587-90.—**Craig, W.** Preventable sickness in relation to National Health Insurance. Brit. M. J., 1930, 2: Suppl., 1.—**Craster, C. V.** Co-ordination the need for future progress in public health. J. M. Soc. N. Jersey, 1922, 19: 39-44.—**Davies, S.** Twenty years' Metropolitan advance in preventive medicine. Pub. Health, Lond., 1908-9, 21: 114-8.—**Dawson, G. A.** Co-ordination of health services. J. R. San. Inst., 1934, 54: 479-86.—**Denizet.** Rapport sur la situation des institutions d'assurances sociales au point de vue de leur service d'hygiène et de traitement curatif. Gaz. méd. Strasbourg, 1921, 78: No. 31, Hyg. Salub., 29.—**Dichtiar, S. R.** [Rational development of medico-sanitary stations in White Russia] Belaruss. med. dumka, 1925, 2: 33-70.—**Direction de la santé publique; réglementation générale.** Bull. san. Algérie, 1938, 33: 1634-6.—**Drogendijk, A. C.** [Prophylaxis in the sickness fund organization] Ned. tscr. geneesk., 1940, 84: 3749-52.—**Duty (The)** of the state in prophylaxis. Brit. M. J., 1908, 2: 1559.—**Efimov, D. I.** [Principles of sanitary organization] Sovet. vrach. gaz., 1932, 36: 1031-5.—**Emerson, H.** Governmental planning for health. J. M. Soc. N. Jersey, 1939, 36: 428-33.—**Emerson, H. C.** State sanitary supervision. Boston M. & S. J., 1908, 159: 370-4.—**Ferrell, J. A.** The organization and activities of the International Health Commission. Tr. Coll. Physicians Philadelphia, 1915, 3, ser., 37: 147-57.—**Finkenrath, K.** Gesundheitsfürsorge für die versicherte Bevölkerung. Klin. Wschr., 1929, 8: 848.—**Flamza, F.** [Sanitary prevention work in social insurance] Vest. česk. lek., 1926, 38: 387-93.—**Foord, F. T.** Progress made in the development of local health service and the status of trained personnel in official health agencies in the Rocky Mountain and Pacific Coast areas. Week. Bull. California Dep. Pub. Health, 1940-41, 19: 145-7.—**Fontenelle, J. P., & Parreiras, D.** Typos de organização sanitária. Fol. med., Rio, 1929, 10: 408-11.—**Foot, F. M.** The sanitary district. Connecticut Health Bull., 1937, 51: 144-6.—**—** Your town; overcoming difficulties in organizing full-time health districts. Ibid., 1940, 54: 313.—**Frankel, L. K.** An ideal arrangement for federal health activities. Proc. Nat. Conf. Social Work, 1926, 53: 211-5.—**García Maldonado, L.** Unidades sanitarias: el término y el concepto. Bol. Min. san., Caracas, 1938, 3: 1933-9.—**Gervais, F.** Un plan d'action et de réorganisation sanitaire. Bull. san. Algérie, 1939, 34: 194-203.—**Giannini, C.** La prevenzione nelle assicurazioni sociali. Rass. med. lavoro indust., 1938, 9: 1-15.—**—** La funzione preventiva delle cure nelle assicurazioni sociali. Ibid., 215-30.—**Gilli, C.** Activité du service d'hygiène de la circonscription de Dakar pendant l'hivernage 1933 (1^{er} juin au 1^{er} décembre) Bull. Soc. path. exot., Par., 1934, 27: 87-93.—**Godfrey, E. S., Jr.** Comparative value of state districts and county districts as the basis of local health organization. Am. J. Pub. Health, 1936, 26: 465-70.—**Gradle, H. S.** State's program in eye and ear field. Welf. Bull., Springfield, 1938, 29: No. 7, 5.—**Greene, J. H.** The importance of the association of industrial relations and health work. Tr. Nat. Safety Council, 1931, 1: 164-71.—**Haggard, W. D.** Teamwork for the health of the people. Illinois M. J., 1926, 49: 297-300.—**Haigh, W. E.** Co-ordination in preventive medicine. Pub. Health, Lond., 1935-36, 49: 125-9.—**Harris, S.** The nation's greatest need; a National Department of Health. Am. J. Pub. Health, 1920, 10: 633-6.—**Hartmann, K.** Die deutsche Arbeiterversicherung als soziale Einrichtung; Unfallverhütung und Arbeitshygiene. Ber. Verh. internat. Kongr. Versich. Med., 1906, 4 Congr., 492-8.—**Hattie, W. H.** The co-ordination of state and private enterprises in public health work. Pub. Health J., Toronto, 1920, 11: 418-21.—**Hayem, G.** Considerations sur l'organisation générale de l'hygiène. Bull. Acad. méd., Par., 1929, 3, ser., 102: 716-8.—**Heijermans, L.** Die Rationalisation bei der Gesundheitsfürsorge. Atti Congr. internaz. tecn. san., 1931, 2 Congr., 2: 527-38.—**—** Administration d'hygiène communale. Rev. hyg., Par., 1927, 49: 897-914.—**Hepp-Baján, E.** [Preventive health service in the new year (1941)] Népegészségügy, 1941 22: 70-3.—**Hill, C. E.** Co-operation in local health services. Canad. Pub. Health J., 1937, 28: 447-9.—**Hiscock, I. V.** The development of neighborhood health services in the United States. Milbank Mem. Fund Q., 1935, 13: 30-51, 4 pl.—**Hofbauer, A.** Der gegenwärtige Standpunkt der Krankenkassen zur sozialen Hygiene und Gesundheitsfürsorge. Zschr. Gesundheitsverwalt., 1932, 3: 73-7.—**Hoffman, F. L.** Compulsory health insurance and disease control. Med. Times, N. Y., 1937, 65: 86; 108.—**Hunter, A. L.** Planning health progress. Bull. Bd Health Wisconsin, 1940, 6: No. 18, 16-9.—**Institution d'un Comité consultatif d'hygiène de France.** Presse méd., 1940, 48: 1011.—**Johan, B.** The combination and rationalisation of the preventive health work. Orsz. Közegészs. Int. közl., 1929, 2: No. 7, 1-13.—**—** Organisation of preventive health work and the part of the public health officer. Ibid., 1931, 4: No. 2, 1-10.—**—** [Preventive health service and the general public] Népegészségügy, 1940, 21: 1463-8.—**Keister, B. C.** Preventive medicine and its relation to municipal government and society. Tr. M. Soc. Virginia (1905) 1906, 36: 233-51. Also Charlotte M. J., 1905, 27: 371-8. Also Virginia M. Semi-Month., 1905-6, 10: 328-36. Also Mobile M. & S. J., 1905, 7: 273-90.—**King, C. B.** Community sanitation, its purpose and plans. Month. Bull. Indiana Bd Health, 1938, 41: 23.—**Krüger, S.** Ein Beitrag zur Ausgestaltung des öffentlichen Gesundheitswesens. Wien. med. Wschr., 1928, 78: 1015; 1064.—**Larsen, R. J.** Oh, that's how it is. Bull. Bd Health Wisconsin, 1939, 6: No. 13, 8.—**Lemaire, G.** A propos des offices publics d'hygiène et de médecine préventive. C. rend. Tr. Bur. mun. hyg., Alger, 1931-32, 125-31.—**Loir, Sanarens & Leganoux.** Nécessité de l'union des autorités centrales et locales pour l'assainissement régional. Bull. Acad. méd., Par., 1937, 3, ser., 117: 60-3.—**Loriga, G.** I problemi dell'assistenza sanitaria relativi alla assicurazione contro le malattie. Policlinico, 1919, 26: sez. prat., 970-5.—**Lussheimer, P.** Verhältnis der kommunalen Wohlfahrtspflege zur Sozialversicherung. Zschr. Schulgesundh., 1927, 40: 109-15.—**McCormack, A. T.** A coordinated national health program. South. M. J., 1934, 27: 266-71.—**Mead, K. C.** Some problems of state health organization. Woman M. J., 1917, 27: 153-5.—**Maciunas, J.** [Conceptions of hygiene and social security] Medicina, Kaunas, 1932, 13: 731-3.—**McCormack, A. T.** Public health and the basic factor of social security. Am. J. Pub. Health, 1937, 27: 1079-88.—**MacNalty, A.** The health services of England and Wales. Canad. Pub. Health J., 1939, 30: 269-77.—**Martineck, Gesundheitsfürsorge in der Reichsversicherung.** Aerztl. Mitt., Lpz., 1927, 28: 678-80.—**Morton, R. J.** Potentialities of public health engineering in relation to the Social Security Act. Am. J. Pub. Health, 1939, 29: 459-66.—**Mugdan.** Die Mitwirkung der Krankenversicherung auf dem Gebiete der öffentlichen Gesundheitspflege. Deut. Vjschr. öff. Gesundheitspf., 1908, 40: 59-90.—**Need for National health program.** Month. Labor Rev., 1938, 46: 1369-75.—**Neumann, W.** Die Grenzen der gesundheitlichen öffentlichen Wohlfahrtspflege. Arch. sozial. Hyg., 1928, n. F., 3: 8-14.—**Newbury, N. E.** Community sanitation project. Pub. Health News, Trenton, 1939, 23: 141-4.—**Newsholme, H. P.** Co-ordination and co-operation in preventive medicine. J. R. San. Inst., 1928-29, 49: 633-41.—**Nickl, H. P., Tasner, J.** [et al.] Gesundheitsdienst in der Sozialversicherung. Ber. Internat. Kongr. Sozialversich. (1936) 1938, 2 Kongr., 149-57.—**Oliveira, W. de.** Material básico de organización sanitária. Bol. Cons. nac. hig., Montev., 1929, 24: 473-93.—**Paetsch.** Zentralisationsbestrebungen in der Gesundheitsfürsorge. Zschr. Schulgesundh., 1926, 39: 19.—**Paula Souza, G. de.** Organização da hygiene publica. Fol. med., Rio, 1927, 8: 267-70.—**Perkins, R. G.** Possible relationships between the Department of Preventive Medicine in the University and the Health Departments, Welfare Activities and Medical Society of the Metropolitan District. In Johns Hopkins Univ. School Hyg. De Lamar Lect., Balt. (1928-29) 1929, 1-11.—**Peyrot, J.** Compte rendu du fonctionnement du service prophylactique du dispensaire de Bordeaux. Arch. Inst. prophyl., Par., 1937, 9: 288-92.—**Picken, R. M. F.** Co-operation in public health administration. Brit. M. J., 1938, 2: Suppl., 187.—**Piotrowski, E., & Slonecki, M.** [Cooperation between territorial offices and social institutions in prophylactic work] Polska gaz. lek., 1938, 17: 785-7.—**Prevention under British health insurance.** J. Am. M. Ass., 1939, 113: 948.—**Prevention and sickness insurance.** Ibid., 1937, 108: Suppl., 159.—**Price, G. M.** The nationalization of public health; war program of the United States Public Health Service. Survey, 1918-19, 41: 62.—**Provvedimenti igienico-sociali.** Difesa sociale, 1940, 19: Suppl., No. 2, p. i-xxxviii.—**Rabinoff, S.** Some problems in a district health program. Med. Woman J., 1939, 46: 257-60.—**Read, H. S.** Organization for public health work. J. M. Soc. N. Jersey, 1937, 34: 9-11.—**Redeker, F.** Planmäßige Gesundheitsfürsorge in einem Grossstadtbezirke (ihre medizinischen Grundlagen und technischen Erfordernisse) Zschr. Schulgesundh., 1927, 40: 257-68.—**Reynolds, C. V.** Coordination of public health and related agencies. North Carolina M. J., 1940, 1: 24-6.—**Richards, H. M.** The National Insurance Bill and preventive medicine. Lancet, Lond., 1911, 1: 1716-8.—**Richter, L.** La protezione della salute a mezzo della assicurazione sociale tedesca. Assist. sociale, Roma, 1938, 12: 489-500.—**Romanelli, I.** L'assistenza sanitaria agli assicurati sulla vita e le provvidenze adottate dall'Istituto Nazionale delle Assicurazioni. Atti Congr. internaz. tecn. san., 1931, 2 Congr., 3: 13-7.—**Rubin, J.** [Social insurance and prevention of diseases] Népegészségügy, 1937, 18: 803-8.—**Sand, R.** L'organisation internationale de l'hygiène (progress report) Bru-

xelles mcd., 1926-27, 7: 48-53.—**Schaetz, L.** Das öffentliche Gesundheitswesen und seine Gestaltung. Münch. med. Wschr., 1934, 81: 24-6.—**Schapovalov.** [Sanitary conditions and community welfare in Polotsk] Beloruss. med. dumka, 1925, 2: 24-9.—**Schevensteen, A. F. C. van** [Hygienic measures of city government of Antwerp in the 15th century] Ned. tschr. geneesk., 1927, 71: 2479-92.—**Schreiber, G.** L'amélioration du bilan de santé et l'organisation sanitaire moderne. Presse méd., 1935, 43: 35.—**Sieveling, G. H.** Gegen die Zersplitterung der Gesundheitsfürsorge. Deut. med. Wschr., 1916, 42: 1009.—**Smillie, W. G.** Development of local health service in the United States. Pub. Health N., Trenton, 1936, 20: 72-6. Also Bol. Of. san. panamer., 1936, 15: 974-7.—**Smith, M. C.** What the government is doing to prevent diseases. Tr. Nat. Dent. Ass., 1912, 59-68.—**Spencer, R. R.** The commonwealth, the most marvelous of mechanisms. Health Off., Wash., 1938, 2: 496-503.—**Stroh, J. L.** L'orientation synergique des assurances sociales et de œuvres en matière de prévention dans les anciens et dans les nouveaux départements. Ann. hyg., Par., 1934, n. ser., 12: 269-80.—[Suggestions for a law to centralize health activities] Ugeskr. læger, 1932, 94: 90-2.—**Sullivan, D. J.** Health councils. Pub. Health News, Trenton, 1935, 19: 475-8.—**Syssen, A. N.** [Future plans of the sanitary organization] Gig. epidem., 1929, 8: 5-10.—**Tamiesie, J. P.** Compulsory prophylaxis: is it neglected in the state of Oregon? Med. Sentinel, 1896, 4: 387.—**Terburgh, J. T.** [History of state supervision of public hygiene] Tsch. sociale hyg., 1929, 31: 29; 69.—**Thornton, E. N., & Orenstein, A. J.** Co-ordination of health work in Africa. Q. Bull. Health Org., League Nat., 1936, 5: 203.—**True, H. F.** The consolidation of all health services in one department. West. Hosp. Rev., 1933, 20: 18-20.—**Vigliani, G. A.** L'organizzazione dei servizi sanitari per le Casse Mutue Malattie. Rass. med. app. lavoro indust., 1932, 3: 395.—**Walker, W. B.** How towns can organize for health. Connecticut Health Bull., 1939, 53: 136-44.—**Walter, O.** Die nationalsozialistische Umformung der Gesundheitsführung bei den Berliner Ortskrankenkassen. Vertrauensarzt, 1934, 2: 145-51.—**Wedelstaedt, von.** Die Zuständigkeit der Kommunalverwaltungen für die Aufgaben der öffentlichen Gesundheitspflege. Zschr. Schulgesundh., 1929, 42: 201-13.—**Wendenburg, F.** Kommunale Gesundheitspolitik. Aerztl. Mitt., Lpz., 1927, 28: 683-5.—**Wilinsky, C. F.** Municipal preventive medicine; Boston's program. N. England J. M., 1931, 204: 693-8.—**Wollenweber.** Zur Verwaltungsreform. Zschr. Medbeamte, 1930, 43: 699-719.—**Zelikson, E.** [Comparative survey of public health protection in White Russia and its problems (1912-23)] Beloruss. med. msl., 1924, 1: 3-16.—[New budget year and program for health protection] Ibid., No. 2-3, 5-15.

Health promotion service: Organization, voluntary.

Bauer, W. W. Cooperation in preventive medicine. Bull. Am. M. Ass., 1935, 30: 65.—**Circulaire** relative à l'agrément de préventeurs privés, 17 avril 1937. Rev. philanthrop., Par., 1937, 53: 547-50.—**Cleveland** health agencies plan coordination of efforts. J. Am. M. Ass., 1940, 114: 2315.—**Czyharz, E.** Gesundheitsfürsorge in der Lebensversicherung. Deut. Aerzte Ztg., 1933, 8: No. 372.—**Dublin, L. I.** Public health activities of chambers of commerce and other groups. Proc. Conf. Health Amer. N. America, 1931, 46: 130-6.—**Emerson, H., Parran, T., jr** [et al.] An official declaration of attitude of the American Public Health Association on desirable standard minimum functions and suitable organization of health activities. Am. J. Pub. Health, 1934, 24: Suppl., 6-11.—**Filachet, R.** Bilan de l'Union des institutions privées de protection de la santé publique et d'assistance sociale du département de la Somme. Rev. méd. sociale, Par., 1939, 7: 303.—**Finley, L. C.** The use of out-patient facilities in extending preventive and public health work. Tr. Am. Hosp. Ass., 1931, 33: 555-65.—**Frame, R. I.** Community participation in general disease prevention. West Virginia M. J., 1935, 31: 17-9.—**Frankel, L. K.** How a life insurance company promotes public health. Hosp. Social Serv., 1924, 10: 82-8.—**Goldmann, F.** Arbeitsgemeinschaften für Gesundheitsfürsorge. Erg. sozial. Hyg., 1929, 1: 264-90.—**Green, F. R.** Co-operation and co-ordination of voluntary public health organizations. Am. J. Pub. Health, 1915, 5: 36-47.—**Hale, M. B.** Planning for community health, what lay committees have done throughout the United States. Pacific Coast J. Nurs., 1941, 37: 12-4.—**Hamilton, R. E.** National voluntary health agencies. Canad. Pub. Health J., 1930, 21: 469.—**Hoey, J.** The related responsibilities of administrators of health and welfare agencies. Tr. Conf. State Terr. Health Off., 1939, 37: 26-38.—**Hawk, H. J.** The public health work of a great life insurance company. Am. Rev. Tuberc., 1917-18, 1: 372-82.—**Kaufmann, F.** Der Gesundheitsdienst der Lebensversicherung. Schweiz. med. Wschr., 1928, 58: 461-3.—**Kleinschmidt, H. E.** Is there a place for the voluntary health agency in view of the new public health activities of the federal government? Am. J. Pub. Health, 1939, 29: 49-54.—**Lakeman, M. R.** A program on public health for the National Council of Women. J. Social Hyg., 1936, 22: 312-4.—**McCombs, C. E.** Public health departments and private health agencies. Am. J. Pub. Health, 1919, 9: 951-5.—**McHose, E.** The functioning health council. J. Health, 1936, 7: 543; 591.—**Marquette, B.** Is a private health agency on the way out? Am. J. Pub. Health, 1939, 29: 46-8.—**Meyer, T. R.** Community participation in a health program. J. Am. M. Ass., 1939, 113: 66.—

Millberry, G. S. A layman's viewpoint of a lay organization. Pacific Coast J. Nurs., 1933, 29: 473-6.—**Muhlberg, W.** Co-operation of physicians and insurance companies in the promotion of public health. J. Am. M. Ass., 1918, 70: 261.—**Neustätter, O.** Die Einstellung der Lebensversicherung auf gesundheitsfürsorgliche Ziele. Arch. sozial. Hyg., 1928, n. F., 3: 20-4.—Was will und wie funktioniert der Gesundheitsdienst der Lebensversicherung? Med. Korbl. Württemberg, 1928, 98: 579; 591.—**Palmer, G. T.** Coordination of health and social agencies. Mod. Med., Chic., 1919, 1: 151-6.—**Pfannenstiel, W.** Der Aufgabenkreis der hygienischen Institute in der Volksgesundheitspflege. Off. Gesundheitsdienst, 1935, 1: B, 313-22.—**Piachy, F.** The cooperation of life insurance companies in public health matters. Med. Off., Lond., 1931, 46: 221.—**Polak.** Action sociale en Pologne dans le domaine de la santé publique. Bull. Acad. méd., Par., 1925, 3. ser., 93: 446-50.—**Poole, W. L.** The importance of civic and other lay organizations in a public health program. Rep. Conf. Tennessee Health Work, 1932, 5: [Discussion] 100-10.—**Pujadas Diaz, M.** El problema del tratamiento preventivo de nuestras enfermedades comunes basado sobre observaciones de un survey físico practicado en los asilos insulares recientemente. Bol. As. méd. Puerto Rico, 1930, 22: 97-100.—**Riddington, J.** The role of voluntary societies in the care of public health. Pub. Health J., Toronto, 1920, 11: 437-43.—**Rogers, L.** Societies charitable and uncharitable. Lancet, Lond., 1936, 1: 805.—**Rolleston, H.** The role of the voluntary general hospital in preventive medicine. J. R. San. Inst., 1931, 52: 43-5.—**Rosier, A.** Historique de la médecine préventive universitaire en France. Rev. hyg. méd. social., 1939, 18: 168-71.—**Seiffert, G.** Die Bayerische Arbeitsgemeinschaft zur Förderung der Volksgesundheit und ihre Tätigkeit. Bl. Gesundheitsf., 1927-28, 5: 187-94.—**Shattuck, G. C.** The Boston Health League's place in Boston's health program. N. England J. M., 1931, 204: 702-7.—**Smiley, D. F.** Organization of the health program of a university. Pub. Health Rep., Wash., 1926, 41: 2631-49.—**Snow, W. F.** The growth of voluntary health agencies, as illustrated by the American Social Hygiene Association. J. Social Hyg., 1935, 21: 1-9.—**Teamwork:** the Detroit Health Council; an interesting example of community teamwork is the Health Council in which cooperating groups in Detroit have merged their common interests in an effort to solve the health problems of the community. Hosp. Topics, 1938, 16: No. 12, 14.—**Thompson, L. R., & Brundage, D. K.** Can sick-benefit associations profitably engage in disease prevention work? J. Indust. Hyg., 1923-24, 5: 305-13.—**Turner, J. A.** Practice of preventive medicine in industry. Am. J. Pub. Health, 1927, 17: 1125-9.—**Union (L')** des institutions privées de protection de la Santé publique et d'assistance sociale du département de la Seine. Rev. hyg. méd. social., 1937, 16: 14-24.—**Waller, C. E.** The laymen's part in the Federal health program. Health Off., Wash., 1938, 3: 73-80.—**Wankelmuth.** Arbeitsgemeinschaften in der Gesundheitsfürsorge. Zschr. Schulgesundh., 1927, 40: 611-20.—**Wendenburg, F.** Der Gedanke der Arbeitsgemeinschaften in der Gesundheitsfürsorge. Deut. Zschr. öff. Gesundheitsf., 1925-26, 2: 185-206.—**Williams, L. R.** Relation of voluntary health agency to physicians and health departments. J. Am. M. Ass., 1927, 89: 82-4.—**Winstow, A. R.** The private agency in today's health program. Pub. Health Nurs., 1937, 29: 204-7.

Health promotion service: Personnel.

See also Health Officer; Health board.

Bauer, W. W. Practicing physicians and the public health workers. Colorado M., 1936, 33: 684-91.—**Bernard, L.** L'hygiène et la médecine préventive; relations des médecins sanitaires et du corps médical. Rev. hyg., Par., 1927, 49: 81-94.—**Borowski, A. J.** Positions and rates of pay in public health agencies. Am. J. Pub. Health, 1938, 28: 1197-202.—**Caldwell, E. V.** The health worker; how the layman looks upon him. J. M. Ass. Alabama, 1939-40, 9: 374-7.—**Capes, W. P.** Politics in the selection of health department personnel; is there a remedy? Am. J. Pub. Health, 1938, 28: 835-8.—**Davison, R. O.** The use of the profession in part-time health activities. Canad. Pub. Health J., 1936, 27: 542-5.—**Derryberry, M., & Caswell, G.** Qualifications of professional public health personnel; plan and scope of the survey. Pub. Health Rep., Wash., 1940, 55: 2312-9, 2 fig.—**Detriex, H.** Les auxiliaires du médecin en prévoyance sanitaire. J. méd. fr., 1929, 18: 136-48.—**Diehl, H. S.** Medical careers in public health. J. Am. M. Ass., 1940, 115: 343-5.—**Fenton, J.** The public health service as a career. Med. Off., Lond., 1937, 58: 99.—**Ferrell, J. A.** Professional standards for public health personnel. Ibid., 1933, 49: 205-7.—**Hojer, J. A.** [Public health doctors and society] Sven. läk. tidn., 1937, 34: 241-52.—**Leland, R. G.** Census of public health personnel and facilities; physicians. Tr. Conf. State Terr. Health Off., 1940, Spec., 139-47.—**Minchew, B. H.** The responsibility of the layman in a public health program. J. M. Ass. Georgia, 1937, 26: 211-3.—**Mitchell, H. B.** The merit system and public health. Am. J. Pub. Health, 1940, 30: 1343-7.—**Palmer, G. T.** Personnel administration under civil service. Ibid., 1933-8.—**Parran, T., & Griswold, D. M.** Calificaciones y preparación de los médicos locales de sanidad. Bol. Of. san. panamer., 1935, 14: 953-8.—**Pearce, G. H.** The public health service as a career. Med. Off., Lond., 1932, 48: 95.—**Peterson, O.** The use of lay boards by official health agencies. Am. J. Pub. Health, 1937, 27: 499-504.—**Pomerantzev, V. G.** [Cooperation between the sanitary physician and engineer] Gig. epidem., 1929, 8: No. 9, 21-8.—**Rankin, W.**

S. The relations of medical men and health officials. *Misc. Contr. Com. Costs M. Care*, 1930, No. 4, 1-8.—**Rauch, J. H.** The district surgeon and public health. *S. Afr. M. J.*, 1938, 12: 465-74.—**Roberts, D. I.** The volunteer in a private agency. *Pub. Health Nurs.*, 1935, 27: 524-7.—**Roberts, F. L., & Hill, B.** The merit system in relationship to public health personnel. *Am. J. Pub. Health*, 1941, 31: 121-6.—**Savage, W. G.** The public health service as a career. *Med. Off., Lond.*, 1935, 54: 95. — **La sanidad como carrera.** *Bol. Of. san. panamer.*, 1936, 15: 640.—**Snell, E. H.** The public health service as a career. *Med. Off., Lond.*, 1926, 36: 105.—**Sowers, D. C.** Essentials of a workable merit system. *Am. J. Pub. Health*, 1940, 30: 1337-42.—**Winslow, C. E. A.** The physician, the health officer, and the community. In *Student's Health Serv. Univ. Minnesota*, 1929, 5-19.—**Ziegler, M. V., & Brockett, G. S.** Prevailing employment policies in health departments. *Am. J. Pub. Health*, 1940, 30: 779-86.

— Health promotion service: Physician's attitude.

NEWSHOLME, A. International studies on the relation between the private and official practice of medicine, with special reference to the prevention of disease; conducted by the Milbank Memorial Fund: England and Wales, Scotland—Ireland. 3v. 8°. Lond. [1931]

— **Medicine and the state; the relation between the private and official practice of medicine, with special reference to public health.** 300p. 8°. Lond. [1932]

Anderson, G. W. The physician and the public health program. *J. Lancet*, 1940, 60: 360-5.—**Archard.** La part de l'Académie de médecine dans la protection de la santé publique. *Progr. méd., Par.*, 1940, 68: 543-9.—**Atkinson, W. B.** Where private practice ends and public health begins. *Kentucky M. J.*, 1938, 36: 147-52.—**Baker, J. N.** Organized medicine and public health. *J. Am. M. Ass.*, 1932, 98: 2045-8.—**Beckett, R. C.** Public works and public health an opportunity for the medical profession. *Delaware M. J.*, 1934, 6: 192-5.—**Boudreau, F. G.** Relation of private medical practice to public health in Europe. *J. Am. M. Ass.*, 1932, 99: 720.—**Chapman, W. M.** Public health work and its relationship to general practice of medicine. *Kentucky M. J.*, 1936, 34: 213-6.—**Cushing, G. M.** Public health service and the general practice of medicine. *J. Am. Inst. Homoeop.*, 1934, 27: 293-5.—**Family** (the) doctor's opportunity in community health service. *Nat. Negro Health News*, 1938, 6: No. 2, 1-5.—**Foata.** De la collaboration des syndicats médicaux avec les hygiénistes officiels. *Rapp. Congr. internat. hyg. méditer.* (1932) 1933, 1. Congr., 2: 731-8.—**Groom, W. S.** The doctor, the layman and the public health. *J. Med., Cincin.*, 1940-41, 21: 249-56.—**Guérin, A.** La Commission du Service de Santé de la Fédération des syndicats médicaux de France. *Rev. gén. clin. théér.*, 1933, 47: Suppl., 133.—**Klose.** Gesundheitsfürsorge und praktische Ärzteschaft. *Zschr. Gesundheitsverwalt.*, 1931, 2: 201-7.—**Levy, J.** Influence of public health activities on medical practice. *J. M. Soc. N. Jersey*, 1931, 28: 193-6.—**Locken, O. E.** Public health; a challenge to the medical profession. *Minnesota M.*, 1925, 8: 492-8.—**Pearce, C. M.** Public health and organized medicine. *J. Oklahoma M. Ass.*, 1935, 28: 204.—**President's** message on the national health program. *J. Am. M. Ass.*, 1939, 112: 330.—**Richards, W. G.** The inevitable end of public health work. *Minnesota M.*, 1932, 15: 382-8.—**Ritter, J.** Is the trend of our present day conception of the practice of medicine becoming more and more a problem of preventive medicine and of public health service? *Med. J. & Rec.*, 1933, 137: 259; 303.—**Roberts, C. W.** House of delegates of the A. M. A. considers national health program. *J. M. Ass. Georgia*, 1938, 27: 405-8.—**Rosenfeld, G.** Die Selbstauschaltung der Aerzte. *Bl. Volksgesundhpf.*, 1927, 27: 86-9.—**Ross, W. H.** What is organized medicine's attitude toward public health administration? *N. England J. M.*, 1932, 206: 6-8.—**Seligmann, E.** Gesundheitsfürsorge und Ärzteschaft. *Deut. med. Wschr.*, 1930, 56: 1443.—**State** association to cooperate with Ohio N. Y. A. in health program; basic policy to govern project adopted. *Ohio M. J.*, 1941, 37: 270.—**Timmins, E. F.** The influence of Boston's health program on the practitioner. *N. England J. M.*, 1931, 204: 698-701.—**Wegener, G. G.** Medico e povo no trabalho comum pela saúde colectiva. *Med. germ., Rio*, 1940, 9: 397-9.—**Whitney, E. A.** Public health and the private physician. *Med. Rec., N. Y.*, 1934, 140: 320.—**Wilzbach, C. A.** The doctor and public health; annual reunion, College of Medicine, University of Cincinnati, 1939. *J. Med., Cincin.*, 1939-40, 20: 231-6.—**Wolfenden, H. H.** The significance of preventive measures in relation to medical economies. *Canad. M. Ass. J.*, 1939, 41: 591.—**Zinsser, H.** The transformation of medicine by public health development. *Tr. Coll. Physicians Philadelphia*, 1936-37, 4: Suppl., 65-75.

— Historical aspect.

ZESCH, G. Die geschichtliche Entwicklung und die Neuordnung des öffentlichen Gesundheitswesens und der Gesundheitsverwaltung unter

besonderer Berücksichtigung der sächsischen Verhältnisse. 77p. 8°. Dresd., 1936.

Alberti, G. Albori di assistenza e tutela sociale del medico nell'antica Roma. *Difesa sociale*, 1940, 19: 843-7.—**Baas, K.** Mittelalterliche Gesundheitsfürsorge im Gebiete des heutigen Rheinlens (mit besonderer Berücksichtigung von Mainz) Veröff. Medverwalt., 1931, 35: 83-149. — **Mittelalterliche Gesundheitsfürsorge im Gebiet der heutigen hessischen Provinzen Starkenburg und Oberhessen.** *Ibid.*, 1933-34, 41: 601-40.—**Barraud, G.** Grands coeurs du grand siècle. *Strasbourg méd.*, 1939, 99: Suppl., 9-12.—**Corbus, B. R.** Seventy-five years of social contribution; an historical review. *J. Michigan M. Soc.*, 1940, 39: 919-24.—**Dinguizli.** Aperçu rétrospectif sur l'exercice de la profession médicale et de l'assistance médicale en Tunisie avant l'occupation française dans de pays. *Tunis. méd.*, 1931, 25: 177.—**Drews, R. S.** A history of the care of the sick poor of the city of Detroit (1703-1855) *Bull. Hist. M.*, 1939, 7: 759-82. — **The role of the physician in the development of social thought.** *Ibid.*, 1940, 8: 874-908.—**Ego Aguirre, E.** Los actos sociales en favor de la salud y la vida humana, en Lima, al través de cuatro siglos. *Crón. méd., Lima*, 1935, 52: 3-31.—**Finkenrath, K.** Die Entwicklung des Kassenrechtes in Deutschland. *Fortsch. Med.*, 1932, 50: 564; 610.—**Gils, J. B. F.** [Health care in Utopia (Thomas Moore)] *Ned. tschr. geneesk.*, 1940, 84: 3510-6, 2 pl.—**Gottstein.** Entwicklung und Stand der sozialhygienischen Fürsorge. *Münch. med. Wschr.*, 1927, 74: 699.—**Hazemann, R. H.** The recent trend of medico-social policy in Europe. *Bull. Health Org. League of Nat.*, 1939, 8: 662-731.—**Hellinga, G.** Geschiedenis der geneeskundige armenverzorging buiten de gasthuizen te Amsterdam. *Ned. tschr. geneesk.*, 1933, 77: 528.—**Hoej, J. M.** Progress in social security. *Tr. Nat. Tuberc. Ass., N. Y.*, 1936, 32: 175-80.—**Lemay, P.** Un projet d'assurances médicales au XVIII^e siècle. *Bull. Soc. fr. hist. méd.*, 1936, 30: 30-6.—**McEachern, J. R.** The progress of public health since the beginning of the present century. *Health Notes*, Jacksonville, Fla., 1935, 27: 3-6.—**Morford, T.** Health insurance, its history and general trend. *J. Tennessee M. Ass.*, 1935, 28: 53-61.—**Neal, J. R.** History and health insurance. *Clin. M. & S.*, 1935, 42: 131.—**Ochsner, E. H.** The genesis of social insurance. *Delaware M. J.*, 1932, 4: 19. Also *Med. Times, N. Y.*, 1932, 60: 52.—**Redeker, F.** Kreisphysikus, Stadtphysikus und einiges mehr aus der Gesundheitsverwaltung vor 150 Jahren. *Zschr. Gesundheitsverwalt.*, 1933, 4: 361-7.—**Rudolph, B.** Begriffsdeutung und -wandlungen in der Sozialversicherung. *Vertrauensarzt*, 1939, 7: 245-9.—**Shryock, R. H.** Frühe Beiträge der wissenschaftlichen Medizin und der Aerzte zur öffentlichen Wohlfahrt 1750-1800. In *his Entw. mod. Med.*, Stuttgart, 1940, 65-88.—**Sigerist, H. E.** Kassenzärzte im Altertum? *Mitt. Gesch. Med. Naturwiss.*, 1926, 25: 65-7.—**Solmi, A.** Le corporazioni nel medio evo. *Assist. sociale, Roma*, 1936, 10: Suppl., 1-19.—**Soziale** (Die) Fürsorge heute und im Weltkrieg. *Aerztebl. Hessen*, 1939, 7: 411.—**Tropeano, G.** Anacronismi di beneficenza medievale. *Med. sociale, Nap.*, 1932, 22: No. 7, 5. — **Beneficenza, assistenza e medicina sociale nella storia.** *Ibid.*, 1936, 26: No. 12, 3-7.—**Weinländer, G.** Die Entwicklung der sozialärztlichen Verhältnisse im Jahre 1931. *Wien. med. Wschr.*, 1932, 82: 36-8.

— Hospital service.

See also subheading Rural service; also Hospital.

GALLET, T. *L'assistance publique à l'hôpital; ce qu'elle est; ce qu'elle devrait être. 39p. 8°. Par., 1934.

Acker, J. M., jr. The community hospital. *N. Orleans M. & S. J.*, 1933, 86: 1-7.—**Altmeier, A. J.** Relation of hospital service to a national health program. *Hospitals*, 1938, 12: No. 10, 24-9.—**Anderson, W. H.** The community hospital. *J. M. Ass. Alabama*, 1938-39, 8: 421-4.—**Assistenza ospitaliera e convalescenziari** in una conferenza del Sen. Prof. Devoto. *Med. sociale, Nap.*, 1936, 26: No. 7-8, 1-3.—**Bachmeyer, A. C.** The hospital and community health. *Puerto Rico Health Bull.*, 1940, 4: 370-6.—**Bacon, A. S.** The hospital; an agency that is supreme in public service. *Mod. Hosp.*, 1931, 36: 49-51.—**Baillieu, A. S.** Services of American and European hospitals; Los Angeles County General Hospital. *Hospitals*, 1940, 14: No. 4, 112-28.—**Barrett, J. W.** Problems—analysis of community relationships of hospitals. *Hosp. Progr.*, 1936, 17: 51-3.—**Beeler, J. M.** Relationship of hospitals to public health. *Hospitals*, 1939, 13: No. 10, 35-7. — **An unusual county set-up guards the health of 130,000 persons.** *Mod. Hosp.*, 1934, 43: 74-7.—**Bierring, W. L.** The hospital as a community asset. *Diplomate*, 1934, 6: 137-44.—**Black, B. W.** Private hospitals must supply care on basis of ability to pay. *Mod. Hosp.*, 1933, 41: 37-40.—**Boas, E. P.** Chronic diseases; a challenge to the hospital and to the community. *Ibid.*, 1926, 26: 138-41.—**Bournemouth** hospital and health services. *Brit. M. J.*, 1938, 1: Suppl., 133.—**Branton, A. F.** Opportunities for community service other than hospitalization. *Trained Nurse*, 1935, 95: 432-5. Also *Hospitals*, 1936, 10: 40-3.—**Buchan, G. F.** [The hospital in relation to the public health to cities of 100,000 inhabitants] *Proc. R. Soc. M.*, Lond., 1927, 20: 205-16.—**Calhoun, I., & Payne, D.** A week with the hospital health service. *Canad. Nurse*, 1940, 36: 701.—**Carpenter, H. C.** The hospital's responsibility in pre-

- ventive medicine. *Tr. Am. Pediat. Soc.*, 1932, 44: 15-23. Also repr. Also *Am. J. Dis. Child.*, 1932, 44: 1-8.—**Clark R. V., Davidson, S.** [et al.] Discussion on hospital service. *Edinburgh M. J.*, 1939, 46: Suppl., *Tr. Med. Chir. Soc.*, 1-16.—**Cleere, R. L.** Future relations between hospitals and the public health agencies. *Hospitals*, 1938, 12: 44-6.—**Coerper, C.** Beitrag zu der Frage des Verhältnisses von Klinik und Gesundheitsfürsorge. *Gesundheitsförs.* Kindesalt., 1932, 7: 166-73.—**Community** (The) hospital as a factor in the betterment of medical service. *J. Maine M. Ass.*, 1939, 30: 303.—**Cooke, M. L.** The hospital as the center of public health activity. *Hosp. Progr.*, 1932, 13: 399-401.—**Craig, A.** The great hospital field as a huge undertaking for the health of nations as a great business investment as well as a splendid philanthropy and genuine religious service to mankind. *Ibid.*, 1926, 7: 345-7.—**Cros-Mayrevieille, G.** L'évolution de l'assistance hospitalière. *Rev. philanthrop.*, Par., 1928, 49: 7-13.—**Cunning, H. S.** The hospital and public health. *Hosp. Progr.*, 1930, 11: 453-7. Also *Tr. Am. Hosp. Ass.*, 1932, 34: 800-6.—**Hospital service of the future.** *West. Hosp. Rev.*, 1935-36, 23: No. 2; 5; 12.—**Curtis, G. W.** To provide adequate service. *Bull. Am. Coll. Surgeons*, 1936, 21: 29.—**Cutter, I. S.** Hospital extension service benefits; the patients, the staff men, the hospital. *Mod. Hosp.*, 1936, 46: No. 2, 64.—**Davis, G. L.** The measurement of hospital service. *Hosp. Progr.*, 1941, 22: 62-6.—**Davis, M. M.** Hospitals provide medical care. *Mod. Hosp.*, 1938, 51: 57.—**Davis, N. E.** The proper interpretation of hospital service. *Bull. Am. Coll. Surgeons*, 1935, 19: 24-6.—**Doane, J. C.** Are opportunities for fuller service being wasted? *Mod. Hosp.*, 1927, 28: No. 6, 80-5.—**Drigalski, W. von.** Wege und Ziele der geschlossenen (Anstalts-) Fürsorge in der Grossstadt. *Nosokomeion, Stuttg.*, 1930, 1: 126-84.—**Dujarric de la Rivière, R.** L'importance et le rôle du service médical dans les hôpitaux pour l'hygiène générale et sociale. *Ibid.*, 1931, 2: 162-73.—**Expansion** of general hospital service urged at New England meeting. *Hosp. Management*, 1940, 49: No. 3, 17.—**Frank, H.** Krankenhausfürsorge. *Deut. med. Wschr.*, 1938, 64: 197-9.—**Frankel, E.** Trends in general hospital services in New Jersey: 1929-36. *Hospitals*, 1937, 11: No. 12, 40-8.—**The hospital's responsibility in comprehensive planning for medical care.** *J. M. Soc. N. Jersey*, 1938, 35: 412-5.—**Freehof, S. B.** What society expects of the hospital. *Hospitals*, 1936, 10: No. 6, 9-11.—**Gabriel, J.** The hospital and the changing social order. *Bull. Am. Coll. Surgeons*, 1936, 21: 12. Also *Hospitals*, 1936, 10: 17-20.—**Glaser, E.** Die Aufgabe der modernen Krankenhäuser im Dienste der Krankheitsverhütung und nachgehenden Krankenfürsorge. *Wien. med. Wschr.*, 1931, 81: 758-60.—**Goldmann, F.** Das Krankenhaus in der Gesundheits- und Volkswirtschaft. *Nosokomeion, Stuttg.*, 1931, 2: 699-722.—**Über gesundheitspolitisch wichtige Leistungen der deutschen Krankenhäuser.** *Zschr. ges. Krankenhauswes.*, 1932, 517: 541.—**Goldsmith, S. A.** The public and the community hospitals. *Tr. Am. Hosp. Ass.*, 1933, 35: 782-8. Also *Bull. Am. Hosp. Ass.*, 1934, 8: 49-55.—**Golub, J. J.** Hospitalology; the fields and program of hospital service, hospital administration, and hospital planning. *Hospitals*, 1937, 11: No. 8, 32-7. Also repr.—**Goodale, W. S.** The city hospital as an aid to community health. *Hosp. Management*, 1937, 43: 13; 56.—**Groves, E. W. H.** Should medicine be a mendicant? a review of our hospital service. *Lancet, Lond.*, 1930, 1: 996; 1050; 1105.—**Gruschka, T.** Die präventiven Aufgaben des Krankenhauses. *Nosokomeion, Stuttg.*, 1933, 4: 6-13.—**Hamilton, T.** The community hospital; its application to Australasia. *J. Coll. Surgeons Australasia*, 1938-29, 1: 396-401.—**Hawthorne, C. O.** Hospital provision as a social service; the function of hospitals in relation to treatment, teaching and research. *Brit. M. J.*, 1932, 2: Suppl., 117.—**Herbst, M.** Co-ordination of the hospitals with other branches of public health service. *J. R. San. Inst.*, 1939-40, 60: 10-7.—**Hoehler, F. K.** The relation of hospitals to public welfare administration. *Hospitals*, 1937, 11: 37-9.—**Hoffmann, W.** Die Bedeutung der öffentlichen allgemeinen Krankenhäuser, besonders für Gross-Berlin. *Zschr. ges. Krankenhauswes.*, 1926, 22: 161-5.—**Hospital service, 1937. *J. Am. M. Ass.*, 1938, 110: 1049.—**Hospital service** according to types of service and agencies concerned. *Ibid.*, 1941, 116: 1071-144.—**Hospital service in Denmark.** *Ibid.*, 1927, 89: 233.—**Hospital service in the United States**; eighth and ninth annual presentation of hospital data by the Council on Medical Education and Hospitals of the America Medical Association. *Ibid.*, 1929, 92: 1043; 1930, 94: 921.—**Hospital and clinical service in 28 cities.** *Bull. Am. Hosp. Ass.*, 1933, 3: 689-96.—**Howe, F. S.** The hospital and society in the changing social order. *Ibid.*, 1935, 9: 22; 160.—**Hübener.** Geschlossene Krankenfürsorge (Heilanstalten) In Soc. Kult. & Volkwohl. ... Kaiser Wilhelm II. Berl., 1913, 2: 391-408, 2 pl.—**Jackson, A. B.** Hospitals and health. *J. Nat. M. Ass., Newark*, 1930, 22: 115-9.—**James, J. D.** Improved hospital service and the public. *J. Missouri M. Ass.*, 1933, 30: 68-71.—**Jenkins, R. B.** The place of the hospital in public health work in Canada. *Nosokomeion, Stuttg.*, 1939, 10: 52-7.—**Jennings, B. S.** How hospitals are meeting the social problems of the depression. *Mod. Hosp.*, 1934, 42: 87-90.—**Jones, E. W.** Hospital problems and relationships between voluntary hospitals and governmental agencies in hospital care for medical indigent. *Hospitals*, 1939, 13: No. 10, 31-4.—**Keller, F. W.** Public relations of a hospital in a small community. *Ibid.*, 1938, 12: No. 6, 93-6.—**Ketcham, D.** Bridging the gap. *Ibid.*, 1940, 14: No. 9, 21-**
- 30.—**Klein, W.** Krankenanstalten und sonstige Einrichtungen des Gesundheitswesens. In *Amtsarzt, Jena*, 1936, 527-70.—**Lamont, D. C.** The hospital services. *J. R. San. Inst.*, 1935-36, 56: 9-17.—**Lattner, F. P. G.** Newer trends in hospital service. *Hosp. Progr.*, 1936, 17: 162.—**Lewis, T. K.** Report on reference sub-committee II on expansion of hospital facilities. *J. M. Soc. N. Jersey*, 1938, 35: 618.—**Leupold, F. C.** Giving public an inside view of hospital service; this talk before club will suggest practical ideas to those who may have opportunity to appear in public to tell hospital's story. *Hosp. Management*, 1934, 37: 41-3.—**Lewinski-Corwin, E. H.** The hospital and the community. *Hospitals*, 1936, 10: No. 7, 16-9.—**Local Government hospital services.** *Brit. M. J.*, 1939, 2: 537-40.—**MacEachern, M. T.** The hospital as an organized health center. *Bull. Am. Coll. Surgeons*, 1930, 14: 20-9.—**The hospital's obligations to the community.** *Canad. J. M. & S.*, 1931, 70: 104-10.—**Community relations; a program for a 50 bed hospital.** *Mod. Hosp.*, 1940, 55: No. 2, 41-3.—**McSweeney, C. J.** The hospitals and the public health. *Irish J. M. Sc.*, 1939, 6. ser., No. 157, 15-25.—**Markwith, R. H.** Relationship of public health to hospitals. *Hospitals*, 1940, 14: No. 7, 63-5.—**Martin, F. H.** The Duke Foundation in relation to modern hospitals and their responsibility to the public and the medical profession. *Surg. Gyn. Obst.*, 1931, 53: 122-8.—**Mayo, C. H.** The community hospital. *Bull. Am. Coll. Surgeons*, 1926, 10: 3.—**Medical service in a teaching hospital**; Dr Christian's farewell report. *J. Am. M. Ass.*, 1939, 113: 1736.—**Mills, A. B.** Hospital associations plan to cooperate with A. M. A. in national health program. *Mod. Hosp.*, 1938, 51: No. 4, 65.—**Moore, A. H.** The values of hospital service. *Hospitals*, 1938, 12: 17-9.—**Morrill, D. M.** The community hospital and the next generation. *Ibid.*, 1937, 11: 11-6.—**Mountain, J. W.** Voluntary hospitals and the national health program. *Ibid.*, 1939, 13: No. 4, 24-30.—**Munger, C. W.** The community hospital as an essential agency in the field of public health. *Ibid.*, 1936, 10: No. 7, 9-12.—**Nash, E. H. T.** The provision of hospital services for growing populations. *Med. Off., Lond.*, 1934, 52: 253.—**Neergaard, C. F.** The board of trustees and community hospital policies. *Hospitals*, 1936, 10: No. 8, 9-12.—**Neff, R. E.** Hospitals and the changing social order. *Hosp. Topics*, 1938, No. 10, 18-20.—**Nicoll, M., jr.** Place of the hospital in the promotion of public health programs. *Tr. Am. Hosp. Ass.*, 1929, 31: 258-64.—**O Connell, J. S.** The role of the hospital in the present social change. *Hospitals*, 1937, 11: No. 6, 16-20.—**O'Dwyer, T. J.** An effective method for the integration of the hospital in community plans for social reorganization. *Hosp. Progr.*, 1935, 16: 285-9.—**Picken, R. M. F.** The role of the hospital relative to the development of preventive medicine; the municipal general hospital. *J. R. San. Inst.*, 1931, 52: 46-57.—**Ponton, T. R.** Study show hospital service is adequate in 33 of the 48 states. *Hosp. Management*, 1940, 50: No. 3, 24-6.—**Roem, C. R.** The hospital as a medical service center. *Proc. Congr. M. Educ.*, 1932, 4-7. Also repr.—**Rüdin.** Die Rolle des Krankenhauses im öffentlichen Gesundheitsdienst vom Standpunkt des eugenischen Problems. *Nosokomeion, Stuttg.*, 1935, 6: 28-33.—**Schweppe, C. H.** Social consciousness; by-product of voluntary hospitals. *Mod. Hosp.*, 1935, 45: No. 4, 37-40.—**Shapiro, S.** Hospital's place in community organization. *Hospitals*, 1938, 12: No. 2, 48-50.—**Sieben.** Das Krankenhaus als Instrument staatlicher Gesundheitspolitik. *Zschr. ges. Krankenhauswes.*, 1936, 145-7.—**Sister Mary Helen.** Contribution of hospitals to the community: viewpoint of a director of nursing. *Hosp. Progr.*, 1938, 19: 104.—**Small, W. B.** An experiment in cooperative care of the indigent sick. *Mod. Hosp.*, 1917, 8: 180.—**Smith, N.** Development of the hospital as a health center through its outpatient department. *Hospitals*, 1940, 14: No. 3, 112-4.—**Stark, L. C.** The widening circle of hospital service in Missouri. *Ibid.*, 1939, 13: No. 12, 45.—**Swint, J. J.** The hospital and the community. *West Virginia M. J.*, 1935, 31: 512.—**Truesdale, P. E.** The rôle of the hospital in human salvage. *Bull. Am. Coll. Surgeons*, 1934, 13: 36.—**Turner, C. C.** The hospital as a community problem. *Kentucky M. J.*, 1933, 31: 466-71.—**Vonessen.** Das Krankenhaus als Mittelpunkt der Gesundheitsfürsorge. *Zschr. ges. Krankenhauswes.*, 1934, 245-50.—**Walker, W. F.** Opportunities in public health program for community hospital participation. *Hospitals*, 1940, 14: No. 5, 28-31.—**What is adequate hospital service?** *J. Am. M. Ass.*, 1938, 111: 257.—**Wilinsky, C. F.** The place of hospitals in public health work in the United States. *Nosokomeion, Stuttg.*, 1939, 10: 57-60.—**Zeitler & Grossmann** [et al.] Gutachterausschuss für das öffentliche Krankenhauswesen (Fachausschuss des Deutschen Gemeindetages) 27. Tagung, 25. November 1938, Danzig. *Zschr. ges. Krankenhauswes.*, 1939, 169: 201.—**Zwilling, P. R.** The spirit of hospital service. *Hospitals*, 1940, 14: No. 6, 33-7.

Hospital service: Budgeting.

CARPENTER, N. Hospital service for patients of moderate means; a study of certain American hospitals. 105p. 8°. Wash. [1930]

ROREM, C. R. Non-Profit hospital service plans. 130p. 22½cm. [Chic.] 1940.

Alameda County Hospital plan in action. *Mod. Hosp.*, 1927, 28: No. 6, 49-55.—**Chapman, F. E.** The patient of moderate means; how shall we help him? *Ibid.*, 1929, 32: No.

- 5, 78.—**Colman, J. D.** Baltimore's Hospital Service Plan; a progress report. *Johns Hopkins Nurs. Alumnae Mag.*, 1940, 39: 190.—**Compensation** correspondence. *Hospitals*, 1941, 15: No. 2, 35-7.—**Davis, M. M.** The patient of moderate means; shall we help him? *Mod. Hosp.*, 1929, 32: No. 5, 75-7.—**Deacon, F.** New form of hospital protection against sickness costs. *Clin. M. & S.*, 1932, 39: 38.—**Durgom, J. A.** Success of service plans depends on sound enrollment procedure. *Hosp. Management*, 1939, 48: No. 3, 21.—**Emch, A. F.** The problem of financing hospital care for the indigent. *Hospitals*, 1941, 15: No. 4, 79-84.—**Falk, I. S.** Changes in paying for hospital care considered from a general economic point of view. *West. Hosp. Rev.*, 1934-35, 22: No. 4, 7: 18.—**Foley, M. O.** Can U. S. hospitals use English contributory scheme? wholehearted cooperation of British Medical Association and of employers basis of success abroad. *Hosp. Management*, 1934, 33: 22.—**Frank, G.** The war on depression. *Tr. Am. Hosp. Ass.*, 1933, 35: 610-9. Also *Bull. Am. Hosp. Ass.*, 1933, 7: 1-12.—**Fryers, S. C.** Voluntary hospitals and contributory schemes. *Brit. M. J.*, 1939, 1: Suppl., 73-6.—**Gabriel, J.** The rôle of our hospitals in the national recovery program. *Bull. Am. Coll. Surgeons*, 1934, 18: 11-3. Also *Hosp. Management*, 1934, 37: 36-8.—**Gigniliat, L. R., jr.** Modernize on easy payments. *Mod. Hosp.*, 1936, 47: No. 6, 79-82.—**Goldwater, S. S.** Familiar practices in planning for middle class patients. *Hosp. Management*, 1926, 22: No. 6, 55-7. Community hospitals; a plan for financing them. *Mod. Hosp.*, 1933, 41: 53-5. The future of hospital service plans. *Hospitals*, 1940, 14: No. 10, 35-8.—**Harmon, E. L.** Cleveland's credit plan. *Mod. Hosp.*, 1938, 51: 51-3.—**Hausen, W.** Zur Frage der Umsatzsteuerpflicht der Krankenanstalten für Lieferungen und Leistungen an von den Versicherungsträgern eingewiesene Kranken. *Zschr. ges. Krankenhauswes.*, 1937, 73-5.—**Holder, H. G.** Central Clinic Service—San Diego county plan; a plan for reduced fee medical care and hospitalization. *California West. M.*, 1933, 39: 61-9.—**Hospital** provision for people of moderate means. *Brit. M. J.*, 1932, 1: 766.—**Hospital** service plan news. *Hospitals*, 1940, 14: No. 11, 116; 1941, 15: No. 2, 94.—**Hospital** service plan news; prepared by the Commission on Hospital Service and the Council on Hospital Service Plans. *Ibid.*, No. 3, 94; No. 4, 91; No. 7, 99; No. 9, 106.—**Howe, F. S.** What The Oranges have done to solve the problem of payment for the care of indigent patients in care of indigent patients in private hospitals by responsible political divisions. *Tr. Am. Hosp. Ass.*, 1932, 34: 171-87.—**Howland, J. B.** Further comments on hospital care for patients of limited means; a discussion of Doctor Washburn's article. *Mod. Hosp.*, 1930, 35: 89.—**Important** hospital facts. *Bull. Am. M. Ass.*, 1935, 30: 33-5.—**Kelly, M. A.** A financial guide for service plans. *Hospitals*, 1939, 13: No. 6, 33-6.—**Lamb, S.** British hospital contributory schemes. *Nosokomeion, Stuttgart*, 1932, 3: 287-96.—**Levy, L.** Hospital standardization with a suggestion for hospital and medical care of the lower income group. *Memphis M. J.*, 1939, 14: 18-20.—**Lewinson-Corwin, E. H.** The support of voluntary hospitals in Great Britain through contributory schemes. *Tr. Am. Hosp. Ass.*, 1932, 34: 495-501.—**Lewis, O. M.** Hospital social service for people of moderate means. *Hosp. Social Serv.*, 1929, 20: 458-67.—**McCleery, A. B.** & **Smith, H.** Paying for hospital services with goods and labor. *Mod. Hosp.*, 1934, 42: 102-4.—**MarEacern, M. T.** World unit in relief of suffering. *Hospitals*, 1939, 13: No. 10, 27-30.—**McNamara, J. A.** & **Kelly, M. A.** Six points for service plans. *Ibid.*, 1936, 10: No. 6, 62-5.—**McNary, W. S.** One year of the Blue Cross plan. *Rocky Mountain M. J.*, 1940, 37: 41-3.—**Martin, W. B.** Hospital care for the indigent and the low income group; a plan for subsidizing the accessories of medicine. *Virginia M. Month.*, 1939, 66: 513-6.—**Mattison, F. C. E.** Hospital care for the indigent and those of moderate means. *Tr. Am. Ther. Soc.* (1928) 1930, 28: 17-27.—**New London** Hospital adopts community fund plan which simplified contribution problem. *Connecticut M. J.*, 1940, 4: 614-7.—**Organization** of advisory hospital committee for the Connecticut plan for hospital care. *Ibid.*, 1941, 5: 58.—**Oseroff, A.** Ward plans come to the fore; the need for a low cost plan. *Mod. Hosp.*, 1940, 55: No. 2, 76.—**Parry, E.** Design for saving. *Ibid.*, 1936, 46: No. 3, 51.—**Peifer, H.** Beitrag zur Frage der Regelung der Preisfestsetzung in den öffentlichen Krankenhäusern. *Zschr. ges. Krankenhauswes.*, 1926, 22: 56-8.—**Pennell, E. H.** & **Mountain, J. W.** The financial support of non-government hospitals as revealed by the recent Federal business census of hospitals. *Hospitals*, 1937, 11: No. 12, 11-9.—**Plan** (The) for hospital care [Chicago] *J. Am. M. Ass.*, 1936, 107: 1569.—**Powell, B. C.** Modernization credit as it affects hospitals; 14 answers to questions. *Hospitals*, 1936, 10: 79.—**Progress** in hospital grouping. *Lancet, Lond.*, 1940, 2: 398.—**Rappleye, W. C.** The patient of moderate means; how far shall we help him? *Mod. Hosp.*, 1929, 32: No. 5, 83-5.—**Rhees, M. J.** Experience of a hospital for people of moderate means. *Bull. Am. Hosp. Ass.*, 1935, 9: 100-4.—**Roem, C. R.** Hospitals to receive \$35,000,000 from service plans in 1941. *Hosp. Management*, 1941, 51: No. 2, 29.—**Routley, F. W.** Canadian hospital contributory schemes. *Tr. Am. Hosp. Ass.*, 1932, 34: 501-9.—**Rowell, C. H.** Hospital service to the middle class patient. *Ibid.*, 1928, 30: 447-52.—**Seelig, G.** A state-wide hospitalization plan for the low income group. *Illinois M. J.*, 1939, 74: 197-200.—**Sloan, R. P.** Highland Park plan wins hospital support. *Mod. Hosp.*, 1935, 45: No. 2, 69-72.—**Spohr, W.** Zur Frage der Umsatzsteuerpflicht der Krankenanstalten für Lieferungen und Leistungen an von den Versicherungsträgern eingewiesene Kranke. *Zschr. ges. Krankenhauswes.*, 1936, 562-7.—**Taylor, R.** Hospital care for the needy in New York State. *Mod. Hosp.*, 1936, 47: 77.—**These** principles govern proper admission of patients; Cleveland Hospital Council outlines routine to insure good will, and satisfactory payment for service; how to handle emergency admissions. *Hosp. Management*, 1934, 33: 26-8.—**end** (The) in three volumes. *Hosp. Progr.*, 1940, 21: 106-10.—**Ward, P. D.** Establishing uniform rates for care of indigent patients in voluntary hospitals. *Hospitals*, 1939, 13: No. 6, 51.—**Warning** of flaws in service plans voiced at Pennsylvania convention. *Hosp. Management*, 1939, 47: No. 5, 14.—**Washburn, F. A.** The care of people of moderate means in time of illness. *Mod. Hosp.*, 1930, 35: 87-9. The Baker Memorial of the Massachusetts General Hospital; a 10 months' demonstration in the hospital care of people of moderate means. *N. England J. M.*, 1931, 104: 920-3.—**Wood, W. F.** The patient of moderate means; how we have helped him. *Mod. Hosp.*, 1929, 32: No. 5, 80-2.—**Watts, E. C.** The Hospital Credit Union. *Hospitals*, 1940, 14: No. 5, 48-50.—**Whitecotton, G. O.** Hospital administration and its relation to the program of health care; developing good will; personnel and public. *Ibid.*, 1939, 13: No. 4, 19-23.—**Wisconsin** hospitals and medical payments plan. *Wisconsin M. J.*, 1939, 38: 1070.—**Woods, C. S.** The Hospital Finance Corporation of Cleveland. *Tr. Am. Hosp. Ass.*, 1933, 35: 268-82.

— Hospital service: Budgeting: Government aid.

CHALMERS, R. W. Hospitals and the state; a popular study of the principles and practice of charity. 143p. 8° Lond. 1928.

Act (An) concerning appropriations to hospitals and hospital rates. *Connecticut M. J.*, 1941, 5: 217.—**Analysis** (An) of S. 3246, a bill to authorize loans for hospitals, water, sewer, stream-pollution control, and related projects and facilities. *J. Am. M. Ass.*, 1940, 114: 496.—**Colman, J. D.** New Jersey gives emergency aid to hospitals and poor. *Mod. Hosp.*, 1935, 44: 55-7.—**Commonwealth** (The) fund. *J. Am. M. Ass.*, 1938, 110: 213.—**Davis, M. M.**, **Emerson, K.** [et al.] Proper use of government funds for hospital care; a symposium; the facts of the case with comments. *Mod. Hosp.*, 1934, 43: 80-4.—**Dobbs, S. C.** Relation of tax-supported hospitals to the community. *Hosp. Management*, 1935, 40: 30.—**Dubin, M.** Two states pay voluntary hospitals for care of indigent; have hospitals changed views since March 1929, when a committee rejected idea of subsidy for general hospitals in New Jersey? *Ibid.*, 1934, 38: 21-4.—**Frenken, P.** Einrichtungen zur Herabminderung der Krankenhauspflegekosten beim Wohlfahrtsamt der Stadt Köln. *Zschr. ges. Krankenhauswes.*, 1932, 175-8.—**Hospital** care for the needy; relations between public authorities and hospitals, with special reference to the use of tax funds for the care in nongovernmental hospitals of patients who are public responsibilities. *Hospitals*, 1938, 12: No. 8, 17-24.—**Hospital** services; liability of county for hospital expenses of indigents [Utah] *J. Am. M. Ass.*, 1938, 110: 465.—**Hospitalization** of CWA employees. *Bull. Am. Hosp. Ass.*, 1934, 8: 8-11.—**Jackson, A. C.** Hospitalization of Alabama's indigent sick. *J. M. Soc. N. Jersey*, 1938-39, 8: 424-6.—**Jones, E. W.** How the hospitals of Albany increased tax support for their indigent sick. *Hosp. Management*, 1938, 45: No. 5, 20-2.—**Lewis, T. K.** Social security and hospital relationships. *J. M. Soc. N. Jersey*, 1937, 34: 447-50.—**Loomis, F. D.** Governmental agencies and voluntary hospitals? *Hosp. Management*, 1935, 40: 17-36.—**Medical** relief; allocations and prorations of bills in Philadelphia County. *Week. Roster, Phila.*, 1940-41, 36: 487.—**Montavon, W. F.** The private hospital and the Government in the care of the sick. *Hosp. Progr.*, 1938, 19: 214-6.—**Plumley, M. L.** Payments from tax funds to voluntary hospitals for out-patient service. *Hospitals*, 1940, 14: 99-102. Also repr.—**Relief** funds used to pay for hospital care. *Bull. Am. Hosp. Ass.*, 1935, 9: 146-8.—**State** aid; should it be advocated or condemned? *Mod. Hosp.*, 1935, 44: No. 6, 61-4.—**State** aid for hospitals in Pennsylvania; an analysis of the report of the state welfare commission. *Hospitals*, 1936, 10: No. 3, 98-100.—**Swint, B. H.** The status of the hospitals in the medical relief setup. *West Virginia M. J.*, 1935, 31: 509-11.—**Verreault, G.** Government subsidies and hospital service in Canada. *Hosp. Progr.*, 1933, 14: 376-8.—**Wagner-Georges-Lea Bill** (The) to promote the National health and welfare through appropriation of funds for the construction of hospitals. *J. Am. M. Ass.*, 1940, 114: 1365-77.—**Wing, F. E.** Community planning for complete medical relief service in clinics. *Hospitals*, 1938, 12: No. 12, 35-8.—**Wright, R.** Seventy-seven millions is WPA's contribution to 1,207 public hospitals. *Hosp. Management*, 1939, 47: No. 3, 14-6.

— Hospital service: Budgeting: Insurance [Group hospitalization]

AMERICAN MEDICAL ASSOCIATION. BUREAU OF MEDICAL ECONOMICS. Group hospitalization. 296p. 8° Chic. 1937.

Addleman, P. Basis of compensating member hospitals in hospital care insurance plans. *Hospitals*, 1938, 12: No. 4, 37-40.—**Agnew, H.** The relationship of hospitals to health insurance. *Hosp. Progr.*, 1935, 16: 360-2.—**A. M. A.** (The) surveys group hospitalization. *Hosp. Topics*, 1937, 15:

- No. 11, 12-4.—**Associated Hospital Service of New York** revises its contracts. *J. Am. M. Ass.*, 1939, 113: 682.—**Baker, A. E.** Group hospitalization in South Carolina. *J. S. Carolina M. Ass.*, 1938, 34: 173-5.—**Baker, J. N.** Group hospital insurance. *J. M. Ass. Alabama*, 1934-35, 4: 399-401.—**Barker, C.** Prepaid hospital service. *J. Connecticut M. Soc.*, 1936-37, 1: 515-9.—**Berman, P.** The San Fernando plan. *Bull. Am. Hosp. Ass.*, 1935, 9: 138-45.—**Byrne, T. J., jr.** The doctor looks at hospitalization insurance. *Illinois M. J.*, 1940, 77: 71-5.—**Cahalane, R. F.** Group hospitalization. *N. England J. M.*, 1939, 220: 861-4.—**Caldwell, B. W.** The beginnings of group hospital service. *Hosp. Progr.*, 1939, 20: 352.—**Calvin, A. M.** Extension of group hospital service. *Minnesota M.*, 1940, 23: 391-7.—**Carraway, C. N.** Group hospitalization. *J. M. Ass. Alabama*, 1936-37, 6: 48.—**Carter, F. G.** Interdependence of hospitals and service plans. *Hospitals*, 1940, 14: No. 5, 32-5.—**Cleveland** medical profession O. K.'s group hospitalization; resolution of Academy of Medicine gives big impetus to this activity throughout state; progress reported in other sections. *Hosp. Management*, 1934, 37: 43.—**Cleveland's** hospital insurance plan. *Bull. Acad. M. Cleveland*, 1934, 18: No. 2, 7-12.—**College of Surgeons** gives O. K. to group hospitalization idea; official statement says this activity offers reasonable expectation of providing middle class patients with adequate service. *Hosp. Management*, 1934, 37: 27.—**Coordination of Ohio's** service plans urged at 26th Annual convention. *Ibid.*, 1940, 49: No. 4, 22.—**Corwin, E. H. L.** Group purchase of hospital care. *Bull. N. York Acad. M.*, 1932, 2 ser., 8: 682-6. — Some of the difficulties in connection with group purchase of hospital insurance. *Bull. Am. Hosp. Ass.*, 1933, 7: 41-4.—**Crain, K. C.** Hospitals use assignments to collect hospital care insurance. *Hosp. Management*, 1941, 51: 15. — Dr Goldwater sees ward-service plan next step in group hospitalization. *Ibid.*, No. 2, 27.—**Dannreuther, W. T.** Three cents a day for hospital insurance in New York City. *J. Am. M. Ass.*, 1935, 105: 1275-7.—**Davis, C. L.** Some newer thoughts on group hospitalization. *Hosp. Management*, 1936, 41: 13; 35.—**Davis, M. M.** Hospital insurance schemes. *Tr. Am. Hosp. Ass.*, 1932, 34: 509-19. — Group hospitalization in England; summary of 1933 proceedings of Conference of British Hospitals Contributory Schemes Association. *Bull. Am. Hosp. Ass.*, 1934, 8: 106-8.—**Development (The)** of group hospitalization in Cleveland. *Ibid.*, 1935, 9: 9.—**Developments (The)** of group hospitalization in different areas. *Ibid.*, 1934, 8: 124-6.—**Family** group hospital service plan. *Week. Roster, Phila.*, 1937-38, 33: 781-7.—**Faxon, N. W.** Tax support for indigent service and group insurance urged. *Hosp. Management*, 1934, 38: 22-4.—**Fifty-two** New York hospitals are charter members in group plan. *Ibid.*, 1935, 39: No. 4, 40.—**Garnett, R. W.** Hospitalization by the group payment plan on a state-wide basis. *Virginia M. Month.*, 1934, 61: 175; 1938, 65: 345.—**Gates, T. S., jr.** Business reviews the progress of group hospitalization. *Hospitals*, 1939, 13: No. 11, 18-21.—**Goldwater, S. S.** Next in insurance plans. *Mod. Hosp.*, 1938, 50: No. 4, 49-51.—**Gordon, H. R.** An insurance man's view on group hospitalization. *J. Indiana M. Ass.*, 1934, 27: 174.—**Governor** Dickinson of Michigan signs the Group Hospitalization Bill. *Hospitals*, 1939, 13: 47.—**Griffin, M. F.** Group hospital service. *Hosp. Progr.*, 1939, 20: 349-51.—**Groseclose, J. H.** Hospital insurance is difference between solvency, insolvency; here is a statement from Dallas Methodist Hospital which has 4,889 policyholders in its plan; institution has had 22 months' experience with its program. *Hosp. Management*, 1932, 34: Nov., 19.—**Group** hospitalization. *J. Am. M. Ass.*, 1937, 108: 2009; 109: 17B 25B; 36B.—**Group** hospitalization gains ground. *West. Hosp. Rev.*, 1933-34, 21: 11.—**Group** hospitalization steps ahead. *Med. Econom.*, 1936-37, 14: 22-5.—**Group** hospitalization or the periodic payment plan for the purchase of hospital care. *Canad. M. Ass. J.*, 1935, 33: Suppl., 31-44.—**Group** hospitalization under consideration in Cincinnati. *J. Med., Cincin.*, 1937-38, 18: 434.—**Group (The)** hospitalization plan of the Philadelphia County Medical Society. *Week. Roster, Phila.*, 1937-38, 33: 1401-7.—**Group** hospitalization in Wayne County. *J. Am. M. Ass.*, 1939, 113: 2066.—**Haberlin, Die** Krankenpflege in Zürich; ein Beitrag zur Entwicklung der Krankenpflegeversicherung. *Med. Klin., Berl.*, 1905, 1: 912-4.—**Hahn, A. G.** Starting a group insurance plan in a 150-bed hospital. *Med. Hosp.*, 1935, 44: 70.—**Hart, J.** Group hospitalization plan succeeds despite unusual difficulties. *Ibid.*, 1934, 42: 67-9.—**Haythorn, S. R.** Group hospitalization from the medical standpoint. *Pennsylvania M. J.*, 1935-36, 39: 409-12. Also repr.—**Henryson, E. J.** Group hospitalization benefits. *Med. Ann. District of Columbia*, 1940, 9: 285.—**Hosford, R. F.** Purchasing hospital protection. *Hosp. Management*, 1940, 49: No. 4, 35.—**Hospital** care insurance. *J. Kansas M. Soc.*, 1937, 38: 479.—**Hospital (A)** insurance system. *Lancet, Lond.*, 1935, 2: 671.—**Hospital** insurance urged. *Med. Econom.*, 1935, 12: 29-31.—**Hospital** care insurance news; prepared by the Committee on Hospital Service. *Hospitals*, 1939, 13: No. 2, 57; No. 3, 94.—**Hospital** provident scheme for the middle classes [Great Britain] *J. Am. M. Ass.*, 1939, 113: 1045.—**Hospital** service insurance in California. *West. Hosp. Rev.*, 1935-36, 23: No. 9; 5.—**Hospital** service plan news; prepared by the Commission on hospital service. *Hospitals*, 1939, 13: No. 8, 95; 1940, 14: 112; No. 5, 60; No. 8, 102; No. 12, 91; 1941, 15: No. 3, 97.—**How** one hospital has fared with group hospitalization; 1,704 memberships sold in 7 months; cost of establishment and operation of plan for this time, including charges for hospitalization rendered \$6,251.18. *Hosp. Management*, 1933, 35: 20.—**Ill, E. A.** The doctor's view of hospitalization insurance. *J. M. Soc. N. Jersey*, 1937, 34: 435-40.—**Immaculata, M.** Group hospitalization. *Hosp. Progr.*, 1934, 15: 490.—**Inter-county** plan proves feasibility of individual enrollment. *Hosp. Management*, 1940, 49: No. 5, 14.—**Iowa's** prepayment plans; prepayment for hospital services. *J. Iowa M. Soc.*, 1940, 30: 547-50.—**Irving, P.** Hospital insurance and medical indemnity. *J. Indiana M. Ass.*, 1940, 33: 123-5.—**James, D. B., jr.** Legal aspects of group hospitalization. *Hahneman. Month.*, 1937, 72: 997-1004.—**Johnson, C. C.** Hospital insurance. *Nebraska M. J.*, 1938, 23: 404-7.—**Keever, H. F.** Resolutions respecting prepaid hospitalization plans by the staff of the Newton Hospital. *N. England J. M.*, 1933, 209: 260.—**Keller, P.** The growing field of insurance practices related to voluntary hospitals. *Hospitals*, 1939, 13: No. 8, 89-94. — Hospital service plans at the crossroads; a review of conditions to be met. *J. M. Soc. N. Jersey*, 1940, 37: 453-7. — Also *Hospitals*, 1940, 14: No. 8, 106-9.—**Kelly, M. A.** Social aspects of hospital service plans. *Ibid.*, No. 5, 57-9. — How the Cleveland group plan is explained to prospects; presentation of plan followed by period of questions and answers found the most practical way of signing up applicants. *Hosp. Management*, 1935, 39: No. 3, 24; 43.—**Kenney, J. A.** The organization of a group hospital plan. *J. Nat. M. Ass., N. Y.*, 1936, 28: 108-10.—**Kimball, J. F.** Prepayment plan of hospital care. *Bull. Am. Hosp. Ass.*, 1934, 8: 42-7.—**Lamb, S.** A description of the voluntary hospital insurance plans now utilized by English workmen and their families. *N. England J. M.*, 1934, 211: 821-6. — Also *Bull. Am. Coll. Surgeons*, 1935, 19: 26-31. — Also *Bull. Am. Hosp. Ass.*, 1935, 9: 90-9.—**Lamping, T. J.** Significance in group hospitalization plan. *Illinois M. J.*, 1938, 74: 269-74.—**Leland, R. G.** Group hospitalization contracts are insurance contracts. *Bull. Am. M. Ass.*, 1933, 28: 113-6. — Prepayment plans for hospital care. *J. Am. M. Ass.*, 1933, 100: 870-3. — Also repr.—**List, W. E.** The private hospital in community life; group hospitalization. *J. Med., Cincin.*, 1934, 15: 256-60.—**Lockwood, I. H.** Non-profit group hospital service plans. *Nebraska M. J.*, 1940, 25: 249-51.—**McCracken, L. B.** Group hospitalization vs hospital expense insurance. *J. Indiana M. Ass.*, 1936, 29: 390.—**McGraw, W.** Group hospitalization insurance; its legal relationships. *Bull. Am. Hosp. Ass.*, 1935, 9: 95-7.—**MacLean, B. C.** Standards and approval program for non-profit hospital care insurance plans. *Hospitals*, 1938, 12: No. 4, 51-3.—**McNamara, J. A.** How Cleveland is adding 1,000 monthly to its group plan; policemen, postal workers, professional and allied groups as well as industrial employees join hospital service association in gratifying numbers; factors in success of sales of memberships. *Hosp. Management*, 1935, 39: 34-6. — Public knowledge is big factor in group hospitalization plans; many forms of publicity judiciously used aid in rapidly building up acceptance of Cleveland Hospital Service Association. *Ibid.*, No. 2, 20-2.—**Kelly, M. A.** The Cleveland plan grows up. *Hospitals*, 1936, 10: 44-6.—**Michigan** hospitals and medical payments; accident cases; agreement of insurance companies. *State Medical Society and hospital associations. J. Michigan M. Soc.*, 1941, 40: 123-8.—**Mills, A. B.** Group plan saves English voluntary hospitals, says Lamb. *Mod. Hosp.*, 1934, 43: 81. — Group hospitalization and hospitals. *Am. Med.*, 1935, 41: 516-8. — Group hospital plans are growing at rate so lively as to excite whole field. *Mod. Hosp.*, 1936, 47: No. 4, 70.—**Mitchell, R. B.** Group hospitalization; growth healthy due to continue. *Acad. Health Rev., Indianap.*, 1941, 34: No. 3A, Surv. Ed., 8-10.—**Mortensen, H. J.** Periodic payment plans for purchase of hospital care are held to be insurance in Wisconsin. *Wisconsin M. J.*, 1933, 32: 609.—**Mutendamp, P.** [Insurance against hospital expenses, especially in Friesland] *Ned. tscr. geneesk.*, 1940, 84: 3698.—**Neergaard, C. F.** London's prepayment plan for ward care. *Mod. Hosp.*, 1935, 50: No. 6, 46.—**Nelson, R. W.** Experiments in hospital insurance. *Northwest M.*, 1933, 32: 498-500.—**Norby, J. G.** Group hospitalization periodic payment plan for purchases of hospital care. *J. Lancet*, 1935, 55: 314; 320. — Hospital service plans; their contract provisions and administrative procedures. *In Law & Contemp. Probl. (Duke Univ.)* 1939, 6: No. 4, 545-58.—**Opinion of the Attorney-General of Illinois** on group hospitalization as insurance. *Bull. Am. Hosp. Ass.*, 1934, 8: 3.—**Parnall, C. G.** Group hospitalization: its purpose and suggestion for its organization in New York State. *Social Welf. Bull.*, 1936, 7: No. 5 & 6, 1-3.—**Periodic (The)** payment plan for the purchase of hospital care; recommendations of the Council on Community Relations and Administrative Practice of the American Hospital Association in relation to group hospitalization plans for people with limited incomes. *Mod. Hosp.*, 1933, 40: 88-91.—**Peter, M.** Group hospitalization. *Hosp. Progr.*, 1935, 16: 378.—**Philipsborn, A.** Der Gemeinschaftsgehalte im Krankenhauswesen. *Arch. sozial. Hyg.*, 1929, n. F., 4: 42-8.—**Predicts** ten million will have hospital care insurance. *Science News Lett.*, 1937, 32: 334.—**Pro and Con** discussion highlight of Minnesota meeting. *Hosp. Management*, 1940, 49: No. 6, 26.—**Reed, C. B.** Group hospitalization. *Illinois M. J.*, 1936, 70: 413-5.—**Reinert.** Private Krankenversicherung und Krankenhaus. *Zschr. ges. Krankenhausw.*, 1936, 540-2.—**Report** of executive director Group Hospital Service, inc., of Kansas City. *Week. Bull. Jackson Co. M. Soc.*, 1940, 34: 465, 474.—**Report** of the special committee to study hospital insurance. *Wisconsin M. J.*, 1938,

37: No. 10, Suppl., 1-12.—**Roberson, M. P.** Seven San Antonio hospitals carry on group hospitalization; 230 groups of employed persons are members and 250 individuals; 286 patients admitted for service in 1933. *Hosp. Management*, 1934, 37: 27.—**Roberson, W. E.** Group hospitalization. *Week. Roster, Phila.*, 1937-38, 33: 1189-93.—**Rogers, R. O.** A report on a hospital service association after 5 years of continuous operation. *West Virginia M. J.*, 1938, 34: 558-63.—**McCue, W. A.** The Bluefield periodic payment plan of providing hospital care. *Ibid.*, 1935, 31: 504-9.—**Roem, C. R.** Hospital care in the family budget; a description of group hospitalization; the periodic payment plan for the purchase of hospital care. *Bull. Am. Hosp. Ass.*, 1933, 7: 71-99.—**What the periodic payment plan for the purchase of hospital care has thus far demonstrated.** *Tr. Am. Hosp. Ass.*, 1933, 35: 430-5.—**Employees purchase hospital care on periodic payment plan.** *Mod. Hosp.*, 1934, 42: 53-6.—**Group hospitalization; what, where, and why is it?** *Am. Med.*, 1935, 41: 503-8.—**Progress of group hospitalization in 1934.** *Bull. Am. Hosp. Ass.*, 1935, 9: 77-91.—**Recent developments in group hospitalization.** *Bull. Am. Coll. Surgeons*, 1936, 21: 46-51.—**Doctors report success of group hospitalization.** *Mod. Hosp.*, 1936, 46: 50-2.—**Group hospitalization plans forge ahead.** *Hospitals*, 1936, 10: No. 4, 62-6.—**Council on Hospital Care Insurance outlines program for approved plans.** *Ibid.*, 1938, 12: No. 11, 56-8.—**Hospital care insurance provides service not cash.** *Mod. Hosp.*, 1938, 51: No. 2, 52-4.—**Approved list of hospital care insurance plans.** *Hospitals*, 1938, 12: No. 5, 80-2.—**The influence of hospital care insurance plans upon medical and hospital service.** *Bull. Am. Coll. Surgeons*, 1938, 23: 122-6.—**Trends in hospital care insurance.** *Ibid.*, 1939, 24: 206-8.—**Enabling legislation for non-profit hospital service plans.** *In Law & Contemp. Probl. (Duke Univ.)*, 1939, 6: No. 4, 528-44.—**Hospital service plans and private insurance contrasted.** *Hospitals*, 1940, 14: No. 7, 32-5.—**Satchwell, H. H.** The Medical Dental Bureau and hospitalization insurance. *J. M. Soc. N. Jersey*, 1937, 34: 440-2.—**Schenewerk, G. A.** Group hospital insurance. *Hospitals*, 1940, 14: No. 4, 38-41.—**Second (A) veterans hospital for our group.** *J. Nat. M. Ass.*, N. Y., 1934, 26: 81.—**Sister M. Ann Joachim.** Is insurance always an asset? *Mod. Hosp.*, 1940, 55: 68.—**Smith, H.** Group payment plans. *Bull. Am. Hosp. Ass.*, 1933, 7: 68-76.—**Solis-Cohen, M.** Hospitalization insurance. *Week. Roster, Phila.*, 1937-38, 33: 1487-95.—**Special meeting of approved hospital service plans; Chicago, November 9-10, 1940.** *Hospitals*, 1940, 14: No. 12, 66-8.—**Standards for non-profit insurance plans.** *Hosp. Topics*, 1938, 16: No. 5, 18.—**State of New York legalizes periodic payment plan.** *Bull. Am. Hosp. Ass.*, 1934, 8: 109-11.—**Stephens, G. F.** One hospital's experience in voluntary types of insurance and pensions. *Hospitals*, 1936, 10: No. 3, 21-3.—**Stephenson, H. C.** Ward service hospital plans are necessary. *Ibid.*, 1941, 15: No. 2, 103.—**Stolk, C.** [A contract with the Hospital-Care Fund] *Ned. tscr. geneesk.*, 1936, 80: 3198.—**Sutley, M. L.** An appraisal of hospital insurance problems. *Hospitals*, 1940, 14: No. 9, 31-5.—**That hospital insurance program.** *J. Indiana M. Ass.*, 1938, 31: 695.—**Twitty, B.** Offers family group hospitalization. *Hosp. Management*, 1933, 36: 25.—**University Hospital to enter group hospitalization.** *Univ. Hosp. Bull., Ann. Arb.*, 1939, 5: 35.—**Urge extension of service plans at New Jersey convention.** *Hosp. Management*, 1940, 49: No. 6, 27.—**Van Dyk, F.** What we have learned from a year of group hospitalization. *Ibid.*, 1934, 37: 31.—**Experience reveals the worth of group hospitalization.** *Bull. Am. Hosp. Ass.*, 1934, 8: 77-85.—**A working plan.** *Am. Med.*, 1935, 41: 512-15.—**Progress in group hospitalization.** *Bull. Am. Hosp. Ass.*, 1935, 9: 104-9.—**Group hospital insurance.** *Yale J. Biol.*, 1935-36, 8: 97.—**Experience as a guide in development of group hospitalization.** *Hospitals*, 1938, 12: 79-83.—**Van Steenwyk, E. A.** How small hospitals fit into a state-wide insurance plan. *Mod. Hosp.*, 1939, 53: No. 2, 51.—**Walsh, W. H.** The essential principles of the group purchase of hospital service. *Bull. Am. Coll. Surgeons*, 1933, 17: 22-7.—**Voluntary group hospitalization, as applied to the industrial worker.** *Indust. M.*, 1933, 2: 273-8.—**Ward (The) service plan of the Associated Hospital Service of Philadelphia.** *Hahneman. Month.*, 1940, 75: 959-61.—**Whitney, A. W.** Hospitals and insurance companies. *Tr. Am. Hosp. Ass.*, 1933, 35: 398-409.—**Also Bull. Am. Hosp. Ass., 1934, 8: 96-105.—**Closing the breach between hospitals and insurance companies.** *West. Hosp. Rev.*, 1933, 21: 7-23.—**Wickenden, H.** Development of New York's group hospitalization plan. *Hosp. Management*, 1935, 39: 17-9.—**Young, E. H.** Non-profit hospital service plans; as presented to the annual meeting of the Maine Hospital Association, Lakewood, Maine, August 31, 1938. *J. Maine M. Ass.*, 1939, 30: 27-9.**

Hospital service: Budgeting: Philanthropic aid.

Hospital philanthropy; a legal view of gifts and taxes. *Hospitals*, 1937, 11: 59.—**Loomis, F. D.** Community chests and hospitals. *Mod. Hosp.*, 1934, 43: 43-6.—**Morrill, D. M.** Will the human urge to give to those less favored continue for voluntary hospitals? *Tr. Am. Hosp. Ass.*, 1933, 35: 261-4.—**Skillman, D. B.** The part philanthropy plays in the support of voluntary hospitals. *Hospitals*, 1937, 11: No. 10, 30-3.

Wagner, R. M. The place of the Catholic hospital in a diocesan charities program. *Hosp. Progr.*, 1934, 15: 335.—**Walsh, W. H.** Safeguarding eleemosynary trust funds (summary) *Bull. Am. Coll. Surgeons*, 1939, 24: 205.

Hospital service: Cost.

Caldwell, B. W. Avoidable causes that effect the high cost of hospitalization. *Mod. Hosp.*, 1927, 29: No. 5, 62-4.—**Cooke, A. B.** The cost of medical care and hospitalization. *California West. M.*, 1930, 32: 73.—**Embleton, D.** Symposium of the hospital problem. *Med. J. Australia*, 1930, 2: 381-98.—**Foley, M. O.** Federal attitude to hospitals big interest at Philadelphia; burden of indigent service stressed throughout sessions of A. H. A. and allied groups at convention; big attendance expected. *Hosp. Management*, 1934, 38: 15-7.—**Hall, H. M.** The hospital problem. *West Virginia M. J.*, 1931, 27: 49-59.—**Jolly, R., Buerki, R. C., & MacEachern, M. T.** Panel round table conference—the care of the patient; a discussion of administrative, professional and economic problems as related to hospital service. *Bull. Am. Coll. Surgeons*, 1937, 22: 163-83.—**Keegan, J. J.** Financial and social problems of modern hospital service. *Mod. Hosp.*, 1929, 33: No. 5, 62-4.—**Lombard, H. L., & Giblin, M. R.** Hospitalization problem in Wayland. *N. England J. M.*, 1929, 200: 1097-100.—**Lower cost of hospitalization urged at Western convention.** *Hosp. Management*, 1940, 49: No. 5, 21.—**Lutes, J. D.** The challenge of advanced science to hospital administration; medicine and other sciences progress, the social order faces adjustment, and hospitals must move along with the tide. *Ibid.*, 1935, 39: No. 3, 34; 43.—**Mayo, W. J.** Nursing and hospital costs for individuals in moderate circumstances. *Proc. Mayo Clin.*, 1929, 4: 307.—**More about Sutter hospital.** *Am. Med.*, 1932, 38: 225-8.—**Remy, C. E.** Hospital problems: Hospital backgrounds; the social equation; National, State, County and Municipal hospitals; Nursing background. *Annual Rep. Minneapolis Gen. Hosp.*, 1933, 1: 1; 124.—**Roberts, C. W.** The efficient hospital and the cost of hospital service. *Hospitals* 1937, 11: No. 6, 11-5.—**Roem, C. R.** Some hospital problems as revealed by the work of the Committee on the Costs of Medical Care. *Nosokomeion, Stuttg.*, 1932, 3: 272-8.—**Schneider.** Soziale und wirtschaftliche Probleme des Krankenanstaltenwesens. *Zschr. ges. Krankenhauswes.*, 1926, 22: 353; 385.—**Spinelli, S.** Teorie ed esperienze su alcune questioni ospedaliere; gli ospedali e la cura dei non poveri. *Osp. maggiore, Milano*, 1935, 23: 577-95.—**Voell, R. A.** The rôle of the catholic hospital in the cost of medical care. *Hosp. Progr.*, 1934, 15: 17-9.

Hospital service, gratis.

RAMADIER, J., FLURIN, H., & GLAUSSEN, I. L'hôpital de la Charité; son passé évoqué par quelques images. 85p. 8° Par., 1935.

Altruism (The) of private hospitals. *Bull. Am. Hosp. Ass.*, 1935, 9: 7.—**Bluestone, E. M.** Have free clinics strayed from the path of righteousness? *Mod. Hosp.*, 1934, 43: 45.—**Borsaroli, R. M.** Regio ospizio di mendicanti. *Torino (Riv.)*, 1937, 17: No. 5, 20-35.—**Buck, J. V.** A new definition of free and part-pay hospital service. *West. Hosp. Rev.*, 1935-36, 23: No. 8, 8.—**Charity universal.** *Lancet, Lond.*, 1941, 1: 81.—**Cornide, R. R.** El fondo de beneficencia y nuestro certificado. *Arch. Hosp., Habana*, 1939, 8: 472-4.—**Everett, H. B.** The free clinic problem. *J. Tennessee M. Ass.*, 1933, 26: 93.—**Farágó, L.** [Against free dispensaries] *Gyógyászat*, 1932, 72: 598-600.—**González Ramírez, L.** Facilities of the Fajardo Charity District Hospital. *Puerto Rico Health Bull.*, 1940, 4: 364-9.—**Hellinga, G.** [Medical care for the poor in the hospitals of Amsterdam] *Bijl. gesch. geneesk.*, 1933, 13: 37-52.—**Hospitals; criteria of charitable status of a hospital (Arizona)** *J. Am. M. Ass.*, 1938, 111: 2422.—**Hueston, R. M.** A workable program for care of indigent patients. *Hosp. Management*, 1937, 43: No. 5, 22; 62.—**Increased (The) demand for free and part-pay hospital care.** *West. Hosp. Rev.*, 1936-37, 24: No. 5, 6-8.—**Lewis, M.** Care of the chronic indigent at Welfare Island. *Hosp. Management*, 1937, 43: No. 5, 24; 62.—**Lyon, W. C.** Hospitalization for the indigent. *Hospitals*, 1940, 14: No. 9, 37-9.—**Oden, O.** [Impressions from foreign hospitals with special reference to free medical aid] *Sven. läk. tidn.*, 1936, 33: 1241-63.—**Ott.** Fürsorge- oder Selbstzahlerfall bei der Krankenhausbehandlung? *Zschr. ges. Krankenhauswes.*, 1938, 539-44.—**Polinière.** Mémoire sur les hôpitaux et les secours distribués à domicile aux indigents malades; Lyon. *Observ. provenc. sc. méd.*, 1822, 3: 128-33.—**Remy, C. E.** Care of the indigent sick in private general hospitals. *Bull. Am. Hosp. Ass.*, 1933, 7: 100-7.—**Ricard.** Poor patients in hospital wards. *J. Maine M. Ass.*, 1939, 30: 127-9.—**Sandweiss, D. J.** Medical service in clinics during the depression. *Med. Rec.*, N. Y., 1935, 141: 49-53.—**Scammon, R. E.** The charity hospital and its relations to the practicing physician. *J. Lancet*, 1934, 54: 144.—**Volume (The) of free care in New York City hospitals.** *Bull. Am. Hosp. Ass.*, 1935, 9: 85.

Hospital service: Organization.

AMERICAN MEDICAL ASSOCIATION. COUNCIL ON MEDICAL EDUCATION AND HOSPITALS. Growth and distribution of hospital facilities in the United States. 54p. 29cm. Chic., 1938.

EVANS, A. D., & HOWARD, L. G. R. The romance of the British Voluntary Hospital movement. 360p. 8° Lond. [192-]

Agnew, G. H. The contribution of local hospital councils and near-councils to hospital efficiency and community planning. *Tr. Am. Hosp. Ass.*, 1933, 35: 416-20.—Albert, B. Das Krankenhaus im Rahmen des industriellen Grossbetriebes. *Nosokomeion*, Stuttg., 1931, 2: 869-81.—Bachmeyer, A. C. In defense of government hospitals. *Mod. Hosp.*, 1936, 46: No. 2, 61-3.—Bishop, P. M. F. The emergency bed service. *Guy's Hosp. Gaz.*, Lond., 1940, 54: 73.—Black, B. W. Organizing the hospital service of a community. *Bull. Am. Hosp. Ass.*, 1935, 9: 13-20.—Bow, M. R. The provision of medical clinics for the people by the Provincial Department of Health. *Canad. Pub. Health J.*, 1936, 27: 546-50.—Brown, P. K. The general hospital of the Southern Pacific Railroad Company; its medical service. *Pacific Coast M.*, 1937, 4: 15-9.—Brownlie J. L. The hospital as a link of a systematic public health chain. *Nosokomeion*, Stuttg., 1935, 6: 25-8.—Butler, A. Organization of clinics to coordinate service. *Hospitals*, 1940, 14: No. 12, 53-6.—Butler, C., & Franklin, L. M. Chronic disease patients; housing them, large scale. *Mod. Hosp.*, 1940, 54: 67-73, pl.—Caldwell, B. W. Federal policies with reference to hospitals. *Hosp. Progr.*, 1941, 22: 12-5.—Calisti, E. Sull'organizzazione dei servizi ospitalieri in Provincia di Perugia. *Osp. maggiore*, Milano, 1940, 28: 190; 227, map.—Coleman, L. M. The development of a chronic hospital and its place in the community. *Hospitals*, 1936, 10: No. 9, 31-5.—Coleman, M. H., jr. Growth of hospitalization in Richmond, Virginia, and United States, 1920-40. *Virginia M. Month.*, 1941, 68: 50-2.—Coon, R. Volunteers in hospitals. *Hospitals*, 1936, 10: No. 2, 70-2.—Co-ordination of hospitals. *Med. Off.*, Lond., 1940, 63: 101.—Cramarossa, S. La distribuzione organica, nazionale e regionale dei servizi ospedalieri. *Nosokomeion*, Stuttg., 1938, 9: 19-24.—Decref y Ruiz, J. El primer hospital de accidentes del trabajo en España. *Siglo méd.*, 1935, 96: 134.—Departamento de Assistência Hospitalar [Brasil] *Arq. med. leg. ident.*, Rio, 1940, No. 18, 171-82.—Distribution of hospital service. *J. Am. M. Ass.*, 1938, 110: 2013.—Eason, H. L. National and regional planning of hospital services. *Nosokomeion*, Stuttg., 1937, 8: 175-88.—Eib, L. W. Organization and administration of the hospital department. *Southern Pacific Company, Pacific Lines*. *Pacific Coast M.*, 1937, 4: No. 3, 5-10.—Federal policies with reference to hospitals. *Hospitals*, 1940, 14: No. 8, 25-8.—Forsner, H. [Some remarks on the Swedish pensions with special reference to their hospital activities] *Sven. läk. tidn.*, 1923, 19: 1089-104.—Frank, G. The substage of self-reliance; a threat to voluntary social institutions. *Mod. Hosp.*, 1936, 46: 40.—Frankel, E. Responsibility of hospital in planning for medical care. *Hospitals*, 1938, 12: No. 7, 73-5.—Giddings, E. Organization and management of an industrial hospital. In *Opera Internat. Congr. Indust. Accid.* (1928) 1929, 5. Congr., 583-96.—Goodale, W. S. The place of the public hospital in the community hospital program. *Tr. Am. Hosp. Ass.*, 1933, 35: 777-82.—[Guide to sick benefits in privately organized hospitals] *Vest. čes. lék.*, 1927, 39: 23.—Hamer, W. Voluntary hospitals and public authorities. *Lancet*, Lond., 1928, 1: 334-6.—Hospital groups. *Ibid.*, 1940, 2: 17.—Hospital service plan news. *Hospitals*, 1941, 15: 81-4.—Hospital service in the United States, 1937: 17th annual presentation of hospital data. *J. Am. M. Ass.*, 1938, 110: 959-1048.—Hospital service in the United States; 20th annual presentation of hospital data. *Ibid.*, 1941, 116: 1055-144.—Jensen, A. C. Chronic disease patients; housing them, small scale. *Mod. Hosp.*, 1940, 54: 74-6, plan.—Jirásek, A. [Hospitals under public health and their activity in prevention of diseases] *Vest. čes. lék.*, 1936, 48: 35-7.—Ketcham, D. Governmental approach to hospitals. *Hospitals*, 1940, 14: No. 4, 53-61.—Klose, F. Schulhaus und Hilfskrankenhaus; eine notwendige Planung im Rahmen des Vierjahresplanes. *Zschr. ges. Krankenhauswes.*, 1939, 321-3.—Landsberg, H. Die soziale Krankenhausfürsorge in Paris. *Ibid.*, 1926, 22: 685-7.—Low, E. B. The utilisation of infirmary accommodation for public hospital needs. *J. State M.*, Lond., 1934, 42: 231-9.—McKee, E. M. Voluntary service in the hospital. *Hospitals*, 1940, 14: No. 4, 30.—McCarthy, R. F. Organizational patterns for voluntary hospital service plans. *Hosp. Progr.*, 1939, 20: 353-7.—MacLean, B. C. Proposals for establishment of hospital service plan commission. *Hospitals*, 1941, 15: No. 4, 22-5.—Mann, A. Industrial hospital expanded by addition of 50-bed wing. *Hosp. Management*, 1939, 48: No. 3, 24-6, plans.—Martin, L. P. How the unit system was organized at the University of Oregon hospitals. *Ibid.*, 1940, 49: 22.—Mountin, J. W., Pennell, E. H., & Pearson, K. The distribution of hospitals and their financial support in Southern States. *South. M. J.*, 1940, 33: 402-11.—Munger, C. W. The voluntary hospital and public welfare administration. *Hospitals*, 1937, 11: No. 7, 27.—North Carolina (The) Industrial Commission and the hospitals. *South. M. & S.*, 1940, 102: 313.—Nye, R. B. The Curtis clinic: its purpose and its possible influence for the advancement of community health. *Tr. Coll. Physicians Philadelphia*, 1932, 54: 53-7.—Out-patient facilities at the London voluntary hospitals. *Brit. M. J.*, 1939, 2: 1105.—Parnall, C. G. Organization and management of volunteer service in hospitals. *Hospitals*, 1938, 12: No. 12, 47. Also *Bull. Am. Coll. Surgeons*, 1939, 24: 182.—Rodríguez Acosta, A. Asistencia de enfermos en hospitales públicos y privados de oriente; proyecto de informe de la Dirección de beneficencia. *Arch. Hosp.*, Habana, 1940,

11: 79-85.—Roeder. Linderung der Bettennot durch Organisation und Eingliederung des Anstaltswesens in die Gesamtgesundheitsfürsorge. *Klin. Wschr.*, 1929, 8: 2387-93.—Ronzani, E. Proposte di sistemizzazione dell'assistenza ospedaliera in Milano. *Osp. maggiore*, Milano, 1926, 3. ser., 14: 119-23.—L'Ospedale nel quadro dell'organizzazione sanitaria. *Riforma med.*, 1935, 51: 951-4.—Scherer. Krankenhaus, Krankenkasse und Fürsorgeverband. *Zschr. ges. Krankenhauswes.*, 1937, 25: 50.—Schwitalla, A. M. The place of Government hospitals in the general hospital field. *Hospitals*, 1939, 13: No. 12, 22-7.—Sellers, A. H. Highlights on hospitalization in Ontario. *Canad. Pub. Health J.*, 1940, 31: 595-606.—Setz, M. Krankenhausfürsorge in Oesterreich. *Zschr. ges. Krankenhauswes.*, 1937, 80-2.—Sundrier, C. Industrial hospital fills big need in India. *Mod. Hosp.*, 1934, 42: 57-60.—Voluntary hospitals emergency bed service. *Lancet*, Lond., 1938, 1: 1411-3.—Voluntary hospitals and social policy; a Liverpool testament. *Brit. M. J.*, 1939, 2: 31.—Whose hospitalization program? *Illinois M. J.*, 1940, 78: 97.—Wickenden, H. The organization of hospitals for community action. *Bull. Am. Hosp. Ass.*, 1934, 8: 61-70.—Wynne, S. W. Two years progress at the Health Department hospitals. *Month. Bull. Dep. Health City N. York*, 1926, 17: 1-7.—Zeitler. Die Neuorganisation des öffentlichen Krankenhauswesens. *Zschr. ges. Krankenhauswes.*, 1934, 385.

Hospital service: Physicians' attitude.

Action of House of delegates of Michigan State Society. *J. Am. M. Ass.*, 1939, 112: 246.—As the medical profession sees Group Hospital Service, inc. *Week. Bull. S. Louis M. Soc.*, 1939-40, 34: 2.—Committee of physicians approves hospital plan. *Science News Lett.*, 1940, 37: 382.—County medical societies and group hospitalization. *J. Am. M. Ass.*, 1937, 109: 65.—Doane, J. C. Medical ward practices. *Mod. Hosp.*, 1937, 49: No. 3, 65-7.—Goldwater, S. S. Medical practice and hospitalization. *Hospitals*, 1938, 12: No. 7, 11-6.—Group hospitalization; factual report of the Committee on Medical Economics of the Medical Society of the State of Pennsylvania. *Pennsylvania M. J.*, 1934, 37: 852.—Haythorn, S. R. Group hospitalization as the doctor sees it. *Hospitals*, 1936, 10: No. 6, 20-4. Also repr.—Hockett, A. J. Pitfalls in group plans. *Mod. Hosp.*, 1936, 47: No. 4, 51-3.—Klotz, W. C. The profession and the Cornell Pay Clinic. *N. York State J. M.*, 1929, 29: 580-2.—Leland, R. G. Seventeen defects or objections to group hospitalization. *Hosp. Management*, 1933, 35: 25.—McNary, W. S. The doctor's stake in group hospitalization. *Rocky Mountain M. J.*, 1940, 37: 265-9.—Medical societies withdraw opposition to group hospitalization. *Canad. M. Ass. J.*, 1938, 39: 397.—Rayle, A. A. Encroachments upon physicians' rights. *J. M. Ass. Georgia*, 1939, 28: 18-20.—Signorelli, A. J. Hospital problems affecting the medical profession. *Week. Bull. S. Louis M. Soc.*, 1940-41, 35: 134-7.—Vohs, C. F. Group hospitalization from the medical man's point of view. *Hospitals*, 1937, 11: No. 11, 52-5.—Wheeler, C. M. Answers to those 17 objections to group hospitalization. *Hosp. Management*, 1933, 35: 40.—Wilkinson, R. J. Our hospital problem and how it affects organized medicine. *West Virginia M. J.*, 1937, 33: 398-401.

Laws, and regulations.

See also **Group, Social security; Workmen's compensation, &c.**

ALEXANDER, S. Die Wirkung der sozialen Gesetzgebung auf die rechtliche Stellung des Arztes. 20p. 8° Lpz., 1910.

BRUGGEN, A. C. VAN. Het ontwerp ziekteverzekeringwet, besproken door een geneeskundige. 65p. 8° Amst., 1905.

BUNDESGESETZ betreffend die Kranken- und Unfallversicherung (Entwurf) 42p. 8° [Basel, 1907]

HARRIS, R. W., & SACK, L. S. Medical insurance practice; a work of reference to the medical benefit provisions of the National Health Insurance acts. 327p. 12° Lond., 1922. ALSO 2. ed. 347p. 8° 1924.

HOFMAN, J. J. De wettelijke regeling der ziekteverzekering. 28p. 8° Amst., 1906.

IMHOF, S., & MEYSTRE, F., eds. Generalregister über die Gesetze, Verordnungen, Erlasse und Bescheide für die deutsche Krankenversicherung für die Jahre 1933-37. 309p. 20cm. Berl. [1938]

JUNGNE, P. *Contribution à l'étude de la loi des assurances sociales; l'assurance maladie, l'assurance maternité, leur fonctionnement, les premiers résultats. 76p. 8° Par., 1931.

KAMFFMEYER, P. Die Mission der deutschen Krankenkassen auf dem Gebiete der öffentlichen

Gesundheitspflege; programatische Gedanken zur Reform der Krankenversicherungsgesetze. 52p. 8°. Frankf. a. M., 1903.

LEHMANN, H. Handbuch des Krankenversicherungsrechts. 3 vols. 8°. Berl., 1932.

MEMMINGEN. Was muss der Arzt vom Krankenversicherungsgesetz wissen? 162p. 12°. Münch., 1904.

MÜNCHEN. AERZTLICHES BEZIRKVEREIN. Wie schützt sich die deutsche Ärzteschaft vor den Folgen der Novelle zum Krankenversicherungsgesetz? 32p. 8°. Münch., 1903.

TABARY, M. *Le médecin et la loi sur les assurances sociales. 48p. 8°. Par., 1932.

VIDGORCHIK, K. A. [The projected law concerning insurance against diseases] 36p. 8°. S.-Peterb., 1909.

WALTER, P. *Die Neuordnung der Invaliden- und Angestellten-Versicherung durch das Gesetz vom 7. Dez. 1933 in der Fassung der Verordnung vom 17. Mai 1934; unter Ausschluss der knappschaftlichen Pensionsversicherung [Würzburg] 57p. 22cm. Forchheim Ofr., 1934.

[Act of May 30th, 1940 concerning changes, and also codified to the Act No. 182, of May 20th, 1933 on public insurance] Ugeskr. læger, 1940, 102: 851-6.—Axt, H. Der Neuaufbau der Sozialversicherung durch das Gesetz vom 5. Juli 1934. Aerztl. Sachverst. Ztg., 1934, 40: 273.—Ballantyne, J. W. The National Insurance Act (1911) for the United Kingdom. Internat. Clin., 1912, 22, ser., 2: 293-311.—Berg, F. [Sick-fund bill, or not?] Sven. läk. tidn., 1932, 29: 116-21.—Biondi, C. L'opera dei medici nell'applicazione delle leggi di previdenza; riflessioni e suggerimenti di un pratico. Rass. previd. sociale, 1933, 20: No. 8, 43-55.—Bogusat. Gesundheitsfürsorge in der Gesetzgebung. Zschr. Schulgesundh., 1927, 40: 599-610.—Bow, M. R. The Alberta health insurance act, 1935. Nat. Health Rev., Ottawa, 1936-37, 4: 8-10.—Brend, W. A. An examination of the medical provisions of the National Insurance Act. Lancet, Lond., 1912, 1: 447; 1524.—Burgess, W. L. Developments under the local government (Scotland) act, 1929. Med. Off., Lond., 1932, 48: 171.—Cahen, P. La loi des assurances sociales dans le présent et dans l'avenir. J. méd. Paris, 1935, 55: 619-22.—Cassa di previdenza per le pensioni dei sanitari; disegno di legge. Italia san., 1909, 5: 15; 29.—Chase, L. A. The rural municipality act in Saskatchewan. Canad. M. Ass. J., 1935, 33: 317.—Christian, M. Sozialhygienisch Gesetzgebung 1925 im Deutschen Reich und in den deutschen Ländern. Arch. sozial. Hyg., 1925-26, n. F., 1: 563-6.—Chrom, I. P. [Parliamentarism and hygiene] Ugeskr. læger, 1927, 89: 1217.—Clay, J. W. Health insurance act for Alberta. J. Canad. Dent. Ass., 1935, 1: 224.—Crouzon, O. Lois sociales; assistance-réparation-assurances et exercice de la médecine; tableaux synoptiques. Presse méd., 1938, 46: No. 50, Suppl., 1-11.—Cumming, H. S. Initiatives en matière d'hygiène publique résultant de la loi sur la sécurité sociale de 1936. Bull. Off. internat. hyg. pub., Par., 1937, 29: 2359-66.—Dain, H. G. The work of the insurance acts committee. Brit. M. J., 1934, 2: Suppl., 213-6.—Deknatel, J. W. Wettelijke regeling der ziekteverzekering. Ned. tschr. geneesk., 1904, 2, R., 40: 381-90.—Deutsches Beamtengesetz und Durchführungsverordnung. Reichsgesundhbl., 1937, 12: 577.—Deutsches Reich. Rundschreiben des Reichsversicherungsamtes an die Träger der Invalidenversicherung betr. freiwillige Leistungen in der Gesundheitsfürsorge, vom 18. April 1939. Ibid., 1939, 14: 467.—Dupuy, A. La formation des hygiénistes et le contrôle médico-social des lois d'assistance. Ann. hyg. Par., 1938, n. ser., 16: 175-80.—Eschbach, H. Les médecins dans le projet de loi sur les assurances sociales. Arch. méd. chir. province, 1926, 16: 388-400.—Evans, J. J. The Public Health Acts and their implications in rural areas. J. R. San. Inst., 1937-38, 58: 34-42.—Finkenrath, K. Die neuen Bestimmungen des Reichsausschusses für Ärzte und Krankenkassen. Deut. med. Wschr., 1929, 55: 236.—Die neue Notverordnung. Klin. Wschr., 1931, 10: 223.—Fodale, E. La famiglia nella legislazione fascista del lavoro. Assist. sociale, Roma, 1939, 13: No. 8, 215-21.—Fremantle, F. E. National Insurance Bill. Guy's Hosp. Gaz., Lond., 1911, 25: 211-6.—Garnal, P. Nécessité de reviser et d'unifier les règlements départementaux de l'Assistance médicale gratuite. Bull. sc. pharm., Par., 1938, 45: Suppl., 185-91.—Gesetz vom 6. Februar 1919, betreffend Massnahmen auf dem Gebiete der Krankenversicherung der Arbeiter; Vereinheitlichung des Krankenkassenwesens. Wien. med. Wschr., 1919, 69: 463.—Götze, S. Übersicht über die Gesetzgebung in der Krankenversicherung seit März 1933. Vertrauensarzt, 1933, 1: 79-82.—Häberlin, H. In wie weit entspricht das bereinigte Kranken- und Unfall-Versicherungsgesetz den Postulaten des schweizerischen Arztstandes? Korbl. Schweiz. Aerzte, 1911, 41: 851-5.—Haedekamp, K. Die Reform der deutschen Sozialversicherung; die Verordnungen zur Neuordnung der Krankenversicherung. Münch.

med. Wschr., 1936, 83: 2089-94.—Hahn, D. Das neue Arbeiter-versicherungsgesetz in Ungarn und die Aerzte. Pest. med. chir. Presse, 1907, 43: 163-7.—Harrison, B. J. Comments on the proposed health insurance act for British Columbia. Canad. M. Ass. J., 1935, 33: 433-6.—Herzfeld. Das Heilverfahren in der sozialen Gesetzgebung. Zschr. Bahnärzte, 1908, 3: 243-9.—Ichok, G. La législation française de l'hygiène, de la médecine et de l'assistance sociale en 1935-39. Ann. hyg., Par., 1936, n. ser., 14: 605; 1938, 16: 285; 333; 1939, 17: 203.—Insurance acts committee of the British Medical Association. Brit. M. J., 1937, 2: Suppl., 210-2.—Janieson, J. P. S. The medical profession and the Social Security Act. N. Zealand M. J., 1939, 38: 403-5.—Jaramillo, S. A. Explicación del Señor Ministro de trabajo, higiene y previsión social, sobre el decreto 2392 de 1938, que organiza el ministerio. Rev. hig., Bogotá, 1939, 20: 3-22.—L., R. Die Novelle zur Abänderung des Krankenversicherungs-Gesetzes. Med. Reform, Berl., 1903, 11: 81-9.—Langdon-Down, R. L. The profession, the public and the Insurance Act. Brit. M. J., 1913, 2: 111-5.—Laws governing social medicine in France. J. Am. M. Ass., 1938, 110: 590.—Ley de asistencia y protección social; exposición de motivos. Rev. méd., San José, 1939-40, 4: 190-207.—Ley que crea el Consejo nacional de salubridad, beneficencia pública y protección social. Ibid., 1937, 4: 523-30.—Ley de seguro social obligatorio. Crón. méd., Lima, 1936, 53: 305-17.—Loi du 26 août 1936 modifiant le décret-loi du 28 octobre 1935 sur les assurances sociales. Bull. Min. san. pub., Par., 1936, 322.—Loi fixant les attributions des Directeurs régionaux à la famille et à la santé. Presse méd., 1940, 48: 947.—Loophole (A) in the social insurance law (Paris) J. Am. M. Ass., 1936, 107: 512.—Luard, H. B. The National Insurance Bill. Lancet, Lond., 1911, 2: 1229.—McGugan, A. C. The Alberta Health Insurance Act. Canad. Pub. Health J., 1935, 26: 373-6.—Manknell, A., Glyn-Jones, W. S. [et al.] Discussion on: has the National Health Insurance Act justified its existence? Brit. M. J., 1924, 2: 167-81.—Martinot, A. Contribution nationale extraordinaire. Concours méd., 1940, 62: 1201.—Massonnet. Projet de règlement du service médical de colonisation. Bull. méd. Algérie, 1906, 17: 21-8.—Maurro, G. La riforma della legge per l'assicurazione obbligatoria degli infortuni sul lavoro e delle malattie professionali. Gazz. osp., 1938, 59: 5-7.—Merklen, P., & Wolf, M. Les conséquences médicales du fonctionnement de la loi allemande des assurances sociales exposées par le professeur Eppinger. Strasbourg méd., 1929, 89: 592-5.—Modify stand on Social Security Act [Australia] J. Am. M. Ass., 1939, 113: 697.—Mordagne, M. La proposition de loi Pomaret et l'opinion. Presse méd., 1936, 44: 1349.—Mueller, F. Social legislation in Germany and its relation to the practice of medicine. Boston M. & S. J., 1908, 158: 785-91.—Nason, E. N. Modern social changes and legislation as they affect the medical profession. Brit. M. J., 1912, 2: 57-60.—National Health Insurance and Contributory Pensions Bill. Ibid., 1935, 1: Suppl., 251.—National (The) Insurance Act, 1911. Ibid., 1912, 1: Suppl., 1-64. Also Lancet, Lond., 1911, 1: 1362.—National (The) Insurance Bill; German figures compared with the Chancellor's estimates. Ibid., 1445.—National Insurance; comparison of new regulations with provisional regulations. Brit. M. J., 1912, 2: Suppl., 653-63.—National insurance; memorandum on the bill by the Chancellor of the Exchequer; health insurance scheme. Ibid., 1911, 1: 1119-24.—Nupieri, A. O exercício da profissão médica em face da nova constituição; legislação do trabalho, caixa de aposentadorias e pensões. Rev. Ass. paul. med., 1934, 5: 79-82.—Oliver, T. The national sickness and accident insurance law of Hungary. Brit. M. J., 1911, 2: 394-6.—Ox. Un decreto del Presidente de Francia. Labor méd., Méx., 1938, 6: 131.—Pacheco e Silva. O problema de assistência social na Assembleia Constituinte. Arq. med. leg. ident., Rio, 1934, 4: 218-25.—Pascheff, C. La declaración obligatoria y la ley de asistencia pública en Bulgaria. Bol. san., B. Air., 1938, 2: 227.—Pibre. La loi bâclée des assurances sociales. Rev. gén. clin. théor., 1935, 49: Suppl., 486-98.—Pometta. Quelques observations sur la loi des assurances et sur son application. Korbl. Schweiz. Aerzte, 1914, 44: 1263-70.—[Project of laws, governing mutual insurance organization, in event of sickness] Vest. česk. lék., 1927, 39: 1-8.—Ramsay, M. L. The National Health Insurance Act. Mag. London School M. Women, 1931, 26: 2-10.—Recent changes in social insurance laws [France] J. Am. M. Ass., 1936, 107: 1398.—Reichsvertrag über den Regelbetrag. Reichsgesundhbl., 1938, 13: 511.—Rentoul, R. R. The insurance against sickness bill. Med. Press & Circ., Lond., 1911, n. ser., 91: 596.—Rowan, A. A. A comprehensive State Sickness Insurance Act. Canad. M. Ass. J., 1930, 22: 831-4.—Rowlette, R. J. The National Insurance Act and State Medicine. Dublin J. M. Sc., 1912, 133: 340-54.—Scherer. Forderungen und Vorschläge der Aerzte zur Abänderung der deutschen Arbeiter-versicherungsgesetze. Vereinsbl. pfälz. Aerzte, 1905, 21: 276-89.—Schwéers, O. Die Gesundheitsfürsorge in der Gesetzgebung. Arch. social Hyg., 1926-27, n. F., 2: 103-22.—Sir Clifford Allbutt's opinion regarding the Chancellor of the Exchequer's new proposals (The National Insurance Act) Med. Times, Lond., 1912, 40: 873.—Steinwallner. Ein neues Sozialversicherungsgesetz in Peru. Vertrauensarzt, 1937, 5: 250.—Story, J. B. The National Insurance Bill. Dublin J. M. Sc., 1911, 132: 1-14.—Struckmann [The enactment of medical practice in reference to the law of April 21, 1914 on public medical aid] Ugeskr. læger, 1914, 76: 1953-60.—Tropeano, B. La legislazione Fascista nel campo della bene-

ficienza ed assistenza sociale. Med. sociale, Nap., 1936, 26; No. 9-10, 1-8.—**Vereinheitlichung** des Gesundheitswesens. Reichsgesundhbl., 1935, 10: 173-5.—**Verney, L.** La legge sulla bonifica integrale nel quarto anno di applicazione. Riv. malarial., 1934, 13: 97-105.—**Wittrop, F.** De engelske leger og de National Insurance Act af 1911. Ugeskr. læger, 1912, 74: 1284-95.—**Wilson, T. R.** Australian National Health and Pension Insurance Act, 1938. Month. Labor Rev., 1938, 47: 1012-4.—**Zwölft**e Verordnung zur Neuordnung der Krankenversicherung. Reichsgesundhbl., 1937, 12: 662-4.

— Laws and regulations: United States.

BURKE, E. R. The National Health Act. 14p. 12° Wash., 1940.

Also Illinois M. J., 1940, 77: 127-33.

SYDENSTRICKER, E. Health under the Social Security Act. p.12-22. 8° [N. Y., 1936]

— Public health provisions of the Social Security Act. p.263-70. roy. 8° [N. Y., 1936]

UNITED STATES PUBLIC HEALTH SERVICE. The public health program under Title VI of the Social Security Act. 23p. 8° Wash., 1937.

Abstract of hearings on the Wagner Health Bill. J. Am. M. Ass., 1939, 112: 2425; 2521; 2607.—**Administration** (The) studies social insurance. Ibid., 1934, 103: 609.—**Baker, J. N.** [Synopsis of portions of the Social Security Act] J. M. Ass. Alabama, 1935-36, 5: 32-4. — Resolutions and comments from interested national groups on the pending National Health Act of 1939. Ibid., 1938-39, 8: 439-43. — An analysis of the Wagner National Health Bill of 1939. J. Am. M. Ass., 1939, 112: 1596-9.—**Bg, K.** Soziale Gesetzgebung und Arztvertretung in den Vereinigten Staaten. Med. Klin., Berl., 1938, 34: 1131.—**Brown, E. G.** The Social Security Act: relation to public health and child and maternal health. J. Kansas M. Soc., 1936, 37: 242-8.—**Burns, W. J.** The Michigan enabling act for non-profit medical care plans. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 559-64.—**California's** Health Service Insurance Bill now before Legislature. West. Hosp. Rev., 1935-36, 23: No. 2, 7-10.—**Cavers, D. F.** Public medical services under Title XIII of the National Health Bill. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 619-27.—**Chipman, N. G.** The Social Security Act and the doctor. Illinois M. J., 1936, 69: 527-30.—**Compelling** testimony. N. York State J. M., 1939, 39: 1335.—**Compulsory** health bills. California West. M., 1939, 50: 369.—**Compulsory** Health Insurance Act proposed by the Governor of California. Ibid., 1941, 54: 53-5.—**Creation** of a department of welfare in which health activities of the Government are to be placed [Senate Bill 3331] J. Am. M. Ass., 1938, 110: 187B.—**Cumming, H. S.** Les améliorations de l'hygiène publique aux Etats-Unis apportées par la loi de sécurité sociale. Bull. Off. internat. hyg. pub., Par., 1936, 28: 896-9. — Les dispositions de la Loi de sécurité sociale (Social Security Act) concernant le développement des services d'hygiène publique aux Etats-Unis. Ibid., 1972-83.—**Dixon, S. G.** Law, the foundation of state medicine. J. Am. M. Ass., 1907, 48: 1926-32.—**Dodd, P. A.** Why California is legislating for health insurance. Mod. Hosp., 1935, 44: No. 6, 37-40.—**Doten** (The) bill. Boston M. & S. J., 1916, 175: 840-6.—**Enabling** act for medical service plans, sponsored by Ohio State Medical Association, before legislature; personnel of health and other important committees announced. Ohio M. J., 1941, 37: 157.—**Father** Schittalla urges opposition to National Health Act. Hosp. Management, 1939, 48: 18.—**Federal** Emergency Relief Administration; rules and regulations No. 7 governing medical care provided in the home to recipients of unemployment relief. Illinois Dent. J., 1934, 3: 1-5.—**Foard, F. T.** The relation of the Social Security Act to the health department. California Dep. Pub. Health W. Bull., 1936, 15: 161; 167.—**Health** insurance; medical or surgical attention defined [Georgia] J. Am. M. Ass., 1939, 113: 1596.—**Health** insurance law. Northwest M., 1941, 40: 75.—**Hearings** on Senate Bill 1620, the so-called Wagner National Health Bill. J. Am. M. Ass., 1939, 112: 1972; 2289.—**Hearing** on the Social Security Act. J. M. Soc. N. Jersey, 1935, 32: 639.—**Heer, C.** A study of the formulae for grants-in-aid in the Wagner bill. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 666-78.—**Hendricks, T. A.** State and federal medicine; how not to make laws and influence legislators. J. Med., Cinin., 1939-40, 20: 158.—**Herter, C. A.** Legislative procedure. N. England J. M., 1939, 220: 784-6.—**House** bill 51 (Mahoney) Ohio M. J., 1941, 37: 159-64.—**House** Bill No. 51 clears first big hurdle; is approved by insurance committee; can now be called up for vote in house; lots of action back home essential. Ibid., 360.—**Howley, R. T.** California proposes health-insurance law. Hosp. Progr., 1935, 16: 362-6.—**Joachim, M. A.** Charitable hospitals and the law in the U. S. A. Cath. M. Guard., Lond., 1939-40, 17: 265-74.—**Journal** summarizes Wagner Bill on national health program. J. Florida M. Ass., 1938-39, 25: 455.—**Lewis, T. K.** The Social Security Act, the doctor and the hospital. Hospitals, 1937, 11: 24-6.—**McCormack, A. T.** The federal social security program and the Congress. Kentucky M. J., 1935, 33: 159-63.—**Testimony** of Dr A. T. McCormack before the Senate committee on education and labor concerning the Wagner Health Bill. Ibid., 1939, 37: 324-34.—**McDavitt, T. V.** The

Social Security Act and its relation to the medical profession. Bull. Am. M. Ass., 1936, 2: 42-9. Also Illinois M. J., 1936, 69: 499-502. — Some attempted legislative solutions to the problems of medical care. Minnesota M., 1938, 31: 240-5. — State medicine; compulsory and voluntary medical, dental and hospital service plans; legislation of interest to physicians considered by state legislatures in 1939. J. Am. M. Ass., 1940, 114: 875-7.—**McNutt** consolidates National Health Program. Med. Econom., 1939 40, 17: No. 2, 47-54.—**Mahoney, M. A.** Amended House Bill 51. Ohio M. J., 1941, 37: 361-7.—**Maslow, H.** The background of the Wagner National Health Bill. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 605-18.—**Medical** bills in Congress. J. Am. M. Ass., 1939, 112: 1974; 2179; 1940, 114: 418.—**Medical** legislation on the November ballot; compulsory health law. California West. M., 1940, 53: 5.—**Message** of President Roosevelt on construction of hospitals in needy areas and text of bill introduced by Senator Wagner. J. Am. M. Ass., 1940, 114: 494. Also J. Missouri M. Ass., 1940, 37: 123-5.—**Michigan** Legislature approves voluntary group medical care enabling act. J. Michigan M. Soc., 1939, 38: 521-4.—**Montavon, W. F.** The Wagner Bill on national health program; S. 1620; Statement presented to the subcommittee of the Senate committee on education and labor, June 1, 1939. Hospitals, 1939, 13: No. 7, 13-5.—**Murray, J. E.** The National Health Bill. J. Indiana M. Ass., 1940, 33: 117-22.—**Nelson, C. S.** Legislative activities of state association reviewed; action on and status of medical-health proposals and other measures of interest summarized. Ohio M. J., 1939, 35: 760-7.—**Objections** to the Epstein bill; our members are requested to file these facts for future reference; when the time comes for united action by our society you will be duly advised. Week. Roster, Phila., 1935, 30: 975.—**Osborn, S. H.** Activities of the State Department of Health in carrying out provisions of the Social Security Act. J. Connecticut M. Soc., 1936-37, 1: 17; 69.—**Osgood, R. B.** The National Health Act of 1939. N. England J. M., 1940, 222: 785-9.—**Pautas** de organización sanitaria recomendadas por la conferencia de directores estatales y territoriales de sanidad con el servicio de sanidad pública (jun. 17, 18 y 19, 1935), conforme a las disposiciones del título VI de la ley del seguro social. Bol. Of. san. panamer., 1936, 15: 648-52.—**Pending** National and State medical legislation. J. Iowa M. Soc., 1941, 31: 116.—**Physicians** and the Social Security Act. J. Am. M. Ass., 1938, 110: 227B. Also Illinois M. J., 1938, 74: 285. Also J. M. Ass. Alabama, 1936-37, 6: 237-45.—**Picken, R. M. E.** Public health in the United States of America; social security. Brit. M. J., 1936, 2: 815.—**President** of State association cites dangers of Wagner Health Bill at hearing before U. S. Senate committee. Ohio M. J., 1939, 35: 773.—**Proposed** (The) Sickness insurance bill. Quincy M. Bull., 1935, 12: 374.—**Progress** made on House Bill 51; first hearing held; second scheduled; more activity back home recommended; total of 100 bills with medical-health angle introduced. Ohio M. J., 1941, 37: 266.—**Reed, C. B.** The Social Security Act and the doctors. Illinois M. J., 1935, 68: 403-8.—**Reed, L. S.** Legislative proposals for compulsory health insurance. In Law & Contemp. Probl. (Duke Univ.) 1939, 6: No. 4, 628-44.—**Report** of reference committee on the Wagner Health Bill. J. Tennessee M. Ass., 1939, 32: 195-8.—**Resolutions** disapproving the endorsement of compulsory health insurance bill by the Council of the State Society. Med. Rec., N. Y., 1917, 91: 386.—**Richardson, W. A.** State medicine nears; pending legislation. Med. Econom., 1936-37, 14: 32-5. — State medicine nears; Wagner to offer legislation in 1938. Ibid., 1937-38, 15: 34-7.—**Riggin, I. C.** Effects upon Virginia of the medical provisions in the Federal Social Security Act. Virginia M. Month., 1936-37, 63: 131-4.—**Rini, N.** The Epstein bill for compulsory health insurance who wants it? the attitude of labor. Med. Times, N. Y., 1935, 63: 157.—**Roberts, C. W.** The St. Louis session of the A. M. A. considers Wagner Bill. J. M. Ass. Georgia, 1939, 28: 226-30.—**Rules** and regulations governing medical care provided in the home to recipients of unemployment relief. Week. Roster, Phila., 1933, 29: 411-5.—**Senator** Wagner introduces health program legislation. J. Am. M. Ass., 1939, 112: 846.—**Sharp, W. K.** The social security act as it relates to public health in Texas. Texas J. M., 1936-37, 32: 365-70.—**Sickness** (The) insurance bill of the American Association for Social Security. Bull. Am. M. Ass., 1935, 30: 4-11.—**Sinai, N.** Health-service socio-economics; the Wagner Bill. Ann. Dent., 1939, 6: 97-102.—**Social** insurance law unpopular. J. Am. M. Ass., 1934, 103: 1865.—**Social** (The) Security Act and the medical profession. Ibid., 1935, 105: 600.—**Society** (The) and the Wagner bill (American Society of Clinical Pathologists) Am. J. Clin. Path., 1939, 9: 576.—**Summary** of Wisconsin poor relief laws affecting care of indigent sick; a digest of laws, rulings and practices. Wisconsin M. J., 1939, 38: 1041-59.—**Taxation** of physicians and hospitals under the Social Security Act. J. Am. M. Ass., 1936, 106: 322.—**Título VI** (El) del Social Security Act en el programa de salud pública de los Estados Unidos. Bol. san. B. Air., 1938, 2: 1-3.—**Tuck, R. G.** Inadequate poor laws. J. Michigan M. Soc., 1936, 35: 179.—**Voytes, E. E.** The Social Security Act. J. Am. Dent. Ass., 1936, 23: 917-23.—**Wagner** National Health Bill. J. Am. M. Ass., 1939, 112: 1969. Also N. York State J. M., 1939, 39: 659-64. Also J. Michigan M. Soc., 1939, 38: 680.—**Wagner** Bill (The) for the National Health Program; an analysis by the Bureau of Legal Medicine and Legislation. J. Am. M. Ass., 1939, 112: 999-1003.—**Wagner** (The) Health Bill and some new developments. Ibid., 113: 337.—**Wagner** (The) Bill for the

National Health Program. Fed. Bull., Chic., 1939, 25: 84-92.—**Wagner** (The) Social Insurance Bill. Bull. Am. M. Ass., 1935, 30: 2.—**Wagner** Social Insurance Bill analyzed; large health subsidies to states. Wisconsin M. J., 1935, 34: 126.—**Waller**, C. E. The Social Security Act in its relation to public health. Am. J. Pub. Health, 1935, 25: 1186-94. — A brief review of progress in the public health program under Title VI, Social Security Act. Papers Health Work. Conf. Tennessee, 1937, 9: 16-22. Also Am. J. Pub. Health, 1938, 28: 1298-304. Also Health Off., Wash., 1938, 2: 472-9.—**Welfare** reorganization law; importance of medical phases of welfare recognized in appointment of doctor of medicine to commission. J. Michigan M. Soc., 1939, 38: 617-9.—**Whitehill**, C. E. The Young bill: a second rejoinder. Boston M. & S. J., 1917, 176: 476.—**Who** demand enactment of the Wagner Bill? Northwest M., 1935, 34: 179.—**Why** group medical service plans enabling act, S. B. 104, now pending before Ohio Senate, should be enacted. Ohio M. J., 1939, 35: 412.—**Wisner**, E. Some phases of the Social Security Act. N. Orleans M. & S. J., 1937-38, 90: 662-4.—**Wisconsin** assembly floor discussion and action, May 18, 1939, on Bill 401, A., relating to the formation of cooperative and other associations to provide medical or hospital care, etc. Wisconsin M. J., 1939, 38: 512a-512h.—**Woodward**, W. C. Medical services under the Federal Emergency Relief Act of 1933. Illinois M. J., 1934, 63: 454-6.—**Young** (The) Industrial Health Insurance Bill. Boston M. & S. J., 1917, 176: 179-86.

Legal aspects.

WARSOFF, L. A. Legal aspects of socialized medicine. 21p. 25cm. N. Y., 1939.

A. M. A. (The) and court action. N. York State J. M., 1939, 39: 1526.—**American** (The) Medical Association and the Group Health Association, Inc. Science, 1938, 88: 124.—**Arnold**, T. Statement by Thurman Arnold, assistant attorney general, Department of Justice, relative to investigation of American Medical Association. J. Am. M. Ass., 1938, 111: 537-9.—**Bureau of Legal Medicine and Legislation**, A. M. A. Practice of medicine by corporation illegal. Bull. Am. M. Ass., 1936, 31: 4: 79.—**Burrows**, R. Legal problems relating to medical services under the National Insurance Act. Tr. Med. Leg. Soc., Lond., 1912-13, 10: 22-69.—**Cahal**, M. The Washington scene. Radiology, 1940, 34: 744.—**Case** (The) of Asa Brunson vs Morris Fishbein. J. Am. M. Ass., 1939, 113: 42: 130: 217: 303.—**Chicago** Tribune discusses Arnold's pronouncement. Ibid., 1938, 111: 539.—**Conseil** d'état au contentieux; fonctionnaires des services d'assistance; rappel de traitement; indemnité. Rev. philanthrop., Par., 1938, 54: 410-3.—**Corporate** practice of a profession held illegal in important recent decisions of Ohio Supreme Court. Ohio M. J., 1935, 31: 58. Also repr.—**Corporations** cannot practice medicine in California; recent opinion handed down by a California District Court of Appeal. California West M., 1936, 44: 36-9.—**Corporations**; Group Health Association, Inc., held not illegally engaged in the corporate practice of medicine or in the insurance business. J. Am. M. Ass., 1939, 113: 1515.—**Editorial** comment on the Arnold pronouncement. Ibid., 1938, 111: 623-30.—**Editorial** comment on the National Health Conferences. Ibid., 540-2.—**Federal** court holds Government indictment against American Medical Association invalid. Ibid., 1939, 113: 502.—**Grand** jury investigates organized medicine. Ibid., 1938, 111: 1663.—**Group** Health Association contract unique but not insurance, says U. S. Court. Ibid., 1939, 113: 1230.—**Health** service plan of municipal employees of San Francisco; opinion of the Supreme Court of the State of California; opinion handed down on September 2, 1938. Am. J. M. Jurispr., 1938, 1: 191-5.—**Hertzog**, L. S. More about the indictment and press reaction to it. J. Am. Inst. Homeop., 1939, 32: 141-5.—The decision of the United States Circuit Court of Appeals. Ibid., 1940, 33: 246.—**Illinois** Supreme Court holds that a corporation cannot practice medicine. Illinois M. J., 1936, 69: 194-9.—**Indictment** of the American Medical Association. Hosp. Progr., 1939, 20: 66-70. Also J. Am. M. Ass., 1939, 112: 50. Also J. M. Soc. N. Jersey, 1939, 36: 48-50.—**Medical** practice acts; corporate practice of medicine illegal in Illinois. J. Am. M. Ass., 1936, 107: 1414.—**Opinion** of Justice James M. Proctor in the United States District Court for the District of Columbia, July 26, 1939, on the demurrer to the indictment against the American Medical Association. Ibid., 1939, 113: 505-11.—**Physicians** delinquent under the Social Security Act. Ibid., 1937, 109: 9-11.—**Press** comment on the indictment. Ibid., 1939, 112: 53.—**Special** (The) grand jury returns indictments. Ibid., 1938, 111: 2397.—**Story** (The) of the indictment. Ibid., 1939, 112: 59-64.—**Suit** instituted against Group Health Association by physicians; society issues public statement. Med. Ann. District of Columbia, 1938, 7: 265-7.—**Supreme** Court denies certiorari. Ibid., 1940, 9: 215.—**Test** case on corporate practice of medicine [Missouri] J. Am. M. Ass., 1937, 109: Suppl., 14.—**Trouble** in Washington; fight over Group Health Ass'n; grows more serious. Med. Econom., 1937-38, 15: No. 8, 64-70.—**Two-medico-legal** items: On corporate practice of medicine; on citizenship as a condition precedent to medical licensure. California West M., 1940, 52: 106.—**U. S.** Department of Justice seeks to avoid Circuit court of appeals in appeal from Justice Proctor's decision dismissing indictment of A. M. A. and others under Sherman Antitrust Act. J. Am. M. Ass., 1939, 113: 1134.—**Vion**. Etude du tarif de responsabilité des caisses. Arch. méd. chir. province, 1932, 22: 218.

Medical curative service [Group therapy]

See also subheading Organization; State medicine.

Bundt. Die weitere Ausgestaltung des Landeswohlfahrtsamts und die Entsendungsfürsorge. Zschr. wiss. Bäderk., 1927-28, 2: 214-23.—**Butler**, A. M. Quality of medical care under a National Health Act. Am. J. Pub. Health, 1940, 30: 145-8.—**Carey**, W. R. Indigent medical care largely a problem of national economics. Rocky Mountain M. J., 1938, 35: 969-72.—**Carrington**, W. J. The survey of medical services. J. M. Soc. N. Jersey, 1939, 36: 159-62.—**Christie**, A. C. Medical care for all the people. Memphis M. J., 1935, 10: 23: 31.—**Colvard**, G. T. Medical care in New Mexico. Southwest M., 1939, 23: 139.—**Cox**, A. Would a general medical service benefit the Nation? the point of view of the general practitioner. J. R. Inst. Pub. Health, 1939, 2: 537-43.—**Davis**, M. M. Trends and problems in medical care. Proc. Nat. Conf. Social Work, 1933, 60, Meet., 186-96.—**Earp**, J. R. Good quality in medical care. Lancet, Lond., 1939, 1: 798.—**Gibson**, T. The proposals of the British Medical Association for the establishment of a general medical service, considered from the standpoint of preventive medicine. J. R. Soc. Inst., 1932, 52: 304-13.—**Hannan**, J. J. State Board of Control medical program. Wisconsin M. J., 1937, 36: 442-50.—**Hollmann**, W. Soziale Therapie. Hippokrates, Stuttg., 1939, 10: 673; 703.—**Incipient** uprising among consumers of medical service. Science News Lett., 1938, 34: 68.—**James**, A. Public medicine from the sociological standpoint. Tr. Med. Chir. Soc. Edinburgh, 1907-8, n. ser., 27: 283-92.—**Kirby**, M. Jusqu'où va la responsabilité du département provincial de la santé dans le traitement des maladies? Bull. Off. internat. hyg. pub., Par., 1939, 31: 1687-90.—**Little**, E. Cooperation in the field of medical care. Merck Rep., 1941, 50: No. 2, 4.—**Medical** aid for the needy is discussed by Senator Taft, guest speaker at banquet at 94th annual meeting. Ohio M. J., 1940, 36: 644-7.—**Medical** care in Georgia. J. Am. M. Ass., 1940, 115: 1108.—**Medical** care in Pennsylvania. Ibid., 1938, 110: 99-101.—**Mountain**, J. W. Administration of public medical service by health departments. Am. J. Pub. Health, 1940, 30: 138-44.—**Munger**, C. W. Taxpayers, politicians, and the indigent sick. Tr. Am. Hosp. Ass., 1933, 35: 356-61. Also Bull. Am. Hosp. Ass., 1934, 8: 78-83.—**Newsholme**, A. The health department in the field of medicine: from the standpoint of experience in England. Am. J. Pub. Health, 1937, 27: 1089-93.—**Packard**, R. K. Medical care for all the people. Illinois M. J., 1939, 75: 410-3.—**Phippen**, W. G. Medical service and the national health program. Rhode Island M. J., 1940, 23: 109-11.—**Ridley**, C. L. How much curative medicine should a health department do to put on an adequate health program. J. M. Ass. Georgia, 1933, 22: 52-9.—**Riley**, R. H. The health department in the field of medicine. Am. J. Pub. Health, 1938, 28: 303-8.—**Robertson**, H. McG. Medical relations of public health service and coast guard. Health Off., Wash., 1937, 2: 363-70.—**Ruhland**, G. C. Treatment as a part of services of health departments. Am. J. Pub. Health, 1940, 30: 661-9.—**Scott**, J. A. Would a general medical service benefit the Nation? the point of view of the public health officer. J. R. Inst. Pub. Health, 1939, 2: 544-54.—**Sippy**, J. J. Should public health administrative practice include medical relief activities? Am. J. Pub. Health, 1934, 24: 941-6.—**Socialist** (A) view of medical services. Lancet, Lond., 1940, 1: 329.—**Van Etten**, N. B. The quality of medicine. N. England J. M., 1940, 222: 476-81.—**Winslow**, C. E. A. The public health aspects of medical care from the standpoint of public health. Am. J. Pub. Health, 1939, 29: 16-22.—**Zub**, K. [Activities of the Public Health Service in the care of the sick during war] Vest. česk. lek., 1936, 48: 108-10.

National political aspect.

LAUMANN, W. [E. F.] *Vorsorge; ein Gebot des nationalsozialistischen Staates. 31p. 8° [Jena, 1936]

MESSENGER, H. J. The nation's health. 36p. 24° [Hartford] 1910.

Addison, C. Medicine and the state. S. Barth. Hosp. J., Lond., 1937-8, 15: 85-90.—**Batkis**, G. A. [Fascism and medicine] Sovet. vrach. J., 1938, 42: 771-8.—**Baum**, W. L. The medical profession and the public. Illinois M. J., 1908, 14: 1-9.—**Biró**, B. [Public health policy] Népegészségügy, 1937, 18: 15-9.—**Bishop**, E. L. Responsibility of government in public health work. Am. J. Pub. Health, 1928, 18: 705-9.—The expanding horizon of public health. Bull. Dep. Health Kentucky, 1936-37, 9: 233-7.—**Black**, B. W. Community aspects of medicine. J. Ass. Am. M. Coll., 1938, 13: 19-24.—**Bossard**, J. H. S. A sociologist looks at the doctors. In The medical profession and the public (Am. Acad. political and social science) 1934, 1-10.—**Bremer**, K. Medicine and politics. S. Afr. M. J., 1938, 12: 3.—**Brown**, P. K. Public health and medical welfare. California J. M., 1921, 19: 425-8.—**Brownlie**, J. L. National health policy: a critical survey. Brit. M. J., 1933, 1: 275-7.—**Burford**, C. E. The responsibility of medical care. J. Missouri M. Ass., 1940, 37: 235.—**Chambers**, J. S. Medicine and public health. Kentucky M. J., 1931, 29: 546-50.—**Chaves**, J. Unidad de salud pública. Puerto Rico Health Bull., 1940, 4: 191-5.—**Clarke**, W. Strategy and campaign in the medical and public health salients—1934. J. Social Hyg., 1935, 21: 16-23.—**Collins**, A. J. Medicine, the

- state and the public. *Med. J. Australia*, 1934, 1: 515-8.—**Cortez, V.** Political control of public health work. [Madrid] *J. Am. M. Ass.*, 1935, 104: 2380.—**Couch, R.** Community aspects of medicine. *J. Ass. Am. M. Coll.*, 1938, 13: 25-32.—**Covington, P. W.** Responsibility of state and local government in matters of health. *Northwest M.*, 1934, 33: 282-4.—**Cox, A.** The gap in our health services. *Med. Press & Circ.*, Lond., 1937, 195: 310.—**Dublin, L. I.** Public health service; a sound investment. *Am. J. Pub. Health*, 1931, 21: 479-90.—**Ebermayer, L.** Gesundheitspolitik und Strafrechtsreform. *Arch. sozial. Hyg.*, 1925-26, n. F., 1: 91-5.—**Elliot, W.** Health and the state. *Brit. M. J.*, 1939, 1: 371-6.—**Emerson, H.** Medicine and civil government. *J. Am. M. Ass.*, 1938, 111: 2059-63.—**Signs of the times in public health.** *J. Med.*, Cincinnati, 1938-39, 19: 575-90.—**National health, the common concern of the medical professions and government.** *Illinois Dent. J.*, 1939, 8: 404-14.—**Political medicine and public health.** *Illinois M. J.*, 1939, 75: 492-4.—**Ewart, W.** An inaugural address on res medica respública: the profession of medicine, its future work and wage. *Lancet*, Lond., 1907, 2: 946-9.—**Feinmann, E.** La medicina social y los problemas del trabajo en la República Argentina. *Proc. Panamer. Sc. Congr.* (1915-16) 1917, 9: 540-87.—**Ferrell, J. A.** Basic principles in the public field. *South. M. J.*, 1929, 22: 651-5.—**Fishbein, M.** Medicine and national policy. *California West. M.*, 1938, 48: 21-3.—**Fleming, G.** The relationship of public health to medical care. *Canad. Pub. Health J.*, 1934, 25: 461-5.—**Folks, H.** The case of public health vs public welfare. *Am. J. Pub. Health*, 1938, 28: 916-22.—**Freeman, A. W.** Health and government. *Pub. Health News*, Trenton, 1934, 18: 295.—**Friedländer, A. A.** Medizin und Politik. *Umschau*, 1930, 34: 61-3.—**Function of the state in medicine.** *J. Am. M. Ass.*, 1939, 113: 61.—**Galeazzi, R.** Il dovere sociale dell'assistenza agli invalidi. *Arch. orlop.*, Milano, 1929, 45: 802-21.—**Godart, J.** Para una política de defensa de la salud pública. *Diá med.*, B. Air., 1935, 7: 1393.—**Godfrey, E. S., jr.** Health for three-thirds of the nation. *Am. J. Pub. Health*, 1939, 29: 1233-91.—**Gonçalves da Rocha, E.** A medicina social em face da nova política social. *Hospital*, Rio, 1939, 15: 943-52.—**Groat, W. A.** The interest of the State in the health of its citizens. *N. York State J. M.*, 1939, 39: 854-7.—**Heard, G.** Doctoring and democracy. *Middlesex Hosp. J.*, Lond., 1932, No. 204, 183-89.—**Hiscock, I. V.** Public health horizons. *Contr. Dep. Pub. Health Yale*, 1937-39, 16: No. 26, 1-3.—**Holland, S. L.** Public health one of most clearly non-political fields. *Health Notes*, Jacksonville, 1941, 33: 4-7.—**Hutton, J. H.** The public, the politician and the doctor. *Mississippi Doctor*, 1940-41, 18: 378-82.—**Joannon, P.** Prévoyance sociale et démolition. *J. méd. fr.*, 1929, 18: 132-5.—**Kler, J. H.** Public relations. *J. M. Soc. N. Jersey*, 1938, 35: 630.—**Kopetzky, S. J.** Public health, a concern of government. *N. York State J. M.*, 1938, 38: 444-8.—**Lippmann, W.** Government philosophy in a sick world. *Am. Interne*, 1936, 1: No. 6, 9-21.—**Also Dallas M. J., 1936, 22: 71-4.—**Also J. Michigan M. Soc., 1936, 35: 526-8.—**Also Westchester M. Bull., 1936, 4: No. 6, 1: 7.—**Health and government.** *Week. Bull. California Dep. Pub. Health*, 1935, 14: 188.—**Löhr, H.** Die Stellung und Bedeutung der Heilkunde im nationalsozialistischen Staate. *Med. Welt*, 1935, 9: 1-5.—**López Pérez, La sanidad, función nacional.** *Med. ibera*, 1934, 28: 774.—**McCormack, A. T.** Whose responsibility is public health and medical service? *Texas J. M.*, 1938-39, 34: 624-30.—**McCormick, E. J.** Democracy at the crossroads. *J. Michigan M. Soc.*, 1940, 39: 17-21.—**McCullough, J. W. S.** Relation of the medical profession to the public. *Canada Lancet*, 1907-8, 41: 108-20.—**Marquette, B.** Public relations for public health. *Health Off.*, Wash., 1938, 2: 418, 431-5.—**Master (The)** of medicine; the state or the medical society? *Westchester M. Bull.*, 1934, 2: No. 7, 1: 11.—**Medicine and the state.** *Ibid.*, 1936, 4: No. 8, 1: 6.—**Merriam, J. C.** Medicine and the evolution of society. *Science*, 1926, 64: 603-9.—**Milligan, E. H. M.** Medicine and the public health. *Pub. Health*, Lond., 1938-39, 52: 266-70.—**Millsbaugh, A. C.** Public administration trends in relation to public health. *Proc. Conf. Health Author. N. America*, 1934, 49: 71-84.—**Mitchell, J. T.** The relation of the medical profession to the general public. *Australas. M. Gaz.*, 1905, 24: 51-9.—**Moore, H. M.** Public economy and public health; human wastage the crime of our present civilization. *Nation's Health*, Chic., 1923, 5: 343-6.—**Medicine and public health.** *Am. J. Sociol.*, 1931, 36: 956-65.—**Morgan, W. G.** Medicine and the public. *Science*, 1921, n. ser., 53: 243-50.—**Murray, J. E.** Health cannot wait. *Med. Econom.*, 1939-40, 17: No. 5, 83-6.—**National (A) health program.** *J. Am. M. Ass.*, 1938, 110: 652-4.—**Nation's (The) news.** *Week. Roster*, Phila., 1937-38, 33: 1571-9.—**Necesidad de un programa nacional de sanidad.** *Bol. Of. san. panamer.*, 1938, 17: 863-81.—**Neff, R. E.** Responsibility of State increases in caring for sick citizens. *Hosp. Management*, 1941, 51: No. 2, 22.—**Newmayer, S. W.** The crisis in public health. *Trained Nurse*, 1933, 91: 423-6.—**Parran, T., jr.** Public responsibility for public and personal health. *Bull. N. York Acad. M.*, 1935, 11: 533-48.—**Pellegrini, R.** Raza ed assistenza sociale. *Assist. sociale*, Roma, 1939, 13: No. 8, 133-9.—**Percy, E.** Medicine and government. *Univ. Durham Coll. M. Gaz.*, 1937-38, 38: No. 263, 5-8.—**Peters, W. H.** Public health, a public business. *Am. J. Pub. Health*, 1927, 17: 793-8.—**Also J. Med., Cincinnati, 1926-27, 7: 656-62.—**Philosophy (The) and political policy of social security.** *Kansas City M. J.*, 1938, 14: No. 4, 3.—**Public health in a democracy.** *New York M. Week.*, 1940, 19: No. 31, 7.—**Riesman, D.** Medicine at the bar of public opinion. *Tr. Am. Gastroenter. Ass.* (1924) 1925, 27: 1-6.—**Robimarga, L., & Salvatore De Zerbi, A.** L'INFALL problema nazionale. *Rev. crit. infortunista*, 1935, 24: 89-98.—**Roche, J.** National health challenges today. *Pub. Health Nurs.*, 1935, 27: 117-9.—**S., F. C.** National defense and socialized medicine. *Med. World*, 1940, 58: 617.—**Salud (La) pública en tiempos de crisis.** *Bol. sal. pub.*, Montev., 1934, 3: 206-12.—**Schumacher, H. C.** The sick man is a poor citizen. *Med. Rev. of Rev.*, 1933, 39: 8-12.—**Shaw, G. B.** The socialist criticism of the medical profession. *Tr. Med. Leg. Soc.*, Lond., 1908-9, 6: 202-28.—**Spoils (The) system and the public health.** *Kansas City M. J.*, 1941, 17: 3.—**Storey, T. A.** The influence of the government on hygiene. *Pedag. Semin.*, Worcester, 1922, 29: 400-7.—**Suslov, B.** [Defense of the country and problems of public health] *Profil. med.*, Kharkov, 1927, 6: No. 10, 142-51.—**Sweck, W. O.** The public's interest. *Southwest. M.*, 1926, 10: 521-5.—**Tapia, J. M.** La asistencia social como función de estado. In [México] *Asamblea nacional de cirujanos.* Lo Parauquirgo, 1935, 19-26.—**Thacher, T. D.** Medicine and the state. *Med. Econom.*, 1936-37, 14: 31-4.—**Also Bull. N. York Acad. M., 1937, 13: 127-36.—**Tobey, J. A.** Politics and the public health. *Sc. Month.*, 1926, 23: 123-8.—**Tomes, C. S.** An address on medicine and its specialties in their relation to the state: a retrospect and a prospect. *Brit. M. J.*, 1907, 2: 861-5.—**Tomescu, P.** [Contemporary government and public health] *România med.*, 1936, 14: 6.—**Triollet, L.** Aspect politique du problème sanitaire. *Ann. hyg. Par.*, 1934, n. ser., 12: 34-40.—**Van Etten, N. B.** An American health program. *J. Tennessee M. Ass.*, 1940, 33: 159-67.—**Also Minnesota M., 1940, 23: 681-8.—**Also Mississippi Valley M. J., 1941, 63: 30-1.—**Better health for America.** *Science*, 1940, 91: 581-5.—**Also J. Am. M. Ass., 1940, 114: 2347-50.—**Vicaria, E.** La medicina como función del estado. *Rev. med. cir.*, Barranquilla, 1939, 6: No. 10, 25-41.—**Also Labor méd., Méx., 1940, 8: 17-22.—**Wagner, G.** Nationalsozialistische Gesundheitsführung. *Mitt. Biochem.*, 1939, 46: 35.—**Wahl, H. R.** Community aspects of medicine. *J. Ass. Am. M. Coll.*, 1938, 13: 14-8.—**Whiteside, G. W.** The relation of the medical man to the public. *Med. Times*, N. Y., 1921, 49: 256-61.—**Wolf, G.** Sozialpolitik und soziale Hygiene. *Arch. sozial. Hyg.*, 1925-26, n. F., 1: 160-4.—**Woll, M.** Labor looks at medicine. *Med. Times*, N. Y., 1935, 63: 46-8.—**Zahn, F.** Die deutsche Arbeitsversicherung als soziale Einrichtung; Arbeitsversicherung und Volkswirtschaft. *Ber. Verh. internat. Kongr. Versicher. Med.*, 1906, 4 Congr., 501-11.******************

Nursing service.

See also Nursing, public health.

- Baggallay, O.** The health visitor in other countries. *Bull. Hyg.*, Lond., 1933, 8: 645-9.—**Boudreau, F. G.** Family health, goal of public health. *Pub. Health Nurs.*, 1938, 30: 346-53.—**Dinegan, A. W.** Public health nursing and its relation to dental hygiene. *Commonwealth*, Bost., 1939, 26: 135.—**Eliot, M. M.** The Social Security act as it will affect public health nursing. *Proc. Nat. Soc. Prev. Blindness*, 1935, 141-51.—**Ellis, W. J.** What society needs from nursing. *Proc. Nat. League Nurs. Educ.*, 1935, 41: 28-35.—**Frankel, L. K.** Visiting nursing and life insurance; statistical summary of results of 8 years of public health nursing for industrial policyholders of the Metropolitan Life Insurance Company. *New York. Pub. Am. Statist. Ass.*, 1918, n. ser., 16: 58-112.—**Gabriel, J.** Community health in relation to the N. R. A. from the point of view of nursing. *Hosp. Progr.*, 1934, 15: 352-4.—**Klees, F.** Die Krankenhilfe in der öffentlichen Fürsorge. *Zschr. Schulgesundh.*, 1926, 39: 481-5.—**Parran, T.** Voluntary services, an essential in a national health program. *Pub. Health Nurs.*, 1936, 28: 710-2.—**Pearce, D.** Continuing growth and development of public health nursing. *Papers Health Work. Conf. Tennessee*, 1937, 9: 139-45.—**Randall, M. G.** How much work can a rural public health nurse do? *Q. Bull. Milbank Mem. Fund*, 1936, 14: 163-72.—**Russell, M. E.** Health insurance in California; its effect on public health nursing. *Pub. Health Nurs.*, 1936, 28: 148-52.—**Sickness visitation in Northern Ireland.** *Lancet*, Lond., 1937, 2: 764.—**Taylor, E. J.** The auxiliary or subsidiary worker in the care of the sick. *Australas. Nurs. J.*, 1941, 39: 25-9.—**Wagner.** Zur Frage der Krankenbesucher. *Vertrauensarzt*, 1935, 3: 12.—**Welsh, M. S.** The midway file; a device for the regulation of case-loads and clinic and class attendance in a family health service. *Pub. Health Nurs.*, 1936, 28: 25-7.—**Wise, S. S.** The economy of nursing the sick poor in their homes. *Proc. Nat. Conf. Char.*, 1905, 32: 226-8.

Organization.

AMERICAN MEDICAL ASSOCIATION. BUREAU OF MEDICAL ECONOMICS. Organization of medical services. 49p. 8°. Chic., 1937.

EYER, H. Gesundheitspflege und Bevölkerungspolitik in der Ostmark; eine medizinische Topographie eines ausgewählten Landbezirks in Bereich der oberpfälzischen Grenzmark. 206p. 8°. Erlangen, 1937.

GÖCKE, O. *Sozial-hygienische Demographie des Kreises Warendorf mit besonderer Berücksichtigung der Bevölkerungsentwicklung.

sichtigung der Gesundheitsfürsorge [Münster] 75p. 23 $\frac{1}{2}$ cm. Köln, 1936.

HEIJERMANS, L. Gemeentelijke gezondheidszorg in Nederland. 496p. 8°. Amst., 1929.

HOFFMAN, F. L. Southern health and welfare. 15p. 8°. Newark, N. J., 1925.

PEEBLES, A. A survey of statistical data on medical facilities in the United States; a compilation of existing material. 119p. 8°. Wash., [1929]

ROCHESTER, N. Y. COMMUNITY CHEST. SURVEY COMMITTEE. A survey of the facilities for the care of the sick of Rochester, New York. 147p. 28 $\frac{1}{2}$ cm. Rochester, 1941.

ROMANIA. MINISTRUL SĂNĂTĂȚII ȘI OCROTIRILOR SOCIALE. DIRECTIUNEA STATISTICII ȘI PROPAGANDEI. [Album Statistic al igienei preventive, asistenței medicale și asistenței sociale] 59p. fol. Bucur., 1927.

WARBASE, J. P. Cooperative medicine [3. ed., rev.] 35p. 22 $\frac{1}{2}$ cm. N. Y. [1938]

A. Die ärztliche Betreuung der Zivilbevölkerung; eine Unterredung mit Reichsgesundheitsführer Conti. Zschr. ärztl. Fortbild., 1939, 36: 602.—Alabama's health program for the Negro. J. M. Ass. Alabama, 1940-41, 10: 24.—American Medical Association. Bureau of Medical Economics. The planning and organization of medical services. Bull. Am. M. Ass., 1936, 31, 5: 117-20.—Anderson, R. L. The executive assistant to the trustee; a liaison officer. Pennsylvania M. J., 1937-38, 41: 607-10.—Aráoz Alfaro, G. Sobre la organización de la asistencia social. Sem. méd., B. Air., 1933, 40: pt 2, 1945-52.—Armand-Delille, P. Hygiène publique et hygiène sociale aux Etats-Unis (notes de voyage). Rev. hyg., Par., 1919, 41: 69; 186.—Assistance (L') médicale en Australie. Presse méd., 1935, 43: 1761.—Baker, F. A., Christian, L. G. [et al.] Mutual health service. Michigan Pub. Health, 1934, 22: 86-8.—Baker, J. N. The Commonwealth fund's expanded activities in Alabama. J. M. Ass. Alabama, 1939-40, 9: 228-33.—Beco, E. L'hygiène sociale dans la province du Brabant. Mouvement hyg., Brux., 1913, 29: 343-52.—Bell, W. J. Trends in public health and medical care in Canada. Canad. Pub. Health J., 1934, 25: 316-20.—Bettinotti, S. I. Institución médico-social, su definición, su funcionamiento y resultados. Sem. méd., B. Air., 1935, 42: pt 2, 732-5.—Bixby, J. The new order; our medical Utopia. Nebraska M. J., 1934, 19: 201-3.—Bluestone, E. M. Chronic disease patients; planning for their care. Mod. Hosp., 1940, 54: 66.—Bow, M. R. Public health services in Alberta. Canad. Pub. Health J., 1930, 21: 590-600.—Bradbury, S. The plan of the British Medical Association for a general medical service for the nation. Tr. Coll. Physicians Philadelphia, 1932, 54: 44-52.—Burritt, B. B. Co-operation vs individualism in the care of the sick. Tr. Am. Hosp. Ass. (1910) 1911, 12: 289-316.—Cabot, H. Mayo Clinic authority urges speed in working out plans for better medical care distribution. Science Leaflet, 1939, 13: No. 20, 25.—Calcutta (The) Public Medical Service scheme. Ind. M. Gaz., 1940, 75: 561.—Callister, A. C. The medical profession's ideals in medical service. Rocky Mountain M. J., 1941, 38: 106-13.—Campenhout, van. Assistance médicale aux Congo Belge: activité du FOREAMI. P. verb. Com. Off. internat. hyg. pub., 1937, 63.—Castellino, N. Coordinamento dell'azione assistenziale. Fol. med., Nap., 1933, 19: 411-8.—Chalmers, A. K. Our provision for treating the sick. Glasgow M. J., 1932, 118: 1-15.—Christie, A. C. Comprehensive planning for medical care: the physician's responsibility. Week. Roster, Phila., 1937-38, 33: 1019-27.—Chueco, A. La asistencia pública: su importancia y su extensión en pro de la salud pública. Sem. méd., B. Air., 1926, 33: pt 2, 182-5.—Fuentes de recursos de la asistencia pública. Ibid., 1936, 43: pt 1, 2-5.—Ciechanowski, S. [On the need of medical sciences in Poland and problems in the service of the state] Nowiny lek., 1937, 49: 34-8.—Cincinnati plan of sending clinic patients to private physicians before admission proves successful. Ohio M. J., 1936, 32: 859.—Committee on medical care; Maryland State Planning Commission. J. Am. Pharm. Ass., Pract. Pharm. Ed., 1940, 1: 63-5.—Cummings, H. H. Do the people of Michigan want a guarantee of good medical service? J. Michigan M. Soc., 1936, 35: 309-14.—David-Weill, D. Visite à quelques œuvres sociales aux Etats-Unis d'Amérique, avril-mai 1937. Rev. méd. sociale, Par., 1938, 6: 126; 222.—Dawson. Unity of medical services; the Aberdeen venture. Lancet, Lond., 1938, 2: 845.—Devoto, L. Direttive sociali della medicina nord-americana. Ramazzini, Fir., 1917, 11: 94-116.—Distribution (The) of medical care and public health services in Canada. Canad. Pub. Health J., 1940, 31: 86-9.—Efforts of the profession to take over public health work [Paris] J. Am. M. Ass., 1938, 110: 451.—Eliot, M. M. Suggested methods of improving the health of the American people; the program of the Children's Bureau. Minnesota M., 1937, 20: 418-23.—Emerson, H. Researches in administrative practice. Proc. Conf. Health Author. N. America, 1940, 55. Meet., 92-8.—What do people

need for their health and medical care? Connecticut M. J., 1940, 4: 377-81.—Escudero, P. Una nueva orientación de la asistencia médica colectiva. Tr. clín. Escudero, B. Air., 1930, 4: 141-73.—Falk, I. S., & Geddes, A. E. Medical care in public welfare programs. Med. Care, 1941, 1: 64-77.—Frankel, E. The care of the chronically ill in New Jersey. Hosp. Social Serv., 1933, 28: 63-74.—Galbraith, S. N. The health supervision of hop and fruit pickers in South West Kent. J. State M., Lond., 1933, 41: 457-75.—General (The) Medical Council; powers, duties, and constitution. Lancet, Lond., 1930, 2: 435.—Gholston, W. D. Adequate medical care. J. M. Ass. Georgia, 1934, 23: 102-6.—Glover, E. Social institutions. Med. Press & Circ., Lond., 1940, 204: 387-9.—Governor Bricker, in talk at Ottawa, thanks State Medical Association for its help on administrative details. Ohio M. J., 1940, 36: 1211.—Graham-Little, E. The medical planning commission. Lancet, Lond., 1940, 2: 666; 1941, 1: 93.—Haworth, E. S. The denouement of a cooperative health service experiment. Bull. Off. Pract., 1934-35, 8: 204.—Health recommendations of the American Youth Commission. J. Am. M. Ass., 1940, 114: 417.—Hertzog, L. S. The National physicians' committee for the extension of medical services. J. Am. Inst. Homcop., 1940, 33: 100-3.—Hiscock, I. V. The development of neighborhood health services in the United States. Contr. Yale M. School Dep. Pub. Health, 1933-35, 14: 23.—Huber, J. Commission d'Hygiène et d'assistance sociale. Bull. Soc. pédiat. Paris, 1936, 34: 792-4.—Hugo, H. J. Impressions during a recent visit to the U. S. A. S. Afr. M. J., 1940, 14: 109-12.—Hutchinson, J. W. The duty of the township trustee to supply medical care and attention for WPA workers. J. Indiana M. Ass., 1937, 30: 39.—Jackson, F. W. The provision of medical care in Western Canada. Canad. Pub. Health J., 1935, 26: 315-20.—Medical care and its distribution in Canada. Minnesota M., 1939, 22: 681-6.—Jensen, A. C. How shall we secure medical and hospital care for all? Hosp. Management, 1938, 46: No. 4, 18-20.—Jimenez, C. S. Asistencia pública y medicina social. Gac. méd. México, 1938, 68: 441-9.—Jones, J. P. Medical care program in the Southwestern division. J. M. Ass. Alabama, 1940-41, 10: 22-4.—Kacprzak, M. [Project of the British Medical Association for universal medical assistance] Warsz. czas. lek., 1939, 16: 78; 97.—Keen, W. W. The duties and responsibilities of trustees of public medical institutions. N. York M. J., 1903, 77: 877-84. Also repr.—Kerr, W. J. In the spirit of service. Ann. Int. M., 1938-39, 12: 1739-50.—Ketcham, D. Adjustments in illness. Hospitals, 1939, 13: 84-7.—Kopf, F. Zur Krankenbeköstigung der Humanitätsanstalten der Stadt Wien. Zschr. ges. Krankenhauswes., 1926, 22: 269-71.—Lance, E. W. Evolution of medical service administration. J. M. Soc. N. Jersey, 1941, 38: No. 2, Suppl., 5.—Legrand, R., Vielledent, L., & Gervois, M. Bases d'un plan national d'action sanitaire et sociale. Rev. hyg. méd. sociale, Par., 1939, 18: 43-60.—López Rovirosa, G. La beneficencia pública nacional. Arch. rev. hosp., Habana, 1936, 3: 235-7.—MacAlister, D. Introductory address on the General Medical Council: its powers and its work. Brit. M. J., 1906, 2: 817-23. Also Lancet, Lond., 1906, 2: 915-21.—Masoner, K. W. Defense plans by P. H. S. coordinate health and hospital services. Hosp. Management, 1940, 50: 11.—Medical care for Alabama farm families. J. Am. M. Ass., 1938, 110: 188B.—Medical care in Denmark. Med. Rec., N. Y., 1940, 151: 439.—Medical (The) economic security administration. Bull. Am. M. Ass., 1936, 31: 65-9.—Medical (The) planning commission. Lancet, Lond., 1941, 1: 45.—Medical planning commission; future of the British Medical Services. Brit. M. J., 1941, 1: Suppl., 1.—Medical service administration of New Jersey. J. M. Soc. N. Jersey, 1940, 37: No. 7, Suppl., 2-4, No. 8, insert, 1-4; 1941, 38: No. 2, Suppl., 3.—Medical welfare service in Westchester County. Westchester M. Bull., 1936, 4: No. 7, 1: 6; 8.—Merle. Quelques mots sur la situation des médecins de l'assistance médicale indigène en Afrique occidentale. Ann. méd. chir. centre, Tours, 1914, 14: 75-8.—Montague, F. E. Memorandum on the public health organization of the Gilbert and Ellice Islands colony. In Prepar. Papers Intergov. Conf. Far East. Rural Hyg., 1937, 1. Conf., C. H. 1235, 1: 75-8.—Moraes Mello, A. de. Os recursos médico-assistenciais no Distrito Federal. Brasil med., 1934, 48: 130-7.—Munger, C. W. Integration of voluntary and governmental efforts in care of the sick. Hospitals, 1940, 14: No. 6, 28-32.—Murillo Chacón, A. La obra de acción social del Ministerio de Sanidad y Asistencia Social, debe ser de cooperación totalitaria. Bol. Min. san., Carácas, 1937-38, 2: 1076-80.—Myers, W. H. What does our government propose to do about the practice of medicine? J. M. Ass. Georgia, 1938, 27: 360.—National physicians' committee for the extension of medical service. J. Am. M. Ass., 1939, 113: 2063. Also Med. Rec., Houston, 1939, 33: 327. Also Kansas City M. J., 1939, 15: No. 11, 5. Also Illinois M. J., 1940, 77: 105.—Necessary (The) relation of the organization of medical care to the general economic and social scheme. In Am. Med. (Am. Found.) N. Y., 1937, 1: 54-68.—Need of making means of control known to the public [medical and surgical care] Ibid., 557-63.—Newsholme, A. A discussion on the co-ordination of the public medical services. Brit. M. J., 1907, 2: 656-62.—Olacchia, A. S. El régimen asistencial actual y el que conviene a la beneficencia pública de Lima. Crón. méd., Lima, 1932, 49: 149; 237; 263.—Our survey and study: a stimulus to better sickness service. Pennsylvania M. J., 1937-38, 41: 743.—Owen, H. R. Activities of medical division, Department of Public Safety and Welfare

fund. Week. Roster, Phila., 1933, 28: No. 31, 23-5.—**Paulin, J. E.** Suggestions for the improvement of medical care in Georgia. J. M. Ass. Georgia, 1940, 29: 364-7.—**Penichet, A.** La asistencia pública en los países civilizados. Med. d. hoy, Habana, 1939, 4: 212-5.—**Petragnani, G.** Medicina corporativa. Atti Accad. fisior. Scona, 1935, 11, ser. 3: Suppl. 67-76.—**Plan (Un)** práctico para proteger la salud pública. Bol. Of. san. panamer., 1939, 18: 964-8.—**Plans** for distribution of sickness service and the 10 points of the American Medical Association. Pennsylvania M. J., 1936-37, 40: 1189.—**Pohlen, K.** Zur Berichterstattung der Kreisärzte über die Gesundheitsfürsorge (soziale Hygiene) in Preussen für das Jahr 1934. Zschr. med. Beamte, 1934, 47: 492-516.—**Present (The)** status of the medical social security programs in Iowa. J. Iowa M. Soc., 1937, 27: 122-5.—**Proposed (The)** reforms in Westchester county government relating to public health and welfare. Westchester M. Bull., 1936, 4: No. 3, 5, 10.—**Ravina, A.** Visite aux organisations de médecine sociale et aux villes d'eaux de Tchéco-Slovaquie. Presse méd., 1936, 44: 1985-7.—**Report of the Indian Statutory Commission on Medical Relief and Public Health.** J. Trop. M. Hyg., Lond., 1930, 33: 306-9.—**Report** on the best methods of safeguarding the public health during the depression. Q. Bull. Health Org. League of Nat., 1933, 2: 286.—**Rose, A.** Soziale Medizin in Amerika. Deut. med. Presse, 1907, 11: 9.—**Ruotsalainen, A.** [Reorganization of medical assistance in occupational schools in Berlin]. Duodecim, Helsinki, 1939, 55: 654-63.—**Russell, A. J. H.** A note on the central government's health organization and associated institutions and organizations concerned with public health [British India]. In Prepara. Papers Intergov. Conf. Far East. Rural Hyg., 1937, 1, Conf., C. H. 1235(b) 9-36.—**Sargent, J. C.** Wisconsin's present program. Wisconsin M. J., 1938, 37: 314-9.—**Schober, P.** Sozialmedizinische Bilder aus Frankreich. Heilkunde, Berl., 1905, 24: 106.—**Schofield, R. O.** The medical and surgical organization at Boulder Dam. California West. M., 1935, 42: 5-11.—**Schwitalia, A. M.** Hospitalization and medical care of civil-works-administration employees. Hosp. Progr., 1934, 15: 1-7.—**Sedgwick county, Kansas.** Medical Service. J. Am. M. Ass., 1937, 108: Suppl., 8.—**Seelig, G.** Remarks on the St Louis medical economic security administration. Week. Bull. S. Louis M. Soc., 1936-37, 31: 36.—**Sell, F.** Gesundheitschutz auf Gegenseitigkeit. Reichsgesundhbl., 1939, 14: 494-6.—**Selva, M.** Organización médica oficial y profesional. Rev. As. méd. argent., 1940, 54: 822-5.—**Sethman, H. T.** Modernizing medical public relations. J. Oklahoma M. Ass., 1940, 33: No. 11, 16-20.—**Shearer, A.** The Highlands and Islands medical service: what it is, and what it has done. Edinburgh M. J., 1938, 45: Tr. Med. Chir. Soc., 85-108.—**Snow, H.** A plan for health maintenance. Indust. M., 1938, 7: 478-83.—**Sustov, B.** [Ten years of health protection] Vrach. delo, 1928, 11: 281-6.—**Taylor, R.** The public welfare officer and the problem of medical care. Westchester M. Bull., 1934, 2: No. 9, 1; 8.—**Thau, W.** A modern health program embracing every phase of medical practice. Med. Times, N. Y., 1941, 69: 54-6.—**Tilli, P.** L'assistenza sanitaria gratuita in Roma durante l'anno 1936. Ann. igiene, 1937, 47: 509-14.—**Van Eden, P. H.** Reorganisatie van den genees-, heelen- en verloskundigen dienst bij behoeftigen in de gemeente Alkmaar. Ziekenhuis, Amst., 1912, 3: 71; 91; 101.—**Van Etten, N. B.** Constructive suggestions for medical program. N. England J. M., 1933, 208: 988-1002.—**Versorgung der Zivilbevölkerung mit Aerzten.** Deut. med. Wschr., 1940, 66: 1056.—**Viko, L. E.** What should we do to improve medical facilities and care? Rocky Mountain M. J., 1939, 36: 626-8.—**Vivas Briceño, C.** Sanidad y asistencia social. Bol. educ. san., Caracas, 1940, 3: No. 61, 10-2.—**Vohs, C. F.** A medical plan for all the people. J. Indiana M. Ass., 1939, 32: 125-9.—**Watters, J. E.** A study of medical facilities in Akron for indigent and low-income groups. Abstr. Theses Univ. Pittsburgh, 1938, 14: 449.—**Why** medical service councils? a report to the Public relations committee, Massachusetts Medical Society. N. England J. M., 1937, 216: 876-9.—**Williams, W. C.** Some considerations in the planning of state and local health services. Texas J. M., 1940-41, 36: 747-50.—**Winslow, C. E. A.** Planning for medical care. Contr. Yale M. School Dep. Pub. Health, 1933-35, 14: No. 22.—**Wisconsin** experiment in cooperative medicine. J. Am. M. Ass., 1939, 112: 154.—**Yater, W. M., & Garrett, R.** Medical economics: the coordination of resources for medical care in the District of Columbia. Med. Ann. District of Columbia, 1935, 4: 138-45.—**Ziegler, M. V.** The medical care program. J. Lancet, 1935, 55: 558-60.

Organization: Physician's attitude.

UNITED STATES. NATIONAL PHYSICIANS' COMMITTEE FOR THE EXTENSION OF MEDICAL SERVICE. The Minutemen of American medicine. 24p. 21½cm. [Chic., 1940?]

Abell, I. Some professional and social trends in American medicine. Ann. Int. M., 1939-40, 13: 523-9.—**Achilles (The)** heel of American medicine. California West. M., 1939, 51: 360-2.—**Alcorn, J. B.** Shall we lead or be led? Ohio M. J., 1938, 34: 683-5.—**America** does not need, and does not want, a medical system run by non-medical persons. Illinois M. J., 1937, 71: 279.—**American** Medical Association and inter-departmental committees to confer on national health program. J. Am. M. Ass., 1938, 111: 1570.—**Arthur, G.** The A. M. A. mobilizes. Med. Econom., 1938-39, 16: No. 2, 52-5.—**Attitude**

of New Jersey toward the New York resolution. J. Am. M. Ass., 1937, 109: 57B.—**Barker, C.** Valedictory. J. Connecticut M. Soc., 1939, 3: 541.—**Benton, N. K.** Medicine and the present social trend. N. York State J. M., 1931, 31: 755-9.—**Biddle, A. P.** Medicine: the influence of the social forces. J. Michigan M. Soc., 1935, 34: 645-9.—**Borzell, F. F.** Organized medicine in a community health program. Pennsylvania M. J., 1940-41, 44: 693-6.—**Boyd, C. E.** What is wrong with medicine and whither are we going? Mississippi Doctor, 1940-41, 18: 386-8.—**Brown, R.** Is medicine drifting into lay control? California West. M., 1926, 25: 465-9.—**Collectivism** in medicine is a movement which should be promoted. West. J. Surg., 1934, 42: 289-94.—**Bryant, C. P.** Shall politics control medicine? Homeop. Rec., 1939, 54: No. 5, 23-9.—**Burrows, F.** Why not give the doctor a break? my answer to group medicine. N. York State J. M., 1940, 40: 1394-403.—**Carrington, W. J.** Organized medicine; a two-way flow. J. M. Soc. N. Jersey, 1938, 35: 433.—**Carrión, D. A.** Labor de la defensa gremial. Rev. méd., Puebla, 1940, 13: No. 121, 4-6.—**Carter, R. M.** Organized medicine. Marquette M. Rev., 1936-37, 1: 51-62.—**Cary, E. H.** Controlling our destiny. Wisconsin M. J., 1935, 34: 805-11.—**Christie, A. C.** Evolution or revolution in medical methods. J. M. Soc. N. Jersey, 1935, 32: 376.—**Clinical** course of congenital, inherited, dissatisfaction. J. Kansas M. Soc., 1937, 38: 302.—**Contra** a industrialização da medicina. Bol. Synd. med. norte riorand., 1936, 1: No. 2, 4.—**Crownhart, J. G.** The subcommittee on health and disability. Wisconsin M. J., 1936, 35: 908-11.—**Davis, M. M.** Change comes to the doctor. Tr. Coll. Physicians Philadelphia, 134, 2: 63-71.—**Decourt, F.** Les médecins praticiens et la médecine sociale dans les milieux internationaux de Genève. Presse méd., 1935, 43: 268.—**Doorstep** baby. J. Indiana M. Ass., 1937, 30: 351.—**Eliot, M. M., Peters, J. P.** [et al.] A debate on medical care. Lancet, Lond., 1939, 1: 715.—**Emerson, H.** The physician's part in organized medical care. Am. J. Pub. Health, 1940, 30: 9-16.—**Epps, C. B.** Shall we be leading pioneers or driven slaves? J. S. Carolina M. Ass., 1940, 36: 1-6.—**Es** el sindicato la forma práctica de llevar a cabo el acercamiento profesional? Rev. méd., Puebla, 1940, 13: No. 117, 30-4.—**Fay, O. J.** Shall organized medicine survive? J. Iowa M. Soc., 1934, 24: 318-21.—**The** test of organized medicine. Ibid., 205-8.—**Medical** organization or political control. Nebraska M. J., 1935, 20: 321-5.—**Fishbein, M.** Medicine in the changing social order. N. England J. M., 1936, 215: 916-21.—**Morris** Fishbein, M. D., discusses modern trends in American medicine. Bull. Los Angeles Co. M. Ass., 1938, 68: 530; 539-43.—**Frank, G.** A challenge to medical statesmanship. Wisconsin M. J., 1926, 25: 531-6.—**Freiberg, A. H.** Concerning some economic implications of modern medicine. Pennsylvania M. J., 1932, 36: 73-6.—**Gordon, A. H.** The medical man's standpoint. Canad. M. Ass. J., 1936, 35: 202-5.—**Greene, E. H.** The role of organized medicine in medical care. Bull. Fulton Co. M. Soc., 1939, 13: No. 16, 3.—**Harris, S.** The attitude of the American Medical Association toward socialism, industrialism and insurance commercialism in medicine. Illinois M. J., 1933, 63: 543-8.—**Also** J. M. Ass. Alabama, 1933, 2: 360-5.—**Hart, A. D., Jr.** Economic trends in medical practice. Virginia M. Month., 1933, 60: 397-400.—**Hartenberg, P.** La crise médicale et le devoir du syndicalisme. J. méd. Par., 1934, 54: 671-3.—**Hay-Michel, A. G. H.** Medical politics. S. Afr. M. J., 1935, 9: 141.—**Hays, B. W.** Shall medicine remain independent? J. Missouri M. Ass., 1939, 36: 185.—**Hein, B. J.** A good offense will be our best defense. Ohio M. J., 1939, 35: 630-6.—**Heyd, C. G.** The standpoint of the profession. N. York State J. M., 1929, 29: 587-91.—**Professional** freedom and social responsibility. Fed. Bull., Chic., 1937, 23: 356-60.—**Society** and organized medicine. J. M. Soc. N. Jersey, 1937, 34: 373-5.—**Houghton, H. A.** Medical reconstruction, a partial answer. Long Island M. J., 1919, 13: 248-54.—**House** of Delegates adopts policies on sickness care. J. Am. M. Ass., 1935, 104: 652.—**Introducing** the medical guide. Med. Ann. District of Columbia, 1939, 8: 309-11.—**Johnson, D. McL.** A case against the extension of public medical services. Bull. Am. M. Ass., 1935, 30: No. 7, 107-9.—**Kent, J. P.** Recent perils to the practice of medicine as viewed by a rural practitioner. Virginia M. Month., 1940, 67: 87-91.—**Knopf, S. A.** The need of the hour a united progressive medical profession with enough of the nation's wealth to further the nation's health. Med. Rec., N. Y., 1938, 147: 5-11. Also repr.—**Koehler, J. P.** Meeting our challenge: united front against disease. Hospitals, 1938, 12: No. 7, 46-9.—**Kopetzky, S. J.** Intangibles in medical practice: selling the people a political gold brick. J. Med., Cincin., 1939-40, 20: 110-4.—**Kostmayer, H. W.** What shall we do to be saved? N. Orleans M. & S. J., 1935-36, 88: 669-71.—**Will** we be saved? Ibid., 1936-37, 89: 603.—**Lake, G. B.** Commercialized medicine and politics. Clin. M. & S., 1939, 46: 417.—**Laux, J. D.** Medical care from the A. M. A. standpoint. Rocky Mountain M. J., 1938, 35: 963-8.—**Lay** philanthropists should not begrudge to the men who make health possible the right to earn the means of subsistence. Illinois M. J., 1935, 68: 385-7.—**Leland, R. G.** In the interest of the patient: changes in medical practice are unworthy of consideration unless they are in the interest of good public policy. Bull. M. Soc. Co. Kings, 1935, 14: p. vii-xix.—**A** challenge to medicine. N. England J. M., 1938, 218: 518-21.—**Lydston, G. F.** A privileged medical class: the latest move of medical trust monopoly; a warning to the profession, the public and especially to state legislation and medical examining boards. Nashville J. M. & S., 1913, 107: 49-50.—**McBride, A. F.** The organiza-

tion of the special session of the American Medical Association. J. M. Soc. N. Jersey, 1938, 35: 616-8.—**Massachusetts** comes clean. J. Am. M. Ass., 1939, 113: 1572.—**Mayo Clinic** authority urges speed in better medical care. Science News Lett., 1940, 37: 61.—**Medical Mussolini**. J. Am. Ass. M. Phys. Res., 1938-39, 13: 209-13.—**Medical (The)** profession and the paternalistic tendencies of the times. Jackson Co. M. J., 1934, 28: 5-9.—**Medical (The)** profession and the public; joint meeting of the College of Physicians of Philadelphia and the American Academy of Political and Social Science. Week. Roster, Phila., 1934, 29: 727-33.—**Médico (El)** ante el problema económico social de Puerto Rico. Bol. As. méd. Puerto Rico, 1939, 31: 7-21.—**Mencken, H. L.** Been pushed around. Illinois M. J., 1939, 75: 496-8.—**Menville, L. J.** The unification of the medical profession for the protection of the public. N. Orleans M. & S. J., 1939-40, 92: 61-5.—**Messinger, H. C.** Providence Medical Association; address of the president. Rhode Island M. J., 1940, 23: 31-3.—**Morfit, J. C.** Opportunities and responsibilities of organized medicine in relation to economic trends. Week. Bull. S. Louis M. Soc., 1935, 30: 176-84.—**Morgan, W. G.** The medical profession and the paternalistic tendencies of the times. J. Am. M. Ass., 1930, 94: 2035-42. Also repr.—**Murray, J. G.** The medical profession versus racketeering. Minnesota M., 1933, 16: 175-9.—**Narro, R.** La necesidad imperiosa de uniros y entrar de lleno a la lucha social. Rev. méd. veracruz., 1935, 15: 1392-6.—**Neece, I. H.** The cost of medical education; its relation to the Cost of Medical Care. Illinois M. J., 1932, 62: 118.—**Nielsen, M.** Am I my brother's keeper? Nebraska M. J., 1927, 12: 293-6.—**Organized medicine and medical care**. J. Am. M. Ass., 1934, 103: 112.—**Organized medicine and organized labor**. Mod. Med., 1940, 8: 74-82.—**Organized medicine** must direct the medical activities of America. Illinois M. J., 1935, 68: 528-33.—**O'Sheel, P.** Medicine takes the offensive. Med. Econ., 1939-40, 17: No. 4, 26: 84.—**Patry, F. L.** Psychological implication of a changing social-economic order in medical practice. Med. Rec., N. Y., 1936, 143: 45-7.—**Paul, H.** Jacob and Esau. Pub. Health, Lond., 1938-39, 52: 97-101.—**Pennington, J. R.** Group medicine; the medicine of the future. Med. Rec., N. Y., 1919, 96: 1010-2.—**Perry, H. E.** Keep medicine free. J. Michigan M. Soc., 1937, 36: 747.—**Peters, J. P.** The social responsibilities of medicine. Ann. Int. M., 1938-39, 12: 536-43.—**Philip, R.** The strategic front of medicine to-day. Brit. M. J., 1927, 2: 123-31. Also Canad. M. Ass. J., 1927, 17: 985-8. Also Lancet, Lond., 1927, 2: 157-62.—**Platform (The)** of the American Medical Association. J. Am. M. Ass., 1939, 113: 1966; 1940, 114: 414; 2388; 115: 134; 304; 536. Also Illinois M. J., 1939, 76: 489. Also J. Tennessee M. Ass., 1939, 32: 454-7. Also Kentucky M. J., 1940, 38: 139.—**Puntun, J.** The newer mission of the doctor and hospital. Pacific M. J., 1914, 57: 477-92.—**Quality (The)** of medical care must be the determinant in all planning. In Am. Med. (Am. Found.) N. Y., 1937, 1: 213-25.—**Quinlan, J. F.** The social responsibility of the medical profession. Linacre Q., 1939, 7: 59.—**Red (The)** tape begins to unwind! J. Am. M. Ass., 1938, 111: 622.—**Reed, C. B.** The physicians and the pharisees. Illinois M. J., 1936, 69: 491-9.—**Reinle, G. G.** Presidential address. Tr. West. Soc. Am. Urol. Ass., 1939, 8: p. xi-xix.—**Report** of the reference committee, special session House of Delegates of the American Medical Association, Nebraska M. J., 1935, 20: 81-3.—**Robey, W. H.** President's address. N. England J. M., 1935, 212: 1203-8.—**Ross, W. H.** Weakness of organized medicine. Med. Times, N. Y., 1931, 59: 87.—**Rotter, O.** Some remarks on the medico-economic movement. Am. Med., 1913, n. ser., 8: 88-90.—**Russ, W. B.** The New Deal and the doctor. Texas J. M., 1939-40, 35: 708-12.—**Salazar Mallén, R.** El nuevo proletario. Labor méd., Méx., 1939, 7: 91.—**Santaneli, E.** L'orientamento professionale e la collaborazione del medico psicotecnico nel clima corporativo. Fol. med., Nap., 1939, 25: 775-82.—**Sauer, D.** Annual report of the medical economics committee of the St. Louis Medical Society. Week. Bull. S. Louis M. Soc., 1939-40, 34: 30-44.—**Schwitalla, A. M.** The triumph of mediocrity, or worse. Hosp. Progr., 1939, 20: 65.—**Seeger, S. J.** Obligations and opportunities in organized medicine. Proc. Mayo Clin., 1937, 12: 36-8.—**Sharrett, G. O.** Our duty and responsibility. Bull. School M. Univ. Maryland, 1934-35, 19: 108-18.—**Shoulders, H. H.** An analysis of certain principles and proposals drafted and promulgated by a self-appointed group of doctors. J. Tennessee M. Ass., 1937, 30: 481-6.—**Shryock, R. H.** Medizin, Mathematik und Sozialwissenschaften. In his Entw. mod. Med., Stuttg., 1940, 110-22.—**Silva, S.** El lugar del médico en el movimiento social del momento. Monterrey méd., 1939, No. 47, 1186-91.—**Skipp, W. M.** Profession must not forget domestic issues during world crisis. Ohio M. J., 1940, 36: 783-5.—**Sondern, F. E.** Brief history of organized medicine. Diplomate, 1936, 8: 281-7.—**Spencer, R.** The doctor as biostatistician. Ibid., 1941, 13: 31-5.—**There** is no limit in sight either for a politico-medical bureaucracy, or its cost to the taxpayer. Illinois M. J., 1935, 67: 391.—**Topping, A., Bateson C. L.** [et al.] Future of organized medicine. Lancet, Lond., 1940, 1: 222-4.—**Townsend, T. M.** Medical trends; whither medicine? N. York State J. M., 1936, 36: 1986-8.—**Uribe y Rivera, S.** La función social del médico. Labor méd., Méx., 1936, 4: 152.—**Using** the medical profession as its catspaw. Illinois M. J., 1940, 77: 551.—**Van Etten, N. B.** The objectives of American medicine. Rocky Mountain M. J., 1940, 37: 942-8.—**Whalen, C. J.** The current menaces of the medical profession. Illinois M. J., 1930, 58: 418-24.—**What** is the A. M. A.

program? Week. Roster, Phila., 1938-39, 34: 223-31.—**Which** way—our medical future? The Federal government's recent action in connection with the Group Health, Inc., affair, stirs up some issues; do the American people want or need any reorganization of their medical care? Hosp. Topics, 1938, 16: No. 9, 20-5.—**Why** special favors? N. York State J. M., 1939, 39: 1525.—**Wilbur, R. L.** Health instruction the best social insurance. Ibid., 1932, 32: 309-11.—**The** protection of the public through the activities of the Council on Medical Education and Hospitals of the American Medical Association. Bull. Am. Acad. Ophth. Otol., 1939, 8: 22.—**Wile, I. S.** Social psychiatry and mobilization for human needs. Am. Med., 1931, 40: 420-8.—**William, M.** Health service and the public; an examination of conflicting social philosophies. J. N. York Acad. Dent., 1935, 2: 1-17.—**Williams, L. C.** Where do we belong in the scheme of things. J. Oklahoma M. Ass., 1927, 20: 121-3.—**Wise, W. D.** A workman that needeth not to be ashamed. Bull. School M. Univ. Maryland, 1939, 24: 41-51.—**Young, W. W.** The need for broader conceptions in medicine. South. M. J., 1934, 27: 1017-9.

Organization, voluntary.

See also subheadings Hospital service; Sick-ness insurance.

Acuña, P. S. Empresas o asociaciones de asistencia médica. In his Un rimero d. verd., 2. ed., B. Air., 1938, 153-6.—**Baudouin, G.** L'Association pour le développement de l'assistance aux malades et l'Ecole professionnelle de la rue Amyot. Hygiène, Par., 1910, No. 5, 14-9.—**Davis, M. M.** The voluntary agency in a democracy. Pub. Health Nurs., 1939, 31: 192-6.—**Duhamel, G.** Remarques sur les professions de charité. Progr. méd., Par., 1937, 1767-71. Also Labor méd., Méx., 1938, 6: 128-30.—**Ewing, S.** Comprehensive planning of medical care; the responsibility of the welfare agency. J. M. Soc. N. Jersey, 1938, 35: 416-9.—**Hecke, W.** Die 17. Fürsorgetagung der Oesterreichischen Gesellschaft für Bevölkerungspolitik und Fürsorgewesen. Münch. med. Wschr., 1936, 83: 1072-4.—**Joachim, M. A.** The socio-legal aspects of charitable institutions. Hosp. Progr., 1940, 21: 76-8.—**López Rovirosa, G.** Necesidad de conocer el estado legal de todas las instituciones benéficas. Arch. rev. hosp., Habana, 1937, 4: 245.—**Morris, C.** Hospital almoners. S. Thomas Hosp. Gaz., Lond., 1937-38, 36: 238-41.—**O'Grady, J.** The use of private agencies in public functions. Bull. Am. Hosp. Ass., 1935, 9: 40-3.—**Weiss, J.** The solution of the lodge and society problem of the East Side. Med. Rec., N. Y., 1908, 73: 603-5.

Organization—in corporations.

See also names of special groups as **Factory, Medical service; Government employee; Railway man, &c.**

CARPENTER, N. Medical care for 15,000 workers and their families; a survey of the Endicott Johnson Workers Medical Service, 1928. 96p. 8°. Wash. [1930]

DETRIEUX, H. *Les œuvres sociales dans la grande industrie en France (prévoyance sanitaire et organisation médicale) 132p. 8°. Par., 1929.

FALK, I. S., GRISWOLD, D. M., & SPICER, H. I. A community medical service organized under industrial auspices in Roanoke Rapids, North Carolina. 105p. 8°. Chic. [1932]

REED, L. S. The medical service of the Homestake Mining Company; a survey of a community medical service operated under industrial auspices. 54p. 8°. Chic. [1932]

UNITED STATES NATIONAL INDUSTRIAL CONFERENCE BOARD. Medical care of industrial workers. 112p. 8°. N. Y., 1926.

Barrow, W. Methods of utilizing medical service in industrial businesses. J. R. San. Inst., 1937-38, 58: 271-80.—**Brown, R. E.** An experiment in group hospitalization and complete medical service for an educational and an industrial group. Chin. M. J., 1937, 52: 694-8.—**Bürgers, T. J.** Die Gesundheitspflege auf der Gesolei. Umschau, 1926, 30: 591.—**Bulmer, F. M. R.** Industrial medical service in peace and war. Canad. Pub. Health J., 1940, 31: 111-9.—**Carey, T. S.** The cost of industrial medical care. California West. M., 1936, 44: 481-4.—**Carozzi, L.** Il servizio medico nell'industria nord-americana appunti di viaggio. Fol. med., Nap., 1939, 25: 653-61.—**Cheney, V. S.** The organization of an industrial medical department. Surg. Gyn. Obst., 1930, 50: 319-21.—**Davis, M. M.** Do corporations practice medicine? Proc. Congr. M. Educ., 1932, 88-92. Also repr.—**Deal, D.** Medical organization in industry. Illinois M. J., 1933, 64: 365-71.—**De Jesus, P. I.** Medical service in industry. J. Philippine Island M. Ass., 1933, 13: 289-307.—**Emmons, A. B.** Health and medical work in department stores. Proc. Nat. Conf. Social Work, 1922, 49: 195-8.—**Fisher, H. E.** The medical department manual; the complete handbook of organization,

operation and routines representing actual experience and practice of 20 years. *Indust. M.*, 1924, 3: 97; 150.—**Funkhouser, E. K.** Philadelphia establishes medical service in industry. *Nation's Health*, Chic., 1924, 6: 753.—**Geier, O. P.** Economic progress in medicine. *Mod. Med.*, Chic., 1919, 1: 201.—**Gillersleeve, D. M.** The Medical Department at E. W. Bliss Company. *Ibid.*, 1920, 2: 559-61.—**Glazebrook, F. H.** Industry's contribution to the cost of medical care; a plan for public distribution of medical service at reasonable rates. *J. M. Soc. N. Jersey*, 1935, 32: 148-56.—**Hunter, D.** Medical service in industry. *Lancet*, Lond., 1941, 1: 1-3.—**Industrial establishments** conducting medical services which are approved by the College. *Bull. Am. Coll. Surgeons*, 1937, 22: 359; 1940, 25: 671.—**Industrial (An) medical service.** *Lancet*, Lond., 1919, 1: 1129.—**Jeffers, W. M.** Importance of a medical department in industry. *Indust. M.*, 1941, 10: 58.—**Kemper, J. S.** What business expects of the medical profession. *Surg. Gyn. Obst.*, 1930, 50: 339-41.—**Kesteven, H. L.** The medical industrial efficiency department. *Med. J. Australia*, 1941, 1: 72-4.—**Lemon, C. H.** How industrial medicine is extended through Mutual Benefit Associations. *Mod. Med.*, Chic., 1919, 1: 406-9.—**Leven, A. S.** Organized industrial medicine: what has it to offer industry and insurance carriers? *Indust. M.*, 1938, 7: 36-9.—**Massey, R. V.** Value of medical department to industry and its needs. *Surg. Gyn. Obst.*, 1930, 50: 334.—**Medical care of workers in defense industries.** *Med. Care*, 1941, 1: 78-80.—**Medical service in industry;** a statistical outline—with some reference to costs and economic returns. *Indust. M.*, 1932, 1: 38-40. Also *J. Am. M. Ass.*, 1940, 115: 1099.—**Mitchell, A. M.** The scope of medical services in industry. *Canad. Pub. Health J.*, 1939, 30: 521-3.—**Moore, W. C.** Industrial medicine and medical ethics; the work of the medical department of the Chesapeake and Potomac Telephone Company. *Med. Ann. District of Columbia*, 1935, 4: 77; 92.—**Nikolski, D. P.** [Reorganization of factory medicine] *Russ. vrach*, 1905, 4: 1346-51.—**Newquist, M. N.** 1932 surveys of medical service in industry. *Surg. Gyn. Obst.*, 1933, 56: 541.—**Ordway, W. H.** Sanatorium care of sick employees of the Metropolitan Life Insurance Company. *Tubercle*, Lond., 1927-28, 9: 520-32, pl.—**Pariset, J.** Tâches présentes et futures du service médical universitaire. *Rev. hyg. méd. social.*, Par., 1939, 18: 193-201.—**Peterson, C. M.** Organized medicine and industrial health. *Minnesota M.*, 1940, 23: 383-6.—**Prendergast, J. J.** Industrial medical department organization. *Am. J. Pub. Health*, 1939, 29: 641-4.—**Rickcord, R. V.** Value of medical department to industry and its needs. *Surg. Gyn. Obst.*, 1930, 50: 336-8.—**Seeger, S. J.** Relationships of industrial medicine to private practice. *Indust. M.*, 1940, 9: 66-9.—**Solmi, A.** Istituzione e funzioni delle corporazioni. *Riv. crit. infortunisti*, 1934, 24: 1; 47.—**Spolyar, L. W.** Medical service in Indiana industries. *J. Indiana M. Ass.*, 1940, 33: 176-8.—[State] Industrial commission disburses \$2,612,378.38 for medical service in 1939, annual report of actuary shows. *Ohio M. J.*, 1940, 36: 1008-11.—**Swope, S. D.** Medical and surgical service in the industrial world. *Southwest. M.*, 1927, 11: 111.—**Turner, J. A.** Medical costs in industry; how management can definitely control them. *Indust. M.*, 1933, 2: 14-7.—**Warnshuis, F. C.** The practice of medicine by corporations; a partial survey and study of problems involved. *Proc. Congr. M. Educ.*, 1932, 72-5.—**Watkins, J. A.** The experience of the Medical Department at Nitro. *Va. Mod. Med.*, Chic., 1920, 2: 432-8.—**Westervelt, M. Z.** The medical department in industry. *Nation's Health*, Chic., 1921, 3: 457-61.—**Williamson, E. W.** Summary of a survey of medical and surgical service in industry in Northwestern United States. *Surg. Gyn. Obst.*, 1933, 56: 539-41.

— Pediatric, and child-welfare service.

See Child-welfare; Infant-welfare; Maternity.

— Personnel.

See also subheadings Health promotion service; Nursing service; State medicine, Health personnel.

Carulla, M. Generalidades sobre la preparación técnica del personal dedicado a las labores de asistencia social en Colombia. *Rev. med. cir.*, Barranquilla, 1940, 7: No. 12, 36-44.—**Connor, L.** The layman occupancy of large patches in the field of medical practice. *J. Michigan M. Soc.*, 1909, 8: 122-7.—**Dohrn, K.** Hebammen und Fürsorgerin (die Mitarbeit der Hebammen in der Gesundheitsfürsorge) *Fortssch Gesundheitsf.*, 1928, 2: 345-7.—**Vorschriften** über die staatliche Prüfung und Anerkennung von Volkspflegern und Volkspflegerinnen. *Reichsgesundhbl.*, 1935, 10: 88.

— Personnel: Physician [including Contract practice]

BOUCHART, R. *Le médecin d'usine. 72p. 25cm. Par., 1938.

[GERMANY] REICHS- UND PREUSSISCHES ARBEITSMINISTERIUM. Der gewerbeärztliche Dienst in den Jahren 1935 und 1936. 240p. 24½cm. Lpz., 1938.

SAHUQUE, J. S. *Contribution à la médecine industrielle: le médecin d'usine. 31p. 23½cm. Par., 1939.

Addison, W. L. T. The physician in industry. *Canad. M. Ass. J.*, 1926, 16: 272-5.—**Alleman, H. M.** Contract practice. *Pennsylvania M. J.*, 1905-6, 9: 732-4.—**Authority** of agent of corporation furnishing offices to clinic to guarantee income to physician [Arizona] *J. Am. M. Ass.*, 1938, 110: 73.—**Barnett, B.** Contract practice in South America. *S. Barth. Hosp. J.*, Lond., 1934, 41: 192.—**Bary, de.** Freie Arztwahl und Vertrauensarzt in der Wohlfahrtspflege. *Zschr. Schulgesundh.*, 1929, 42: 33-8.—**Benedict, A. L.** [et al.] Contract practice symposium] *Bull. Am. Acad. M.*, 1909, 10: 580-640.—**Black, S. O.** Contract practice, for and against. *Internat. J. M. & S.*, 1933, 46: 273-6.—**Brammer, F. E.** Contract practice. *West Virginia M. J.*, 1935, 31: 215-21.—**Castellain, H. G. P.** The industrial medical officer and his work. *J. State M.*, Lond., 1930, 38: 655-65.—**Clark, W. I.** The industrial physician. *Canad. M. Ass. J.*, 1926, 16: 269-72.—**Collisi, H. S.** The relation between the physician and industry. *J. Michigan M. Soc.*, 1930, 29: 904-9.—**Colomb, B. A.** Contract medical practice. *N. Orleans M. & S. J.*, 1904-5, 57: 459-65.—**Contract practice.** *Lancet*, Lond., 1935, 2: 255.—**Contract practice in Alberta.** *Canad. M. Ass. J.*, 1936, 35: 321.—**Contract practice in Oregon.** *J. Am. M. Ass.*, 1937, 109: 94B-96B.—**Contract practice and the code of ethics.** *Pennsylvania M. J.*, 1935-36, 39: 269.—**Definition** of contract practice. *Pittsburg M. Bull.*, 1934, 23: 53.—**Doctor (The)** in the factory. *Lancet*, Lond., 1940, 2: 706.—**Doctors in industry.** *Ibid.*, 233.—**Ethical (On the)** status of hospital associations, railroad or other, engaged in the practice of medicine, and also the ethical status of physicians engaged by these institutions. *Week. Bull. S. Louis M. Soc.*, 1936-37, 31: 3-6.—**Faxon, W. C.** The relations of medical examiners to accident, health and liability companies. *Med. Exam. Pract.*, 1908, 19: 206-12.—**Fitzsimmons, J. F.** Contract practice. *Ohio M. J.*, 1905, 1: 219-24.—**Florschütz, G.** Der Arzt bei Privatversicherungen. *Aerzt. Rechtsk.*, Jena, 1907, 131-61. Also *Zschr. ärztl. Fortbild.*, 1905, 2: 68-78.—**Follansbee, G. E.** Contract practice: the octopus of medicine. *Am. M. Ass. Bull.*, 1932, 27: 214-7.—**Gewerbeärztlicher Dienst** bei der Durchführung der Dritten Verordnung über die Ausdehnung der Unfallversicherung auf Berufskrankheiten. *Reichsgesundhbl.*, 1937, 12: 316.—**Harris, M. L.** The general practitioner in the medical scheme. *J. Am. M. Ass.*, 1928, 91: 1683-6.—**Hogan, G. A.** The contract doctor. *Tr. M. Ass. Alabama*, 1905, 451-62.—**Indigent contract.** *J. Kansas M. Soc.*, 1940, 41: 345-7.—**Industrial and practicing physicians.** *J. Am. M. Ass.*, 1937, 109: 293B.—**Interesting decision** by judicial council, A. M. A., sets a precedent in regard to types of contract practice. *J. Michigan M. Soc.*, 1933, 32: 259-68.—**Kennedy, D. R., & Neustadt, R. M.** The proper executive function of the industrial physician. *J. Indust. Hyg.*, 1919-20, 1: 428-34.—**Klaassen, W.** Das Verhältnis des Arztes zur Berufsgenossenschaft. *Mschr. Unfallh.*, 1939, 46: 3-14.—**Lane, R. E.** Whole-time factory doctors. *Lancet*, Lond., 1940, 2: 246.—**Lauffer, J.** Ethical and legal restrictions on contract and corporate practice of medicine. In *Law & Contemp. Probl.* (Duke Univ.) 1939, 6: No. 4, 516-27.—**Lawrance, L.** Dollar-a-month doctor. *Hygeia*, Chic., 1939, 17: 875-80.—**Lazenby, A. D.** The physician in industry. *Indust. M.*, 1938, 7: 543-8.—**Legal right** of a corporation to practice medicine; opinion of the Supreme Court of the state of California. *California West. M.*, 1938, 49: 306-8.—**Leland, R. G.** Contract practice. *Proc. Congr. M. Educ.*, 1932, 75-83. Also *California West. M.*, 1932, 36: 234-41. Also *J. Am. M. Ass.*, 1932, 98: 808-15.—**Some phases of contract practice;** an outline of some important questions which deserve immediate consideration. *Am. M. Ass. Bull.*, 1932, 27: 142.—**Some dangers of contract practice.** *Ibid.*, 217-24.—**Some phases of contract practice;** an outline of some important questions which deserve immediate consideration. *West Virginia M. J.*, 1933, 29: 78; 133; 180.—**LeSage.** Médecins et conseils municipaux. *Union méd. Canada*, 1934, 63: 315-7.—**Lewis, T. K.** A study of contract practice and dispensary abuses. *J. M. Soc. N. Jersey*, 1934, 31: 383-9.—**Likes, L. E.** New Deal medicine man. *Rocky Mountain M. J.*, 1940, 37: 824-30.—**MacGregor, D. A.** Contract practice in West Virginia. *Am. M. Ass. Bull.*, 1932, 27: 224-54.—**Mayer, W. E.** Contract practice. *Illinois Dent. J.*, 1934, 3: 7-11.—**Medical practice acts;** contracts to pay for medical services rendered by physicians selected by corporation as the corporate practice of medicine. *J. Am. M. Ass.*, 1939, 113: 621.—**Medical (The)** profession and local authorities. *Brit. M. J.*, 1937, 1: Suppl., 150.—**Meeting of Medico-political committee;** private and contract practice. *Ibid.*, 1938, 1: Suppl., 168.—**Moreles, M. N.** The industrial physician; his duties and responsibilities. *J. Philippine Islands M. Ass.*, 1939, 19: 297-300.—**Mostly** about contract medicine; notes from the Annual Conference of Secretaries of Constituent State Medical Association, 1932. *Indust. M.*, 1932, 1: 174-9.—**Noland, L.** The status and function of the industrial physician. *J. M. Ass. Georgia*, 1940, 29: 525-7.—**Ochsner, A.** Group hospitalization pays doctors' fees. *Mod. Hosp.*, 1936, 46: No. 4, 74.—**Open (The)** choice method for public assistance patients; success of Newcastle experiment. *Brit. M. J.*, 1935, 1: Suppl., 125.—**Opportunities in industry;** qualifications and training of the industrial doctor. *Med. Econom.*, 1940-41, 18: No. 4, 59-61.—**Peters, W. H.** What is the public practice

of medicine? *Proc. Nat. Conf. Social Work*, 1926, 53: 228-33.—**Peytel, A.** La responsabilité contractuelle des médecins; un arrêt de principe. *Paris méd.*, 1937, 104: annexe, 328; 397.—**Political (The) doctors.** *Illinois M. J.*, 1940, 78: 193-5.—**Reed, C. B.** Corporate practice. *Ibid.*, 1935, 68: 103-6; 1936, 70: 313-9.—**Rott, F.** Der Ausgleich zwischen Fürsorgearzt und praktischem Arzt. *Deut. med. Wschr.*, 1927, 53: 1785; 1830; 1863.—**Rubenstein, I. H.** The maintenance of an industrial medical department, as corporate practice of medicine. *Indust. M.*, 1939, 8: 410-6.—**Sappington, C. O.** The industrial physician; what he is thought to be; what he is and should be; and what he can be. *Ibid.*, 1934, 3: 1-6. — & **Marbaker, N. D.** The industrial physician and the general practitioner. *J. Am. M. Ass.*, 1930, 95: 1955-7.—**Saunders, W. H.** Contract and club practice. *Wisconsin M. J.*, 1906-7, 5: 180-3.—**Sayer, H. D.** What the state expects of the industrial physician. *Albany M. Ann.*, 1922, 43: 1-7.—**Schlager, M.** Der angestellte Arzt. *Med. Welt*, 1937, 11: 222.—**Schram, C. F. N.** The relationship which should exist between the industrial physician and the private practitioner of medicine. *J. Tennessee M. Ass.*, 1939, 32: 350-3.—**Selby, C. D.** Relationship of industrial medicine to private practice. *N. York State J. M.*, 1939, 39: 896-9.—**Simmons, J. W.** Some ethical and legal aspects of industrial practice. *J. M. Ass. Georgia*, 1939, 28: 312-6.—**Smith, R. E.** Contract practice. *Kentucky M. J.*, 1936, 34: 131-8.—**Snedecor, S. T.** Contract practice. *J. M. Soc. N. Jersey*, 1938, 35: 202-5.—**Standards for private group contract practice.** *J. Am. M. Ass.*, 1941, 116: 57.—**State and contract medicine.** *Ibid.*, 1939, 112: 1835.—**State recognition for the works doctor.** *Brit. M. J.*, 1940, 2: 291.—**Stephani.** Zur Fürsorgearztfrage. *Aerzt. Mitt.*, 1927, 28: 681.—**Tate, R. P.** Contract practice for liability insurance companies. *Lancet Clinic*, 1906, n. ser., 56: 151-8.—**Tronstein, A. J.** Physician's duties and relationships in industry. *Ohio M. J.*, 1939, 35: 281-7.—**Van Leer, S. A.** De geneskundigen en het arbeidscontract. *Med. wbl.*, *Amst.*, 1908-9, 15: 541-4.—**Vosburgh, B. L.** Industrial medical practice; some essentials. *Indust. M.*, 1939, 8: 457-9.—**Walker, R. H.** Contract mine doctors. *West Virginia M. J.*, 1934, 30: 423.—**Warnshuis, F. C.** The practice of medicine by corporations; a partial survey and study of problems involved. *J. Michigan M. Soc.*, 1932, 31: 259-66.—**Warnshuis, G. J.** A living for the doctor; medical service by contract. *Clin. M. & S.*, 1935, 42: 296-8.—**Watkins, J. A.** The training of industrial physicians. *Ohio M. J.*, 1920, 16: 903-5.—**Wright, W.** The consultant in industrial medical service. *Nation's Health*, *Chic.*, 1921, 3: 508.—**Wyman, E.** The physician's responsibility in industrial work. *J. Kansas M. Soc.*, 1940, 41: 453-6.—**Zierath, W. F.** Contract practice. *Wisconsin M. J.*, 1907-8, 6: 148-63.

Personnel: Physician, communal.

Gütt, A., CONTI, L. [et al.] Der Amtsarzt; ein Nachschlagewerk für Medizinal- und Verwaltungsbeamte. 767p. 8°. Jena, 1936.

KLEIN, W. Deckblätter zu der Amtsarzt. 1.-4. Folge; abgeschlossen am 1. 8. 1936-1. 4. 1937. 4 pts. 8°. Jena, 1936-37.

ROREM, C. R. The municipal doctor system in rural Saskatchewan. 84p. 8°. *Chic.* [1931]

Arrêté du 13 avril 1934 fixant le statut des médecins de colonisation. *Bull. san. Algérie*, 1934, 29: 446-64.—**Cornish, A. L.** Experiences of a municipal doctor. *Messenger*, 1936, 33, 3: 193.—**Dansauer.** Grundsätzliches zur Stellung des beamteten Arztes. *Zschr. Medbeamte*, 1930, 43: 149-60.—**FitzGerald, J. G.** The municipal physician system in operation in the Provinces of Manitoba and Saskatchewan. *Stud. Connaught Lab.*, 1933-34, 6: No. 8.—**Geiger, A. J.** Jobs in the civil service. *Med. Econom.*, 1938, 16: 24-8.—**Gottstein, A.** Die Regelung des gemeindeärztlichen Dienstes. *Soziale Med. Hyg.*, 1910, 5: 108-20.—**Hommelsheim.** Der Amtsarzt als Volksarzt. *Oeff. Gesundheitsd.*, 1938-39, 4: A 321-6.—**Korach, A.** Die Ausbildung der Kommunalärzte. *Zschr. Schulgesundh.*, 1926, 39: 300-6.—**Mazel, M. P.** Le médecin au service du pays. *J. méd. Lyon*, 1940, 21: 349-58.—**Mitchell, R.** The municipal doctor scheme; pro and con. *Internat. Clin.*, 1932, 42, ser., 4: 138-41.—**Rodewald & Schweers.** Gewinnung und Fortbildung des kommunalärztlichen Nachwuchses. *Deut. Zschr. öff. Gesundheitsd.*, 1929, 5: 3-21.—**Stampar.** Soziale Medizin und die Gemeindeärzte. *Orvosképzés*, 1933, 23: 195-210.—**Thygesen, S.** [Physicians and social medical offices] *Ugeskr. laeger*, 1939, 101: 943.—**Uhlir, P.** Auf der Suche nach Stadtärzten; Zwickauer Ratsprotokolle berichten. *Sudhoffs Arch.*, 1938, 31: 330-6.

Problems.

See also subheading Cost [&c.]

KINGSBURY, J. A. Health in handcuffs. 210p. 19½cm. N. Y. [1939]

ROSS, W. H. Problems in medical service. 87p. 8°. N. Y. [1931]

SOLOMON, C. The traffic in health. 393p. 8°. N. Y. [1937]

SYKES, J. F. J. Public health problems. 370p. 12°. Lond., 1892.

Benedict, S. R. The sanitary problems of the South. *J. Indust. Hyg.*, 1924-25, 6: 181-6.—**Bishop, E. L.** Public health at the cross-roads. *Am. J. Pub. Health*, 1935, 25: 1175-80.—**Boas, E. P.** Chronic diseases; a neglected community and institutional problem. *Med. J. & Rec.*, 1924, 120: 153-6.—**Braasch, W. F.** Impressions gained from the recent National Health Conference in Washington. *J. Maine M. Ass.*, 1939, 30: 7-11.—**Brown, W. H.** Public health a problem in distribution. *Am. J. Pub. Health*, 1935, 25: 1285-95.—**Bruce, H. A.** Sources of American discontent. *Proc. Am. Acad. Art. Sc.*, 1932, 67: 43-59.—**Burkhalter, I.** A layman's view of the problems that confront the medical profession. *Illinois M. J.*, 1935, 68: 110.—**Carter, F. G.** The problem of caring for the community sick. *Bull. Am. Hosp. Ass.*, 1935, 9: 48-54.—**Chapin, C. V.** Efficient medical service the chief health problem after the war. *Med. Off.*, Lond., 1918, 20: 162.—**Drew, C. A.** Some medical problems in the state's service. *Boston M. & S. J.*, 1907, 156: 2-6.—**Harbison, J. A.** Some present-day public health problems. *Med. Press & Circ.*, Lond., 1933, 191: 543-5. Also *Irish J. M. Sc.*, 1936, 6, ser., 1-6.—**Herrman, W. G.** Medical and hospital problems (an address before the American Hospital Association in Atlantic City) *Hospitals*, 1937, 11: No. 11, 22-4.—**Hoyde, B. J.** The health problems in public welfare. *Pittsburgh's Health*, 1937, 5: 13-5.—**Knopf, S. A.** Medicine and law in relation to the alcohol, venereal disease, and tuberculosis problems. *Med. Rec.*, N. Y., 1906, 69: 857-62 [Discussion] 902-6.—**McMillan, R. D.** Public indifference to physical welfare. *Health Bull.*, Raleigh, 1938, 53: No. 6, 9-13. Also *South. M. & S.*, 1938, 100: 164-7.—**Mauriac, P.** Entre l'homme traqué et la société, le médecin arbitre et défenseur. *Bruxelles méd.*, 1939-40, 20: Spec. No., 25-36.—**Medicosocial problems in New Zealand.** *J. Am. M. Ass.*, 1939, 113: 435.—**Menzies, F., Tanner, W. E.** [et al.] Recent problems in the health services. *J. R. Inst. Pub. Health*, 1939, 2: 213-20.—**Morrison, J. R.** Urgent medical problems. *Northwest M.*, 1938, 37: 312-4.—**New York Times (The)** sings a new tune. *J. Am. M. Ass.*, 1940, 114: 2311.—**O'Day, J. C.** The polyphemus. *Am. Med.*, 1926, n. ser., 21: 710-6.—**Oleson, R.** Public health and medical care problems of the Resettlement Administration. *Health Off.*, Wash., 1936, 1: 36.—**Osborn, F.** Population trends and public health problems. *Am. J. Pub. Health*, 1940, 30: 1331-6.—**Public health problems.** *Q. Bull. Health Org. League of Nat.*, 1936, 5: 768-84.—**Public health and social problems in the United States of America;** report by the participants on a study-tour arranged by the Health Organisation of the League of Nations and the United States Public Health Service, November 4th to December 7th, 1935. *Ibid.*, 1937-90.—**Salazar, M. M.** El problema social desde el punto de vista biológico. *Siglo méd.*, 1932, 89: 377.—**Tomanek, E.** [Social health problems in Slovakia] *Bratisl. lek. listy*, 1938, 18: 1-16.—**Van Eiten, N. B.** The doctor at the crossroads; physicians must be aroused from their civic adolescence. *J. Tennessee M. Ass.*, 1938, 31: 499-503.

Problem: Physicians' attitude.

AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE. PHILADELPHIA. The medical profession and the public; currents and counter-currents. 112p. 8°. Phila., 1934.

[UNITED STATES] NATIONAL PHYSICIANS' COMMITTEE FOR THE EXTENSION OF MEDICAL SERVICE. The Achilles heel of American medicine. 11p. 16½cm. *Chic.* [1939]

Abadie, J. L. El problema gremial; contestando. *Sem. méd.*, B. Air., 1938, 45: pt 2, 572; 1410.—**Abell, I.** Some of the problems confronting the medical profession. *J. Iowa M. Soc.*, 1939, 29: 479-85. — Medicine in the changing social order. *Kentucky M. J.*, 1938, 36: 128-33.—**Acta de la sesión solemne de 3 de diciembre de 1940, inaugural de la Asamblea Académica de estudio sobre los problemas de la Asistencia.** *Reforma méd.*, Lima, 1940, 26: 785-9.—**Adams, B. S.** Modern trends. *Minnesota M.*, 1940, 23: 459-62.—**Agnew, G. H.** Medical economics—a vexed question in American medical and hospital organizations. *Canad. M. Ass. J.*, 1934, 31: 546.—**Anderton, W. P.** Inaugural address, Medical society of the county of New York. *New York M. Week.*, 1940, 19: No. 7, Sect., 2, 3-6.—**Arveson, R. G.** The challenge to medicine. *Wisconsin M. J.*, 1939, 38: 857-63.—As Congress sees us. *Med. Econom.*, 1937-38, 15: No. 10, 32-6.—**Baer Bahia, A.** O medico no seculo da machina. *Brasil méd.*, 1939, 53: 611-3.—**Behan, R. J.** Physicians and social readjustments. *Pennsylvania M. J.*, 1936-37, 40: 430-2.—**Behrend, M.** The presidential address. *Ibid.*, 1934-35, 38: 1-4.—**Bigelow, L. L.** Social and economic problems affecting medical practice. *Ohio M. J.*, 1926, 22: 606-10.—**Birnie, J. M.** President's address. *Tr. N. England Surg. Soc.*, 1938, 21: 13-23.—**Bortree, L. W.** Presidential address. *Rocky Mountain M. J.*, 1938, 35: 764-70.—**Borzell, F. F.** Are we heading for the last round-up? *J. M. Soc. N. Jersey*, 1934, 31: 538-43. Also *Med. Searchlight*, 1934, 10: 9-16. — Lest we forget. *Pennsylvania M. J.*, 1940-41, 44: 13-7.—**Bosio, B.** Faltan o sobran médicos? *Sem. méd.*, B. Air., 1941, 48.

- 291-4.—**Bunker, W. H.** Our disordered profession. *J. Maine M. Ass.*, 1939, 30: 155-7.—**Burcham, T. A.** President's address. *J. Iowa M. Soc.*, 1936, 26: 331-5.—**Burfoot, A. M.** Our challenge and answer. *Virginia M. Month.*, 1936-37, 63: 166-71.—**Burnet, E.** La crise économique et la médecine. *Presse méd.*, 1935, 43: 194.—**Butler, A. M.** Some problems of American medicine. *Brit. M. J.*, 1939, 1: Suppl., 13: 25.—**Caldwell, B. W.** The economic crises that affect medical practice. *J. M. Ass. Alabama*, 1934-35, 4: 341-6.—**Carey, E. J.** The doctor and democracy. *Wisconsin M. J.*, 1940, 39: 915-23.—**Carter, R. M.** What about the future. *Ibid.*, 1935, 34: 713-9.—**Case (The)** for private practice. *Illinois M. J.*, 1940, 78: 272; 261.—**Coburn, C. O.** President's address (New Hampshire Medical Society, June 9, 1939). *N. England J. M.*, 1940, 222: 83-8.—**Conaway, W. P.** Impressions of the special meeting of the American Medical Association. *J. M. Soc. N. Jersey*, 1938, 35: 623.—**Cook, H.** Problems of medical care facing the medical profession. *J. Michigan M. Soc.*, 1938, 37: 879-82.—**Corbus, B. R.** Council responsibilities. *Ibid.*, 1934, 33: 123-5.—**Crookall, A. C.** Future medical demands. *Northwest M.*, 1937, 36: 295-7.—**Crownhart, J. G.** Statement submitted to the subcommittee of the Senate Committee on Education and Labor on S. 1620. *J. Tennessee M. Ass.*, 1939, 32: 192-4.—**Dark, E. P.** Medicine and the social order. *Med. J. Australia*, 1937, 1: 507-10.—**Davidson, H. J.** Economic problems of physicians of Washington. *Northwest M.*, 1935, 34: 18-21.—**Davidson, O. W.** Medical and dental problems. *J. Kansas M. Soc.*, 1936, 37: 200-7.—**Davie, M. S.** American medicine. *J. M. Ass. Alabama*, 1939-40, 9: 204-9.—**Davis, H.** Presidential address. *Nebraska M. J.*, 1938 23: 161-5.—**Davis, M. M.** Facts and issues regarding public medical care. *N. England J. M.*, 1938, 218: 143-7.—**Davis, N. S.** A challenge to the medical profession. *Clin. M. & S.*, 1932, 40: 221-4.—**Dixon, T.** The unfortunate predicament of the medical profession. *Med. Rec.*, N. Y., 1912, 82: 543.—**Drew, I. W.** The new social conscience. *J. Am. Osteopath. Ass.*, 1938-39, 38: 253.—**Dubó, J. E.** La lutte pour notre survivance économique. *Union méd. Canada*, 1939, 68: 1322-5.—**Dudgeon, H. R.** Has the private practice of medicine failed? *Texas J. M.*, 1937-38, 33: 79-83.—**Duncan, J. W.** Present problems confronting the medical profession. *Nebraska M. J.*, 1936, 21: 298-300.—**Eagleton, W. P.** Introductory report of the special session of the House of delegates, American Medical Association, Chicago, Ill., Sept. 16, 1938. *J. M. Soc. N. Jersey*, 1938, 35: 624-6.—**Emerson, K.** Responsibility of organized medicine in medical care. *Am. J. Pub. Health*, 1940, 30: 1171-6.—**Fegly, A. W.** An open letter on American medicine. *Med. Bull.*, Wichita, 1937, 7: 5-8.—**Fishbein, M.** The doctor and the state. In *The medical profession and the public* (Am. Acad. polit. and social science) 1934, 88-101.—**For a free profession.** *J. Am. M. Ass.*, 1938, 111: 2123.—**Foregone failure.** *N. York State J. M.*, 1939, 39: 1526.—**Garcia, G.** Maintaining our standard. *J. Philippine Island M. Ass.*, 1935, 15: 559-61.—**Garnett, R. W.** The community and medical economics. *Virginia M. Month.*, 1935-36, 62: 196-8.—**Genzenbach, W. von.** Arzt und Gesundheitspolitik. *Schweiz. med. Wschr.*, 1929, 59: 525-7.—**Hammond, R.** Social medicine and the doctor. *Rhode Island M. J.*, 1936, 19: 43-5.—**Hartwell, J. A.** Discussion of our economic problem. *J. M. Soc. N. Jersey*, 1933, 30: 532-40.—**Hassig, J. P.** Some medical problems. *J. Kansas M. Soc.*, 1935, 36: 221-5.—**Hayes, J. M.** Minnesota medical problems. *J. Lancet*, 1939, 59: 108-10.—**Heisel, C. D.** Address. *J. Med.*, Cincinnati, 1937-38, 18: 385-91, portr.—**Henderson, M. S.** President's letter. *Minnesota M.*, 1932, 15: 49, portr.—**Hertzog, L. S.** The medical economic situation. *J. Am. Inst. Homeop.*, 1939, 32: 685-91.—**Hess, E.** American medicine faces the future. *Ibid.*, 1940, 33: 458-61.—**Hess, E.** Quo vadis in medicine. *Dis. Chest*, 1939, 5: 21-6.—**Heyd, C. G.** Professional freedom and social responsibility. *J. Am. M. Ass.*, 1937, 108: 2011-3.—**Hibbard, C. D.** Looking forward. *Hospitals*, 1936, 10: No. 6, 51-3.—**Hoge, A. H.** What of our code? *West Virginia M. J.*, 1934, 30: 452-6.—**Hone, F. S.** Medical responsibility regarding national health. *Med. J. Australia*, 1925, 2: 245-57.—**Hunt, B. S.** Medical egoism vs. medical altruism. *Tr. Indiana M. Soc.*, 1906, 57: 174-9.—**Ives, L. C.** Medicine—what of the future? *Illinois M. J.*, 1933, 63: 355-62.—**Jahr, H. M.** Medical thought vs. modern sociological trends. *Nebraska M. J.*, 1935, 20: 165-70.—**Jamison, S. C.** Presidential address. *N. Orleans M. & S. J.*, 1934-35, 87: 737.—**Jenkins, J. S.** Exploitation of the medical profession. *J. Arkansas M. Soc.*, 1938-39, 35: 141-5.—**Joint and relative responsibility of the medical profession and the public in attacking the problem [medical care].** In *Am. Med. (Am. Found.) N. Y.*, 1937, 1: 111-23.—**Kirkwood, N. E.** Medicine and the social order. *Med. J. Australia*, 1937, 1: 767.—**Kreuscher, P. H.** The doctor and his community. *Illinois M. J.*, 1934, 65: 493-7.—**Leland, R. G.** Some causes of professional unrest. *J. Iowa M. Soc.*, 1934, 24: 603-7.—**Also J. Tennessee M. Ass., 1934, 27: 160-3.—**Changes confronting modern medicine.** *J. Lancet*, 1935, 55: 721-3.—**Liek, E.** Arzt und Volksgesundheit. *Munch. med. Wschr.*, 1926, 73: 112-6.—**McPhedran, H.** The development of the economic situation. *Canad. M. Ass. J.*, 1934, 30: 306.—**Manning, D. F.** Has the medical profession failed in its obligation to society? *J. Missouri M. Ass.*, 1939, 36: 248-50.—**Marchán, F.** El problema social del médico en el Ecuador. *An. Soc. méd. quir. Guayas*, 1932, 12: 239-60.—**Maurel, P.** Mystique. *Rev. gén. clin. thé.*, 1933, 47: Suppl., 420-2.—**Mayo, W. J.** The medical profession and the issues which confront it. *J. Am. M. Ass.*, 1906, 46: 1737-40. Also *Boston M. & S. J.*, 1906, 154: 607-71. Also *Science*, 1906, n. ser., 23: 897-904. Also *J. Minnesota M. Ass.*, 1906, 26: 239-44.—**Medical society of the District of Columbia informs the public.** *Med. Ann. District of Columbia*, 1938, 7: 65.—**Moore, L. E.** The social and business side of medicine. *Memphis M. Month.*, 1909, 29: 21-5.—**Morfit, J. C.** A message. *Week. Bull. S. Louis M. Soc.*, 1934, 29: 246-9.—**Morgan, C. G.** Some difficult medical problems. *West Virginia M. J.*, 1936, 32: 293-300.—**Morrison, J. B.** Are we approaching a new era in medicine? *J. M. Soc. N. Jersey*, 1933, 30: 525-32.—**Napier, F. H.** Presidential address. *J. M. Ass. S. Africa*, 1931, 5: 587-91.—**Nation's (The)** news. *Week. Roster, Phila.*, 1938-39, 34: 3-9.—**Neal, J. R.** Medicine and the changing social order. *Illinois M. J.*, 1933, 63: 506-13.—**Need of defining the objective [medical care].** In *Am. Med. (Am. Found.) N. Y.*, 1937, 1: 63-78.—**Noblin, J. A.** Some national problems of today that are of special interest to the medical profession. *Virginia M. Month.*, 1934, 61: 224-6.—**Opinions regarding medical care.** *Elect. M. J.*, 1935, 95: 27-33.—**Otrich, G. C.** President's address. *Southern Illinois Medical Society*, 1937. *Illinois M. J.*, 1939, 75: 351.—**Palmer, J. G.** Upon the medical profession rests man's redemption. *Alabama M. J.*, 1911, 24: 235-49.—**Peebles, A.** The economic problems facing the medical profession; a consideration of the final report of the committee on the Costs of Medical Care, Washington, D. C. *Canad. J. M. & S.*, 1934, 75: 7-17.—**Pisula, V. P.** Profit and loss of modern medicine. *Pennsylvania M. J.*, 1933, 36: 917-21.—**Press comment on the special session of the House of delegates.** *J. Am. M. Ass.*, 1938, 111: 1473.—**Proceeding of the House of delegates of the 52nd annual meeting of the North Dakota State Medical Association, Fargo, North Dakota, Monday, May 8, 1939. *J. Lancet*, 1939, 59: 329-416.—**Ray, D. C.** Neglected professional duties. *Northwest M.*, 1937, 36: 333.—**Reed, C. B.** A survey of the medical situation. *Illinois M. J.*, 1935, 67: 506-12.—**Report of special committee appointed on authorization of the House of delegates of the American Medical Association to confer with representatives of the Federal government. *J. Tennessee M. Ass.*, 1938, 31: 496-8.—**Richardson, C. H.** The problems of present day medicine. *J. M. Ass. Georgia*, 1934, 23: 203-10.—**Rist, E.** Le rôle social du médecin. *Presse méd.*, 1935, 43: 834-7.—**Ritzhaupt, L. H.** Shall we destroy medical protection for selfish gain? *J. Oklahoma M. Ass.*, 1938, 31: 46-51.—**Rock, T. F.** Questions before the medical profession. *N. England J. M.*, 1935, 212: 341-3.—**Ruskin, A.** The economic and social aspects of the practice of medicine. *Med. Bull.*, 1936, 1: 5-8.—**Russ, W. B.** The philosophy of the New Deal, a world problem; a doctor's point of view. *Texas J. M.*, 1940-41, 36: 323-7.—**Sargent, J. C.** The challenge to the medical profession. *Ohio M. J.*, 1938, 34: 513-20.—**Saunders, B.** The great professional problem of the present decade. *Tr. South. Surg. Gyn. Ass.*, 1915, 28: 1-11.—**Sawyer, W. H.** Altruism in medicine. *J. Michigan M. Soc.*, 1913, 12: 67-70.—**Sethman, H. T.** The last 10 years and the outlook. *Rocky Mountain M. J.*, 1939, 36: 778-89.—**Sherman, E. S.** Discussion of our economic problem. *J. M. Soc. N. Jersey*, 1933, 30: 540-2.—**Shipstead, H.** Professional service and the public trust. *Minnesota M.*, 1939, 22: 701-3.—**Shoulders, H. H.** What is the future of medical practice? *J. Tennessee M. Ass.*, 1924-25, 17: 213-6.—**Sigerist, H. E.** L'innocence actuelle dans le monde médical. *Schweiz. med. Wschr.*, 1935, 65: 1007-10.—**The medical student and the social problems confronting medicine today.** *Med. Bull.*, 1936, 1: No. 2, 3-10.—**Sleyster, R.** This national medical problem. *Kansas City M. J.*, 1939, 15: No. 11, 10-2.—**Sloan, M. W.** The physician and the present economic situation. *Hahnemann M. Month.*, 1934, 69: 132-6.—**Smith, F. B.** The profession of medicine and its relation to the State. *Maryland M. J.*, 1911, 54: 133-9.—**Spanie, A.** La crisi della medicina. *Gior. venet. sc. med.*, 1940, 14: 237-72.—**Speed, H. K.** Things that are or should be. *J. Connecticut M. Soc.*, 1938, 2: 364.—**Stahl, A.** Impressions at Chicago. *J. M. Soc. N. Jersey*, 1938, 35: 619.—**Stone, C. T.** A physician views the changing era. *Texas J. M.*, 1934, 30: 221-5.—**Sudler, M. T.** The relation of the medical profession to medical institutions and the State. *J. Kansas M. Soc.*, 1910, 10: 379-84.—**Swindells, S. W., & Brock, A. J.** Medicine in a changing world. *Brit. M. J.*, 1941, 1: 172.—**Synder, H. L.** President's address. *J. Kansas M. Soc.*, 1937, 38: 237-40.—**Taylor, F. W.** Some problems of the medical profession. *Northwest M.*, 1912, n. ser., 4: 1-5.—**Thewlis, M. W.** The new deal in medicine. *Rhode Island M. J.*, 1935, 18: 165.—**Toland, C. G.** Organized medicine in California; some of its problems. *California West. M.*, 1935, 42: 409-12.—**Townsend, T. M.** Has medicine met its challenge? *Diplomate*, 1933, 5: 39-46.—**Tropano, G.** Gli interessi dei medici in rapporto alla medicina sociale. *Med. sociale, Nap.*, 1934, 24: No. 9, 5-9.—**Van Etten, N. B.** The doctor at the crossroads. *J. M. Soc. N. Jersey*, 1939, 36: 434-7.—**Van Meter, S. D.** The shortcomings of the medical profession. *Colorado M.*, 1927, 24: 46-52.—**Villacorta, O. L.** Economic problems of the medical practitioner. *J. Philippine Island M. Ass.*, 1934, 14: 55-61.—**Vinecent, G. E.** The doctor and the changing order. *Bull. N. York Acad. M.*, 1926, 2, ser., 2: 6-14.—**Walker, R. A.** Some present day problems confronting the medical profession. *J. Michigan M. Soc.*, 1922, 21: 75-8.—**Ward, R. J.** Evolution or revolution. *N. England J. M.*, 1935, 213: 757-60.—**Weiss, M.** Dollarless doctors and penniless patients. *Med. Rev. of Rev.*, 1935, 41: 150-60.—**West, O.** The economic trend in medicine; what is it? *Minnesota M.*, 1931, 14: 121-3.—******

Whalen, C. J. The outlook for the medical profession from legislative and economic viewpoints. *Illinois M. J.*, 1911, 20: 326-36. — What does the new revolution portend for medicine? *Ibid.*, 1940, 78: 3-5. — Wiesinger, A. Muss das so sein? *Vertrauensarzt*, 1939, 7: 9-12. — Wolfe, R. Cross roads in medicine. *West Virginia M. J.*, 1934, 30: 260-4. — Woodworth, W. P. Medical economic problems. *J. Michigan M. Soc.*, 1939, 38: 331-3. — Zwick, K. G. On no-pay, part-pay and charity patients and the doctor. *J. Med.*, *Cincin.*, 1933-36, 16: 33.

— Psychiatric and mental hygiene service.

See Behavior; Character; Mental deficiency; Psychosis, &c.

— Research opportunities.

Bigelow, L. L. The future of scientific medicine; a problem of public concern. *West Virginia M. J.*, 1927, 23: 1-11. — Davis, M. M. Social medicine as a field for social research. *Am. J. Sociol.*, 1938-39, 44: 274-9. — Newman, G. Health insurance and medical research. In his *Building Nat. Health*, *London*, 1939, 390-421, *passim*. — Pometti, D. L'assicurazione sociale quale elemento di progresso della scienza medica. *Schweiz. med. Wschr.*, 1920, 50: 597. — Smith, T. The influence of research in bringing into closer relationship the practice of medicine and public health activities. *Am. J. M. Sc.*, 1929, 178: 741-7. — Snow, W. F. Contributions to medical science developed under the auspices of the United States Interdepartmental Social Hygiene Board. *Am. J. Trop. M.*, 1921, 1: 97-108.

— Rural service.

See also Village.

MUSTARD, H. S. Rural health practice. 603p. 8° N. Y., 1936.

Also *Illinois Health Mess.*, 1939, 11: 40-3.

Applewhite, C. C. The rural health movement. *J. S. Carolina M. Ass.*, 1934, 30: 123-7. — Artwiński, E. [Medical aid in Polish villages] *Polska gaz. lek.*, 1938, 17: 101. — Barsukov, M. [Village medicine] *Belaruss. med. dumka*, 1925, 2: 11-20. — [Health protection in villages and the peasant woman] *Ibid.*, 33-8. — Belatti, E. L'evoluzione rurale e il problema igienico sanitario. *Riv. Soc. ital. igiene*, 1940, 62: 123. — Burton, A. W. A medical service for natives in rural areas. *J. M. Ass. S. Africa*, 1931, 5: 303-7. — Cieszyński, F. K. [Care of health in the villages] *Med. prakt.*, Poznan, 1932, 6: 32; 1934, 8: 278. — Crittenden, C. B., & Skaggs, L. Influence on public health progress of inadequate medical services on the rural population. *South. M. J.*, 1940, 33: 1092-7. — Crooks, C. H. The problem of rural surgical and obstetrical service. *The Far East. Ass. Trop. M.*, 1930, 1: 253-61. — Davidson, J. F. Present-day health problems in a rural area. *J. State M.*, *London*, 1935, 43: 92-101. — Dickinson, L. J. Hospital service for rural America. *Mod. Hosp.*, 1936, 46: No. 3, 44. — Dinwiddie, C. Contributions of demonstrations to rural programs. *Nation's Health*, *Chic.*, 1927, 9: No. 7, 10; 70. — Drigalski, W. von. Probleme der Gesundheitspflege auf dem Lande. *Med. Welt*, 1932, 6: 27-9. — Dronsart, E., & Anet, P. Soins aux malades et protection de la santé dans les régions rurales. *Nosokomeion*, *Stuttg.*, 1934, 5: 40-6. — Epler, B. N. Some social and medical problems of an isolated region. *South. M. & S.*, 1931, 93: 233-7. — Fenner, K. Die Gesundheitsfürsorge auf dem Lande. *Oeff. Gesundheitsdienst*, 1935, 1: B, 128-30. — Frenkel, I. A., Tapelson, S. L., & Rodov, I. A. [Protection of health in the rural districts in Soviet Russia during the third five-year plan] *Sovet. vrach. J.*, 1937, 1231-50. — Giltner, W. Veterinary service in rural public health. *Vet. Med.*, *Chic.*, 1935, 30: 282-8. — Gorfunkel, R. [Free medical and pharmaceutical aid to the village] *Belaruss. med. dumka*, 1925, 2: 97-8. — Grenolleau, L. L'assistante sociale en milieu rural. *Rev. hyg.*, *Par.*, 1939, 61: 21-9. — Guck, V. T. [Prophylactic work in medical rural districts] *Sovet. med.*, 1940, No. 7, 47. — Hay-Michel, A. Medical services for rural areas. *J. M. Ass. S. Africa*, 1931, 5: 555-8. — Hershey, E. P., & Daily, E. F. Special problems of rural areas; need for maternity and infant care. *Mod. Hosp.*, 1939, 52: No. 4, 60-5. — Honn, W. M. Rural medical endeavor. *J. Am. Inst. Homeop.*, 1934, 27: 106-8. — Ingram, W. T. Public health engineering and sanitation service in a rural-urban area. *Am. J. Pub. Health*, 1939, 29: 655-63. — Johan, B. [Hygienearbeit am Dorf] *Orsz. Közegészs. Int. közl.*, 1934, 7: No. 13. — Kun, L. [Problems of social hygiene in villages inhabited by different nationalities] *Népegészségügy*, 1939, 20: 1097-104. — Laughinghouse, C. O'H. County health work; a critical analysis. *J. Am. M. Ass.*, 1927, 89: 2181-3. — Lekarev, L. G. [Health protection in rural districts] *Radianska med.*, 1940, 5: No. 7, 9-12. — Levin, Z. [Medical treatment in Jewish villages of White Russia] *Belaruss. med. dumka*, 1925-26, 2: 10; 134. — McCullough, J. W. S. The improvement of health in rural municipalities. *Pub. Health J.*, *Toronto*, 1927, 18: 235-9. — Marriott, J. Public cleansing in rural and small urban districts. *J. R. San. Inst.*, 1939-40, 60: 211-26. — Matčfy, J. [Rural preventive health services] *Népegészségügy*, 1937, 18: 462-4. — Mitiniov, Z. [Medical treatment in rural districts] *România med.*, 1939, 17: 241. — Miterev, G. A. [A rural physician's most important problems] *Sovet. med.*, 1940, 4: No. 22, 5-8.

Moutillard. Le service social rural. *Rev. méd. sociale*, *Par.*, 1939, 7: 197-210. — Oldt, F. Health work in Honam villages. *Rep. Sun Yat Sen Mem. Canton Hosp.*, 1932-33, 35. — P. M. C. Medical care in handicapped rural areas. *Ann. Int. M.*, 1940-41, 14: 334-6. — Park, W. E. Rural medical relief. *Canad. M. Ass. J.*, 1934, 30: 438. — Pavolotsky, K. A. [Sanitary-cultural work in the rural districts] *Radianska med.*, 1939, 4: No. 3, 65-7. — Polinsky, M. [Prophylactic work in rural ambulatory district] *Profil. med.*, *Kharkov*, 1927, 6: No. 11, 127-32. — Prasada, K. A village health programme. *Ind. M. Rec.*, 1938, 58: 101-6. — Rankin, W. S. Rural medical and hospital services. *Am. J. Pub. Health*, 1927, 17: 15-9. — The needs of rural medicine in the Carolinas. *South. M. J.*, 1927, 20: 209-14. — Ribeiro, L. One aspect of medical assistance to natives. *Q. Bull. Health Org. League of Nat.*, 1936, 5: 205-6. — Rosario, J. C., & Carrión, J. Rural sociology; our health problem, its sociological aspect. *Puerto Rico Health Bull.*, 1938, 2: 150-3. — Rural health service. *J. Am. M. Ass.*, 1938, 110: 176B. — Rural health work. *Annual Rep. Surg. Gen. Pub. Health Serv. U. S.*, 1934, 56. — Rural medical service. *J. Am. M. Ass.*, 1937, 108: Suppl., 11B; 14B; 22B; 91B; 101B; 164B. — Rutkowski, L. [Medical aid for the rural community] *Zdrowie*, *Warsz.*, 1906, 2. ser., 6: 451-63. — Seguro (El) de enfermedad al servicio de la salud rural. *Labor méd.*, *Méx.*, 1940, 8: 130-4. — Sherstennikov, N. A. [Eliminating diseases in villages in Russia] *Profil. med.*, *Kharkov*, 1929, 8: 42-9. — Smith, M. The rural medical situation. *J. Tennessee M. Ass.*, 1926-27, 19: 151. — Struthers, E. B. The relation of medical school to the rural health program. *Chin. M. J.*, 1937, 52: 447-9. — Thornton, E. N., & Orenstein, A. J. Hygiene and medical services in rural areas. *Q. Bull. Health Org. League of Nat.*, 1936, 5: 200-4. — Tomescu, P. [Medical assistance and practice in the rural districts] *România med.*, 1934, 12: 369. — Underwood, F. J. Appraisal of county health work based on reduction of morbidity and mortality. *N. Orleans M. & S. J.*, 1931, 84: 174-8. — Warren, L. C. Economics of rural medicine as seen from the viewpoint of a country doctor. *Med. Times*, *N. Y.*, 1939, 67: 24-6. — Welsh, R. H. Medical services to the natives. *J. M. Ass. S. Africa*, 1931, 5: 44-6. — Williams, R. C. Special problems of rural areas; medical care provided to distressed farmers. *Mod. Hosp.*, 1939, 52: No. 4, 61-3. — Xuma, A. B. Notes on a native medical service in rural areas. *J. M. Ass. S. Africa*, 1931, 5: 39-43.

— Rural service: Organization.

AMERICAN PUBLIC HEALTH ASSOCIATION. COMMITTEE ON ADMINISTRATIVE PRACTICE. Appraisal forms for rural health work for use in rural counties, districts and other similar areas. 108p. 8° N. Y. [1932]

— A study of rural public health service. 236p. 8° N. Y., 1933.

CHAIX, J. M. *Le développement de l'hygiène et l'effort social dans un département rural: les Hautes Alpes [Lyon] 124p. 8° Bourg, 1936.

CITOYEN [Pseud.] Forste Provinciallärare-Institutionens vara eller icke vara; ett gif akt! met anledning af ifragasatt omreglering af provincial-lärare distrikten, en. en. [The to be or not to be of the first Provincial medical Institution; speed up! with the proposal for the regulation of the provincial medical districts, etc.] 88p. 8° Helsingborg, 1905.

DUBLIN, L. I. County health organization in the United States. 14p. 8° N. Y., 1915.

GEMMA, A. M. L'igiene pubblica rurale in Italia. 50p. 21½cm. Forli, 1882.

JOHAN, B. Rural health work in Hungary. 230p. 23½cm. Budap., 1939.

LIVELY, C. E., & BECK, P. G. The rural health facilities of Ross County, Ohio. 54p. 8° Wooster, Ohio, 1927.

SIMONIN, P. *Organisation moderne des services d'hygiène dans un département rural. 143p. 8° Par., 1934.

WINSLOW, C. E. A. Health on the farm and in the village; a review and evaluation of the Cattaraugus County Health Demonstration, with special reference to its lessons for other rural areas. 281p. 8° N. Y., 1931.

Azeenko, P. M. [On the organization of medical-prophylactic aid in villages] *Radianska med.*, 1939, 4: No. 3, 5-18. Also *Sovet. med.*, 1939, No. 8, 29-32. — Allan, R. M. An Australian solution of the problems of medical services in isolated areas. *Proc. Interst. Postgrad. M. Ass. N. America*

- 1933, 240-2.—**Allen, R. W.** A public health program for a county with a population of 10,000 or less. *J. Lancet*, 1930, 50: 424-7.—**Appelwhite, C. C.** Fundamental principles in rural health administration. *Texas J. M.*, 1931, 27: 222-6.—**Bán, S.** [Plan of reformation of rural hygiene and rural medical administration] *Gyógyászat*, 1936, 76: 76-9.—**Barbosa Lima, P.** Como organizar a campanha para a construção de fossas na zona rural. *Arq. saúde pub.*, Belo Horiz., 1933, 1: 53-5.—**Barnes, M. E.** The advantages and disadvantages of the county as the unit for health administration. *Kentucky M. J.*, 1929, 27: 141-6.—**Barros, P. de.** Um método para avaliação de serviços de higiene do interior. *Fol. med.*, Rio, 1940, 21: 156; 170.—**Batra, G. L.** Rural health organization in Bengal. *J. Ind. M. Ass.*, 1935-36, 5: 307-11.—**Beckett, R. C.** Community sanitation and Delaware's opportunity. *Delaware M. J.*, 1935, 7: 163-71.—**Belotti, E.** Per le masse rurali; le ispezioni annonarie nei centri minori e le loro principali emergenze. *Riv. Soc. ital. igiene*, 1940, 62: 5-7.—**Bengoa, J. M.** Medicina social en el medio rural Venezolano. *Rev. san.*, Caracas, 1940, 5: 993-1212, ch.—**Benyó, E.** [Public health work in Hungarian villages] *Népegészségügy*, 1938, 19: 703-15.—**Berestein, E. A., van Oosterbaan, G., & Wortman, J. L. C.** [What measures could be taken for bettering the care of the sick in the flat-lands] *Tsch. sociale hyg.*, 1917, 19: 209-21.—**Bergstrand, A.** [Organization of health service in the country] *Sven. læk. tidn.*, 1938, 35: 2131-4.—**Berrios Berdecia, R.** The rural medical centers. *Puerto Rico Health Bull.*, 1938, 2: 334-6. ——— Utilidad de los centros médicos rurales. *Ibid.*, 1940, 4: 107.—**Berzin, A.** [Efficient sanitary organization of Ukrainian villages as seen on the tenth anniversary of the October Revolution] *Profil. med.*, Kharkov, 1927, 6: No. 10, 89-94.—**Blackburn, J. H.** The whole-time county health unit from the viewpoint of the general practitioner. *Kentucky M. J.*, 1933, 31: 331-3.—**Boigey.** Critique du fonctionnement réglementaire du service de santé en campagne. *Caducée, Par.*, 1906, 6: 151; 165.—**Borges Vieira, F.** Assistência sanitária rural e o cooperativismo. *Ann. paul. med. cir.*, 1937, 34: 569-77.—**Borisov, A.** [Year of work for consolidation of the rural medical districts] *Sovet. med.*, 1939, No. 8, 32-4.—**Bump, W. S.** Medical opportunities in a small urban community. *Wisconsin M. J.*, 1940, 39: 975. *passim*.—**Cawood, C. D., & Blackerby, P. E.** Knowledge of essential resources an important factor in county health administration. *South. M. J.*, 1936, 29: 914-21.—**Ch'en, C. C.** The rural public health experiment in Ting Hsien, China. *Q. Bull. Milbank Mem. Fund*, 1936, 14: 66-80. ——— Some problems of medical organization in rural China. *Chin. M. J.*, 1937, 51: 803-14.—**Chodzko, W.** El saneamiento de la campaña y la organización del servicio de salud pública. *Bol. Cons. nac. hig.*, Montev., 1927-28, 22: 169-82.—**Cieszyński, F. K.** [Organization of medical aid in villages] *Med. prakt.*, Poznań, 1935, 9: 289; 327.—**Cleland, W.** Comments on the plan for medical services in the villages as proposed by Dr Mohamed Khalil. *J. Egypt. M. Ass.*, 1934, 17: 359-66.—**Commissions médicales provinciales.** *Bull. san. pub.*, Brux., 1938, 3: 575-82.—**County health committees.** *Bull. Texas Dep. Health*, 1939, n. ser., 1: No. 8-9, 13.—**County health units.** *Delaware Health News*, 1939, 12: No. 3, 14.—**Dean, J. O., & Flook, E.** Neglected opportunities for teamwork in county health department practice. *Pub. Health Rep.*, Wash., 1940, 55: 573-82. Also repr.—**Draper, W. F.** Some essential considerations in connection with the rural health program. *Ibid.*, 1931, 46: 1617-23.—**Earp, J. R.** Administrative problems in sparsely populated areas. *Colorado M. J.*, 1937, 34: 317-21.—**Extent of rural health service in the United States, January 1, 1929-December 31, 1934.** *Pub. Health Rep.*, Wash., 1933, 48: 1222; 1934, 49: 1469; 1935, 50: 1541.—**Ferrell, J. A.** Full-time rural health service. *Canad. Pub. Health J.*, 1937, 28: 471-5.—**Fisher, R. T.** The sanitation of 2,000 rural public places in New Jersey. *Pub. Health News*, Trenton, 1940, 24: 35-8.—**Foard, F. T.** The county health unit of yesterday and to-day. *Pub. Health Rep.*, Wash., 1931, 46: 970-7. ——— The development of local health service in the county as a unit. *Colorado M. J.*, 1932, 29: 64-8.—**Franchetti, A.** L'organizzazione provinciale dell'assistenza ospedaliera. *Policlinico*, 1933, 40: sez. prat., 274-6.—**Freeman, A. W.** Rural health administration. *Michigan Pub. Health*, 1932, 22: 3-9. ——— Rural health organization in the United States: past, present and future. *South. M. J.*, 1934, 27: 517-21. ——— Needs and opportunities of rural health departments. *Proc. Conf. Rural M. (1938)* 1939, 97-103 [Discussion] 131-7.—**Gaál, A. K.** [Der heutige Stand und die Entwicklungsmöglichkeiten unserer Gesundheitsfürsorge auf dem Lande] *Orsz. Közégész. Int. közl.*, 1934, 7: No. 5.—**Gallejo Ramos, E., & Soroa, J. M.** Bases para un plan de saneamiento rural. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1 Congr., 3: 181-90.—**Glauning.** Die Gesundheitsfürsorge auf dem Lande, ihre Organisation, ihre Durchführung und ihre Finanzierung. *Bl. Gesundheitsf.*, 1929-30, 7: 129; 161.—**Gorbach, A.** [How, with what and by whom is the contemporary village medically treated (Slutzk district)] *Belaruss. med. dumka*, 1925-26, 2: No. 10-11, 66-70.—**Government medical service in Tasmanian country centres.** *Med. J. Australia*, 1940, 2: 642.—**Graffar, M.** Le service d'hygiène rural aux Etats-Unis. *Arch. méd. sociale*, Brux., 1939, 2: 170-86.—**Grashchenkov, N. I.** [Medical aid in the villages of Soviet Russia] *Sovet. vrach.* *J.*, 1939, 43: 626-32.—**Grenouille, T.** La asistencia social en el ambiente rural; el papel de las enfermeras visitadoras. *Salud & san.*, Bogotá, 1939, 8: No. 82, 16-9.—**Groat, R. E.** Function of the school in the rural health program. *Am. J. Pub. Health*, 1937, 27: 533-6.—**Grzegorzewski, E.** Un nouveau type de l'organisation sanitaire locale dans une région rurale de la Pologne. *Bull. Off. internat. hyg. pub.*, Par., 1939, 31: 1691-8.—**Hamilton, E. L.** Health programs for use of lone workers in rural areas. *Proc. Nat. Conf. Social Work*, 1933, 60. Meet., 245-55.—**Hamilton, J. A.** Hospital organization; a group staff plan in a rural center. *Tr. Am. Hosp. Ass.*, 1932, 34: 769-75.—**Haney, T. P., jr.** Health centers in rural public health service. *South. M. J.*, 1934, 27: 865-9.—**Heifetz, L. Z.** [Experiment with a mobile medical station for the rural districts] *Nov. khir. arkh.*, 1938, 42: 156-60.—**Hernando, E.** Rural health agencies. *Month. Bull. Bur. Health*, Manila, 1937, 17: 302-5.—**Hudson, F. I.** The county health unit. *Delaware Health News*, 1939-40, 13: No. 2, 8.—**Hüpeden, T.** Verkehrsmittel und ländliche Gesundheitsfürsorge. *Fortsch. Gesundheitsf.*, 1928, 2: 179-82.—**Jaffin, A. E.** The role of the county health unit. *Hudson Co. Health Rec.*, 1935, 80-2.—**Kaidanov, A. S.** [Improvements of medical service in rural districts] *Sovet. med.*, 1940, No. 7, 45-7.—**Keeley, R.** County councils and their sanitary obligations. *J. R. San. Inst.*, 1934, 54: 342-51.—**Kozlov, P. M.** [Organization of rural public health and its activity] *Sovet. med.*, 1939, No. 9, 29.—**Krause, I. B., & Lunsford, W. F.** District health program in rural areas. *South. M. J.*, 1934, 27: 869-75.—**Kutomanov, P. I.** [Organization of medical aid in the village] *Vrach. delo*, 1939, 21: 665-70.—**Leland, R. G.** Medical care for rural America. *Proc. Conf. Rural M. (1938)* 1939, 222-36 [Discussion] 237-43.—**Lessard, A., & Nadeau, E.** County health units in the Province of Quebec. *Canad. Pub. Health J.*, 1929, 20: 124-31.—**Little, G. M.** A full-time rural health district. *Ibid.*, 1934, 25: 225; 1937, 28: 333.—**Lorway, E.** Medical care in rural areas; Canada shows the way. *Trained Nurse*, 1932, 89: 273-82.—**Lumsden, L. L.** Report of Committee on Rural Health Work. *Pub. Health Bull.*, Wash., 1924, No. 139, 29-44. ——— Cooperative rural health of the Public Health Service in the fiscal year 1925. *Pub. Health Rep.*, Wash., 1925, 40: 2253-87. ——— Extent of rural health service in the United States, 1923-27. *Ibid.*, 1927, 42: 1163-74. ——— Cooperative rural health work of the Public Health Service in the fiscal year 1930. *Ibid.*, 1930, 45: 2613-33.—**McCord, J. B.** A native medical service in South Africa. *J. M. Ass. S. Africa*, 1930, 4: 511-4.—**McCord, M. M.** The county unit plan in public health. *South. M. J.*, 1917, 10: 408-11.—**McCullough, J. W. S.** The promotion of rural public health in Ontario. *Pub. Health J.*, Toronto, 1928, 19: 351-62. ——— The county health unit. *Canad. Pub. Health J.*, 1929, 20: 114-23.—**Mándy, I.** [Some aspects of public health administration in rural areas] *Népegészségügy*, 1941, 22: 82-9.—**Marriott, J.** El aso público en los distritos rurales. *Bol. Of. san. panamer.*, 1940, 19: 569-73.—**Martín-Cano, C.** Resultado de una encuesta sobre el funcionamiento de los centros primarios de higiene rural de la provincia de Cáceres. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1. Congr., 3: 204-10.—**Martin, J. M.** Co-ordination of medical services in a county area. *World's Health*, Geneva, 1927, 8: 121-6.—**Martín Yumar, D.** Una posible y nueva actividad de los centros de higiene rural. *Actas Congr. nac. san.*, Madr. (1934) 1935, 1. Congr., 3: 215-8.—**Michels, A. W.** [Organization of rural hygiene] *Tsch. sociale hyg.*, 1928, 30: 33-9.—**Middleton, F. C.** Full-time health districts in Saskatchewan. *Canad. Pub. Health J.*, 1929, 20: 140-6.—**Morales Otero, P., & Pérez, M. A.** Health work in the rural areas of Puerto Rico. *Puerto Rico J. Pub. Health*, 1939-40, 15: 44-64.—**Mountain, J. W.** The county as a unit for public health service. *J. M. Soc. N. Jersey*, 1932, 29: 560-4. ——— Possible adjustments in county health department programs. *South. M. J.*, 1934, 27: 59.—**Mustard, H. S.** Opportunities, duties and responsibilities of the various members of a county health department in the execution of an environmental sanitation program. *Papers Health Work. Conf. Tennessee*, 1931, 2: 49-55.—**Noir, J.** Politique médico-sociale et hygiène rurale. *Concours méd.*, 1940, 62: 1048. ——— L'organisation sanitaire rurale; les services d'hygiène. *Ibid.*, 1250.—**Organisation (De l')** d'un service médical rural et de la création des médecins cantonaux en Belgique. *Presse méd. belge*, 1863-64, 16: 237; 245; 253.—**Parran, T.** Cooperative county health work. *Pub. Health Rep.*, Wash., 1925, 40: 983-92.—**Paterson, R. G.** The role of the district as a unit in organized medicine in Ohio. *Ohio M. J.*, 1941, 37: 258-62.—**Pennell, E. H.** The family survey as a method of studying rural health problems; Brunswick-Greenville Health Administration Studies No. 3. *Pub. Health Rep.*, Wash., 1935, 50: 210-23.—**Peterson, D. C.** The value of the county health unit in public health. *Texas J. M.*, 1934-35, 30: 658-60.—**Pittaluga, G.** Sur l'établissement des services de santé rurale dans certains pays d'Amérique et en général dans les pays à faible densité de population. *Rev. hyg.*, Par., 1939, 61: 5; 95; 179.—**Poitrowski, E.** [Organization of medical aid in rural districts] *Polska gaz. lek.*, 1937, 16: 329-31.—**Prasada, K.** Sanitary improvements through village health leagues. *Ind. M. Gaz.*, 1937, 72: 737-9.—**[Public health service in rural districts during planting and harvest time]** *Radianska med.*, 1940, 5: No. 7, 6-8.—**Rankin, W. S.** Extent and method of state control over county health work. *Proc. Conf. State Prov. Bds Health N. America*, 1916, 31: 67-71.—**[Report of the commission for placing rural physicians through the land]** *Ned. tsehr. geneesk.*, 1936, 80: 2193-5.—**Reyes Suárez, V.** Proyecto de organización sanitaria rural. *Rev. méd. peru.*, 1938, 10: 527-45.—**Roberts, F. L.** Criteria for maintaining balance of program in county health departments. *Pub. Health Dep.*, Wash., 1931, 46: 1079-84.—

Ronzani, E. L'inquadramento provinciale dell'assistenza ospedaliera in conseguenza dei recenti suoi sviluppi. Osp. maggiore, Milano, 1937, 25: 409-13.—**Rorem, C. R.** Hospital service plans for rural areas. Hospitals, 1939, 13: No. 3, 49-52.—**Ruesta Marco, S., Bécáres Fernández, F.** [et al.] Organización de los servicios de higiene rural; normas que aconseja la experiencia adquirida para su total desenvolvimiento. Actus Congr. nac. san., Madr. (1934) 1935, 1. Congr., 1: 235-55.—**Rural supervision; what do rural nurses think of it?** Pub. Health Nurs., 1936, 28: 22-5.—**Rząd, A.** [Organization of medical practice in the country] Czas. lek., Tódz, 1905, 7: 304-7.—**Sabshina, E. U.** [Results of the activity of rural medical stations] Probl. tuberk., Moskva, 1940, No. 6, 92.—**Scamman, C. L.** Administrative aids to rural health service. Canad. Pub. Health J., 1935, 26: 367-72. Also Q. Bull. Milbank Mem. Fund, 1936, 14: 13-22.—**Schickelé, Les grands principes d'organisation du service de santé en campagne.** Arch. méd. belges, 1936, 89: Bull. internat., 107-19 [119-21, Eng. trans.].—**Service (Le) médico-rural** devant le Conseil provincial du Brabant. Presse méd. belge, 1863-64, 16: 261-3.—**Sharp, W. K., jr.** Some essential principles in the administration of rural health organizations. South. M. J., 1935, 28: 567-70. — The value of a county health unit. Texas J. M., 1936-37, 32: 766-71.—**Shchukin, A. I.** [Rural medical districts in the Ukraine in 1939] Radianska med., 1940, 5: No. 10, 77-82.—**Sippy, J. J.** The evolution of the county health unit. Hosp. Social Serv., 1933, 28: 374-80.—**Stălineanu, A., Balteanu, I., & Alexa, I.** Considerații critice sur l'organisation sanitaire rurale en Roumanie după les recherches effectuées pendant cinq ans dans le centre sanitaire rural de démonstration de Tomesti (district de Jassy). Bull. Acad. méd. Roumanie, 1936, 1: pt 2, 957-84.—**Slavski, K. G.** [Organization of medical aid to the population of the Ural Cossacks and Ural province] Med. besieda, Voronezh, 1906, 20: 35; 81; 121; 153.—**Smillie, W. G.** Future of county health work in the United States. J. Am. M. Ass., 1927, 89: 1034-8.—**Streeter, C. P.** Reorganizing rural health facilities. Pub. Health Nurs., 1935, 27: 638-44.—**Studený, O.** Organisation der Gesundheitsfürsorge auf dem Lande. Zschr. Kinderschutz, 1935, 27: 55; 75.—**Tate, W. C., & Rankin, W. S.** How a small rural hospital supplies efficient medical care. Mod. Hosp., 1933, 41: 61-3.—**Thewlis, M. W.** County health units. Rhode Island M. J., 1935, 18: 51-4.—**Thornton, E. N.** A medical and nursing service for natives in South Africa. J. M. Ass. S. Africa, 1930, 4: 507-11.—**Tomcsik.** [Development of rural hygiene in Hungary] Orsz. Közegész. Int. közl., 1938, 11: No. 29, 1-13.—**Trotzig, R.** Proposal of a new division in provincial medical districts. Sven. läk. tidn., 1937, 34: 49-54.—**Urvantsov, S. N.** [Brief historical sketch of the development of rural medicine in the Government of Minsk] Vest. obsh. hig. sudeb. prakt. med., 1908, 44: 1063-82.—**Varga, L.** [Organization of rural medicine] Orv. hetil., 1937, 81: 392-5.—**Vesterlund, T.** [Organization of health care in rural districts] Sven. läk. tidn., 1938, 35: 1171-3.—**Vidarte Moreno, M.** Labor de un centro primario de higiene rural y dificultades que en la práctica se presentan. Actas Congr. nac. san., Madr. (1934) 1935, 1. Congr., 3: 250-4.—**Waller, C. E.** The development of full-time county health service in the United States. Bull. Maryland Dep. Health, 1933, 2: No. 4, 9-23.—**Watson, M. G.** Staff conferences in a rural health unit. Pub. Health Nurs., 1940, 32: 604-7.—**Weber, J. J.** Rural health work by means of traveling clinics. Nation's Health, Chic., 1921, 3: 600-2.—**Wilson, M. L.** Rural medical facilities; a vital part of a total health program. Mod. Hosp., 1936, 46: No. 5, 40.—**Woolner, W.** A few observations on the medical care of residents in rural areas of Ontario. Canad. M. Ass. J., 1934, 30: 437.—**Yarotzky, A. I.** [Family registration of sick in the villages and its importance for the clinic of internal diseases] Vrach. gaz., 1930, 34: 1477-83.—**Young, H. E.** Full-time health units in British Columbia. Canad. Pub. Health J., 1929, 20: 132-9.—**Ziegler, M. V.** County health units and their functions. Health Notes, Jacksonville, 1936, 28: 10.

— Rural service: Personnel.

See also subheading Personnel: Physician, communal; also Physician, Practice.

SCHILDMACHER, B. Gebührenvorschriften für Kreisärzte. 62p. 8°. Magdeburg, 1909.

Boehm, W. Ausbildung und Fortbildung der Kreisärzte. Zschr. Medbeamte, 1933, 46: 495-509.—**Bondy, R. E.** The volunteer in the rural community. Proc. Nat. Conf. Social Work, 1933, 60. Mect., 434-8.—**Cherkinsky, S.** [Test of work in rural conditions by a sister of social welfare] Mosk. med. J., 1927, 7: No. 7, 74-80.—**Eisenstadt, D.** Das Problem der ärztlichen Versorgung des flachen Landes. Soziale Med. Hyg., 1910, 5: 149-56.—**Fuentes Novella, J.** Reorganización del Cuerpo Médico; breves comentarios; proyecto de creación del Servicio Médico-Rural obligatorio. Bol. san. Guatemala, 1938, 9: 457-63.—**Gijón, L.** El medio rural necesita médicos. Labor méd., Méx., 1940, 8: 48.—**Haubold, H.** Kreisphysikus und Kreischirurgus im Brandenburg-preussischen Staat bis 1848. Oeff. Gesundheitsdienst, 1936-37, 2: A. 777-85.—**Jenkins, R. L.** The rural community and the physician. Med. J. & Rec., 1930, 131: 197.—**Kagan, S. S.** [On the necessity of medical control and statistics in villages] Radianska med., 1939, 4: No. 2, 65-70.—**Kerbolt, L.** [Official physician for

each village] Orv. hetil., 1937, 81: 68-70. — [Administrative work of village physicians] Ibid., 1940, 84: 298-301.—**Khazanov, M.** [Conditions of work and life of village doctors in White Russia] Belaruss. med. dumka, 1925, 2: 81-90.—**Krol, M. B.** [Problems of special preparation of village doctors] Ibid., 71-6.—**Marzev, O. M.** [Activity of district rural doctors in the hygienization of villages] Radianska med., 1939, 4 No. 2, 59-64.—**Rodríguez Aguirre, E.** La higiene rural y el cuerpo de carabineros. Congr. med. cir. nav. mil. Chile, 1929, 281-4.—**Rossi, R. P.** Sulla necessità dell'istituzione di igienisti rurali nelle grandi città e nei consorzi di piccoli comuni. Gior. clin. med., 1934, 15: 551-61.—**Stampar, A.** Observations of a rural health worker. N. England J. M., 1938, 218: 991-7.—**Stefanov, P.** [On the service of district physicians] Sovrem. khig., Sofia, 1908, 2: 89-96.—**Teleky.** Zur Frage der Vorbereitung der Fürsorgeärzte und der Kreisärzte. Zschr. Medbeamte, 1927, 40: 715-22.—**Varga, K.** [Rural health, teaching of hygiene and the village physician] Népegészségügy, 1938, 19: 463-8.—**Wyatt, E. M.** The combined work of district nurse-midwives and health visitors in rural areas. J. R. San. Inst., 1930-31, 51: 493-8.

— Sickness insurance [voluntary]

For compulsory insurance see subheading State medicine. See also Insurance medicine.

FALK, I. S. Security against sickness; a study of health insurance. 423p. 8°. Garden City, N. Y., 1936.

LICHTENDORFF, A. *L'assurance-maladie privée et facultative concernant les classes moyennes et les professions libérales. 103p. 8°. Par., 1937. Also Presse méd., 1937, 45: 789.

MILLIS, H. A. Sickness and insurance; a study of the sickness problem and health insurance. 166p. 8°. Chic. [1937]

NEWSHOLME, A. Public health and insurance. 270p. 8°. Balt., 1920.

ORR, D. W., & ORR, J. W. Health insurance with medical care. 271p. 21cm. N. Y., 1938.

REED, L. S. Health insurance; the next step in social security. 281p. 8°. N. Y., 1937.

SIMONS, A. M., & SINAI, N. The way of health insurance. 215p. 8°. Chic. [1932]

WARREN, B. S. Sickness insurance; its relation to public health and the common welfare. 14p. 8°. Wash., 1915.

Also J. Am. M. Ass., 1916, 67: 1015-9.

Andrews, J. B. Health insurance. J. Sociol. Med., 1916, 17: 308-20. Also Tr. Nat. Ass. Study Prev. Tuberc., N. Y., 1916, 12: 387-405.—**Barker, C.** Prepaid medical service. Connecticut M. J., 1940, 4: 200.—**Beadles, H. S.** Individual insurance in the future. Lancet, Lond., 1925, 1: 58.—**Broughton, A. N.** Address on health insurance. Boston M. & S. J., 1917, 177: 225.—**Chamberlin, J. P.** Health insurance. Proc. Nat. Conf. Charity, 1915, 42: 557-70.—**Christ, C. D.** Health insurance. J. Florida M. Ass., 1936-37, 23: 18-20.—**Cody, C. C.** Sickness insurance. Texas J. M., 1934-35, 30: 594-7.—**Commons, J. R.** Health insurance. Wisconsin M. J., 1918-19, 17: 218-23.—**Davis, H. J.** Health security. Soc. Welfare Bull., 1936, 7: No. 5 & 6, 4.—**Donaldson, W. F.** Health insurance. Pennsylvania M. J., 1918-19, 22: 62.—**Douthitt, V. L.** Insuring safety by insurance. Mod. Hosp., 1936, 47: No. 2, 65.—**Elliott, F. E.** Medical expense insurance. N. York Physician, 1940, 14: No. 4, 32.—**Emerson, K.** Health security. N. England J. M., 1936, 214: 1211-4.—**Falk, I. S.** Health insurance. Am. J. Nurs., 1938, 38: 519-25.—**File'-Bonazzoala, A.** Assicurazioni contro le malattie; verso una maggiore chiarezza e sincerità. Italia san., 1923, 15: No. 3, 3.—**Fisher, H. E.** Employee health security. Indust. M., 1935, 4: 489-92.—**Frankel, L. K.** The social implications of insurance. World's Health, Par., 1928, 9: 260-4.—**Hastings, C. J.** Health insurance. Canad. Pract. & Rev., 1917, 42: 464-7.—**Hayhurst, E. R.** Health insurance. Midland Drug. Pharm. Rev., 1918, 52: 295-302.—**Health insurance.** N. York State J. M., 1916, 16: 89-92. Also Q. Bull. Health Org. League of Nat., 1925, 153-5.—**Health insurance as seen by a layman.** Bull. Los Angeles Co. M. Ass., 1934, 64: 389-403.—**Health insurance in the United States as viewed by a British resident.** Lancet, Lond., 1940, 2: 207.—**Heath, E. A. J.** Permanent sickness insurance. J. Inst. Actuaries, Lond., 1939-40, 70: 271-313, ch. Also Med. Press & Circ., Lond., 1939, 20: 80; 93; 115.—**Hoffman, F. L.** Health insurance and the public. Pennsylvania M. J., 1918-19, 22: 664-79.—**Lapp, J. A.** Scope and methods of investigations. Am. Labor Legis. Rev., 1918, 8: 142-53.—**Lewinski-Corwin, E. H.** Health insurance. In Ref. Handb. M. Sc., N. Y., 1917, 8: 569-72.—**McAlister, J. B.** Health insurance. Pennsylvania M. J., 1918-19, 22: 58-62.—**McCullough, J. W. S.** Sickness insurance. Canad. M. Ass. J., 1929, 21: 168-72.—**McDermot, J. H.** Health insurance. Ibid., 1925, 15: 287; 1929, 20: 399; 513.—**McPhedran, H.** Health insurance. Ibid., 1931, 25: 385-93.—

Meyer, S. En Sygekassesag. Ugeskr. læger, 1905, 5, R., 12: 241-7.—Milliman, W. A. Insurance of the expense of medical service. Minnesota M., 1941, 24: 264-79.—Mills, A. B. Insurance for indigents. Mod. Hosp., 1938, 51: No. 6, 47.—Murillo, F. El seguro de enfermedad. Siglo méd., 1933, 91: 237-40.—Mutual health service. Med. Ann. District of Columbia, 1940, 9: 135.—Packard, R. K. Health insurance. Illinois M. J., 1935, 67: 327-32.—Parran, T., jr. Health security. Am. J. Pub. Health, 1936, 26: 329-35. Also Q. Bull. Milbank Mem. Fund, 1936, 14: 113-24.—Prepayment plans for medical service. Minnesota M., 1941, 24: 192.—Ramirez, P. B. Health insurance. J. Philippine Islands M. Ass., 1938, 18: 681-94.—Rappleye, W. C. Sickness insurance. Am. M. Ass. Bull., 1931, 26: 35-48.—Report on the organization of medical attendance on the provident or insurance principle. Brit. M. J., 1911, 1: Suppl., 81-122.—Richardson, W. A. Medical expense insurance. Med. Econom., 1938-39, 16: No. 2, 33-7.—Roberts, S. R. The social trends underlying health and hospital insurance. N. England J. M., 1935, 212: 1123-9.—Roche, J. Economic security and health. In Policies Pub. Health (Milbank Mem. Fund) N. Y., 1935, 97-109.—Rowe, F. E. Health insurance. J. Maine M. Ass., 1918-19, 9: 33-48.—Rubinow, I. M. Health insurance in its relation to public health. Bull. Am. M. Ass., 1915-16, 11: 307-78.—Sarkar, B. K. Insuring against sickness. J. Ind. M. Ass., 1934-35, 4: 371-82.—Sickness insurance catechism. J. Arkansas M. Soc., 1934-35, 31: 175-9.—Sickness insurance (from the Medical Society of the State of New York, 2 East 103rd street, New York City) Memphis M. J., 1935, 10: 43.—Sickness or health insurance. Tristate M. J., 1934-35, 7: 1444.—Silvagni, Dal Prato [et al.] L'assicurazione contro le malattie discusse al Congresso di Roma. Italia san., 1920, 12: No. 31, 1-3.—Sinai, N. Unemployment insurance and health insurance. Ann. Dent., 1937, 4: 93.—Stewart, G. C. Medical insurance. J. Michigan M. Soc., 1935, 34: 314-6.—Togut, C. A. The future of nonprofit medical insurance. Hospitals, 1941, 15: No. 2, 22-4.—Van Sickle, F. L. Health insurance. Pennsylvania M. J., 1918-19, 22: 63.—Voluntary sickness insurance. West Virginia M. J., 1941, 37: 87.—Watt, R. J. The American Federation of Labor and health insurance. Connecticut M. J., 1940, 4: 322-5.—Wentz, H. B. Health insurance. Med. World, 1935, 53: 233.—Whalen, C. Health insurance. Illinois M. J., 1919, 35: 1-3.—Wolfenden, H. H. Insurance and public health. Canada Pub. Health J., 1934, 25: 307-15.

— Sickness insurance: Cost and budgeting.

SCHÜLKE, E., ed. Tarife und Bedingungen der privaten Krankenversicherung, 1939. 10. Aufl. 350p. 19½cm. Berl. [1938]

WENGENROTH, H. *Das Risiko und die Prämiennpolitik in der privaten Krankenversicherung [Erlangen] 92p. 8° Berl., 1933.

Abrahams, E. J. De ziekenfondsen en de oorlog. Med. wbl., Amst., 1914-15, 21: 279-81.—Andrews, J. B. Progress toward health insurance. Proc. Nat. Conf. Social Work, 1917, 44: 535-42.—Ankarswärd, G. [Sick control by recognized sick funds] Sven. läk. tidn., 1937, 34: 193-214.—Aynet, H. H. Costs of physicians' services under a prepayment plan. Med. Care, 1941, 1: 46-59.—Dresser, F. F. Assurance of health vs sickness insurance. Proc. Conf. Social Insur. (1916) 1917, 572-88.—Goin, L. S. On periodic prepayment plans. California West. M., 1939, 51: 10-2.—Paying for health insurance. Med. Soc. Rep., Scranton, 1934, 28: 9.—Warren, B. S., & Sydenstricker, E. Health insurance: its relation to the public health. Pub. Health Bull., Wash., 1916, No. 76, 1-79.

— Sickness insurance: Organization.

CAMBRIA MUTUAL BENEFIT ASSOCIATION [JOHNSTOWN, PA.] Annual reports of the secretary to the members of the association. Johnstown, 6-16., 1889-99.

COPE, J. L. Family medical insurance; a new scheme with evidence. 64p. 12° Lond., 1936.

FALK, I. S. Formulating an American plan of health insurance. 8p. 8° Phila., 1934.

MILLS, A. B., & GUILD, C. St. C. The Ross-Loos medical group; a description of a voluntary health insurance plan. 59p. 8° Wash., 1933.

NORTHERN PACIFIC BENEFICIAL ASSOCIATION. Annual reports of the secretary to the board of managers (1889-90 to 1900-1) S. Paul, 8-19., 1891-1901.

RUBINOW, I. M. Standards of health insurance. 322p. 8° N. Y., 1916.

SCHWENGER, R. Die deutschen Betriebskrankenstellen. 140p. 8° Münch., 1934.

VIGDORCHIK, R. A. [Insurance of laborers in case of sickness; factory medicine and insurance] 26p. 8° Moskva, 1909.

Agnew, G. H. Health insurance in various forms. Hosp. Progr., 1934, 15: 450-3.—Baum, W. W. The Oregon plan, providing medical care for the low-wage industrial group. Northwest M., 1940, 39: 3.—Bine, R. Present status of health insurance in California. California J. M., 1918, 16: 4.—Buying health in advance via the People's Medical Protective Association of Fort Smith, Arkansas. Med. Econom., 1935-36, 13: 25-7.—Buying health in advance, via Wisconsin's Ozema Health Center. Ibid., 21-4.—California approves plan for medical care. J. Am. M. Ass., 1938, 111: 2398.—California (A) health insurance system. Lancet, Lond., 1935, 1: 1299.—Chicago Medical Society insurance plan. J. Am. M. Ass., 1939, 113: 1132.—Coady, J. M. Health insurance invades the Northwest. Mod. Hosp., 1936, 46: No. 2, 65-9.—Coopers, M. Voluntary health insurance in the Netherlands. J. Am. M. Ass., 1940, 114: 2120.—Crownhart, J. G. Sickness insurance in Europe. Wisconsin M. J., 1938, 37: No. 10, Suppl., No. 3, 1-78.—Davis, M. M. The American approach to health insurance. Q. Bull. Milbank Mem. Fund, 1934, 12: 203-17.—Delaye, J. Rapport sur les sociétés de secours mutuels d'ouvriers. J. méd. Toulouse, 1862, 4. sér., 1: 153-66.—Den Dulk, J. Krankenversicherung in Holland. Vetræuensarzt, 1938, 6: 57.—Ebersole, W. G. Difference between C. P. S. and insurance plans is explained. Bull. Los Angeles Co. M. Ass., 1941, 71: 120.—Eyk, H. H. van [Associations for medical assistance in earlier times] Ned. tsschr. geneesk., 1920, 1: 650-2.—First experiment in voluntary sickness insurance to be located in Douglas County. Wisconsin M. J., 1938, 37: 1105-7.—First state-wide voluntary health insurance plan makes debut. Med. Econom., 1939-40, 17: 24-8.—Forster, N. K. A suggested plan for consideration on the problem of health security. J. Indiana M. Ass., 1938, 31: 560-1.—Frandsen, J. [Health impairment and the sick-fund system] Ugeskr. læger, 1938, 100: 1220-3.—Frankenberg, H. von. Die Beseitigung der Gemeinde-Krankenversicherung. Arch. Volksw. h., 1907-8, 1: 312-6.—Freedman, D. K., & Harvey, E. B. Development of voluntary health insurance in the United States. N. York State J. M., 1940, 40: 1699-707.—Geister, J. M. Group Health Association, Incorporated, Washington, District of Columbia. Trained Nurse, 1939, 102: 324-6.—Group health and accident insurance now available to the society members. Bull. M. Soc. Co. Kings, 1938, 17: 171.—Group Health Association, Incorporated. J. Am. M. Ass., 1937, 109: 39B-46B. Also Med. Econom., 1937-38, 15: No. 2, 45-51.—Group Health Association unsatisfactory. Northwest M., 1939, 38: 37-9.—Group Health Association held a cooperative. Med. Ann. District of Columbia, 1939, 8: 305-7.—Health benefit societies [Japan] J. Am. M. Ass., 1937, 109: 2154.—Health insurance in the United States. Lancet, Lond., 1940, 2: 522.—Health and sickness insurance in Poland. Brit. M. J., 1934, 2: Suppl., 38.—Insurance of school leavers. Lancet Lond., 1934, 1: 1086.—Interesting (An) situation in Michigan. N. England J. M., 1934, 210: 1183.—Joubert, G. J. Benefit societies. S. Afr. M. J., 1933, 7: 419-21.—Kanevsky, I. Kapat-holim (sick fund). In Med. Leaves, 1939 (A. Levinson) Chic., 74-82.—Landis, A. Mutual benefit funds. Proc. Conf. Social Insur. (1916) 1917, 497-504 [Discussion] 519-47.—Longley, A. A. New England factory mutual insurance. Tr. Am. Hosp. Ass., 1927, 29: 423-7.—Martin, A. Die Knappschafts- und die Armenkassen des Nauheimer (Bad-Nauheimer) Salzwerks. Sudhoffs Arch., 1937-38, 30: 220-46.—Medical sickness, annuity and life assurance society. S. Barth. Hosp. J., Lond., 1937-38, 45: 176.—Mills, A. B. The Oregon plan of prepaid medical and hospital care. Tr. Am. Hosp. Ass., 1933, 35: 742-8.—Moore, J. M. Dividing friendly societies. J. Inst. Actuaries, Lond., 1938, 69: 228-73.—Moorhead, E. S. A report on the feasibility of a contributory health insurance scheme for Manitoba. Canad. M. Ass. J., 1931, 24: 254-9.—Mutual relief associations. Q. Bull. Health Org. League of Nat., 1925, 147-52.—New York group told that mutual insurance reaches lower wage groups. Hosp. Management, 1940, 49: No. 6, 22.—Organized payments for medical services. Illinois M. J., 1939, 76: 9.—Owen, E. P. The aims, organization and operation of professionally controlled group health associations. Northwest M., 1933, 32: 500-3.—Palermo, A. Per una Cassa di Previdenza per i medici italiani. Cult. med. mod., Pal., 1932, 11: 347.—Peacock, A. H. Health insurance in the State of Washington. Northwest M., 1932, 31: 505-9.—Perry, L. H. Voluntary insured medical service for Pennsylvania? Pennsylvania M. J., 1939-40, 43: 430-7.—Pitts, H. C. A review of sickness insurance in foreign countries. Rhode Island M. J., 1937, 20: 76-8.—Possible program of sickness insurance. J. Am. M. Ass., 1938, 111: 1855.—Ranney, G. A. Employees' Benefit Association of the International Harvester Companies. Proc. Conf. Social Insur. (1916) 1917, 482-90 [Discussion] 519-47.—Roberts, K. Progress of group practice and prepaid medical plans in the United States. Week. Bull. S. Louis M. Soc., 1940-41, 35: 137-9.—Rorem, C. R. Sickness insurance in the United States. Bull. Am. Hosp. Ass., 1932, 6: 18-29.—Salomon, O. Aerztliche Krankenkassen. Deut. med. Wschr., 1925, 51: 1243.—Sayers, R. R., Kroeger, G., & Gafafer, W. M. General aspects and functions of the sick benefit organization. Pub. Health Rep., Wash., 1937, 52: 1563-80.—Schenewerk, G. A. Recommendations for a tentative plan of medical insurance covering the low income group. Dallas M. J., 1938, 24: 143-

6.—**Schneider, J. R.** Voluntary health insurance in an industrial community. *Hosp. Management*, 1939, 47: No. 2, 22.—**Schroll, G.** [Plan for reconstruction of sickness insurance societies] *Ugeskr. læger*, 1928, 90: 19-21.—**Scott, M. G.** Trade-union benefit funds. *Proc. Conf. Social Insur.* (1916) 1917, 747-62.—**Seide, J.** The Palestine workmen's sick fund; Kupat holim. In *Med. Leaves* (J. C. Beck) *Chick*, 1937, 161-6.—**Sick** (A) club 65 years ago. *Brit. M. J.*, 1911, 2: 42.—**Sickness** (The) insurance clubs [Germany]. *J. Am. M. Ass.*, 1938, 110: 1684.—**Sickness** insurance in Europe. *Med. Bull.*, Wichita, 1938, 7: No. 12, 5-9; 11: 14-6.—**Smislaert, H.** Corporative ziekteverzekering. *Centr. org. Ongeval-Verzek., Haarlem*, 1906, 3: 152-8.—**Smith, J. M.** Group insurance endowments suggested to solve middle class problem. *Hosp. Management*, 1930, 29: 58-60.—**Smith, M. C.** Health insurance in America. *Nebraska M. J.*, 1937, 22: 449-56.—**Society's** (The) prepayment plan for medical care. *Med. Ann.* District of Columbia, 1939, 8: 19-22.—**State** program for care of low-wage earners [Oregon]. *J. Am. M. Ass.*, 1938, 111: 1389.—**Swift, G. W.** Health insurance in the State of Washington. *West. Hosp. Rev.*, 1934-35, 22: No. 3, 11; 24.—**Utah** Medical and Hospital Benefit Association. *J. Am. M. Ass.*, 1940, 115: 620.—**Voluntary** contributory health insurance in Ontario. *Month. Labor Rev.*, 1939, 48: 71-3.—**Voluntary** health insurance in Germany. *Lancet*, London, 1939, 1: 51.—**Voluntary** health insurance in U. S. A. *Ibid.*, 1940, 2: 464.—**Voluntary** sickness-insurance system in Sweden. *Month. Labor Rev.*, 1938, 47: 1261-8.—**Weakley, A. D.** American Dental Association group insurance. *J. Am. Dent. Ass.*, 1939, 26: 1195.—**Weber, C. H.** La Caisse Cantonale Genevoise d'Assurance Scolaire en cas de maladie. *Internat. Nurs. Rev.*, Geneva, 1932, 7: 245.—**Whitacre, H. J.** Health insurance in the State of Washington. *Northwest M.*, 1933, 32: 406-10.—**Wilde, P. A.** de. [Sickness insurance in Amsterdam] *Ned. tschr. geneesk.*, 1932, 76: 733-50.—**Winsth.** La caisse cantonale Vaudoise d'assurance infantic en cas de maladie. *J. méd. Paris*, 1937, 57: 276.—**Woodward, W. C.** The health insurance program. *Bull. Chicago M. Soc.*, 1934, 37: 333-5.

— Sickness insurance: Physicians' attitude.

SYDENSTRICKER, E. Medicine or health insurance, which comes first? *Sp. 8° Phila.*, 1934.

Altmeier, A. J. Extracts from an address about sickness insurance. *J. Am. M. Ass.*, 1937, 109: 29B.—**A. M. A.** (The) and health insurance in California. *California West. M.*, 1935, 43: 105.—**American** Medical Association again condemns sickness insurance and outlines position on scientific and economic questions. *Wisconsin M. J.*, 1934, 33: 523-6.—**Anderson, W.** Advantages of life, accident and disease insurance to the medical practitioner. *Pacific M. J.*, 1905, 48: 461-4.—**Andrews, J. B.** A timely brief for health insurance. *Boston M. & S. J.*, 1916, 175: 539.—**Beard, M.** Health insurance; as considered by staff of public health nurses. *Pub. Health Nurse*, 1917, 9: 280-6.—**Beling, C. C.** Report of the Committee on Medical Defense and Insurance, 1939. *J. M. Soc. N. Jersey*, 1939, 36: 273.—**Berger, J. A.** [The controversy on sickness insurance] *Geneesk. tijds.*, 1930, 8: 878; 942; 968.—**Blumenthal, R. W.** **Niedhold, C. D.**, & **Nesbit, W.** Preliminary report of the Advisory Committee on Voluntary Sickness Insurance. *Wisconsin M. J.*, 1939, 38: 757-81.—**Blumer, G.** What attitude should the physician take towards health insurance? *Proc. Connecticut M. Soc.*, 1916, 124: 85-92.—**Borzell, F. F.** Why is health insurance not health insurance? *J. M. Soc. N. Jersey*, 1935, 32: 532-5.—**Health** insurance versus sickness taxation. *Med. World*, 1937, 55: 110.—**Brown, P. K.** Medical costs; how health insurance and group medicine may lower medical costs. *California West. M.*, 1932, 37: 11-5.—**Cabot, H.** The doctrine of foresight as applied to the future of the practice of medicine. *West Virginia M. J.*, 1931, 27: 529-36.—**California** Medical Society endorses sickness insurance. *J. Am. M. Ass.*, 1935, 104: 1243.—**Catechism** on sickness insurance; pertinent questions likely to be asked physicians regarding proposals to establish new system of medical service answered in brochure issued by A. M. A. Bureau of Medical Economics. *Ohio M. J.*, 1935, 31: 133-7.—**Chapman, W. D.** Health insurance, considered from an economic standpoint. *J. Michigan M. Soc.*, 1920, 19: 292-5.—**Choles, I. A.** Sickness insurance. *Hygieia, Chic.*, 1940, 18: 628.—**Christie, A. C.** Some problems of medical care: Is health insurance the solution? *Week. Roster, Phila.*, 1935, 30: 737-40.—**College of Surgeons** endorses health insurance. *Mod. Hosp.*, 1934, 43: 67.—**Critical** (A) analysis of sickness insurance; preliminary report by the Bureau of Medical Economics of the American Medical Association. *Indust. Engin. Chem.*, 1934, 26: 49-80.—**Crownheart, J. G.** Looking at health insurance abroad. *J. Am. M. Ass.*, 1939, 112: 1526-8.—**Do** the people want prepaid medical service? *North Carolina M. J.*, 1941, 2: 47.—**Elastic** element in sickness insurance. *J. Am. M. Ass.*, 1940, 115: 1369.—**English, S.** A few thoughts on the problem of sickness insurance from a country doctor. *Canad. M. Ass. J.*, 1931, 24: 826.—**European** medical schemes won't work here; arguments of those wanting them adopted in U. S. termed fallacious. *Ohio M. J.*, 1939, 35: 1222-4.—**Fishbein, M.** Sickness insurance and sickness costs. *Hygieia, Chic.*, 1934, 12: 1070-6.—**Gaps** (The) in sickness insurance propaganda. *J. Am. M. Ass.*, 1935, 104: 925.—**Geier, O. P.** Health insurance is impracticable from

viewpoints of the 3 groups vitally concerned. *Ohio M. J.*, 1920, 16: 601-4.—**Hale, M. B.** A study of health insurance. *Pacific Coast J. Nurs.*, 1940, 36: 403.—**Hanks, J. T.** What I think about health insurance. *N. York J. Dent.*, 1937, 7: 117-20.—**Hannah, J. A.** Implications of health insurance in America. *Brit. M. J.*, 1939, 2: Suppl., 245.—**Health** (The) insurance menace. *J. Med. Pract.*, 1936, 1: 163.—**Health** insurance plan approved [Illinois]. *J. Am. M. Ass.*, 1939, 113: 153.—**Health** insurance vs adequate medical care for all. *Med. Ann.* District of Columbia, 1935, 4: 226.—**Health** insurance versus sickness insurance. *N. York State J. M.*, 1941, 41: 333.—**Health** insurance as socialised medicine. *Lancet*, Lond., 1934, 1: 1178-80.—**Health** insurance faces a showdown. *Jackson Co. M. J.*, 1934, 28: 6.—**Henderson, M. S.** Some principles involved in health insurance. *Minnesota M.*, 1933, 16: 161-3.—**Hill, J. C.** Health insurance is not the remedy. *J. Iowa M. Soc.*, 1935, 25: 442-6.—**Huntington, T. W.** Address of the president. *Tr. Am. Surg. Ass.*, 1918, 36: 1-8.—**Illness**, death and sickness insurance. *J. Am. M. Ass.*, 1935, 104: 1245.—**In** explanation of the California situation. *Minnesota M.*, 1935, 18: 309.—**Insurance** (The) principle in the practice of medicine. *J. Am. M. Ass.*, 1934, 102: 1612-8.—**Jennett, J. H.** Pre-payment medical plans; an opposing viewpoint. *Kansas City M. J.*, 1939, 15: No. 4, 5-7.—**Jones, E. G.** Report of Special Committee on Accident and Health Insurance. *J. Ohio Dent. Soc.*, 1939, 13: 67.—**Leland, R. G.** The insurance principle in the practice of medicine. *Bull. U. S. Bur. Labor Statist.*, 1934, No. 602, 56-63.—**Loewy-Hatendorf, E.** Hartmannbund und Arzttag in Eisenach. *Med. Klin.*, Berl., 1926, 22: 1130-2.—**Mills, A. B.** A. M. A. gives principles for health insurance. *Mod. Hosp.*, 1934, 43: 91.—**Neal, J. R.** Realism and health insurance. *Illinois M. J.*, 1935, 67: 209-11.—**Policies** on pending sickness insurance proposals adopted at special session of A. M. A. House of Delegates. *Ohio M. J.*, 1935, 31: 212.—**Posthuma, L. L.** [Author's observations on the middle class sick insurance] *Ned. tschr. geneesk.*, 1936, 80: Suppl. No. 7, 719-23.—**Rea, F. G.** The fallacy of health insurance. *Med. Times, N. Y.*, 1936, 64: 369-71.—**Report** of the Committee on Voluntary Health Insurance. *J. M. Soc. N. Jersey*, 1939, 36: 165-7.—**Report** of the Permanent study committee on health insurance and national medical situation. *J. Indiana M. Ass.*, 1940, 33: 563-8.—**Robb, J. M.** What shall be the attitude of the physician toward insurance plans? *Am. M. Ass. Bull.*, 1933, 28: 2-6.—**Rodriguez Pastor, J.** El seguro de enfermedad para los pobres. *Bol. As. méd. Puerto Rico*, 1937, 29: 526-30.—**Rowell, C. H.** Finding health insurance facts. *California West. M.*, 1934, 41: 116.—**Schriever, L. H.** Is group practice of medicine and health insurance desirable in the United States? *J. Med.*, Cincinnati, 1933, 14: 124-33.—**Second** annual report, Advisory Committee on Voluntary Sickness Insurance. *Wisconsin M. J.*, 1940, 33: 639-75, ch.—**Sickness** insurance not the remedy. *Bull. Am. M. Ass.*, 1934, 29: 108-12.—**Sinai, N.** The way of health insurance. *Am. M. Ass. Bull.*, 1931, 26: 220-30.—**Three** years of prepayment. *Med. Econom.*, 1940-41, 18: No. 2, 80-6.—**Trying** to make sickness insurance popular. *Am. M. Ass.*, 1937, 109: Suppl., 22.—**Turberville, J. S.** Defects in medical insurance. *J. Florida M. Ass.*, 1936-37, 23: 31-3.—**Voluntary** (The) trial plan on the prepayment basis for the securing of sickness care. *Wisconsin M. J.*, 1939, 38: 781-90.—**Warren, B. S.** Sickness insurance, a preventive of charity practice. *J. Am. M. Ass.*, 1915, 65: 2056-62.—**Warren, E.** The health insurance racket in the State of California. *West. Hosp. Rev.*, 1934-35, 22: No. 3, 9.—**Weiss.** Les dangers de l'assurance contre la maladie. *Bull. Acad. méd., Par.*, 1929, 3. ser., 102: 520-33.—**Wells, J. R.** A synopsis and critical analysis of sick insurance and cost of medical care. *J. Florida M. Ass.*, 1936-37, 23: 33-6.—**Winslow, F. S.** We do not want security. *N. York State J. M.*, 1937, 37: 192-4.—**Wolfenden, H. H.** The problem of health insurance. *Manitoba M. Ass. Rev.*, 1934, 14: No. 12, 15-8.—**Yoell, R. A.** **Shephard, J. H.** [et al.] Health insurance—pro and con. *California West. M.*, 1935, 42: 445-60.

— Sickness insurance: Service benefits and limitations.

Anlauf, H. J. Der Begriff Krankheit in der privaten Krankenversicherung. *Deut. med. Wschr.*, 1931, 57: 1713.—**Anlauf.** Nochmals: der Krankheitsbegriff in der Privatversicherung. *Aerzt. Sachverst. Ztg.*, 1932, 38: 90-3.—**Clark, C. D.** The advisability of classifying members in the Sick Benefit Department. *Med. Insur. Health Conserv.*, 1918, 27: 361-4.—**Feilchenfeld, L.** Zur Feststellung des Krankheitsbegriffes in der privaten Krankenversicherung. *Med. Welt*, 1932, 6: 276.—**Fischer, E.** Das berufsgenossenschaftliche Heilverfahren, verbunden mit dem Durchgangsarztverfahren. *Mtschr. Unfallh.*, 1935, 42: 494-505.—**Frænkel, P.** Der Begriff der Krankheit in der privaten Krankenversicherung. *Aerzt. Sachverst. Ztg.*, 1931, 37: 65-73.—**Fröehlich, E.** Die Bedeutung der Aufnahme- und Revisionsuntersuchung für die private Krankenversicherung. *Ibid.*, 1913, 19: 122-4.—**Göbbels, H.** Krankheit und Krankheitsbegriff als Begriffe der privaten Krankenversicherung. *Med. Welt*, 1935, 9: 838; 872.—**Medizinische** Begriffsbestimmung in der privaten Krankenversicherung. *Arch. orthop. Unfallchir.*, 1936-37, 37: 328-33.—**Keller.** Der Krankheitsbegriff in der Privatversicherung. *Münch. med. Wschr.*, 1931, 78: 1664-6.—**Ueber** alte Leiden in der Privatversicherung. *Deut. med. Wschr.*, 1934, 60: 683-5.—**Martin, W. B.** Insurance, hospital and sickness.

Virginia M. Month., 1934-35, 61: 568-71.—Medical benefit during the coal dispute; Scotland. Brit. M. J., 1927, 1: 406.—**Pryll, W.** The administration and benefits of health insurance. Internat. Nurs. Rev., Geneva, 1931, 6: 412; 418.—**Roewer, G.** Ueber das berufsgenossenschaftliche Heilverfahren. Mschr. Unfallh., 1928, 35: 177-96.—**Schoen, R.** & **Wörner, R.** Das Problem des alten Leidens in der individuellen Krankenversicherung. Deut. med. Wschr., 1934, 60: 271; 328.—**Schulten, H.** Zur Frage des Krankheitsbegriffes bei den privaten Krankenversicherungen. Münch. med. Wschr., 1934, 81: 1944-6.

Socialization.

See also subheading State medicine.

ALY, B. Socialized medicine. 2v. 222p; 222p. 8°. Columbia, Mo., 1935.

BUEHLER, E. C. Free medical care, socialized medicine. 360p. 8°. N. Y. [1935]

JOHNSEN, J. E. Socialization of medicine. 335p. 8°. N. Y., 1935.

— The same. Suppl. vol. 47p. 8°. N. Y., 1935.

PHELPS, E. M. The socialization of medicine. 190p. 8°. N. Y., 1930.

Allee, W. L. Organized medicine the best weapon against socialized medicine. J. Missouri M. Ass., 1933, 30: 264.—**American (The) scene;** from an Englishman in the United States. Lancet, Lond., 1938, 2: 391.—**Annis, E. R.** Socialization of medicine. Marquette M. Rev., 1936-37, 1: 29-36.—**Ausubel, H.** Why public medicine? blue prints for public medicine. Dent. Items, 1939, 61: 255-9.—**Beamis-Hood, L. W.** Shall we have socialized medicine? Med. Woman J., 1938, 45: 198-201.—**Bennett, R. B.** The approach of socialized medicine. Canad. M. Ass. J., 1934, 30: 81.—**Berry, R. C.** Socialized medicine. Illinois M. J., 1940, 77: 128-32.—**Blanchard, C. E.** Medicine socialized. Bull. Off. Pract., 1935-36, 9: 169-74.—**Borzell, F. F.** The position of the organized medical profession toward State managed medicine. Med. World, 1939, 57: 569-76.—**Brown, R.** Is socialization inimical to American medicine? California West. M., 1931, 35: 152-6.—**Braun-Rasmussen, P.** [Social reforms] Ugeskr. laeger, 1933, 95: 890-2.—**Buenahora, G.** La socialización de la medicina. Colombia med., 1939, 1: 344-6.—**Burgess, A. M.** Progress in private practice; is socialization of medicine needed? Rhode Island M. J., 1937, 20: 1-4.—**Camarillo, L.** La socialización de la medicina. Rev. méd., Puebla, 1935-36, 8: No. 65, 8-12.—**Campbell, W. C.** Socialized medicine in Europe. Memphis M. J., 1940, 15: 18-21.—**Carozzi, L.** Doit-on systématiser la médecine sociale? Bruxelles med., 1931-32, 12: 1330.—**Centralized medicine.** Week. Roster, Phila., 1937, 33: 396.—**Chappell, A. G.** Socialized medicine. J. Am. Osteopath. Ass., 1934, 34: 166-9.—**Christie, A. C.** The socialization of medicine: to what extent is it desirable? J. Iowa M. Soc., 1936, 26: 499-502.—**Cody, C. Jr.** Socialized medicine: its comparative merits. Med. Rec., Houston, 1940, 34: 542-50.—**Cohen, M. B.** One answer to the socialization of medicine. Am. M. Ass. Bull., 1931, 26: 125-37.—**Cumming, R. C.** A young doctor looks at socialized medicine. J. Florida M. Ass., 1940-41, 27: 23.—**Do you want socialized medicine?** Bull. Fulton Co. M. Soc., 1938, 12: No. 15, 3.—**Doctor's (The) side** of the socialized medicine controversy supported by leading columnists throughout the nation. Illinois M. J., 1938, 74: 198-209.—**Does Federal subsidy mean Federal control?** J. Am. M. Ass., 1938, 110: 132.—**Dudgeon, H. R.** Shall medicine be socialized? Texas J. M., 1936-37, 32: 205-8.—**Ellett, E. C.** Socialized control of medicine. Memphis M. J., 1940, 15: 21-5.—**Emerson, H.** The question of socialized medicine. N. York State J. M., 1941, 41: 698-703.—**Everardo Landa.** Concepto y alcance de la socialización de la medicina. Rev. méd., Puebla, 1937, 10: No. 89, 6-28.—**Federal (The) health program and the American Medical Association.** Science, 1938, 88: 275.—**Final returns on socialized medicine questionnaire.** Med. World, 1938, 56: 157.—**Findley, P.** Socialized medicine in Sweden. Nebraska M. J., 1938, 23: 425-7.—**Fishbein, M.** Socialization and paternalism in medical practice. J. Michigan M. Soc., 1926, 26: 491-500.—**Helbich, B.** [Social and socialized medicine]. Vest. čes. lék., 1926, 38: 1; 20; 34.—**Fleming, G.** The socialization of medicine. Canad. Nurse, 1933, 29: 117-22.—**Frackman, H. D.** Socialization of medicine. Am. Med., 1935, 41: 525-7.—**Francis, G. H.** The Negro doctor and the threatened socialization of medicine. J. Nat. M. Ass., Newark, 1933, 25: 20.—**Fulton, W. S.** The socialization of medicine. West Virginia M. J., 1937, 33: 241-9.—**Gladston, I.** The economic and social aspects of socialized medicine. N. England J. M., 1935, 213: 868-72.—**Green, J. E.** Socialized medicine from the viewpoint of a country doctor. Mississippi Doctor, 1939-40, 17: 20-5.—**Griffith, F. W.** Socialized medicine. Indust. M., 1939, 8: 432-4.—**Groover, T. A.** Concerning costs of medical care and attempts at the socialization of medicine. Med. Ann. District of Columbia, 1932, 1: 327-30.—**Haigh, G. W.** Socializing medicine: a rational plan. Am. J. Social, 1932, 37: 612-9.—**The continued socialization of medicine via public health.** Med. Times, N. Y., 1939, 67: 17-9.—**Herbert, E. L.** Should medicine be socialized? Med. J. & Rec., 1932, 135: 7; 7.—**Hertzog, L. S.** The outlook to date. J. Am. Inst. Homeop., 1939, 32: 213-5.—**Holmes, W.**

H. Is socialized medicine the way out? Northwest Univ. Alumni News, 1935, 14: No. 5, 8; 21.—**Hyman, C. W.** What the present trend toward socialized medicine is going to do to the general practitioner. Mississippi Doctor, 1938-39, 16: No. 12, 16-9.—**Illinois doctors** oppose socialized medicine; medical journal's national referendum compares Illinois vote with rest of U. S. Bull. Chicago M. Soc., 1938-39, 41: 41.—**Independence versus centralization in medicine.** Med. World, 1936, 54: 423-5.—**Is socialized medicine the answer?** Week. Bull. S. Louis M. Soc., 1935, 30: 201.—**Johnson, W. O.** Solution of problem of socialized medicine. Kentucky M. J., 1938, 36: 169.—**Jostin, E. P.** The Massachusetts Medical Society and socialized medicine. N. England J. M., 1939, 221: 85-95.—**Kopetzky, S. J.** Socialized medicine in present-day America. Illinois M. J., 1933, 63: 246-8.—**Landa, E.** Concepto y alcance de la socialización de la medicina. Gac. méd. México, 1937, 67: 426; 568.—**Leland, R. G.** Managed medicine. Bull. Am. M. Ass., 1935, 30: No. 7, 104-6.—**Is medicine to be socialized?** Maine M. J., 1937, 28: 207-13.—**Levy, L.** Is socialized medicine necessary? Memphis M. J., 1939, 14: 94-6.—**Lewis, T. K.** Socialized tendencies in medicine. J. M. Soc. N. Jersey, 1936, 33: 631-3.—**McCain, P. P.** The socialization of medicine. South. M. & S., 1935, 97: 311-8.—**McCaughan, R. C.** Government-controlled medicine. J. Am. Osteopath. Ass., 1934-35, 34: 572-9.—**Magee, W. G.** Socialized medicine—No! J. Lancet, 1935, 55: 458-62.—**Medicina social e socialização da medicina.** Brasil med., 1936, 50: 413.—**Mongan, C. E.** Socialized medicine. Apollonian, Bost., 1936, 11: 11-21.—**Montavon, W. F.** Health security under Federal responsibility. Hosp. Progr., 1935, 16: 353-6.—**More about socialized medicine.** Am. Med., 1934, 40: 281-4.—**Moreno Sánchez, M.** Socialización de la profesión de médico. Labor méd., Méx., 1937, 5: 69-72.—**Myers, W. H.** Recent developments in socialization of medicine. J. M. Ass. Georgia, 1937, 26: 462.—**Nuckols, O. P.** Shall medicine become socialized? Kentucky M. J., 1933, 31: 439-41.—**O'Leary, W. D.** How near is socialized medicine? Linacre Q., 1940, 8: 83.—**Opinions of congressmen** toward Federal plans for medical services. J. M. Soc. N. Jersey, 1938, 35: 627.—**Orr, W. H.** Socialized medicine in Europe a failure. Northwest M., 1939, 38: 197-200.—**Owensby, N. M.** Socialized medicine. J. M. Ass. Georgia, 1939, 28: 171.—**Ozelis, K.** [Foundation of social medicine in Lithuania] Medicina, Kaunas, 1930, 11: 816-24.—**Page, J. H.** Socialized medicine; a menace to public health. Texas J. M., 1940-41, 36: 251-3.—**Peacock, A. H.** What is socialized medicine? Northwest M., 1932, 31: 270-3.—**Philbrick, I. C.** The inadequacy of privately-fed medicine. Med. Rec., N. Y., 1916, 90: 457-60.—**Piccoli, L. J.** Socialized medicine and public health. Am. J. Pharm. Educ., 1939, 3: 48-53.—**Pleasants, H., Jr.** Socialized medicine—or what? Med. World, 1935, 53: 228-32.—**Potter, H. W.** Is socialized medicine the next step? Virginia M. Month., 1938, 65: 11-3.—**President's (The) health program.** J. Am. M. Ass., 1939, 112: 441.—**President (The) [of the United States]** speaks his mind. Med. Ann. District of Columbia, 1940, 9: 401.—**Pugh, W. S.** Socialized medicine (the remedy for our physicians' dilemma) Am. Medicine, 1935, 41: 17-21.—**Rawls, J. E.** Socialized medicine. Virginia M. Month., 1938, 65: 635.—**Reeves, R. S.** Timely remarks on socialized medicine. Week. Roster, Phila., 1937, 33: 441; 444.—**Reynolds, R. A.** State sponsored medical aid at cost. California West. M., 1931, 35: 162.—**Riemann, F. A.** Federal participation in medical care; a suggested plan. Pennsylvania M. J., 1939-40, 43: 52-5.—**Rojas, N.** La opinión del maestro Nerio Rojas sobre los graves problemas actuales del trabajo médico; socialización? nacionalización? Reforma méd., Lima, 1937, 23: 719-22.—**Rosenthal, M.** Why socialized medicine is inevitable. N. York State J. M., 1935, 35: 495-7.—**Rosenwald fund** announces plan for socialization. J. Am. M. Ass., 1935, 104: 1912.—**Ross, D.** Medicine and State control. J. Indiana M. Ass., 1921, 14: 371-6.—**Russ, W. B.** The New Deal and the socialization of medicine. Texas J. M., 1938-39, 34: 558-63.—**S. E. H.** Political medicine. Kansas City M. J., 1939, 15: No. 3, 3.—**Sargent, J. C.** Socialized medicine. J. Connecticut M. Soc., 1938, 2: 445.—**Schaffle, K.** A plea for socialized medicine. South. M. & S., 1939, 101: 110-6.—**Shore, E. L.** The doctor looks at socialized medicine. West Virginia M. J., 1938, 34: 311-8.—**A doctor looks at socialized medicine and raises the question; shall the first aim of medical service be quality or quantity?** J. Tennessee M. Ass., 1939, 32: 314-8.—**Sidbury, J. B.** The doctor and socialized medicine. North Carolina M. J., 1940, 1: 1-8.—**Skaggs, C. S.** Socialization means that medicine is a business. Illinois M. J., 1940, 78: 479.—**Slavit, J.** The challenge of socialized medicine. Survey, 1934, 23: 596; 636.—**Socialized medicine; extension of remarks of Hon. David I. Walsh of Massachusetts in the Senate of the United States.** J. Am. M. Ass., 1938, 110: 179B.—**Socialization (The) of medicine; an analysis of the trend, an examination of the public interest and program for the medical profession.** Westchester M. Bull., 1934, 2: No. 4, 1; 10.—**Spencer, R. R.** Socialized medicine at the A. M. A. meeting. Health Off., Wash., 1938, 3: 70-2.—**Spengler, N. L.** Socialized and cultizied medicine. Med. Rec., N. Y., 1934, 140: 516-8.—**Summers, W. G.** Socialization of medicine. Linacre Q., N. Y., 1931-35, 3: 30-7. Also Med. Soc. Rep., Scranton, 1935, 29: 11. Also Memphis M. J., 1935, 10: 34-6.—**T. G.** [On ambulant State subsidised sick-fund-banks; their reorganization, etc.] Sven. läk. tidn., 1927, 24: 84-6.—**Taylor, R. W.** Is the filling of prescriptions in clinics leading to socialized medicine? Mask. Menasha, 1937, 34: 31-3.—**Telegram (A) from Mr. Willkie.** Med. Rec., Houston, 1940, 34: 593.—**Varser, L. R.** A lay view

Zanger, Zür., 1935, 2: 749-58.—Sloan, R. P. Those Windham juniors! *Mod. Hosp.*, 1938, 51: No. 5, 44-7.—Sloane, P. Direct treatment in social case work. *Am. J. Orthopsychiat.*, 1937, 7: 182-93.—Smith, M. M. Medical social service. *Hospitals*, 1938, 12: No. 2, 27-31.—Soule, T. H. Social service in a municipal hospital. *Ibid.*, 1937, 11: No. 12, 86-9.—Spiers, M. L. Recent developments in medical social service. *Tr. Am. Hosp. Ass.*, 1933, 35: 505-17.—Steller, M. [Fürsorge-einwirkung in philosophischer Beleuchtung] *Orsz. Közegészs. Int. közl.*, 1934, 7: No. 30.—Tartakoff, R. Social-service admitting in public hospitals. *Hospitals*, 1938, 12: No. 12, 22-4.—Tüllmann, A. Neue Aufgaben der Fürsorgedienste im Krankenhaus. *Zschr. ges. Krankenhauswes.*, 1934, 178-80.—Ergebnisse einer Erhebung über den Fürsorgedienst im Krankenhaus. *Ibid.*, 1937, 188: 209.—Vogel, F. Die Krankenhausfürsorge. *Ibid.*, 1927, 23: 758-60.—Waters, L. R. How social service supplements treatment. *Mod. Hosp.*, 1926, 26: 46-9.—Webb, C. B. Popularizing your hospital through a social service department. *Hosp. Social Serv.*, 1929, 19: 365-70.—Webb, C. W. Hospital social service and community relationships in 100% registration. *Ibid.*, 1932, 26: 451-6.—Weinstock, R. C. Ueber Zusammenhänge und Zusammenarbeit zwischen Wohlfahrtspflege und Krankenhaus. *Zschr. ges. Krankenhauswes.*, 1928, 24: 448-52.—Wilkes, B. A. Creating contact points with the community. *Mod. Hosp.*, 1927, 29: 81-3.—Woodbury, W. R. Medical social service work. *Boston M. & S. J.*, 1910, 163: 288-90. Also repr.

Social service: Organization and personnel.

See also **Hospital**.

AMERICAN ASSOCIATION OF MEDICAL SOCIAL WORKERS. EDUCATION COMMITTEE. The participation of medical social workers in the teaching of medical students. 68p. 23½cm. Chic., 1939.

BARTLETT, H. M. Medical social work; a study of current aims and methods in medical social case work. 223p. 8° Chic., 1934.

CAUCHOIS, M. *Douze ans de service social à l'hôpital Trousseau. 118p. 8° Par., 1936.

CHAMPION, W. M. Medical information for social workers. 529p. 17½cm. Balt., 1938.

DEPDOLLA, M. [geb. Gläser] *Die Organisation des Fürsorgedienstes im Krankenhaus in Berlin [Berlin] 47p. 8° Charlottenb., 1930.

GREAT BRITAIN. HOSPITAL ALMONERS' ASSOCIATION. The hospital almoner; a brief study of hospital social service in Great Britain. 168p. 8° Lond., 1935.

HURLIN, R. G. Salaries in medical social work in 1937. 34p. 23cm. N. Y., 1938.

JANIN, E. *Fonctionnement du Service Social à l'hôpital et en particulier à la Maternité de l'Hôpital Lariboisière. 52p. 8° Par., 1929.

NEW YORK CITY. MOUNT SINAI HOSPITAL. SOCIAL SERVICE DEPARTMENT. A review 1927-1937. 80p. 8° N. Y., 1938.

WULKOP, E. The social worker in a hospital ward. 347p. 8° Bost., 1926.

Aluyen, A. Social service exchange for the Philippine general hospital undertaken by Bureau of Public Welfare. *Filip. Nurse*, 1936, 11: 24; 52.—Arreté du 5 novembre 1936 sur le conseil de perfectionnement des écoles d'infirmières soignantes et du service social. *Bull. Min. san. pub.*, Par., 1936, 227.—Augustin. Die Einfügung der sozialen Krankenhausfürsorge in das städtische Gesundheits- und Wohlfahrtswesen. *Zschr. Schulgesundh.*, 1927, 40: 644-50.—Austin, L. C. Gray lady service. *Hosp. Management*, 1939, 47: No. 2, 17.—Bailey, A. A., & Weiskotten, H. G. The training of the student in what is involved in adequate medical care. *J. Am. M. Ass.*, 1937, 109: 2136.—Baker, E. M. Medical social worker is interpreter between patient and hospital. *Mod. Hosp.*, 1934, 42: 65-8.—Bartlett, H. M. Professional service of the medical social worker. *Hosp. Management*, 1937, 44: No. 3, 22-3.—Should the social service department see only patients recommended by the medical staff? *Hospitals*, 1940, 14: No. 2, 118-26.—Becker, S. W. The place of social worker in the medical team. *Ibid.*, 1937, 11: No. 10, 102-10.—Beckley, H. Present and future trends in medical social work. *Hosp. Management*, 1935, 40: 18.—Beeler, J. M. Advantages of social service to the small hospital. *Bull. Am. Hosp. Ass.*, 1931, 5: 53-7.—Berger, S. S. How standards in a social service department affect the practice of clinical medicine. *Hospitals*, 1937, 11: No. 2, 30.—Bergstrand, A. [On the social-hygiene work of public health doctors] *Sven. läk. tidn.*, 1937, 34: 988-96.—Bilder, R. P. Graduate nurse vs medically trained social workers in hospital social service. *Hosp. Social Serv.*,

1932, 26: 339.—Bishop, E. L. The integration of social objectives. *Papers Health Work. Conf. Tennessee*, 1937, 9: 8-11.—Bohnenkamp, I. Ueber die Erweiterung der klinischen Aufgaben durch soziale Krankenhausfürsorge. *Med. Welt*, 1935, 9: 419-21.—Borzell, F. F. The medical profession and the social worker. *Pennsylvania M. J.*, 1937-38, 41: 683-7.—Boulonnais, L. Le service social dans l'administration municipale; l'expérience de Suresnes. *Ann. hyg., Par.*, 1931, n. ser., 9: 29-43.—Browne, H. W. Is a hospital complete without a social service department? assisting doctors in the study of the whole man is the special function of the hospital social service department. *Hosp. Management*, 1935, 39: 15-41.—Cabot, R. C. [Was ist Fürsorgedienst im Krankenhaus?] *Zschr. ges. Krankenhauswes.*, 1928, 24: 548-50.—Cannon, I. M. The functions of medical social service in the United States. *Hosp. Social Serv.*, 1932, 27: 1-16.—Social service, medical, in relation to organized medical practice. In *Cyclop. Med. (Piersol-Bortz)* Phila., 1940, 13: 952-64.—Cannon, M. A. Equipment needed by the medical social worker. *Proc. Nat. Conf. Social Work*, 1925, 52: 672-6.—Scope and organization of medical social service. *Hosp. Social Serv.*, 1932, 26: 102-8.—Carrera, J. L., & Reinecke, R. Un año de funcionamiento del servicio social. *Sem. méd.*, B. Air., 1939, 46: pt. 2, 294-6.—Chadwick, H. D. Case-finding program in Massachusetts. *Health, Lansing*, 1939, 26: 3-7.—Cheney, A. M. How far should a hospital finance social work for its patients? *Hosp. Social Serv.*, 1926, 13: 443-61.—Coblentz, C. C. The social service problems of the women of Germany. *Trained Nurse*, 1937-38, 99: 61-4.—Cohen, E. Integration of government and voluntary hospital services through social service. *Hospitals*, 1941, 15: No. 3, 87-91.—Cole, J. E. Impresiones y conceito sobre la acción social y del estado desarrollada en Rio de Janeiro. *Arch. med. leg. ident.*, Rio, 1938, 15, 247-9.—Cole, W. C. C. The relation of the practicing physician to the public health and social worker. *Hosp. Social Serv.*, 1932, 26: 98-101.—Conseil supérieur de l'Assistance Publique. *Bull. san. pub.*, Brux., 1938, 3: 558-60.—Cooke, G. The advantages to the patient of a united participation in medical social case work. *Proc. Conf. Nat. Soc. Prev. Blindness*, 1935, 27-30.—Davis, C. E. To educate nurses, doctors, and others engaged in the care of the sick. *Bull. Am. Coll. Surgeons*, 1936, 21: 32.—Del Carril, M. L., & Del Carril, M. L. El servicio social en el pabellón de lactantes del Hospital de Niños. *Arch. argent. pediat.*, 1935, 6: 638-45.—Dresel, E. G. Sozialhygienische Fürsorgebestrebungen. *Erg. Hyg. Bakt.*, 1922, 5: 791-867.—Duguid, I. V. Some of the problems encountered by the social worker in the tumor clinic in a general hospital. *Bull. Am. Soc. Cancer*, 1937, 19: No. 3, 3-7.—Estabrook, A. L. Selection and emphasis in hospital social work. *Hosp. Social Serv.*, 1927, 15: 379-95.—Ferrer, J. Stimulating social service through lay committee members. *Mod. Hosp.*, 1940, 54: No. 6, 47.—Fijan (Se) normas sobre asistencias de enfermos en los sanatorios. *Bol. san.*, B. Air., 1939, 3: 519.—Fishbein, M. The physician and the social service agencies. *Illinois M. J.*, 1940, 77: 466.—Ford, E. J. North End Community Clinic broadens its service. *Mod. Hosp.*, 1927, 28: No. 6, 150-4.—Foster, E. Is an independent administration of health and social work desirable? *Proc. Nat. Conf. Social Work*, 1925, 52: 175-9.—Gemelli, A. Assistenza laica o assistenza religiosa negli ospedali? *Osp. maggiore*, Milano, 1930, 18: 451-6.—George, E. M. Report of the Social Service Department. *Annual Rep. Minneapolis Gen. Hosp.*, 1933, 3: 142-52.—Gervais, F. L'oeuvre sociale de la France en Algérie hier et aujourd'hui. *Bull. san. Algérie*, 1940, 35: 487-97.—Glassman, B. Effects of the depression on the Department of Social Work. *Jewish Hospital, St. Louis, Missouri*. *Tr. Am. Hosp. Ass.*, 1933, 35: 496-504.—Golub, J. J. The interdependence of the dispensary and the social agency. *Hosp. Social Serv.*, 1930, 21: 1-4.—Goodyear, G. E. Women's auxiliary in a small hospital. *Hospitals*, 1940, 14: No. 12, 39.—Gottstein, A. Entwicklung und Stand der sozialhygienischen Fürsorge. *Med. Klin.*, Berl., 1927, 23: 707-9.—Grant, I. Getting good social workers. *Mod. Hosp.*, 1937, 49: No. 2, 65-7.—Griffin, M. F. Hospital service associations. *Hospitals*, 1939, 13: No. 3, 13-7.—Hall, F. A. Work of interagency service of the Bureau of Social Welfare. *Puerto Rico Health Bull.*, 1938, 2: 314.—Halloran, H. M. Organization of the social service department in the hospital. *Hosp. Management*, 1937, 43: No. 6, 22; 52.—Hamilton, G. A medical social terminology; preliminary report of a study in classification and terminology for case work in hospitals and clinics. *Hosp. Social Serv.*, 1927, 15: 199-233.—Harms, B. Die gegenwärtige und künftige Gestaltung der sozialen Krankenhausfürsorge. *Arch. sozial. Hyg.*, 1926-27, n. F., 2: 70.—Hazemann. Organisation d'un service social à Vitry-sur-Seine. *Ann. hyg., Par.*, 1926, n. ser., 4: 536-45.—Health in the National Conference of Social Work. *Mother & Child*, 1923, 4: 262-9.—Henninger, A. G. What is relationship of auxiliary to administrator? *Hospitals*, 1940, 14: No. 6, 97.—Hielt, E. G. The social worker's relationship to medical patients. *Hosp. Management*, 1941, 51: No. 3, 22.—Hochi (The) Simbun's social service work. *Japan Times*, 1934, Oct., 58.—Hodge, B. The relation of the medical social worker to the physician. *N. Orleans M. & S. J.*, 1937-38, 90: 659-62.—Hodson, W. The health and welfare resources of the city for the physicians. *Bull. N. Y. Acad. M.*, 1933, 2, ser., 9: 392-400.—Holten, C. [Volunteers and hospital divisions] *Bibl. laeger*, 1940, 132: 1-8.—Hopkins, H. L. The place of social work in public health. *Proc. Nat. Conf. Social Work*, 1926, 53: 222-7.—Hospital social service by the Red Cross. *J. Am.*

- M. Ass., 1941, 116: 1399.—Inez, M. Methods for the promotion of medical-social service in catholic hospitals. Hosp. Progr., 1934, 15: 423-6.—Jensen, A. C. What Fairmont Hospital has done for the chronic and the convalescent. Mod. Hosp., 1927, 28: No. 6, 61-7.—John Baptist, Sister. Social service in Nova Scotia. Hosp. Progr., 1937, 18: 106-9.—Jorge, J. M. El servicio social en la clínica quirúrgica del hospital. Sem. méd., B. Air., 1934, 41: 853-61.—Journées d'études du Comité français de service social; Paris, janvier 1940. Méd. inf., Par., 1940, 47: 156-68.—Killam, M. W. State hospital social work in Massachusetts. Bull. Massachusetts Com. Ment. Dis., 1933, 17: 17-21.—Knack, A. V. Soziale Therapie im Krankenhaus und Praxis. Zschr. Schulgesundh., 1927, 40: 650-64.—Kraus, H. Lay participation in social work from the point of view of public agencies. Pub. Health Nurs., 1934, 26: 525-8.—Landsberg, H. Der holländische Fürsorgedienst im Krankenhaus. Zschr. ges. Krankenhauswes., 1928, 24: 457. — Inwiefern kann die ärztliche Tätigkeit in der Poliklinik durch eine Fürsorgerin unterstützt werden? Deut. med. Wschr., 1932, 58: 1098.—Langendörfer. Wirtschaftliche Ausgestaltung der kommunalen Wohlfahrts-pflege durch Kommunalarzt und Fürsorgerin. Zschr. Schulgesundh., 1926, 39: 289-300.—LaSaine, T. A. Teaching the social component of medical care at Meharry Medical College. J. Nat. M. Ass., N. Y., 1940, 32: 248-51.—Lassnet. L'assistance social para-médicale en Algérie. Bull. Off. internat. hyg. pub., Par., 1935, 27: 1977-2002.—Lassalle, B. Social work in Puerto Rico. Bull. Dep. Health Puerto Rico, 1937, 1: 73. — News from the Bureau of Social Welfare. Ibid., 1940, 4: 306-8.—Lauer, F. S. The social worker's contribution to effective treatment. Mil. Surgeon, 1937, 81: 43-8. Also repr.—Lehrburger, P. L. Organization and operation of volunteer service in a general hospital. Hospitals, 1940, 14: No. 3, 83-8.—Lemaire, G. Le service social de l'hôpital de Mustapha. Rev. hyg. méd. social., 1938, 17: 26-30.—Lewis, R. How the medical social worker can assist in the present economic depression. Bull. Am. Coll. Surgeons, 1933, 17: 40-3.—Lovell, B. C. Medical social case work. Hosp. Social Serv., 1932, 25: 9-16.—McComb, E. J. A cooperative experiment between a public relief agency and a hospital social service department. Ibid., 1933, 27: 499-507.—McGuire, M. The social worker links patient, doctor and hospital. Mod. Hosp., 1935, 45: No. 6, 61.—Medary, B. H. Social service; its place in hospital organization. Hosp. Social Serv., 1930, 21: 317-24.—Minot, G. R. The physician, student and medical social worker. Boston M. & S. J., 1925, 193: 1090-2.—Mirante, G. Organisation et fonctionnement du service social à Oran. Bull. san. Algérie, 1937, 32: 1387-90.—Mogilnicki, T. Le rôle social du médecin de l'hôpital rural. Nosokomeion, Stuttg., 1934, 5: 47-51.—Moore, E. M. The relationship of the medical-social worker to the institution. Hosp. Social Serv., 1933, 28: 43-6.—Morris, I. E. Medical social work as an expression of the Catholic hospital's responsibility. Hosp. Progr., 1938, 19: 221-6. — An evaluation of departments of medical social service in selected Catholic hospitals. Ibid., 1939, 20: 9-28. Also repr.—Munger, C. W. What the hospital expects of its social worker. Hospitals, 1937, 11: 43.—Nicholson, E. Educational aspects of medical social service and technical problems involved in practice. Hosp. Progr., 1937, 18: 312-5.—Nouillard, M. The development of hospital social service in France. Proc. Nat. Conf. Social Work, 1923, 50: 30-6.—O'Dwyer, T. J. With reference to diocesan welfare agencies and activities. Hosp. Progr., 1940, 21: 354-6.—Organizing the Auxiliary with service as its goal. Mod. Hosp., 1941, 56: No. 2, 67-9.—Ovens, A., Ruppert, E., & Sellow, G. Hospital social service in relation to the training of the student nurse. Hosp. Social Serv., 1927, 15: 421-3.—Palacios Costa, N., & Ducrot, A. F. Acción social durante el año 1939. Sem. méd., B. Air., 1940, 47: 937-45.—Palacios Costa, N., & Pastorini, R. Un plan de organización del servicio social. Ibid., 1937, 44: 1305-11.—Parisot, J. Le service social à l'hôpital en France. Nosokomeion, Stuttg., 1937, 8: 219-24. — L'orientation et la coordination des efforts du service social en France. Rev. hyg. méd. social., 1938, 17: 78-88.—Patients served by Medical-Social-Service Departments. Child, Wash., 1940, 5: No. 3, Suppl. 1, 3-7.—Piéri, L. Le service social et l'enseignement ménager. Rev. méd. sociale, Par., 1939, 7: 21-33.—Pini. L'assistenza laica. Italia san., 1910, 6: 355.—Pintado Rahn, M. The work of the Bureau of Social Welfare. Puerto Rico Health Bull., 1938, 2: 87-9. — Relaciones de cooperación entre el trabajo social y la medicina. Bol. As. méd. Puerto Rico, 1937, 29: 415-23.—Primer (El) año de labores de la Escuela de servicio social. Reforma méd., Lima, 1939, 25: 73-6.—Pruitt, I. Medical social workers: their work and training. Chin. M. J., 1935, 49: 909-16, ch.—Pruneda, A. El servicio médico-social de la Universidad nacional. Gac. méd. México, 1940, 70: 143-51.—Quezon, M. L. Cooperate with the government in carrying out its program of social justice. Filip. Nurse, 1:39, 14: No. 3, 9-11.—Riley, W. A. Swedish hospital planning and its relation to social service problems. Hospitals, 1940, 14: 85.—Roberts, M. H. Standards for a medical social service department; their significance in the development and evaluation of such a department. Bull. Am. Coll. Surgeons, 1939, 24: 230.—Robinson, V. P. Educational problems in preparation for social case-work. Ment. Hyg., Alb., 1930, 14: 828-36.—Sartwell, R. H. Social research in an infirmary. Proc. Nat. Conf. Social Work, 1926, 53: 519-23.—Seltzer, E. G. The value of a survey in setting standards in medical social service. Hospitals, 1937, 11: No. 2, 89.—Sister M. Mathilde. Medical social work as an aid to the Church in hospital activity. Hosp. Progr., 1940, 21: 243-5.—Snow, W. F. The growth of the social point of view in the medical field. Proc. Nat. Conf. Social Work, 1923, 50: 56-8.—Social service in New Zealand. J. Am. M. Ass., 1939, 113: 1502.—Spangenberg, J. J. Asistencia social y coordinación sanitaria. Bol. san., B. Air., 1939, 3: No. 8, 529-35.—Spinelli, S. L'assistenza sociale negli ospedali; il problema dei convalescenti e l'attività della commissione visitatrice degli istituti ospedalieri di Milano. Osp. maggiore, Milano, 1938, 26: 268-74.—St. Krankenhausaufnahme, Hilfsbedürftigkeit und Fürsorgeverband. Zschr. ges. Krankenhauswes., 1939, 18.—Stites, M. The functions of the hospital administration in the medical social service staff. Hosp. Progr., 1937, 18: 286-8.—Tandler, J. The scientific method in social and health work. Hosp. Social Serv., 1930, 21: 77-86.—Taylor, E. G. The auxiliary or subsidiary worker in the care of the sick. Internat. Nurs. Rev., Genève, 1939, 13: 314-21.—Teixeira, Y., & Rosario Fonseca Rosas, M. do. Notas sobre o serviço social do ambulatório anexo ao Hospital São Luiz Gonzaga Jacaça. Ann. paul. med. cir., 1939, 37: 399-405.—Thom, D. A. Results and future opportunities in the field of clinics, social service and parole. Proc. Nat. Conf. Social Work, 1922, 49: 375-81.—Thornton, J. Social case method in health work. Ibid., 1923, 50: 23-7.—Tomescu, P. [The social service league] România med., 1939, 17: 29.—Tracy, M. H. Volunteer service stressed by women's auxiliary group. Hosp. Management, 1940, 50: No. 4, 27.—Tüllmann, A. Soziale Fürsorge in den Polikliniken. Zschr. Schulgesundh., 1926, 39: 356-9. — Soziale Krankenhausfürsorge in England. Ibid., 1927, 40: 13-22. — Anregungen für die Einführung des Fürsorgedienstes im Krankenhaus. Zschr. ges. Krankenhauswes., 1934, 131. — Die Aufgaben des Fürsorgedienstes im Krankenhaus in Kriegszeiten. Ibid., 1939, 467.—Vonessen. Die Fürsorgertätigkeit und die praktizierende Ärzteschaft. Zschr. Schulgesundh., 1926, 39: 485-94.—Webb, C. B. The hospital social worker in her varied relationships. Hosp. Social Serv., 1927, 15: 517-21. — Hospital social service in its relationship to community welfare organizations. Ibid., 1931, 24: 26-33.—Weisbach, D. Die soziale Krankenhausfürsorge im Lenox Hill Hospital, New York City, N. Y. Zschr. ges. Krankenhauswes., 1928, 24: 70-2.—White, H. C. The relation of the family case work agency to the clinic. Hosp. Social Serv., 1928, 18: 9-17.—Wilkes, L. A. The medical social service worker as a parental educator. Ibid., 1932, 25: 450-8.—Wilson, L. R. Social service—a financial asset to the hospital. Bull. Am. Hosp. Ass., 1934, 8: 73-6.—Wilson, M. R. Instruction in medical social work for student nurses. Hosp. Social Serv., 1926, 13: 200-18.—Young, J. C. A plan for the reorientation of the social services. Ulster M. J., 1937, 6: 187-202.—Zaldondo, C. El servicio social y su desarrollo en Venezuela. Bol. Min. san., Caracas, 1938, 2: 1625-37.—Zeitler, R. Die Gesundheitsfürsorge im Dritten Reich unter besonderer Berücksichtigung der Krankenhäuser nach der neuesten Gesetzgebung. Zschr. ges. Krankenhauswes., 1939, 122-4.
- State medicine.
- AMERICAN MEDICAL ASSOCIATION. BUREAU OF MEDICAL ECONOMICS. Handbook of sickness insurance, state medicine and the cost of medical care. 182p. 8°. Chic., 1934. Also 182p. 2½cm. 1939.
- HOFFMAN, F. L. Facts and fallacies of compulsory health insurance. 101p. 8°. Newark, N. J., 1917.
- KINGSBURY, J. A. Health security for the nation. 40p. 23cm. N. Y. [1938]
- KÜHNE, B. Krankenversicherung. 2. Aufl. 587p. 24½cm. Berl., 1939.
- MALDONADO, B. C. Seguro social y salubridad. 96p. 18½cm. Santiago de Chile, 1939.
- MÖHRINGER, J. Umsturz in der Staatsmedizin. Bd 1: Widersprüche und Tatsachen gegen die Grundlehren der Staatsmedizin. 128p. 8°. Freib. i. B., 1925.
- OCHSNER, E. H. Social insurance and economic security. 289p. 8°. Bost. [1934]
- OUWERX, P. Médecine libérale; médecine étatisée; médecine libre. 67p. 19cm. Tongres, 1937.
- WALCH, J. W. Complete handbook on state medicine. 158p. 8°. Portland, Me., 1935.
- A who's who on state medicine. 8p. 16°. Portland, Me., 1935.
- WILLIAMS, P. A. Uncle Sam, M. D.; compulsory health insurance. 6p. 4°. N. Y., 1937.
- Allen, L. C. State medicine. J. M. Ass. Georgia, 1938, 27: 174-80.—American foundation studies in government. J. Am. M. Ass., 1937, 108: 1262-4.—Amster, J. L. Compulsory

- health insurance. N. York M. J., 1918, 107: 767.—**Bakel**, H. S. Some factors in state medicine. J. M. Soc. N. Jersey, 1932, 29: 538-46.—**Baldwin**, J. F. State medicine. Med. Mentor, 1933, 4: 19-33.—**Ballinger**, J. R. Compulsory health insurance. Illinois M. J., 1919, 35: 9.—**Bardaji López**, E., **Bellojin García**, M., & **González Rodríguez**, P. El seguro social de enfermedad y la sanidad municipal. Actas Congr. nac. san., Madr. (1934) 1935, 1, Congr., 1: 449-61.—**Bardeen**, C. R. The State society, the State university and state medicine. Wisconsin M. J., 1905-6, 4: 11-23.—**Beeson**, R. H. State medicine. J. Indiana M. Ass., 1931, 24: 367-71.—**Bomberger**, L. L. State medicine, a lawyer's viewpoint. Ibid., 1938, 31: 142-5.—**Bullitt**, J. B. Annual oration. N. Orleans M. & S. J., 1931, 84: 227-33.—**Carrington**, W. J. Compulsory health insurance. J. M. Soc. N. Jersey, 1939, 30: 99-102.—**Carte**, E. C. State medicine. N. York M. J., 1906, 83: 232-5. Also repr.—**Chaney**, W. C. State medicine. Memphis M. J., 1938, 13: 147.—**Compulsory** health insurance. Radiology, 1935, 24: 368-70.—**Compulsory** sickness insurance. Med. Times, N. Y., 1937, 65: 24; 33.—**Cox**, A., **Topping**, A. [et al.] The proper sphere of state medicine. Lancet, Lond., 1939, 1: 509. — Discussion on the proper sphere of state medicine. Proc. R. Soc. M., Lond., 1938-39, 32: Sect. Epidem. State M., 729-34.—**Dixon**, S. G. Oration on state medicine. Pennsylvania M. J., 1906-7, 10: 8-13.—**Evans**, J. State medicine. Tr. Tristate M. Ass., 1901, 3: 46-65.—**Fairhall**, J. Compulsory insurance. Illinois M. J., 1919, 35: 12-6.—**Federal** sickness insurance. Week. Bull. S. Louis M. Soc., 1936-37, 31: 201.—**Fishbein**, M. Health security for the American people. Bull. Am. M. Ass., 1936, 2: 40-2. — State medicine and social security. J. Am. Dent. Ass., 1937, 24: 1672-4.—**Flannagan**, J. E. K. State medicine problems. Virginia M. Month., 1934, 61: 355-44.—**Fletcher**, G. B. Compulsory health insurance. J. Arkansas M. Soc., 1936-37, 33: 169.—**Forrest**, A. E. Compulsory social insurance. Proc. Nat. Conf. Social Work, 1917, 44: 542-50. Also Wisconsin M. J., 1917-18, 16: 354-8.—**France**, E. Neure Arbeiten aus dem Gebiete der staatlichen Arbeitsversicherung und sozialen Medizin. Med. Klin., Berl., 1914, 10: 205-8.—**Gilfillan**, J. S. Compulsory sickness insurance. Minnesota M. J., 1932, 15: 295-305.—**Government** as guardian of health of people; is state obligated to protect citizen against disease and unemployment and in old age? California West. M., 1934, 41: 117.—**Griess**, W. R. Some phases of state medicine. West Virginia M. J., 1932, 28: 49-58.—**Hanauer**, Sozialversicherung und Krieg. Med. Klin., Berl., 1916, 12: 987; 1012.—**Hastings**, S. The evolutionary necessity of a state medical service. Med. Off., Lond., 1939, 61: 167.—**Hoffman**, E. L. Compulsory health insurance. California West. M., 1934, 40: 411; 41; 398; 1935, 42: 108; 168.—**Hohlen**, K. S. J. High cost of medical care and state medicine. Nebraska M. J., 1930, 15: 217-20.—**Hohly**, P. State medicine. Bull. Acad. M. Toledo, 1935, 19: No. 3, 3.—**Holland**, E. E. State medicine. Tr. Indiana Acad. Ophth. Otolaryng., 1938, 13-21.—**Horton**, C. M. State medicine. N. Orleans M. & S. J., 1938, 90: 697-700.—**Hurty**, J. M. State medicine and hygiene. Tr. Indiana M. Soc., 1903, 54: 316-27.—**Kelly**, H. T. Compulsory health insurance. Westchester M. Bull., 1933, 1: No. 3, 1.—**Kuhn**, L. P. Compulsory health insurance. Illinois M. J., 1918, 33: 36-41.—**Lawyer** (A) looks at state medicine. Week. Bull. S. Louis M. Soc., 1937-38, 32: 410-4.—**Lockhart**, L. P. Industrial influences on the development of state medicine. Proc. R. Soc. M., Lond., 1936-37, 30: 91-100.—**McCaughan**, R. C. State medicine. J. Am. Osteopath. Ass., 1934-35, 34: 360-4.—**McCord**, M. M. State medicine. J. M. Ass. Georgia, 1938, 27: 183-93.—**MacDonnell**, H. W. Health insurance from the point of view of the employer. Canad. Lancet Pract., 1931, 76: 168-74.—**Moribundant** governmental medicine. Month. Bull. Kansas City Clin. Soc., 1936, 12: 3.—**Neal**, J. R. An appraisal of compulsory health insurance. Illinois M. J., 1939, 75: 15-8.—**Noël**, Z. T. Los nuevos conceptos del seguro social. Crón. méd., Lima, 1936, 53: 144-6.—**Ochsner**, E. H. Social insurance. Delaware M. J., 1932, 4: 87-90. Also Maine M. J., 1932, 23: 180. Also Clin. M. & S., 1933, 40: 313.—**O'Mara**, T. F. State medicine. J. Indiana M. Ass., 1933, 26: 60-2.—**Parran**, T., jr. Health security. Med. Woman J., 1936, 43: 210-1.—**Procházka**, F. [Social insurance] Cas. lók. česk., 1909, 48: 286; passim.—**Promotion** (The) of social security. Q. Bull. Health Org. League of Nat., 1936, 5: 858-73.—**Public** health insurance. Month. Bull. Kansas City Clin. Soc., 1934, 10: 3-14.—**Quigley**, D. T. State medicine. Med. Mentor, 1930, 1: 295-303.—**Raitzin**, A. La medicina función del estado. Rev. crim., B. Air., 1930, 17: 678-90.—**Remmen**, E. T. Compulsory health insurance. West. Hosp. Rev., 1933-34, 21: 5; 24.—**Roche**, J. Economic security and health. In Policies Pub. Health (Milbank Mem. Fund) N. Y., 1935, 97-109.—**Rubinow**, I. M. Compulsory health insurance. J. Am. M. Ass., 1917, 68: 1278.—**Ryfkogel**, H. A. L. Compulsory health insurance. Midland Drug. Pharm. Rev., 1918, 52: 513.—**Shoulders**, H. H. State medicine. J. Tennessee M. Ass., 1936, 29: 1-12.—**Sickness** under national health insurance. J. Am. M. Ass., 1938, 111: 1474.—**Social** insurance. Illinois M. J., 1916, 30: 421-44.—**Sondern**, F. E. Medicine and men: a discussion of compulsory sickness insurance. J. Philippine Island M. Ass., 1936, 16: 689-705.—**State** medicine. S. Mary's Hosp. Gaz., Lond., 1939, 45: 51-3.—**Swanish**, P. T. The status of medicine under the new deal. Illinois M. J., 1934, 65: 505-8.—**Tannenbaum**, S. A. State medical service. Am. Med., 1933, 39: 529-31. — State medicine. Med. Rev. of Rev., 1936, 42: 161; passim.—**Warbasse**, J. P. State medicine. In his Doctor and the public, N. Y., 1935, 493-503.—**Waterman**, M. A. Social health insurance. Pacific Coast J. Nurs., 1918, 14: 533-40.—**Wentz**, H. B. State medicine. Med. World, 1936, 54: 179.—**Wolfenden**, H. H. The definitions and features of health insurance and state medicine. Canad. M. Ass. J., 1940, 42: 178-81.
- **State medicine: Administration.**
- INTERNATIONAL LABOUR OFFICE. Economical administration of health insurance benefits. 332p. 24cm. Genève, 1938.
- KREIL**, J. Die rechtliche Stellung der Leiter der Krankenkassen. 230p. 8°. Berl. [1936]
- Baum**, M. Beamtinnen im Dienste der Sozialversicherung. Zschr. Bevolkpolitt., 1916-17, 9: 368-73.—**Burocracia** médica. Labor méd., Méx., 1940, 8: 45-7.—**Economical** administration of health insurance benefits. J. Am. M. Ass., 1939, 112: 1730.—**Garrett**, R. Health security administration; how it functions. Med. Ann. District of Columbia, 1940, 9: 220-3.
- **State medicine: Cost and budgeting.**
- POSTHUMA**, L. L. Ziekteverzekering; uitgaven en inkomsten. 46p. 8°. Utrecht, 1906.
- Analysis** (An) of expenditures by the United States Government for medical, hospital, and allied services. J. Am. M. Ass., 1939, 113: 512.—**Backer**, K. H., & **Møller**, K. O. [Medical expenditures of the sickness insurance fund] Ugeskr. læger, 1941, 103: 49-51.—**Cash** (The) side of health insurance. Lancet, Lond., 1938, 2: 1376.—**[Commonwealth of Australia]** National health insurance; first allocation of public money. Australas. J. Pharm., 1927, n. ser., 8: 831-3.—**Cost** of alternative services. Rep. Med. Off. Health Glasgow, 1934, 389-97.—**Costs** of compulsory health insurance plan; House bill No. 622. Pennsylvania Legislature, 1937. Pennsylvania M. J., 1936-37, 40: 554.—**Defoug**, C. Les prestations spéciales en matière d'assurances sociales. Gaz. méd. France, 1938, 45: 801.—**Dobbernack**, W. Die finanzielle Entwicklung der deutschen Sozialversicherung. Arch. sozial. Hyg., 1923, n. F., 3: 493.—**Eggink**, C. [Concentration of sickness funds] Ned. tschr. geneesk., 1940, 84: 3244-6.—**Finkenrath**, K. Die Beteiligung der Versicherten an den Kosten der Krankenversicherung. Klin. Wschr., 1930, 9: 2023-5.—**Fischer**, G. Deficit in social insurance budget [Comments on an article by G. Fischer] J. Am. M. Ass., 1935, 104: 1256.—**Fridericia**, H. J. [Sickness insurance and cost] Ugeskr. læger, 1932, 94: 877.—**Grants** to states under title V, Social Security Act. J. Am. M. Ass., 1937, 109: 879.—**Ichok**, G. L'hygiène, la médecine et l'assistance sociale dans le budget de la commune, du département et de l'état. Ann. hyg. Par., 1935, n. ser., 13: 572-605.—**Jansen**, J. T. [Concentration of the sick funds] Geneesk. gids, 1940, 18: 902.—**Jayle**, F. La part financière des assurances sociales réservée à l'assurance-maladie. Presse méd., 1926, 34: 75.—**Lagerlöf**, C. B. [State control of the Sick fund] Sven. læk. tidn., 1934, 31: 345-9.—**McMahon**, A. Health problems of the unemployed as related to the Social Security program. Hosp. Progr., 1937, 18: 33-9.—**Mackenzie**, W. L. Administrative and financial aspects of the bill; introductory address [National Insurance Bill] Tr. Nat. Ass. Prev. Tuberc., Lond., 1911, 188-200.—**Maidansky**, V. M. [Distribution of the medical fund during the 3d five year plan in the Ukraine] Radiatska med., 1939, 4: No. 8-9, 79-83.—**Mariotti**, F. L'unificazione dei contributi assicurativi obbligatori nell'A. O. I. Assist. sociale, Roma, 1939, 13: 9-16.—**[Order]** (The) of the Medical Board concerning the rates of taxes in §22 of the Sick Fund Statute] Sven. læk. tidn., 1934, 31: 39-44.—**Pick**, G. Rechnungsergebnisse der Krankenkassen Österreichs mit besonderer Berücksichtigung der Ausgaben für ärztliche Hilfe. Prag. med. Wschr., 1911, 36: 339; passim.—**Posthuma**, F. E. [Attempts of the social security to exist without taxing the patients] Ned. tschr. geneesk., 1936, 80: 1508-10.—**Regulations** governing allotments and payments to states from funds appropriated under the provisions of section 601, Social Security Act, for the fiscal year 1936. Am. J. Pub. Health, 1936, 26: 59-62.—**Regulations** of the Surgeon General governing allotments and payments to states from funds appropriated under the provisions of section 601, Social Security Act, for the fiscal year 1937. Pub. Health Rep., Wash., 1936, 51, 27: 880-8.—**Safeguard** (To) public health consistent with sound government economy. Am. J. Pub. Health, 1934, 24: 91-3.—**Sahlgren**, E., & **Edwardson**, J. P. [Decision of the Central Government Administration on the matter of the Sick Fund taxes] Sven. læk. tidn., 1938, 35: 1136-46.—**Social** security grants totaling \$5,000,000. J. Am. M. Ass., 1936, 106: 1579.—**Surplus** of the social insurance funds [France] Ibid., 1938, 110: 2165.—**Tax** returns under the Social Security Act overdue. Ibid., 1937, 108: 1265.—**Taylor**, F. G. The financial structure of National Health Insurance, and some notes on the incidence of sickness. J. R. San. Inst., 1939-40, 60: 400-8.—**Trooijen**, G. P. van. Over uitkeeringen door de Rijksverzekeringsbank krachtens de Ongevalwet 1901, verleend in gevallen van ernstige vermindering of jeugdigen leeftijd. Ned. tschr. geneesk., 1916, 2: 1932-7.—**Wolfenden**, H. H. The financial implications of compulsory health insurance. Manitoba M. Ass. Rev., 1939, 19: 19-24.

— State medicine: Health personnel.

Chu, C. K. The training of personnel for state medicine. *Chin. M. J.*, 1937, 51: 373-80.—Free, W. [The sick-fund and the Cross Societies]. *Groene & witte kruis*, 1935, 31: 265-72.—Peebles, A. Health insurance and nursing. *Canad. Nurse*, 1936, 32: 566-9.—Rubinow, I. M. Why doctors and nurses should prepare themselves for their responsibilities under such an act. *Am. J. Nurs.*, 1917, 17: 945-52.—Tjaden. Die Hilfskräfte für die öffentliche und private Gesundheits- und Krankenfürsorge. *Arb. Reichsgesundhant.*, 1926, 57: 147-54.

— State medicine: Health personnel: Physicians.

ARMSTRONG, B. N. The health insurance doctor; his rôle in Great Britain, Denmark and France. 264p. 23½cm. Princeton, 1939.

DENMARK. ALLMENA DANSKE LÆGEFORENING. Sygekasser og læger. 2 pts 64p.; 33p. 8° Kbh., 1910.

SCHRAEDER, M. Krankenkassen und Kassenärzte; die Rechtsbeziehungen vom 1. Januar 1932 ab; als Textausgabe mit kurzen Anmerkungen. 83p. 8° Perleberg, 1932.

Alexander, S. Was kann und soll der Aertestand von einer Änderung der RVO. für die Kassenpraxis erwarten? *Deut. med. Wschr.*, 1922, 48: 32-4.—Alkiewicz, T. [Importance of the physician in social security] *Nowiny lek.*, 1938, 50: 706-10.—Annual (The) conference of representatives of Local medical and panel committees, October 21, 1937 at British Medical Association house, London. *J. Am. M. Ass.*, 1937 109: 96-8.—Augustin, G. Der Arzt in der internationalen Krankenversicherung. *Arch. sozial. Hyg.*, 1932, 7: 534-40.—Beauchamp, A. Insurance practice as seen by a young practitioner. *Brit. M. J.*, 1932, 1: 102.—Benda, T. Einige Vorschläge zur Unfallversicherungspraxis. *Mtschr. Unfallh.*, 1914, 21: 1-5.—Bernacchi, L. L'istituzione di un insegnamento superiore di medicina in rapporto alle assicurazioni sociali. *Medicina infornuti lavoro*, Perugia, 1908, 1: 245-54.—Berthold. Die Rechtsstellung des Kassenarztes. *Deut. med. Wschr.*, 1934, 60: 1055-8.—Bewer, C. Kassensatzung und Arztvertrag in der Ambulatorienfrage. *Aerztl. Mitt.*, Lpz., 1927, 28: 698-709.—Bongartz. Die gesetzliche Regelung der Kassenarztsfrage. *Münch. med. Wschr.*, 1921, 68: 1495.—Collie, J. Medical contracts in state insurance. *S. Afr. M. J.*, 1936, 10: 439-46.—Conférence des médecins de la Caisse nationale. *Rev. méd. Suisse rom.*, 1936, 56: 124.—Contrato (El) colectivo de trabajo y los derechos del médico; un fallo trascendental. *Labor méd.*, Méx., 1938, 6: 144.—Convention-type entre les caisses d'assurance-maladie et les syndicats médicaux pour les soins à domicile et au cabinet du médecin. *J. sc. méd. Lille*, 1930, 48: pt 2, 223-8.—Dain, H. G. Medico-legal problems in general practice; national Health Insurance; the legal position and obligations of the insurance practitioner. *Practitioner*, Lond., 1934, 133: 208-16.—Dalsgaard, S. C. [Relation between practising and insurance physicians] *Ugeskr. laeger*, 1935, 97: 338-40.—Decourt, F. Le médecin dans l'assurance-maladie en France et dans les autres pays. *Presse méd.*, 1933, 41: 929-33.—Diehl, J. C. [The contract of the Kassenärztliche Vereinigung Deutschlands with the Nederlandsche Maatschappij tot Bevordering der Geneeskunst] *Ned. tschr. geneesk.*, 1940, 84: 4969-71.—Do you want a federal-state doctor who is hedged about with red tape? *J. Am. Electron. Res. Ass.*, 1939, 16: 102.—Dufays. Les assurances sociales et les médecins spécialistes; vues après une expérience de 9 ans. *Rev. méd. est.*, 1928, 56: 278-86.—Effect (The) of compulsory health insurance; the effect of compulsory systems upon the character of medical practitioners. *Week. Roster, Phila.*, 1935, 30: 1087.—Engel, S. Stellung und Aufgaben des Arztes in der sozialärztlichen Arbeit. *Arch. sozial. Hyg.*, 1925-26, n. F., 1: 31-3.—Finkenrath, K. Wie werde ich Kassenarzt? Ratschläge und Gesetzesbestimmungen für die Niederlassung und Zulassung zur Kassenpraxis nebst einem Verzeichnis der Versicherungssämter. *Berl. Klin.*, 1926, H. 366, 1-25. — Die kassenärztlichen Verhältnisse im Ausland. *Zschr. ärztl. Fortbild.*, 1928, 25: 157-9.—Frey, L. Das Streik der Kassenärzte. *Wien. klin. Wschr.*, 1922, 35: 85.—Frus, J. [Relation of charter medical members to modern social insurance] *Vest. česk. lék.*, 1927, 39: 545-52.—Gellért, E. [Medical ethics in social insurance] *Orv. hetil.*, 1937, 81: 659.—Gottschling, E. Die rechtliche und soziale Stellung der Krankenkassenärzte in England. *Arch. sozial. Hyg.*, 1926-27, n. F., 2: 284-7.—Graf. Der Arzt in der Sozialversicherung, sozialen Fürsorge und freien Wohlfahrtspflege auf der Gesolei. *Aerztl. Mitt.*, Lpz., 1926, 27: 542-5.—Gullestrup, A. [Cooperation between doctors and the sick fund in Jylland] *Ugeskr. laeger*, 1938, 100: 707-15.—Gumpertz, K. Einige Aufgaben des Krankenkassenarztes in der Kriegszeit. *Deut. med. Presse*, 1917, 21: 31; 39.—Haedenkamp, K. Medical practice in Germany; the doctor's place in social insurance. *Brit. M. J.*, 1938, 2: Suppl., 161. — Die Neuordnung des kassenärztlichen Rechtes. *Deut. med. Wschr.*, 1932, 58: 184; 222.—Hagen, G. [The physicians' duty in making a report, according to the laws of social insurance] *Ugeskr. laeger*, 1940, 102: 695-8.—Hammer. Nervöse Erschöpfung als Berufsgefahr reichsdeutscher Schnell- und Massenärzte insonderheit reichs-

deutscher Zwangskassenärzte. *Aerztl. Rdsch.*, 1935, 45: 98; 114.—Hastings, S. The doctor of the future. *S. Barth. Hosp. J.*, Lond., 1935-36, 43: 171-5.—Hippocratic (The) oath and social insurance. *J. Am. M. Ass.*, 1937, 109: 517.—Insurance practice to-day. *Lancet*, Lond., 1937, 2: 392-6.—Jaffé, K. Ueber die Stellung der Aerzte in der Krankenversicherung nach dem Entwurf der Reichsversicherungsordnung. *Sozial. Med. Hyg.*, 1909, 4: 285-93.—Joseph, E. Verhandlungen über einen neuen Vertrag zwischen Ärzten und Berufsgenossenschaften. *Mtschr. Unfallh.*, 1928, 35: 83-6.—Jürgens, A. [The Ministry of Health and the physicians of insurance societies] *Ugeskr. laeger*, 1927, 89: 1154.—Kaff, S. Die Stellung der Aerzte in der österreichischen Arbeiterversicherung. *Arch. sozial. Med. Hyg.*, 1905, 2: 139; 320.—Kapteyn, H. P. Spoorwegarts en ziekteverzekering. *Med. wbl.*, Amst., 1906-7, 13: 337-42.—Kaupe, W. Ist der Kassenarzt noch Arzt? *Med. Klin.*, Berl., 1932, 28: 1292.—Lehmann, H. [The physician in the proposed reform of sickness insurance] *Fortsch. Ther.*, 1929, 5: 305-8.—Lehner, I. [Social insurance and medical practice] *Népegészségügy*, 1938, 19: 561-8.—Leoncini, F. Assicurazione, malattie e segreto professionale. *Arch. antrop. crim.*, Tor., 1935, 55: Suppl., 98-109.—Lowe, G. Purchasing a practice through insurance. *Practitioner*, Lond., 1938, 141: 328-31.—Martin, E. Frauenarzt und Reichsversicherungsordnung. *Mtschr. Geburtsh. Gyn.*, 1917, 46: 25-48.—Medical (The) practitioner under National Health Insurance. *Brit. M. J.*, 1940, 1: Suppl., 76.—Meissl, T. Der österreichische Bahnarzt in der Sozialversicherungsmedizin. *Wien. med. Wschr.*, 1933, 83: 182.—Neufassung der Verordnung über die Zulassung von Aerzten zur Tätigkeit bei den Krankenkassen (Zulassungsordnung für Aerzte) *Reichsgesundtbl.*, 1937, 12: 677-83.—Nordlund, H. [On the question of cooperation between doctors and the Sick Fund] *Sven. läk. tidn.*, 1933, 30: 1281-300.—Nordmann, A. Zur Spezialistenfrage: ein Beitrag zur Praxis des schweizerischen Krankenversicherungsgesetzes. *Korbl. Schweiz. Aerzte*, 1906, 46: 1201-9.—Partsch, F. Bemerkungen zum Durchgangsarztverfahren nach 5jähriger Mitarbeit. *Mtschr. Unfallh.*, 1935, 42: 385-90.—Paul, G. Abschluss der Neuordnung der Ständes- und Vorrückungsverhältnisse der staatlichen Amtsärzte in Oesterreich. *Amtsarzt*, 1912, 4: 2-8.—Perreau, E. H. Médecins et juridictions d'assurances sociales. *Paris méd.*, 1935, 96: annexe, 95.—Petres, J. [Physicians in sickness insurance] *Orv. hetil.*, 1937, 81: 92-5.—Physicians refuse to fill out social insurance blanks [France] *J. Am. M. Ass.*, 1937, 109: 28B.—Position (The) of the medical practitioner under the national insurance scheme of Germany. *Lancet*, Lond., 1911, 2: 1216-20.—Reuter, R. Le rôle du médecin praticien dans la médecine sociale. *Arch. méd. sociale*, Brux., 1940, 3: 7-19.—Rijnberk, G. van. De arts en de ziekenfondsen. *Ned. tschr. geneesk.*, 1914, 305-8.—Schlesinger, E. Das ärztliche Ehrengerichtsrecht im Lichte von Reichsrecht und Landesrecht, in besonderer Hinsicht auf das Krankenversicherungsgesetz. *Mtschr. sozial. Med.*, 1904, 1: 153-85.—[Social medicine and physicians] *Ned. tschr. geneesk.*, 1939, 83: 5824-37.—Specialists in social medicine [Social insurance medical advisers and inspectors, 1937 annual meeting, Clermont-Ferr., France] *J. Am. M. Ass.*, 1937, 109: 723.—Steinwallner. Die Arztfrage in der englischen Krankensozialversicherung. *Vertrauensarzt*, 1937, 5: 247-50.—Sternberg, I. Die neuen Grundsätze für kassenärztliche Verträge in Gross-Berlin. *Med. Klin.*, Berl., 1919, 15: 31.—Stransky, E. Zur Psychologie der kassenärztlichen Tätigkeit. *Wien. med. Wschr.*, 1934, 84: 953; 983.—Syme, G. A. [State medicine and medical ethics] *Intercolon. M. J. Australasia*, 1905, 10: 361-80.—Thomson, G. W. R. Medical practice under the National Health Insurance Scheme. *S. Thomas Hosp. Gaz.*, Lond., 1937-38, 36: 211-9.—Vertragsordnung für Kassenzahnärzte und Kassendentisten. *Reichsgesundtbl.*, 1935, 10: 849-52.—Vrendenberg, C. W. De positie der deelnemers-huissartsen in de afdeeling ziekenfondsen. *Ned. tschr. geneesk.*, 1919, 2: 239-44.—Weicksel, J. Der Arzt in der Versicherung. *Prakt. Arzt*, 1935, n. F., 20: 115; 140. — Ueber die Stellung und Ausbildung des Arztes in der Sozialversicherung. *Deut. med. Wschr.*, 1941, 67: 128-30.—[When must the sick-fund association substantiate the doctor's statement in accordance with limited contract?] *Vest. česk. lék.*, 1926, 38: 33.—Wolfenden, H. H. The position of the doctor under insurance and state medicine, and in other non-insurance methods of providing health services. *Canad. M. Ass. J.*, 1940, 42: 579-82.—Ziemke, E. Ueber die Notwendigkeit einer besonderen Vorbildung der Aerzte für die Aufgaben der sozialen Versicherung. *Deut. med. Wschr.*, 1911, 37: 1902; 1947; 1994.—Zulassung von Aerzten zur Tätigkeit bei den Krankenkassen. *Reichsgesundtbl.*, 1934, 9: 510-7.

— State medicine: Health personnel: Physicians: Method of employment.

A. G. P. This panel business, involving the future of the general practitioner of medicine. 364p. 8° Lond., 1933.

PANEL (ON THE) general practice as a career. 294p. 8° Lond., 1926.

TIBBETTS, T. M. The panel doctor; his duties and perplexities. [2. ed.] 58p. 8° Lond. [1918]

Also in Midland M. J., 1916, 15: 177-83.

Bellucci, O. L'assicurazione contro le malattie e la libera scelta del medico. Atti Accad. fisiocr. Siena, 1935, 11. ser., 3: Suppl., 101-23.—**Boyd, J.** Some observations on the first year's working of panel practice in Northern Ireland. Ulster M. J., 1932, 1: 136-43.—Some problems of the panel practitioner. Ibid., 1933, 2: 98-104.—**Cabot, H.** The free choice of physicians. Radiol. Rev., 1936, 58: 92-5. Also J. Connecticut M. Soc., 1936-37, 1: 193-5.—**Conti, Blome & Grote.** Festhalten an freiem Arzttum und freier Arztwahl! Deut. Zahnärztl. Wschr., 1940, 43: 807.—**Cox, A.** Free choice of doctor. Brit. M. J., 1940, 1: 508.—**Donohue, J. J.** Shall the employee have the right to select his own physician? Bull. U. S. Labor Stand., 1935, No. 2, 108-11.—**Elmanovich, P. I.** [Free choice of physician] Sovet. vrach. J., 1939, 43: 417-22.—**Epstein, M.** Die sozialhygienische Tätigkeit der Abteilung für freie Arztwahl in München. Med. Reform. Wschr., 1906, 14: 41-4.—**Fehmers, C.** [On the free choice of physicians (in the sickness fund)] Ned. tschr. geneesk., 1940, 84: 3926-8.—**Freedom** of choice of physician and sickness insurance (Vienna) J. Am. M. Ass., 1936, 106: 2172.—**Hayt, E.** An interpretation of new compensation law; the panel: a privilege or a liability? N. York Physician, 1935, 4: 15; 42.—**Health insurance; corporate practice of medicine.** J. Am. M. Ass., 1936, 107: 72.—**Helbig, B.** [Study of the causes of periodical conflicts between physicians and the holders of sick fund insurance, with free choice of doctors] Vest. česk. lékař., 1936, 48: 1572; 1666; 1711.—**Insurance Act (The) in being; panel practice.** Med. Press & Circ., Lond., 1916, 101: 38.—**Klein, E. F.** This panel scheme. J. Am. M. Ass., 1935, 105: 1435-8.—**Law** restricts right of injured employee to select own doctor. Bull. Los Angeles Co. M. Ass., 1941, 71: 67.—**Lennhoff, R.** Der Kampf um die freie Arztwahl in Frankreich. Med. Reform. Berl., 1910, 18: 227-9.—**Lyth, J. C.** Six years of panel practice; advantages, disadvantages and the remedies. Hospital, Lond., 1918, 65: 237. Also Canad. J. M. & S., 1919, 46: 226-31.—**McClary, G. F.** Use of the word panel. Lancet, Lond., 1934, 2: 1074.—**Malingering and the free choice of doctor.** Brit. M. J., 1911, 1: 1198.—**Menko, H. S. N.** The panel. S. Afr. M. J., 1933, 7: 679.—**Milner, R.** Zum Schutz der freien Arztwahl durch Verhütung ihres Missbrauchs. Münch. med. Wschr., 1919, 66: 1235.—**Mornet.** Honoraires médicaux; médecin choisi par le patron; prescription de 2 ans. Rec. spéc. acid. trav., 1935, 35: 363.—**Nash, J. F.** Against the panel. South. M. & S., 1938, 100: 596.—**Neal, J.** The prospects of the panel practitioner. Midland M. J., 1916, 15: 145-51.—**New panel listing** to be prepared for compensation insurance carriers. Wisconsin M. J., 1940, 39: 482.—**Pybus, S. T.** Panel practitioner in wartime. Brit. M. J., 1940, 1: Suppl., 64.—**Sayward, D. M.** Health insurance, British style. Trained Nurse, 1939, 103: 422-7.—**Scholl.** Notwendigkeit und Möglichkeit der freien Arztwahl bei den Krankenkassen. Wien. med. Wschr., 1912, 62: 2047; 2103; 2163.—**Selection of physicians by insured workers (Italy)** J. Am. M. Ass., 1936, 106: 2251.—**Stroud, R. J.** The British Social Security Act with special reference to the panel system. Southwest. M., 1937, 21: 377-9.—**Talati, J. M.** The panel system or the national health insurance. Sind M. J., 1934, 6: 164-72.—**Tinne, P. F.** On the panel. Liverpool Med. Chir. J., 1913, 33: 373-81.—**Weiss, S.** Was kann die Gesundheitskasse für das Wohl der Bevölkerung durch die Erhaltung der ärztlichen Erwerbspraxis tun? Wien. med. Wschr., 1926, 76: 1439.

State medicine: Health personnel: Salary and compensation.

SCHMEUSER, M., & VOGT, J. Kassenärztliche Gesamtvergütung und Krankenkasse. 103p. 8°. Berl., 1937.

Basis of determining remuneration of insurance practitioners. Brit. M. J., 1937, 1: Suppl., 317-22.—**Brackenbury, H. B.** Some thoughts on the arbitration. Lancet, Lond., 1920, 1: 621.—**Capitation (The) fee; deputation to Minister of Health.** Brit. M. J., 1933, 1: Suppl., 45.—**Charging of fees to insured persons; clause 7 (3) of terms of service.** Ibid., 1935, 2: Suppl., 114.—**Derecq.** Le régime fiscal et les médecins. J. méd. Paris, 1935, 55: 616-8.—**Freiwillige** Zuwendung der KVD an einberufene Kassenärzte. Aerztebl. Hessen, 1940, 8: 147.—**Johannis, V.** [Social insurance, surgeons and doctor bills] Vest. česk. lékař., 1926, 38: 423.—**Koch, A.** Fragen zur steuerlichen Behandlung des Einkommens nebenamtlicher Vertrauensärzte. Vertrauensarzt, 1939, 7: 7-9.—**Martin, M.** Capitation fees or salaried service? Lancet, Lond., 1939, 2: 328.—**Morbidity and physicians' incomes** under German sickness insurance. J. Am. M. Ass., 1939, 112: 752.—**National health insurance; insurance capitation fee.** Brit. M. J., 1934, 1: Suppl., 183.—**Petersilie, P.** Zahlungen der KVD an einberufene Kassenärzte. Aerztebl. Hessen, 1940, 8: 135.—**Robinson, W. A.** The insurance capitation fee; the Minister of Health's offer. Brit. M. J., 1923, 2: Suppl., 149-52.—**Spohr, W.** Die Befreiung der Ärzte von der Umsatzsteuer für Leistungen an die reichsgesetzlichen Versicherungsträger, die Ersatzkassen und die Fürsorgeverbände. Aerztl. Sachverst. Ztg., 1935, 41: 48-52.

State medicine: Organization.

See also subheading State medicine—by countries.

Bryan, F. R. America advances with social security. Health Off., Wash., 1939, 4: 104-13.—**Ciechanowski, S.** [The

needs of medical sciences in Poland and their mission in relation to the State] Lek. wojsk., 1936, 28: 741-50.—[Needs of medical sciences in Poland and their duty to the State] Polska gaz. lek., 1936, 15: 905-7.—**Compulsory health insurance.** West Virginia M. J., 1934, 30: 424.—**Federal regimentation of physicians and hospitals.** J. Am. M. Ass., 1937, 109: 436.—**Geiger, J. C., Larson, A. E., & Gray, J. P.** The limitations of government in medicine; the San Francisco experience. Ann. Int. M., 1939-40, 13: 856-71.—**Glazebrook, F. H.** A plan of state-wide medical insurance on a contributory basis. J. M. Soc. N. Jersey, 1935, 32: 297-300.—**Graves, H. C.** A workable deadline between state medicine and private practice. Bull. Am. Acad. Tuberc. Physicians, 1938, 2: No. 4, 35-8.—**Hoffman, F. L.** Compulsory health insurance. California West. M., 1934, 41: 114; 262; 323.—**Ichok, G.** Les divers systèmes d'assurance sociale contre la maladie. Biol. méd., Par., 1931, 21: 166-81.—**Immediate action** on sickness insurance may be deferred; president favors plan but questions advisability of immediate action. Wisconsin M. J., 1934, 33: 912-5.—**Milbank Memorial Fund** head advocates state controlled compulsory health insurance. Ibid., 372.—**Miller, A. L.** Uncle Sam practices medicine. Rocky Mountain M. J., 1938, 35: 972-9.—**Minnigerode, L.** Washington, City of the 1934 Biennial; some government medical and health services. Am. J. Nurs., 1933, 33: 1131-4.—**New (A) Federal health program.** Illinois M. J., 1940, 77: 555.—**Our rebel West; California** continues fight for compulsory health insurance. Med. Econom., 1935, 12: 52-62.—**Parran, T. Jr.** Public medical care in New York State. J. Am. M. Ass., 1933, 101: 342-5.—**President (The) [of the United States]** on state medicine. Mississippi Doctor, 1940-41, 18: 346.—**Roemer, M.** Governmental medical care in New York State. Med. Bull. N. Y., 1936-37, 2: 177-80.—**Sanders, W. H.** State medicine: its foundation, superstructure and scope; including a scheme for a public health system adapted to Counties, States and the Nation. J. Am. M. Ass., 1907, 49: 1-6.—**Simons, A. M.** Insurance, state and panel systems for medical and dental care as now in existence. J. Am. Dent. Ass., 1931, 18: 2104-13.—**Survey (A) of social insurance.** J. Am. M. Ass., 1935, 105: 1203.—**Truman, G. C.** Social security and public health in Arizona. Southwest. M., 1937, 21: 57.—**Van Kooy, C.** Wisconsin and the social security program. Bull. Bd Health Wisconsin, 1936, 6: No. 2, 8-11.—**Walker, H. A.** The correction of some problems in state medicine. J. Florida M. Ass., 1936-37, 23: 330.—**Wallentine, N. R.** Industrial medicine; its development and relation to state medicine. Northwest M., 1926, 25: 317-21.—**Williams, R. C.** Medical care problems of the Resettlement Administration of the United States Department of Agriculture. Health Off., Wash., 1937, 2: 114-9.—**Young, C. B., & Myers, J. A.** State medicine in Minnesota. J. Lancet, 1937, 57: 212-20.—**Zimmermann, W.** Soziale Fürsorge und Versicherung in USA. Vertrauensarzt, 1937, 5: 128-32.

State medicine: Patients.

See also under names of occupations.

DEGEN, A. *Das Recht der Dienstordnungs-Angestellten bei den allgemeinen Ortskrankenkassen [Giessen] 79p. 21cm. Limburg-Lahn, 1938.

DEUTSCHE (DAS) HANDWERK; SOZIALPOLITISCHE SCHRIFTENREIHE. H. 10: Der Handwerker in der Krankenversicherung. 61p. 8°. Berl. [1937?]

SCHULZ, C. *Entwicklung der Krankenversicherung bei der Reichs-Post- und Telegraphenverwaltung. 88p. 8°. Giessen, 1913.

Angelini, F. Previdenza e assistenza sociale agricola nella prassi politica del fascismo. Assist. sociale, Roma, 1937, 11: 561-72.—**Boccia, D.** Assistenza social del trabajador. Sem. méd., B. Air., 1938, 45: pt 2, 970-4.—**Bonfatti, N.** Assistenza di malattia ai lavoratori dell'industria. Assist. sociale, Roma, 1939, 13: No. 8, 97-102.—**Bremme, W.** Einige wichtige gesundheitliche Fragen des freiwilligen Arbeitsdienstes. Zschr. Gesundheitsverwalt., 1933, 4: 49-57.—**Broed, D., & van Bruggen.** Nogmaals ziekteverzekering voor losse werklieden. Centr. org. werkl. verzek., Haarlem, 1907, 5: 58-62.—**Castellino, N.** Temi corporativi e loro riflessi sociali. Fol. med., Nap., 1935, 21: 1187-90.—**Criticism of social insurance law** by one of the insured. Paris. J. Am. M. Ass., 1937, 108: 1272.—**Deutsches Reich; Runderlass** des Reichsarbeitsministers und des Reichsministers des Innern, betr. die Durchführung der Verordnung über die Krankenversicherung für Kriegshinterbliebene, vom 5. Mai 1939. Reichsgesundhbl., 1939, 14: 448.—**Deutsches Reich; Verordnung** des Reichsarbeitsministers über die Krankenversicherung für Kriegshinterbliebene, vom 20. April 1939. Ibid., 447.—**Drooge, J. van.** De algemeene werklieden-verzekering en de landarbeiders. Centr. org. Ongeval-verzek., Haarlem, 1906, 3: 145-51.—**Garbutt, W. J.** Conditions applying to insured persons who make their own arrangements. Birmingham M. Rev., 1934, 9: 92-4.—**Göbbels, H.** Was sollte der Arzt von der Krankenversicherung seiner Patienten wissen? eine vergleichende Uebersicht über die Möglichkeiten der Versicherung gegen Krankheit in Deutschland. Med. Welt, 1939, 13: 124; 159; 192.—**Juvenile extension**

of National health insurance [Gr. Britain] J. Am. M. Ass., 1937, 109: 1918.—**Kalmus, E.** Die Notwendigkeit der Fürsorge für kranke Staatsbeamte und ihre Familie. Amtsarzt, 1916, 8: 149-54.—**Keleti, J.** [Insurance of agricultural workers] Orv. hetil., 1936, 80: 1221-5.—[Sickness insurance in agriculture] Ibid., 1937, 81: 1116-8.—**Kilhof, M.** Die alten Menschen in der Krankenversicherung. Wien. med. Wschr., 1927, 77: 1150-5.—**Kranken- und Arbeitslosenversicherungspflicht eines Assistenzarztes.** Mscrh. Unfallh., 1935, 42: 521.—**Lehmann, H.** Das Schicksal der Familie R.; ein Beitrag zur Psychologie der Sozialversicherten. Deut. med. Wschr., 1934, 60: 651-4.—**Lehsten, von.** Die Sozialversicherung des Vertrauensarztes. Vertrauensarzt, 1939, 7: 126-30.—**Lewis, D.** Insurance for the workingman. Chicago M. Rec., 1905, 27: 298-311.—**Magaldi, V.** La assicurazione per le malattie degli operai. Tubercolosi, Milano, 1913-14, 6: 93; 126.—**Merens, M. J. D.** Is verplichte ziekteverzekering ook voor den losse werkman mogelijk? beschouwingen over de opneeming van den losse werkman in en over de uitvoering van de ziekteverzekeringwet. Centr. org. Ongeval-Verzek., Haarlem, 1905, 2: 433-43.—**Migration of insured patients.** Lancet, Lond., 1941, 1: 201.—**Nassauer, M.** Vom ärztlichen barmherzigen Samariter zum ärztlichen Frohnarbeiter; die Mittelstandsversicherung. Münch. med. Wschr., 1927, 74: 548-50.—**Paloscia, L. M.** Problemi assistenziali dei lavoratori del commercio. Assist. sociale, Roma, 1936, 10: 477-83.—**Piotrowski, E.** [On the misunderstandings between patients and physicians of social insurance] Polska gaz. lek., 1939, 18: 359-61.—**S.** Die Sozialversicherungspflicht von Aushilfskräften während des Krieges. Deut. med. Wschr., 1940, 66: 661.—**Sickness insurance for German miners.** J. Am. M. Ass., 1939, 113: 339.—**Sternberg, I.** Die Versicherung der Kassenärzte. Med. Klin., Berl., 1918, 14: 528-30.

— State medicine: Physician's attitude.

DÖRING, F. Schach dem Leipziger Verband; Schattenbilder vom Bocholter Aertzestreit in der deutschen Aertztebewegung. 30p. 8°. Darmstadt, 1910.

GROTHJAHN, A. Erlebtes und Erstrebtes; Erinnerungen eines sozialistischen Arztes. 284p. 8°. Berl., 1932.

GUÉRIN, P. *Contribution à la défense de la profession médicale; l'Etat contre le médecin; vers une renaissance corporative. 310p. 8°. Par., 1928.

KÖHLER, J. Die Stellung des Arztes zur staatlichen Unfallversicherungen. 102p. 8°. Berl., 1906.

[UNITED STATES] NATIONAL COMMITTEE TO UPHOLD CONSTITUTIONAL GOVERNMENT. Political medicine and you. 24p. 20cm. [N. Y., 1939]

WINSLOW, F. S. We do not want security; the doctor's obligation. 1p. 4°. N. Y., 1936.

Against compulsory health insurance. Northwest M., 1935, 34: 139.—**Augustin, G.** Die britische Arztfrage im Vergleich zu anderen Ländern. Klin. Wschr., 1932, 11: 1193-6.—**Bakelst, H. S.** Medical practice in 1950. Illinois M. J., 1933, 64: 191-4.—**Basic (The)** issue in compulsory state health insurance. Westchester M. Bull., 1936, 4: No. 2, 5.—**Bishop, W. G.** State medicine; affirmative (advantages) J. S. Carolina M. Ass., 1940, 36: 6-13.—**Bligh-Wall, C. P.** The point of view of the general practitioner. S. Afr. M. J., 1939, 13: 698-701.—**Borgs, T. R.** Regimentation in medicine. Tr. Ass. Am. Physicians, 1937, 52: 1-7. Also J. Am. M. Ass., 1937, 108: No. 25, 1939B.—**Borzell, F. F.** Medical economics and social insurance. Med. World, 1934, 52: 549-54.—**Organized medicine and social insurance.** Pennsylvania M. J., 1934-35, 38: 513-7.—**Organized medicine and social insurance.** Week. Roster, Phila., 1935, 30: 727-30.

The relation of the physician to social security. Pennsylvania M. J., 1936-37, 40: 525-8.—**British Columbia** profession opposes new sickness insurance law. J. Am. M. Ass., 1937, 108: Suppl., 79B.—**Brock, D.** [Dangers of compulsory sickness insurance] Ned. tscrh. geneesk., 1928, 72: pt 2, 6079-82.—**Bross, K.** [Could private medical practice be abolished?] Med. prakt., Poznań, 1938, 12: 88.—**Bureaucratic medicine in office.** Med. Bull., Wichita, 1938, 7: No. 10, 5-7.—**Christison, J. T.** State medicine: a review of the pros and cons. Proc. Nat. Conf. Social Work, 1931, 58: 152-60.—**Communism by degrees.** J. Tennessee M. Ass., 1935, 28: 115.—**Compulsory health insurance; socialized medicine.** J. Am. M. Ass., 1939, 112: 638-40.—**Conference of the Special Commission on Social Insurance at the State House.** Aug. 15, 1917. Boston M. & S. J., 1917, 177: 428-34.—**Coolie, W. A.** The problem of state medicine; a solution. Med. Rec., Houston, 1937, 31: 417-9.—**Crampton, J. H.** The spectre of state medicine. Northwest M., 1936, 35: 367-9.—**Crawford, J. H.** Compulsory health insurance—why we oppose it; excerpts from a series of talks given before the Medical Society of the County of Kings, New York. Memphis M. J., 1935, 10:

28; 32. ——— Compulsory health insurance—why we oppose it; excerpts from a series of talks given before the Medical Society of the County of Kings, New York; a close-up of the British system. Med. Searchlight, 1935, 11: No. 5, 12: p. xv.—**Cross, K. W.** The prostitution of medicine. S. Mary's Hosp. Gaz., Lond., 1939, 45: 104.—**Czechoslovakian physicians and social insurance.** J. Am. M. Ass., 1937, 108: Suppl., 72.—**Dakin, W. B.** Social security; in relation to the physician. California West. M., 1938, 49: 300-2.—**Dameshek, W.** Some arguments against state medicine. N. England J. M., 1931, 204: 1187-93.—**Debate (The)** on state medicine. J. Am. M. Ass., 1935, 105: 1273.—**DeCourcy, J. L.** The dangers of state medicine. J. Med., Cincin., 1929-30, 10: 104-7.—**Some remedies for the abuses of state medicine.** Ibid., 1930-31, 11: 317-20.—**Delphey, E. V.** Compulsory health insurance, from the point of view of the general practitioner. N. York M. J., 1916, 104: 1191-3.—**De-personalization (The)** of medical service. Illinois M. J., 1940, 77: 3-5.—**Don't gamble with Gamble.** J. Am. M. Ass., 1938, 110: 214.—**Dorland, W. A. N.** The objection to state medicine. Clin. M. & S., 1934, 41: 381.—**Emerson, H.** Administrative medicine. N. York State J. M., 1939, 39: 1115-25.—**Evils (The)** of social insurance. Med. Ann. District of Columbia, 1935, 4: 49-52.—**Faught, F. A.** Medical practice under state medicine in the United States. J. M. Soc. N. Jersey, 1935, 32: 368-72.—**Fay, O. J.** Value of organization in controlling state medicine. J. Am. M. Ass., 1934, 102: 476.—**Finkernath, K.** Die französischen Aerzte am Scheidewege. Deut. med. Wschr., 1928, 54: 486.—**Fishbein, M.** California and sickness insurance. J. Am. M. Ass., 1935, 104: 1633-5.—**Fleming, G.** The medical aspects of national health insurance. Ann. Int. M., 1934, 8: 220-8.—**Franke, C.** Zwangsparkasse statt unserer heutigen Sozialversicherung? Münch. med. Wschr., 1936, 83: 277.—**Gerhardt, Eberhardt, K., & Hofbauer, A.** Zwangsparkasse statt unserer heutigen Sozialversicherung (Discussion) Ibid., 979-82.—**Gérin-Lajoie, L.** Rapport du comité sur les questions économiques de l'association médicale canadienne sur l'assurance maladie. Union méd. Canada, 1935, 64: 49; 166; 279; 416; 531.—**L'assurance-maladie et la profession médicale.** Ibid., 1940, 69: 1284-90.—**Godard, R. F.** The menace of state medicine. J. Florida M. Ass., 1939-40, 26: 77-82.—**Gottheil, W. S.** To the advocates of compulsory health insurance; a challenge. Med. Rec., N. Y., 1917, 91: 957.—**Hall, J. K.** Is Uncle Sam insane? South. M. & S., 1934, 96: 530-3.—**Hanauer.** Der Schwund der ärztlichen Privatpraxis. Fortsch. Med., 1923, 41: 184-6.—**Hanks, J. T.** Is state health insurance the solution? Dental Surv., 1934, 10: 22-60.—**Hansson, R.** [Public disease insurance and the physician's relation thereto] Tskr. norsk. lægeforen., 1905, 25: 919-34.—**Having failed in Europe, why succeed in America?** Pennsylvania M. J., 1940-41, 44: 749.—**Heffron, J. L.** Our relations to a few of the problems in state medicine. Tr. M. Ass. Centr. N. York, 1903, 10: 1-9.—**Henke, A.** [Could private medical practice be abolished?] Med. prakt., Poznań, 1937, 11: 230-5.—**Hoffman, F. L.** Compulsory health insurance unnecessary as a public health measure. Med. Insur. Health Conserv., 1917, 26: 257.—**Remarks on compulsory insurance.** Ibid., 1918-19, 28: 348.—**Horsley, F. M.** The practitioner's attitude towards state medicine. Virginia M. Month., 1938, 65: 498.—**Iturbe, P.** Consideraciones sobre el Seguro médico. Rev. Soc. med. quir. Zulia, 1940, 14: 1210-9.—**John Gallwey's** argument against compulsory health insurance. California J. M., 1918, 16: 452.—**Johnson, D. McI.** A case against the extension of public medical services. Brit. M. J., 1935, 2: Suppl., 149-51.—**Katscher, L.** Die Zukunft des Aertzstandes. Sozial. Med. Hyg., 1910, 5: 359-66.—**Kazdan, L.** On the question of socialization of the health services. Canada Lancet Pract., 1934, 83: 7-20.—**Kopetzky, S. J.** Comments on the arguments of Mr. William Gale Curtis. N. York State J. M., 1917, 17: 78-81.—**LaRochelle, F. D.** State medicine; a challenge to Dr Baldwin. Med. Mentor, 1933, 109-17.—**Lay agitators** are attempting to set up an enforced regimentation and paternalism that must by their very nature destroy rather than protect. Illinois M. J., 1937, 72: 370-81.—**Lee, R. I.** The doctor's dilemma when and if the Government goes into the practice of medicine in a big way. J. Maine M. Ass., 1939, 30: 45-51.—**Let them observe what has happened to socialized medicine in the holy land of their dreams.** Illinois M. J., 1939, 76: 1.—**Lick, M.** The doctor looks at social security. Minnesota M., 1937, 20: 559-65.—**Likes, L. E.** State medicine, the social menace. Rocky Mountain M. J., 1939, 36: 633-8.—**Lumière, A., & Vigne, P.** La médecine et l'hygiène sociales en péril. Bull. Acad. méd., Par., 1934, 3. ser., 111: 98-106.—**MacGregor, D. A.** Medical service. West Virginia M. J., 1933, 29: 373-6.—**Main, L. R., Brandhorst, O. W., & Wimber, T. C.** Stop the advance of state medicine. Week. Bull. S. Louis M. Soc., 1935-36, 30: 326.—**Marquette, B.** Who wants state medicine? J. Med., Cincin., 1931, 12: 5-15.—**Martin Salazar.** A los que se oponen al seguro social de enfermedad. Siglo méd., 1935, 95: 278-81.—**Medical organization and social security legislation.** J. Am. M. Ass., 1937, 108: 561.—**Medicine surveys sickness insurance in Czechoslovakia.** Ibid., 109: 66B-70B.—**Mills, A. B.** Compulsory health insurance condemned by A. M. A.—considered by 5 states. Mod. Hosp., 1935, 44: 126.—**Moorman, L. J.** Medicine versus state medicine. J. Oklahoma M. Ass., 1937, 30: 162-7.—**Mullin, J. H.** Are we ready for State health insurance? Pub. Health J. Toronto, 1918, 9: 402-11.—**Mullowney, J. J.** The evolution of medi-

- cine; present requirements; ideals; is state medicine coming? J. Nat. M. Ass., Newark, 1936, 28: 66-70.—Myers, W. H. Do we want national sickness insurance? J. M. Ass. Georgia, 1937, 26: 169-75.—National (The) emergency as a pretext for compulsory health insurance. J. Am. M. Ass., 1941, 116: 310.—New Zealand practitioners oppose health insurance. Ibid., 1938, 111: 1031.—Notes taken at conference of the Special Committee on Social Insurance, at the State House, August 1, 1917. Boston M. & S. J., 1917, 177: 229-31.—Notes taken at a hearing before the Special Commission on Social Insurance at the State House, Boston, September 19-26, 1917. Ibid., 496: 603; 639.—Ochsner, E. H. Social insurance undermines national character. West Virginia M. J., 1932, 28: 367; 471; 517; 570.—Social insurance; impossible to abolish when once established. Delaware M. J., 1932, 4: 227.—Phillips, J. S. The menace of compulsory health insurance in a republic. Midland Drug. Pharm. Rev., 1917, 51: 511-4.—Physician's (The) stake in social security. Med. Econom., 1935-36, 13: 20-5.—Pick, G. Die Stellung der Aerzte zur Krankenversicherung. Prag. med. Wschr., 1904, 29: 394; 407.—Pisenti, G. Lotte fra medici ed istituti assicuratori nella assicurazione malattie: storia di oggi, di ieri e di domani. Rass. previd. sociale, 1930, 17: No. 8, 5-31.—Position (La) du corps médical devant les assurances sociales. Loire méd., 1929, 43: 456-67.—Priester, W. G. Report of Board of Medical Economics on state medicine; the attitude of organized medicine in regard to state medicine, and the socialization of the practice of medicine. Med. Rec., Houston, 1935, 29: 650.—R. C. Now as then, only probably worse. J. Philippine Islands M. Ass., 1940, 20: 369-71.—Radio (The) debate on state medicine. Ibid., 1936, 16: 95-112.—Ramsay, W. G. Public health or state medicine. J. Oklahoma M. Ass., 1933, 26: 42-4.—Rapport du comité des questions économiques de l'Association médicale canadienne. Union méd. Canada, 1935, 64: 49-66.—Report of Committee on Social Insurance. J. Am. M. Ass., 1917, 68: 1721-55.—Rini, N. A. Regimentation defeats progress. Memphis M. J., 1935, 10: No. 6, 21-3.—Rokhlin, L. L. [Social insurance and medicine] Vrach. delo, 1926, 9: 1302-5.—Roman, H. [Could private medical practice be abolished?] Med. prakt., Poznań, 1938, 12: 87.—Rorty, J. Medicine's horse and buggy; the American Medical Association fights health insurance. Med. Bull., Wichita, 1936, 7: No. 6, 6-12.—Rosen, I. T. Compulsory health insurance—why we oppose it. Memphis M. J., 1935, 10: 24; 31.—Rott, O. M. Arguments against compulsory health insurance. Northwest M., 1919, 18: 81-3.—Rubinow, I. M. Social insurance and the medical profession. J. Am. M. Ass., 1915, 64: 381-6.—Schächter, D. [Condition of Hungarian physicians (in 1932)]. Gyógyászat, 1932, 72: 161.—Scholtz, M. Compulsory State health insurance and the medical profession. Lancet Clinic, 1916, 115: 400.—Schuster, E. J. Will national health insurance ensure national health? Tr. Nat. Ass. Prev. Tuberc., Lond., 1911, 209-19.—Schwitalla, A. M. The master in the house of medicine. Illinois M. J., 1933, 64: 280-8.—Stuazz, W. J. [Could private medical practice be abolished?] Med. prakt., Poznań, 1937, 11: 153; 360; 448.—Strith, E. S. Our arch enemy, compulsory health insurance. Tr. Am. Ther. Soc., 1936, 36: 19-23.—Social insurance and private practice (France) J. Am. M. Ass., 1938, 111: 264.—Social security and the doctors. Lancet, Lond., 1939, 2: 388-90.—Socialized medicine decreases number of new medical students [Australia] J. Am. M. Ass., 1937, 109: 1465.—Sondern, F. F. Medicine and men; a discussion of compulsory sickness insurance. N. York State J. M., 1936, 36: 36-47. Also repr. Also Southwest M., 1936, 20: 137-42. Also repr.—Sparrow, C. A. Social security and the physician. N. England J. M., 1938, 218: 225-30.—Specklin. Considerations critiques sur les assurances sociales; une solution nouvelle: l'épargne individuelle obligation. Presse méd., 1929, 37: 305-10.—State education and State medicine; a statement by the Bureau of Medical Economics. J. Am. M. Ass., 1939, 113: 2244.—State medicine; use of term in former medical society proceedings. J. Iowa M. Soc., 1938, 28: 469.—Swickhamer, C. R. Improved medical care; an argument against state medicine. Southwest M., 1937, 21: 425-8.—Swanish, P. T. The probable effects of particular factors in proposed social security legislation upon economic future of dentistry. Illinois Dent. J., 1935, 4: 469-77.—They call it relief! Med. Econom., 1938-39, 16: No. 12, 30-4.—Threat of state medicine. Northwest M., 1937, 36: 434.—Travis, J. M. State medicine; a challenge to the medical profession. Texas J. M., 1937-38, 33: 824-6.—Twiston Davies, J. H. Why not voluntary health insurance? Brit. M. J., 1935, 2: Suppl., 170.—Underwood, F. J. Public health in the prevention of state medicine. South. M. J., 1932, 25: 1-6.—Various factors have paved the way for steady insidious determined encroachment of state medicine and lay control. Illinois M. J., 1936, 70: 107.—Vogt, P. L. The need for a salaried profession. Pop. Sc. Month., 1914, 84: 605-8.—Weiss, Chauffard [et al.] Des la question des assurances sociales. Bull. Acad. méd., Par., 1929, 3, ser., 102: 653-69.—What is wrong with National health insurance? Bull. Am. M. Ass., 1934, 29: 25-7.—Who encourages state medicine? Week. Roster, Phila., 1939-40, 35: 1415.—Who wants a health insurance bill? Med. World, 1935, 53: 149-51.—Who wants state medicine? J. Tennessee M. Ass., 1936, 29: 314-21.—Why is the profession opposed to compulsory health insurance? Westchester M. Bull., 1935, 3: No. 3, 5-7.—Willis, A. P. Economics and state medicine. South. M. & S., 1936, 98: 361.—Woodwark, A. S. National health insurance as seen by a consultant physician. Brit. M. J., 1928, 1: Suppl., 237-40.
- State medicine: Service benefits.
- See also subheadings Dental service; Health education; Health promotion service; Hospital service; also Workmen's Compensation.
- APPELIUS, F., ASCHENHEIM, E. [et al.] Krankenhaus-, Rettungs-, Badewesen, sozialhygienische Bedeutung der Sozialversicherung; Berufsberatung, Gesundheit und Wirtschaft. 600p. 4°. Berl., 1927.
- LLOYD, J. H. National [health] insurance acts, 1911 and 1913; medical and sanatorium benefit regulations, etc.; containing the full text of the clauses in the Acts and regulations. 232p. 8° Lond., 1914.
- Appel, T. B. Limitations of official medicine. Pennsylvania M. J., 1934, 37: 903-5.—Bases generales y limitación de la asistencia social. Rev. méd., Puebla, 1937, 10: No. 90, 10-6.—Brodie, R. R. The effect of a change in the rate of mortality upon the value of sickness benefits. J. Inst. Actuaries, Lond., 1933, 64: 207-40.—Burnham, A. C. A plan for the care of the insured under the proposed health insurance law. Med. Rec., N. Y., 1916, 89: 737-9.—Care for social security clients in the state of Washington. J. Am. M. Ass., 1938, 111: 1475.—Concetto (Il) di periodo assicurativo nel calcolo della pensione. Assist. sociale, Roma, 1939, 13: 25-39.—Cox, A., & Marsh, C. A. [et al.] Extracts from minutes of evidence taken before the Committee on Sickness Benefit Claims, 1914, under the National Insurance Act of Great Britain. Am. Labor Legis. Rev., 1918, 8: 206-15.—Daube, Vogel & Einstmann. Ueber Krankengeldzahlungen an Ruhegehaltsempfänger in der Krankenversicherung. Vertrauensarzt, 1935, 3: 103-6.—Duff, S. L. National Health Insurance Services. J. R. San. Inst., 1929-30, 50: 445-9.—Eisenstadt, L. Kontrolle der Fürsorge in der Krankenversicherung. Aerztl. Sachverst. Ztg., 1907, 13: 419-26.—Hadrich. Das Krankengeld in der deutschen und ausländischen Sozialversicherung. Aerztl. Mitt., Lpz., 1928, 29: 538-42.—Invalid pensions from the viewpoint of preventive medicine. Health Bull., Melb., 1933, 11: 98-104.—Klein, G. A. Die deutsche Arbeitsversicherung als soziale Einrichtung; Umfang, Einrichtung und Leistungen. Ber. Verb. internat. Kongr. Versich. Med., 1906, 4. Kongr., 478-92.—Klein, W. Gesundheitswesen in der Sozialversicherung. In Amtsarzt, Jena, 1936, 47-89.—Knepper. Die Hinterbliebenenfürsorge nach dem IV. Buche der Reichsversicherungsordnung und ärztliche Gutachter-tätigkeit. In Festschrift Feier 10jähr. Besth. Akad. prakt. Med. in Köln, Bonn, 1915, 453-63.—Kötschau, K. Vorsorge und Fürsorge im Rahmen einer neuen deutschen Heilkunde. Verh. Deut. Ges. inn. Med., 1936, 48. Kongr., 19-28.—Kuhn, J. [Free conveyance regulations in people's insurance] Uebers. laeger, 1940, 102: 196-200.—Lehmann, R. Nochmals: Kinderzulagen- und Waisenrentenempfänger. Aerztl. Sachverst. Ztg., 1928, 24: 6-8.—Lepointe, G. Du calcul de l'indemnité journalière en fonction du nombre de jours ouvrables. Rec. spéc. accid. trav., 1938, 38: 1-11.—Pels, H. Comment l'assurance sociale peut augmenter l'efficacité de son activité tant préventive que curative en employant les méthodes de la médecine sociale. Tr. Inst. hyg. pub. techéc., 1938, 9: 141-73. Also Arch. méd. sociale, Brux., 1939, 2: 427-38.—Rico Pérez, J. Aportación de ideas al estudio de seguro social de enfermedad en el medio rural. Siglo méd., 1935, 96: 195-9.—Scheidt, W. Staatliche Gesundheitsfürsorge. Deut. med. Wschr., 1933, 59: 1867-9.—Scholz, E. Die Sachleistungen in der Krankenversicherung. Aerztl. Mitt., Lpz., 1928, 29: 524-6.—Sickness benefits of mutual-aid societies in Argentina. Month. Labor Rev., 1938, 47: 1014-7.—Sommer, P. Entziehung der Rente, wenn ein Rentenempfänger es ablehnt, sich einer ärztlichen Nachprüfung zu unterziehen. Med. Welt, 1940, 14: 1026.—Stekhoven. [Home care of the sick by the sick fund] Groene & witte kruis, 1937, 33: 66.—Strauss, P. Les bienfaits des assurances sociales pour la santé publique. Bull. Acad. méd., Par., 1929, 3, ser., 102: 507-20. Also Rev. philanthrop., Par., 1929, 49: 827; 1930, 50: 4.—Wild, C. von. Die Krankenkassentage und die öffentliche Gesundheitspflege. Off. Gesundheitspfl., 1921, 6: 20.
- State medicine: Service benefits: Hospital service.
- UNITED STATES. HEALTH SECURITY ADMINISTRATION. Annual report of the Central Admitting Bureau for Hospitals for 1937. 95p. 4° [Wash., 1937]
- Admission (L') des malades aîlés dans les hôpitaux de l'Assistance publique à Paris. J. méd. Paris, 1935, 55: 143.—Agnew, G. H. The possible effect of health insurance upon our hospitals. Tr. Am. Hosp. Ass., 1931, 33: 586-92. Also Canad. M. Ass. J., 1932, 26: 182-6.—Almenara. La solemne ceremonia de

inauguración del hospital obrero de la Caja nacional de seguro social; discurso. *Reforma méd.*, Lima, 1940, 26: 17-24, illust.—**Avance** (El) progresivo de los hospitales de la Caja nacional de seguro social. *Ibid.*, 1939, 25: 663-5, plans.—**Black, H. A.** Socialized hospitals; a threat. *Rocky Mountain M. J.*, 1939, 36: 565-8.—**Buffandeau, T.** L'application de la loi sur les assurances sociales, aux services hospitaliers et publics. *Rev. philanthrop.*, Par., 1930, 50: 165-90.—**Christian, S. L.** Organización de un hospital de seguro, con referencia particular al Hospital Mixto de Lima, de la Caja Nacional del Seguro Social el Perú. *Bol. Of. san. panamer.*, 1940, 19: 213-20, pl.—**Chrom, I. P.** [Sickness insurance and hospital space] *Nord. Hyg. tskr.*, 1927, 8: 301-9.—**Davis, M. M.** Effects of health insurance on hospitals abroad. *Tr. Am. Hosp. Ass.*, 1931, 33: 579-85. Also *Bull. Am. Hosp. Ass.*, 1932, 6: 47-54.—**Devofo, L.** Le assicurazioni obbligatorie contro le malattie e gli ospedali italiani. *Riv. osp. giorn. tecn. nosocom.*, 1913, 4: 41-9.—**Entrega** (La) oficial al servicio público del Hospital Obrero de la Caja nacional de Seguro social. *Reforma méd.*, Lima, 1910, 26: 13-9, illust.—**Ferraris, P.** Assicurazioni, mortalità ed assistenza ospedaliera. *Osp. maggiore*, Milano, 1938, 26: 30-3.—**Goldmann, F.** Krankenversicherung und Krankenhauspflege. *Zschr. ges. Krankenhauswes.*, 1927, 23: 519-22.—**Grübaum, S.** Sozialärztliche Erwägungen bei der Gewährung von Krankenhausaufenthalt und Heilstättenkuren. *Med. Klin.*, Berl., 1926, 22: 615-8.—**Guthjahr, R.** Rechtliche Verpflichtung der Krankenkassen im Falle der Krankenhausfürsorge. *Zschr. Krankenanst.*, 1921, 17: 378-83.—**Hollhorn, K.** Die Buchhaltung in Krankenhäusern, die von Sozialversicherungsträgern verwaltet werden. *Zschr. ges. Krankenhauswes.*, 1938, 280.—**Intervención** de los sindicatos médicos en la organización, funcionamiento y sostenimiento de las policlinicas de servicio social. *Rev. méd.*, Puebla, 1940, 13: No. 120, 20-6.—**Jones, V. H.** The Social Security Act and hospital income. *Hosp. Management*, 1936, 42: 28.—**Kutschera, A.** Unfallkrankenhäuser und Sozialversicherung. *Deut. Zschr. Chir.*, 1931, 232: 413-20.—**Langer, G.** Ersatzansprüche des Krankenhauses bei verweigerter Krankenhauspflege. *Zschr. ges. Krankenhauswes.*, 1938, 176-80.—**McGowan, R. A.** The private hospital and the Social Security Act. *Hosp. Progr.*, 1936, 17: 327-9.—**Panick, C.** Krankenhausbehandlung nach §184 der Reichsversicherungsordnung und vertrauensärztliche Begutachtung. *Vertrauensarzt*, 1937, 5: 49; 265.—**Protest** against inroads of social insurance and competition of public hospitals. *J. Am. M. Ass.*, 1939, 112: 458.—**Protest** against nationalization of hospitals (Paris) *Ibid.*, 1938, 111: 857.—**Reinecke, H. A.** Krankenhäuser und Krankenkassen. *Vertrauensarzt*, 1935, 3: 131-3.—**Schubert, R.** Bestrafung eines Krankenkassenangestellten wegen Verweigerung der Krankenhausbehandlung; Verurteilung einer Kasse zur Gewährung der Krankenhauspflege und damit zusammenhängende Fragen. *Zschr. ges. Krankenhauswes.*, 1934, 319-22.—**Schweighäuser, F.** Begriff und Wesen der Krankenhauspflege nach §184 RVO. *Vertrauensarzt*, 1939, 7: 105-8.—**Skillman, D. B.** What hospitals can do for and against socialized medicine. *Hospitals*, 1940, 14: 77-9.—**Social insurance law does not permit choice of hospital** [France] *J. Am. M. Ass.*, 1936, 107: 2062.—**Social laws and hospitalization** [France] *Ibid.*, 1937, 109: 2150.—**Stevens, E. F.** Social Insurance Hospital in Peru. *Hospitals*, 1938, 12: No. 8, 25-30.—**Suess, E.** Die neue Heilanstalt der Krankenkasse der österreichischen Bundesbahnen. *Wien. klin. Wschr.*, 1926, 39: 279-82.—**Theurer, R.** Krankenhaus und Krankenkasse. *Zschr. ges. Krankenhauswes.*, 1937, 241 3.—**Thomas, R.** Die Befristung der Garantiescheine bei stationärer Krankenhausbehandlung. *Ibid.*, 1939, 257.—**Vaternahm, T.** Statistische Betrachtungen zur Krankenhausverweildauer. *Vertrauensarzt*, 1935, 3: 147; 1936, 4: 222.—**Krankenkasse, Krankenhaus und Verweildauerstatistik.** *Zschr. ges. Krankenhauswes.*, 1937, 339-43.—**Wackerbauer, A.** Gedanken über das Zustandekommen von Fehleinweisungen in die Heilstätten der Invalidenversicherung und Grundsätzliches zum Einweisungsgutachten. *Deut. med. Wschr.*, 1939, 65: 894-6.—**Wirth, J.** Ueber Krankenaufenthaltsdauer. *Vertrauensarzt*, 1934, 2: 1-6.—**Yoell, R. A.** The role of the hospital under compulsory health insurance. *West. Hosp. Rev.*, 1934-35, 22: No. 3, 12-27.

— State medicine: Service benefits: Medical curative service.

ALBRECHT, G. Krankenkasse und ärztliche Behandlung. 126p. 21cm. Berl., 1938.

HÜCHTEBROCK, A. L. *Die Operationsduldungspflicht bei Unfallverletzten. 32p. 21cm. Bonn, 1936.

NEWMAN, T. S. National health insurance; a practical guide to medical benefit for the use of insured persons, agents, and branch secretaries. 32p. 16c. [Lond.] [1923]

OLDEMAYER, E. Kassenarzt und Krankenversicherung; ein Ratgeber für die Kassenpraxis. 80p. 8°. Berl., 1937.

RICHTER, M. Die Krankenhilfe der Krankenkassen. 2. erw. Aufl. 83p. 21cm. Berl., 1935.

WEGE ZUR KASSENPRAXIS. Berl., Heft 4, 1935—

WEICKSEL, J. Kompendium der sozialen Versicherungsmedizin. 184p. 21cm. Lpz., 1938.

Anderson, G. C. Probable effect of consultant and specialist services as a national health insurance benefit. *Brit. M. J.*, 1932, 1: Suppl., 145-8.—**Balhan, W.** Ueber die Bedeutung neuerer Behandlungsmethoden für die Kassenpraxis. *Oesterr. San. Wes.*, 1915, 27: Beil., 163-7.—**Barth, E.** Was hat der Arzt bei der Einstellung von Aushilfskräften zu beachten? *Med. Welt*, 1939, 13: 1237.—**Böhler, L.** Einiges über das berufsgenossenschaftliche Heilverfahren. *Wien. klin. Wschr.*, 1940, 53: 722-4.—**Chodsko, W.** [Medical treatment in the Polish social insurance companies] *Lek. wojsk.*, 1934, 23: 208; 269.—**Cieszyński, F. K.** [Reorganization of medical aid in social insurance] *Med. prakt.*, Poznań, 1934, 8: 309-15.—**Dobbernack, W.** Das Heilverfahren und die Gesundheitsfürsorge in der deutschen Sozialversicherung. *Arch. sozial. Hyg.*, 1928, n. F., 3: 317-26.—**Dropping out a medical benefit.** *Lancet*, Lond., 1933, 1: 245-8.—**Eisenstadt, L.** Die Bedeutung der Arzneibehandlung für das Heilverfahren der Krankenversicherung. *Sozial. Med. Hyg.*, 1908, 4: 588.—**Entzen, G.** Zur Frage der Heilverfahren gemäss RVO. *Oeff. Gesundheitsd.*, 1936-37, 2: A. 494-500.—**Gérin-Lajoie, L.** Le secours médical aux chômeurs assistés. *Union méd. Canada*, 1936, 65: 717.—**Giannini, C.** Le cure nell'assicurazione sociali. *Assist. sociale*, Roma, 1940, 14: 381-92.—**Gluckman, H.** National health insurance and an improved rural medical service. *S. Afr. M. J.*, 1939, 13: 39.—**Harris, R. W.** National Health Insurance Medical Service in Great Britain. *Canad. Pub. Health J.*, 1931, 22: 55-69.—**Hatton, J.** Treatment of insured persons [at spas] *Med. Press & Circ.*, Lond., 1927, n. ser., 124: 285-8.—**Helbich, B.** [Organization of medical service in sickness insurance] *Vest. česk. lékař.*, 1927, 39: 8-10.—**Higgins, T. S.** Social insurance; some notes on medical benefit. *J. M. Ass. S. Africa*, 1927, 1: 196-200.—**Holland, E.** National health insurance and medical services for rural areas. *S. Afr. M. J.*, 1936, 10: 249-56.—**Insurance** (The) medical service. *Annual Rep. Chief M. Off. Min. Health*, Lond., 1934, 102; 1937, 75.—**Insurance** (The) medical service week by week. *Brit. M. J.*, 1937, 2: No. 1716, Suppl., 244.—**Jackson, F. W.** Medical care in social security. *J. Lancet*, 1936, 56: 513-7.—**Knobloch, F.** Die rechtlichen Verpflichtungen der Krankenkassen bei stationärer Behandlung von Kassenkranken. *Zschr. ges. Krankenhauswes.*, 1936, 452-7.—**König, F.** Mangelnde Voraussicht in Behandlung und Begutachtung, mangelnde Zusammenarbeit von Arzt und Versicherungsträger. *Chirurg*, 1939, 11: 158-61.—**Langer, G.** Ambulante Sachleistungen, kassenärztliche Vereinigung Deutschlands (KVD) und Krankenkassen. *Zschr. ges. Krankenhauswes.*, 1935, 169-71.—**Leoncini, F.** I limiti della libertà di cura dell'assicurato contro le malattie. *Arch. antrop. crim.*, Tor., 1935, 55: Suppl., 110-28.—**McConnell, H. W.** After-care under the National Insurance act. *Lancet*, Lond., 1912, 2: 774-6.—**Malmberg, N.** [Concerning medical attendance for children of the members of the sick relief fund and care in the children's hospital during the new-born period] *Nord. med.*, 1939, 3: 2290.—**National** (The) Health Insurance, medical service and the future position of the medical profession with regard to state or general medical service. *Med. Press & Circ.*, Lond., 1931, 131: 98-101.—**Ochsner, E. H.** Social insurance; quality of medical services deteriorates under compulsory health insurance. *Med. Times*, N. Y., 1932, 60: 220.—**Panick, C.** Die Pflicht zur Duldung ärztlicher Eingriffe in der Sozialversicherung, besonders der Krankenversicherung. *Vertrauensarzt*, 1934, 2: 245-8.—**Roeschmann, H.** Das Naturheilverfahren im Dienste der Krankenversicherung. *Deut. Zschr. öff. Gesundheitsf.*, 1925-26, 2: 180-4.—**Savornin Lohman, W. H.** De Ambtshele toeckenning van schadeloosstelling voor genees en heekkundige behandeling. *Centr. org. Ongeval-Verzek.*, Haarlem, 1907, 4: 399-401.—**Schweighäuser, F.** Der Begriff der ärztlichen Behandlung in der Sozialversicherung. *Vertrauensarzt*, 1938, 6: 126-32.—**Services** outside the insurance practitioner's contract; submission of form G. P. 45. *Brit. M. J.*, 1936, 1: Suppl., 63.—**Sommer, D.** Darf der Kassenarzt einen Kranken, der keinen Krankenschein beibringt, als Privatpatienten behandeln? *Med. Welt*, 1933, 7: 348.—**Stroomann, J.** Zur Reform der Begutachtungs- und Heilverfahrenspraxis in der Sozialversicherung. *Vertrauensarzt*, 1933, 1: 77.—**Tixier, A.** Il servizio medico dell'assicurazione sociale. *Difesa sociale*, 1934, 13: 181-91. Also *Pensiero med.*, 1934, 23: 261-70.—**Warren, B. S.** The relation of medical benefits of health insurance to existing health agencies. *J. Sociol. M.*, 1916, 17: 342-55.—**Weicksel, J.** Das Heilverfahren in der Sozialversicherung. *Deut. med. Wschr.*, 1935, 61: 760-4.—**Weizsäcker, V. von.** Die Verflechtung der Therapieformen. *Ibid.*, 1933, 59: 1605-7.—**Wette, W.** Sozialversicherung und Notverordnung. *Chirurg*, 1933, 5: 823-30.—**Witte, A.** Heilbehandlung und Sozialversicherung. *Wien. klin. Wschr.*, 1928, 41: 91-3.

— State medicine: Service benefits: Medical supply service.

LAŽANSKÝ, L. Die ökonomische kassenärztliche Rezeptur. 97p. 8°. Wien, 1912.

Barla-Szabó, J. Die Kontrolle der An- und Abfertigung der Arzneien. *Ber. Internat. Kongr. Sozialversch.* (1936) 1937, 2. Kongr., 145-8.—**Bartsch, K.** Arzneimittelversorgung der

Krankenkassenpatienten. Vertrauensarzt, 1933, 1: 49-55.—**Bellucci, O.** Un problema di attualità nell'assistenza medica mutualistica; le prestazioni farmaceutiche. *Zacchia*, 1939, 2. ser., 3: 95-114.—**Dehler.** Selbstabgabestellen von Heilmitteln bei Krankenkassen. *Verinsbl. pfälz. Aerzte*, 1924, 36: 56-61.—**Gerrevink, A. J. van** [Economizing on provision of medicines in sick funds] *Ned. tschr. geneesk.*, 1936, 80: 572-80.—**Hanauer.** Der Arzneihunger der Kassenmitglieder. *Zschr. ärztl. Fortbild.*, 1922, 19: 279-82.—**Henderson, V. E.** The pharmacopoeia for the indigent, the insured, and the ordinary patient. *Canad. M. Ass. J.*, 1935, 33: 303-6.—**Hoffmann.** Die Versorgung mit Arznei als Pflichtleistung der Krankenkassen. *Apoth. Ztg.*, 1927, 42: 1283-5.—**Karcher, J.** Augmentation des dépenses pharmaceutiques des Caisses d'assurances sociales. *Rev. hyg. méd. social.*, Par., 1938, 17: 217-9.—**Lilley, E. L.** Prescribing under the National health insurance acts. *Brit. M. J.*, 1940, 2: Suppl., 59-62.—**Nottebaum.** Der Weg zur wirtschaftlichen Verschreibeweise in der Krankenkassenpraxis. *Deut. med. Wschr.*, 1921, 47: 1595.—**Old age assistance prescriptions.** N. Jersey J. Pharm., 1940, 13: No. 9, 18.—**Pirastu, V.** Le correzioni protesiche nella nuova legge infortuni. *Assist. sociale*, Roma, 1938, 12: 127-35.—**Stedel, H.** Arzneimittel und Krankenkassen. Vertrauensarzt, 1933, 1: 102-6.—**Winslow** [New rules for dispensation of medicines by the Sick Fund and other medical problems] *Ugeskr. laeger*, 1937, 99: 838; 1940, 102: 909-12.

— State medicine: Service benefits: Supervision and medical policing.

GERICKE, G. A. *Der Begriff Krankheit im Militär- und im Kranken- und Unfallversicherungsgesetz [Zürich] 81p. 8°. [Lachen] 1927.

LEHMANN, H., & MOSBACHER, E. Die ärztliche Begutachtung in der Krankenversicherung. 376p. 8°. Berl. [1931]

SCHOLTZE, G. Ärztliche Gutachtertätigkeit für Reichsversorgung und Reichsversicherung; Grundlagen der ärztlichen Begutachtung; ärztliche Fragen der Reichsversorgung. 54p. 8°. Lpz., 1936.

— Ärztliche Gutachtertätigkeit für Reichsversorgung und Reichsversicherung; ärztliche Fragen der Reichsversicherung. 68p. 8°. Lpz., 1936.

Alimann. Betrachtungen über den vertrauensärztlichen Dienst auf dem Lande. Vertrauensarzt, 1935, 3: 223-5.—**Böhmer, K.** Rechtliche Grundlagen der ärztlichen Begutachtung für die Sozialversicherung. *Zschr. Gesundheitsverw.*, 1932, 3: 31-8.—**Bofinger.** Aussteuerung und Vertrauensarzt. Vertrauensarzt, 1937, 5: 274-9.—**Bruglocher.** Ueber die ärztliche Gutachtertätigkeit zum Vollzug des Krankenversicherungsgesetzes. *Off. Ber. Landesversamml. Bayer. Medizinbeamten-Ver.*, 1906, 3: 3-9.—**Buss.** Kritische Beurteilung von Nachuntersuchungsergebnissen. Vertrauensarzt, 1935, 3: 59.—**Certificate on another doctor's diagnosis.** *Brit. M. J.*, 1935, 2: Suppl., 153.—**Dracklé, W.** Die Stellung des Vertrauensarztes; gesehen von einem Landarzt. Vertrauensarzt, 1933, 1: 107.—**Duvoy, M.** La notion de maladie en assurances sociales. *Ann. méd. lég.*, 1935, 15: 760-3.—**& Desoille, H.** La notion de maladie en assurances sociales. *Paris méd.*, 1932, 85: 429.—**Eisenstadt, L.** Selbstverwaltung und Gutachterkommissionen in der Arbeiterversicherung. *Aerztl. Sachverst. Ztg.*, 1906, 12: 179; 339.—**Zur Würdigung und Vereinfachung der ärztlichen Begutachtung in der Krankenversicherung.** *Ibid.*, 1907, 13: 96-100.—**Engel, H.** Das Wirken der Schiedsgerichte für Arbeiterversicherung und ihrer Vertrauensärzte. *Med. Klin.*, Berl., 1907, 3: 1354-9.—**Frank, P.** Der kontrollärztliche Dienst der Unfallversicherungs-Gesellschaften. *Ber. Verh. internat. Kongr. Versicher. Med.*, 1906, 4. Kongr., 461-9.—**Gisbertz.** Forschungsstellen für Berufsberatung und ärztliche Begutachtung. Vertrauensarzt, 1936, 4: 176-8.—**Gottwald.** Zusammenarbeit des vertrauensärztlichen Dienstes mit der Deutschen Arbeitsfront. *Ibid.*, 1939, 7: 103.—**Der vertrauensärztliche Dienst bei den Westarbeiten.** *Ibid.*, 130-3.—**Grassmann, K.** Ueber ärztliche Begutachtung im staatlichen Versicherungswesen. *Zschr. ärztl. Fortbild.*, 1907, 4: 516-26.—**Grunert, E.** Bemerkungen über den Unterschied zwischen D-Bericht und Gutachten. *Mtschr. Unfallh.*, 1934, 41: 410-2.—**Hampel.** Der Ursachenbegriff in der Sozialversicherung. *Arch. orthop. Unfallchir.*, 1932-33, 32: 524-38.—**Haupt.** Diagnostischer Koffer für vertrauensärztliche Dienststellen. Vertrauensarzt, 1937, 5: 178.—**Health insurance; disease defined** [Massachusetts] *J. Am. M. Ass.*, 1937, 109: 1152.—**Henkel, M.** Versicherungspraxis und Rechtsgefühl. *Deut. med. Wschr.*, 1930, 56: 2219.—**Hofbauer, A.** Ueber Vertrauensarztium und zur Betriebslehre der vertrauensärztlichen Dienststellen. Vertrauensarzt, 1936, 4: 145; 169.—**Holzappel.** Beitrag zum Ausbau des vertrauensärztlichen Dienstes. *Ibid.*, 103.—**Hühner.** Die Aufgaben des Vertrauensarztes. *Aerztl. Prakt.*, 1932-33, 3: 49-51.—**Jobs, H.** Berufsgruppenuntersuchungen im vertrauensärztlichen Dienst. Vertrauensarzt, 1939, 7: 73-6.—**Josef, E.** Ablehnung des Vertrauensarztes des Versicherers als Sachverständigen. *Aerztl. Sachverst. Ztg.*, 1926,

32: 187-90.—**Judica, G.** Assicurazione malattie e colpa dell'assicurato. *Arch. antrop. crim.*, Tor., 1935, 55: Suppl., 96.—**Kiesel, W.** Die Ruhegehaltsansprüche der Vertrauensärzte. Vertrauensarzt, 1938, 6: 169-83.—**Lauber, W.** Ärztliche Mitwirkung bei der richterlichen Urteilsfindung in Sozialversicherungssachen. *Schweiz. med. Wschr.*, 1940, 70: 541-9.—**Lehsten, von.** Dürfen Aerzte des vertrauensärztlichen Dienstes der Krankenversicherung an Betriebsärzte Auskunft über die Ergebnisse vertrauensärztlicher Untersuchungen erteilen? betrachtet aus dem Gesichtspunkt der ärztlichen Schweigepflicht. Vertrauensarzt, 1938, 6: 266-9.—**Das ärztliche Gutachten im Spruchverfahren vor dem Oberversicherungsamt.** *Ibid.*, 1939, 7: 145-9.—**Lyth, J. C.** Medical certification in health insurance. *Brit. M. J.*, 1928, 1: Suppl., 206-8.—**Marschner, H.** Die Aufgaben des Hauptvertrauensarztes der LVA. Vertrauensarzt, 1936, 4: 128-31.—**Martinek.** Gutachten und Gutachter in der Sozialversicherung. *Deut. med. Wschr.*, 1938, 64: 1429-33.—**Masignani, V.** Il concetto medico-legale di malattia (a proposito della costituzione delle Casse Mutue di malattia dei lavoratori dell'industria) *Rass. med. lavoro indust.*, 1930, 1: 67-70.—**Müller, B. W.** Offene Worte zwischen Vertrauensarzt und Kassenarzt. Vertrauensarzt, 1936, 4: 56-9.—**New regulation of the supervisory medical consultant service** (Berlin) *J. Am. M. Ass.*, 1936, 107: 143.—**Oldemeyer, E.** Der Begriff der Krankheit im Sinne der RVO. *Münch. med. Wschr.*, 1937, 84: 1912.—**Paulus & Singer.** Krankenkasse, Vertrauensarzt und Krankenhaus. Vertrauensarzt, 1931, 2: 130-3.—**Raba.** La notion d'invalidité en assurances sociales; comment l'apprecier en collaboration avec le médecin traitant. *J. méd. Bordeaux*, 1939, 116: 613-8.—**Rautenberg, E.** Krankenkasse, Vertrauensarzt und Krankenhaus. Vertrauensarzt, 1934, 2: 127-30.—**Rowlette, R. J.** A note on the certification of insured persons in Ireland. *Tr. R. Acad. M. Ireland*, 1916, 34: 117-25. Also *Med. Press & Circ.*, Lond., 1916, 152: 167-9.—**Sack, L. S.** Certification in insurance practice. *Lancet*, Lond., 1924, 1: 449.—**Schäfer.** Der Arzt des Vertrauens. Vertrauensarzt, 1938, 6: 265.—**Schmidt.** Praktische Menschenkunde im vertrauensärztlichen Dienst. *Ibid.*, 1934, 2: 173-6.—**Erster Schulungslehrgang für Vertrauensärzte in der Führerschule der deutschen Ärzteschaft in Alt-Rehse** (26. August bis 5. September 1937) *Ibid.*, 1937, 5: 241-4.—**Schmidt, W.** Hausbesuch durch den Vertrauensarzt. *Ibid.*, 1939, 7: 32.—**Schweighäuser, X.** Zur Würdigung ärztlicher Gutachten im Verfahren der Sozialversicherung. *Deut. med. Wschr.*, 1936, 62: 353.—**Das Recht des Versicherten auf gutachtliche Vernehmung eines bestimmten Arztes im Verfahren vor dem Oberversicherungsamt.** Vertrauensarzt, 1937, 5: 9-11.—**Der sozialversicherungsrechtliche Begriff der Krankheit.** *Ibid.*, 203-6.—**Das Recht des Versicherten auf gutachtliche Vernehmung eines bestimmten Arztes im Verfahren vor dem Oberversicherungsamt.** *Med. Welt*, 1939, 13: 1516.—**Siegmund, B.** Ueber den versicherungsrechtlichen Krankheitsbegriff. *Aerztl. Sachverst. Ztg.*, 1934, 40: 104-6.—**Die Krankheit im privaten und sozialen Versicherungsrecht.** *Veröff. Medverwalt.*, 1934, 42: 79-164.—**Sobota.** Die ärztliche Nachuntersuchung in der Krankenversicherung. *Deut. med. Wschr.*, 1917, 43: 149.—**Stier, E.** Die ärztliche Gutachtertätigkeit in der Sozialversicherung. *Ibid.*, 1934, 60: 481-5.—**Wie kann die Qualität der ärztlichen Gutachten für die Sozialversicherung gebessert werden?** *Arch. orthop. Unfallchir.*, 1935-36, 36: 341-7.—**Strassmann, G.** Der Begriff Krankheit in der Rechtsprechung der ordentlichen Gerichte und sozialen Behörden. *Deut. med. Wschr.*, 1930, 56: 1054-7.—**Stroomann, H.** Die Neuregelung des vertrauensärztlichen Dienstes in der Krankenversicherung. *Mtschr. Unfallh.*, 1936, 43: 403.—**Tröschner, H.** Zur Untersuchungstechnik des Vertrauensarztes. Vertrauensarzt, 1936, 4: 217-9.—**Trost.** Gemeinschaftsarbeit des medizinischen Aufsichtsbeamten der Berufsgenossenschaften mit deren technischen Aufsichtsbeamten. *Ibid.*, 271-3.—**Vimard, R.** La révision et le tiers responsable. *Rec. spéc. acid. trav.*, 1933, 33: 257-61.—**[Violation of regulations as a cause for refusal of sick-funds]** *Geneesk. gids*, 1934, 12: 728.—**Weickel, J.** Die ärztliche Begutachtung in der Sozialversicherung. *Münch. med. Wschr.*, 1934, 81: 398-402.—**Weiss, C.** Bedeutung und Führung der vertrauensärztlichen Untersuchungskarte. Vertrauensarzt, 1938, 6: 269-72.

— State medicine: Statistics.

See also Morbidity; Mortality.

GERMANY. STATISTISCHES REICHSAMT. Die Krankenversicherung, 1936. 139p. 31cm. Berl., 1938.

Anders, G. Die Krankenversicherung im Jahre 1937 und in den Vorjahren; ein statistischer Ueberblick. Vertrauensarzt, 1938, 6: 145-50. Also *Zschr. ges. Krankenhauswes.*, 1938, 217-21.—**Augustin, G.** Die Krankenversicherung im Jahre 1930 und vorläufige Ergebnisse für 1931. *Klin. Wschr.*, 1932, 11: 1961-4.—**Dally, P.** Résultats statistiques de l'assurance maladie. *Presse méd.*, 1936, 44: 2052.—**Ergebnisse der obligatorischen Krankenversicherung in den Jahren 1896-1901.** *Oesterr. San. Wes.*, 1904, 16: 177; 185.—**Finkenrath, K.** Die vergleichende Statistik der Krankenkassen im Ausland. *Klin. Wschr.*, 1929, 8: 463.—**Graham, T. G.** Sickness expectation and experience. *J. R. San. Inst.*, 1934, 55: 248-65.—**Hadrich.** Die Krankenversicherung im Jahre 1925. *Aerztl. Mitt.*, Lpz., 1927, 28: 769-72.—**Morbidity under the Scottish panel system.**

J. Am. M. Ass., 1937, 109: 60.—**Nothaas, J.** Der Krankenstand bei den Krankenkassen. Allg. statist. Arch., 1925-26, 15: 379-400.—**Oppelt.** Die Nutzbarmachung der Statistik der Krankenversicherung für die Medizinalverwaltung. Medizinalarch. Deut. Reich, 1911, 2: 17-27.—**Prinzinger.** Die Krankenstatistik der Allgemeinen Ortskrankenkasse in Berlin 1926 und 1927. Zschr. Schulgesundh., 1928, 41: 545: 575.—**Rapport** du Conseiller d'état directeur général de l'hygiène et de l'assistance sur le fonctionnement des services d'assistance en 1937. Rev. philanthrop., Par., 1938, 54: 395-407.—**Ryss, S.** [Sickness among the insured in Leningrad] Vrach. gaz., 1925, 29: 296-8.—**Some** social insurance statistics. J. Am. M. Ass., 1937, 108: 568.—**Spurgeon, E. F.** The sickness experience amongst persons insured under the National Health Insurance scheme. J. R. San. Inst., 1928-29, 49: 409-21.—**Tekey, L.** Die Schwierigkeiten bei der Verwertung der Krankenkassenstatistik. Wien. klin. Wschr., 1911, 24: 568-73. Die Krankheitsstatistik der nach dem Rheinischen Schema arbeitenden Krankenkassen 1922-31. Arch. Gewerbepath., 1933-34, 5: 764-809.—**Vital** statistics in sickness insurance. J. Am. M. Ass., 1936, 107: 505.

— State medicine—by countries.

See also subheading Laws.

DANIEL, C. C. *L'organisation médicale des assurances sociales en Roumanie. 80p. 8°. Par., 1937.

DUYL, H. S. VAN. Ontwerp ziekteverzekeringwet 1905 en de daarmede verband houdende voorgestelde wijzigingen der ongevallenwet 1901, gevolgd door de memorie van toelichting en voorafgegaan door eene inleiding. 144p. 8°. Haarlem, 1904.

— Ziekte verzekeringswet 1907; ontwerp en memorie van toelichting; voorzien van eene inleiding. 139p. 8°. Haarlem, 1906.

ESPINOSA FERRÁNDIZ, J. El seguro de enfermedad; estudio médico-social ante su implantación en España. 263p. 12°. Madr. [1933]

LOEFFLER, C. *Die staatliche Krankenversicherung in den europäischen Kulturländern im Vergleich zur deutschen Sozialgesetzgebung. 46p. 8°. Freib. i. B., 1927.

OCHSNER, C. *Die schweizerischen Betriebskrankenkassen [Zürich] 135p. 22½cm. Uster, 1938.

ROMBOUTS, K. H. Verplichte verzekering tegen ziekte. 43p. 8°. Haarlem, 1904.

SMITS, G. Ter organisatie der staatsziekenverzekering. 55p. 8°. Gravenh., 1904.

WAGNER, S. *Die staatliche Unfall-Versicherung in den europäischen Kulturländern im Vergleich zur deutschen Sozialversicherung [Freiburg] 54p. 8°. Weissenfels-Saale, 1931.

Adamsen, W. A. D. The Swedish system of state medicine. Edinburgh M. J., 1937, 44: 603-9.—**Aráoz Alfaro, G.** Unificación y coordinación en materia de trabajo, medicina y asistencia social. Sem. méd., B. Air., 1940, 47: 614-7.—**Asistencia (La)** médica del seguro social; organización y orientación de los servicios asistenciales de la Caja nacional de seguro social. Reforma méd., Lima, 1939, 25: 100-3.—**Borne.** El seguro-enfermedad obligatorio. San. & benef., Habana, 1920, 24: 257-79.—**Buning.** Ziekte-verzekering. Med. rev., Haarlem, 1905, 5: 188-93.—**Chaloupecký, J.** [On the reform of working men's insurance] Věstník, Praha, 1907, 19: 121; 146; 169; 205; 225.—**Corwin, E. H. L.** State medicine in Europe. Bull. Am. Hosp. Ass., 1932, 6: 40-6.—**Crownhart, J. G.** Looking at health insurance abroad. Fed. Bull., Chic., 1939, 25: 163-72.—**Decref, J.** El seguro obligatorio de enfermedad. Siglo méd., 1935, 95: 363.—**Desarrollo (El)** progresivo de los servicios de asistencia médica de la Caja nacional de seguro social. Reforma méd., Lima, 1939, 25: 265-86.—**Diepen, H. A.** Het ontwerp-wet ziekteverzekering. Med. wbl., Amst., 1904-5, 11: 453; passim.—**Drooge, J. van.** Ernstige bezwaren tegen het ontwerp ziekteverzekering. Centr. org. Ongeval. Verzeke., Haarlem, 1907, 4: 337-47.—**Duyf, H. L. van.** De wijziging der ongevallenverzekering in verband met de invoering der ziekteverzekering. Ibid., 252-66.—**England, W.** Social medicine and health insurance in Europe. West Virginia M. J., 1939, 35: 65-73.—**Eyk, H. H. van** [State medical care in Holland, compared with the Danish system of sick-insurance] Ned. tschr. geneesk., 1920, 1: 1256-66.—**Fang, I. C.** A plan for the introduction of compulsory sickness and accident insurance for Chinese industrial workers. Tr. Far East. Ass. Trop. M., 1934, 9: pt 2, 813-22.—**Fernós Isern, A.** El seguro de enfermedad obligatorio, oficial o de Estado; la conveniencia de su establecimiento en Puerto Rico. Bol. As. méd. Puerto Rico, 1923-24, 18: No. 147, 9-10.—**Finkenrath, K.** Die Krankenversicherungsstatistik. Deut. med. Wschr., 1927, 53: 2126. — Die

Krankenversicherung im Jahre 1926. Klin. Wschr., 1929, 8: 271. — Die Entwicklung der Krankenversicherung im Jahre 1930. Ibid., 1931, 10: 1823-5. — Krankenversicherung und Aerzte in verschiedenen Ländern (Stand 1931) Ibid., 1932, 11: 1034-6.—**Grant, J. B.** State medicine; a logical policy for China. Nat. M. J. China, 1928, 14: 63-80.—**Hacia** la plena ejecución de los seguros sociales. Reforma méd., Lima, 1940, 26: 63.—**Health** insurance in European countries. Bull. Am. M. Ass., 1935, 30: 49.—**Health** insurance policy in Eire. Lancet, Lond., 1938, 1: 1244.—**Helbich, B.** [Guide to our medical social insurance] Vest. česk. lék., 1927, 39: 487; 497.—**Herrera, A., jr.** Informe a la Federación médica de Cuba. Med. d. hoy, Habana, 1939, 4: 523-31.—**Hertzog, L. S.** State medicine as administered in foreign lands. J. Am. Inst. Homeop., 1938, 31: 476-83.—**Hirsch, H.** Brief aus Estland; Sozialversicherung und Aertzschaft in Estland. Deut. med. Wschr., 1932, 58: 188.—**Holmberg, A.** [Medical government institutions] Hygiea, Stockh., 1909, 2. F., 9: 575-636.—**Ichok, G.** El seguro social contra la enfermedad. Arch. med., Madr., 1932, 35: 372-8.—**Janiszewski, T.** [Combining the affairs of public health with public insurance] Polska gaz. lek., 1926, 5: 217.—**Janulov, I.** [Government insurance of Bulgarian laborers] Sovrem. khig., 1907, 1: 27-33.—**Koffler, E.** Compulsory health insurance abroad. N. York State J. M., 1932, 32: 437-46.—**Lim, R. K. S., & Chen, C. C.** State medicine. Chin. M. J., 1937, 51: 781-96.—**Lönnqvist, B.** [The physician and compulsory accident insurance] Fin. läk. säll. hand., 1925, 67: 327-46.—**McCleary, G. F.** Health insurance in Europe. Q. Bull. Milbank Mem. Fund, 1934, 12: 3-14.—**Margaritis, J.** Die Organisation der Sozialversicherung in Griechenland. Deut. med. Wschr., 1938, 64: 1116.—**Medical** and health aspects of social security in Latin America. Bull. Panamer. Union, 1939, 73: 3-13.—**Meijers, E. M.** De noodloosze gecompliceerdheid van vele bepalingen in het ontwerp-ziekteverzekering. Centr. org. Ongeval. Verzeke., Haarlem, 1907, 4: 385-98.—**Ministerio** de Sanidad y Asistencia Social; sus actividades en el Plan Trienal elaborado por el Ciudadano Presidente de la República General Eleazar López Contreras, para ser desarrollado en el lapso comprendido entre julio de 1938 y junio de 1941. Bol. Min. san. Venezuela, 1937-38, 2: Suppl., 1-90, 3 ch.—**Molotov, W.** Ein Medizinalministerium in Bulgarien. Deut. med. Wschr., 1911, 37: 601.—**National** health insurance in Ireland. Lancet, Lond., 1938, 2: 278.—**Neilson, F.** Social insurance: its bearing on the profession and the public as observed in Great Britain and on the Continent. J. Am. M. Ass., 1917, 68: 396-8.—**Oldt, F.** State medicine problems. Chin. M. J., 1937, 51: 797-802.—**Pach, H.** Der ungarische Arbeiterschutz. Zschr. sozial. Med., 1909-10, 5: 1-54.—**Rowlette, R. J.** The National Insurance Act and state medicine in Ireland. Med. Press & Circ., Lond., 1912, n. ser., 93: 512-4. — Medical reform in Ireland. Tr. R. Acad. M. Ireland, 1921, 4. ser., 49-56.—**Salazar, M.** El seguro obligatorio de enfermedad. An. Acad. nac. med., Madr. (1935) 1936, 55: 68-77.—**Sanz-Barrio, J.** Bosquejo de un seguro social de enfermedad. Labor méd., Méx., 1935, 4: 103; 153.—**Seguro (El)** social en su aspecto médico sanitario en las repúblicas americanas. Med. d. hoy, Habana, 1939, 4: 641-59.—**Sickness** insurance in the Netherlands. Month. Labor Rev., 1937, 45: 1345-54.—**Sickness** insurance in Norway. Ibid., 1938, 46: 1122-33.—**Skundina, S. I.** [Social health insurance in foreign countries] Gig. san., Moskva, 1940, 5: No. 5, 19-24.—**Soeselo Wiriosapoetro, R.** [Medical service of the People's Fund in Billiton] Geneesk. tschr. Ned. Indië, 1938, 78: 401-29.—**Srobár, V.** [Work of the social medical organization in Slovakia] Bratisl. lek. listy, 1936, 16: 241-57.—**Steinwallner.** Geplante japanische Sozialversicherung. Vertrauensarzt, 1938, 6: 58.—**Sundelin, F.** [Report of the activity of the Royal Pension Board in regard to the care of the sick] Sven. läk. tidn., 1935, 32: 33-43.—**Ten** years of compulsory sickness, disability and old age insurance in Chile. Bull. Panamer. Union, 1936, 70: 863-9.—**Tsurumi, M.** Sur la création au Japon du Kosei-sho: Ministère de l'hygiène et de la prévoyance sociale. Bull. Off. internat. hyg. pub., Par., 1938, 30: 1968.—**Winslow, C. E. A.** Sickness insurance in Central Europe and its lessons for us in the United States. Yale J. Biol., 1928-29, 1: 391-402.—**Wolfenden, H. H.** The development and characteristics of governmental health insurance plans in Europe and the British Empire, excluding Canada. Canad. M. Ass. J., 1940, 42: 276-80.—**Wu, Lien-teh.** Fundamentals of state medicine. Chin. M. J., 1937, 51: 773-80.—**Zacher.** Die Arbeiter-Versicherung im Auslande. Tuberculosis, Lpz., 1903, Suppl., 2, 1-38.—**Zum Busch, J. P.** Aus England, Frankreich und den Vereinigten Staaten. Deut. med. Wschr., 1934, 60: 1213-5.

— State medicine—by countries: British Empire.

FOSTER, W. J., & TAYLOR, F. G. National health insurance. 2. ed. 287p. 8°. Lond., 1935. Also 3. ed. 288p. 1937.

GRAY, A. Some aspects of National Health Insurance. 29p. 8°. Lond., 1923.

MCCLEARY, G. F. National health insurance. 185p. 8°. Lond., 1932.

NEWMAN, T. S., & LEE, A. G. Guide to national health insurance. 4. ed. 63p. 16°. Lond. [1936]

WOOD, K., & NEWMAN, T. S. National health insurance manual [2. ed.] 206p. 8° [Lond., 1924]

- Albertyn, C. J. National health insurance. *S. Afr. M. J.*, 1939, 13: 149-51.—Another plan replaces National Health Insurance in Australia. *J. Am. M. Ass.*, 1939, 112: 1982.—Australian national insurance; comparison with British system. *Lancet*, Lond., 1938, 2: 693.—Beginnings of state medical service in Australia. *J. Am. M. Ass.*, 1937, 109: 1055.—Booth, W. G. Some notes on a state medical service. *Med. Off.*, Lond., 1940, 64: 159.—Brackenbury, H. B. The development of National Health Services. *Brit. M. J.*, 1932, 1: Suppl., 133-6.—Health insurance in England; has it been successful? *Mod. Hosp.*, 1934, 42: 41-4.—Also *N. England J. M.*, 1934, 210: 851-4.—Also *Q. Bull. Milbank Mem. Fund*, 1934, 12: 194-202.—Health insurance with medical care, the British experience. *J. Am. M. Ass.*, 1939, 112: 633-5.—British Columbia (The) plan for compulsory health insurance. *West. Hosp. Rev.*, 1935-36, 23: No. 3, 5.—British Columbia physicians reject sickness insurance. *J. Am. M. Ass.*, 1937, 108: 888.—British health insurance and the American problem. *Brit. M. J.*, 1939, 1: 72.—British health-insurance system. *Month. Labor Rev.*, 1939, 48: 77-92.—British (The) health insurance system for workers. *Labor Inform. Bull.*, Wash., 1939, 6: No. 2, 8.—Brown, C. P. International relationships of the Department of Pensions and National Health. *Canad. Pub. Health J.*, 1938, 29: 116-21.—Buchan, G. F. Health administration in relation to Poor Law reform and National Health Insurance. *Med. Off.*, Lond., 1926, 36: 73.—Burton, A. W. National health insurance. *S. Afr. M. J.*, 1933, 7: 491-5.—Canónico, A. N. La interacción médico-social en Gran Bretaña. *Bol. Inst. clin. quim.*, B. Air., 1940, 16: 373-7.—Cassidy, H. M. The British Columbia plan of health insurance. *Canad. M. Ass. J.*, 1935, 33: 197-202.—Charley, I. H. National Health Insurance in Great Britain. *Pub. Health Nurs.*, 1935, 27: 125-8.—Cluver, E. H. National Health Insurance. *S. Afr. M. J.*, 1939, 13: 365-8.—Collie, J. (Chairman) Hatch, L. J. (Sec.) [et al.] Report of the Departmental Committee of Inquiry: National Health Insurance. *Ibid.*, 1937, 11: 260-318.—Collier, H. E. The existing state of the health services in Great Britain. *Brit. M. J.*, 1938, 2: Suppl., 344-7.—Coming (The) of age of National Health Insurance. *Ibid.*, 1933, 1: Suppl., 43.—Cook, J. E. Health insurance with medical care in England. *J. Missouri M. Ass.*, 1940, 37: 116.—Copeland, J. W. Twenty-one years experience in the insurance medical service in the City of Norwich. *J. State M.*, Lond., 1935, 43: 72-87.—Cox, A. Seven years of National Health Insurance in England; a retrospect. *Med. J. Australia*, 1924, 2: 161; 188.—Les assurances sociales en Angleterre au point de vue médical. *Bruxelles méd.*, 1930-31, 11: 295-303.—A general medical service for the nation. *J. R. San. Inst.*, 1933, 54: 52-7.—Cumpston, J. H. L. The tendency towards nationalisation of medicine. *Australas. M. Gaz.*, 1910, 29: 648-52.—Health and medical services. *Health Bull.*, Melb., 1937, Nos. 49-50, 1367-72.—Currie, O. J. National Health Insurance. *J. M. Ass. S. Africa*, 1929, 3: 303-8.—Dain, H. G. National Health Insurance. *Brit. M. J.*, 1933, 1: Suppl., 61-5.—Daley, W. A. The general public health services; then and now. *Med. Press & Circ.*, Lond., 1939, 202: 73-7.—Daubenton, F. National Health Insurance. *S. Afr. M. J.*, 1937, 11: 599-603.—Health or National Health Insurance? *Ibid.*, 1939, 13: 351-9.—Dey, L. A. National Health Insurance. *Australas. J. Pharm.*, 1937, n. ser., 18: 400.—Also *Med. J. Australia*, 1937, 1: 527-31.—Discussions on health insurance. *Lancet*, Lond., 1934, 2: 45.—Dreman, J. G. The State control of health. *Brit. M. J.*, 1906, 2: 857.—Earp, J. R. New Zealand ponders health insurance. *N. York State J. M.*, 1939, 39: 271.—Embelton, D. M. Proceedings of the Royal Commission appointed to inquire into matters pertaining to national health insurance; evidence submitted by Dr D. M. Embelton. *Med. J. Australia*, 1939, 1: 163-71.—Ex-Panel. The coming state medical service. *Med. Press & Circ.*, Lond., 1931, 131: 469-71.—Fisher, T. L. Health insurance and associated medical services incorporated. *Canad. M. Ass. J.*, 1939, 40: 284-9.—Fleming, G. A plan of health insurance for British Columbia. *Canad. Pub. Health J.*, 1935, 26: 419-21.—General (A) medical service for the Nation (Great Britain). *J. Am. M. Ass.*, 1938, 110: 231-3; 1762.—Genesis (The) of National Health Insurance in New Zealand. *N. Zealand M. J.*, 1938, 37: 239-42.—Gerin-Lajoie, L. Rapport du comité sur les questions économiques de l'Association médicale canadienne sur l'assurance-maladie. *Union méd. Canada*, 1935, 64: 49; 166.—Gordon, J. C. L. The place of National Health Insurance administration in the public health scheme. *J. R. San. Inst.*, 1933, 53: 511-19.—Growth (The) of social services [Great Britain]. *J. Am. M. Ass.*, 1937, 109: 1998.—Harris, R. W. Some reflections on a state medical service. *Brit. M. J.*, 1936, 1: Suppl., 301-5.—Hart, W. E. Notes on proposals for a general medical service for the nation. *J. R. San. Inst.*, 1931, 52: 260; 1933, 54: 57.—Hastings, S. The evolution of a state medical service. *Med. Off.*, Lond., 1935, 53: 105-7.—From panel to public service. *Lancet*, Lond., 1940, 1: 375.—Murray, D. S. [et al.] Debate on a state medical service. *Postgrad. M. J.*, Lond., 1939, 15: 112-29.—Heagerty, J. J. What is being done in the field of health insurance in Canada. *Yale J. Biol.*, 1935-36, 8: 98.—History and activities of the National Health Division of the Department of Pensions and National Health. *Canad. Pub. Health J.*, 1935, 26: 528-40.—Social security in New Zealand. *Nat. Health Rev.*, Ottawa, 1940, 8: 200-3.—Health insurance arguments bring out diversity of views. *Health*, Toronto, 1940, 8: 10.—Health insurance in Australia is dead. *J. Am. M. Ass.*, 1939, 112: 158.—Health insurance in Australia and New Zealand. *Ibid.*, 113: 1231.—Health insurance in British Columbia. *Nat. Health Rev.*, Ottawa, 1936-37, 4: 35-7.—Health insurance in Canada. *Brit. M. J.*, 1934, 2: 775.—Health insurance in England. *J. Am. M. Ass.*, 1938, 110: 183B; 189B; 197B.—Health insurance difficulties; Australia. *Ibid.*, 1939, 112: 164.—Helbich, B. [Results of investigation by Kralov committee of sickness insurance in Great Britain] *Vest. česk. lékař.*, 1926, 38: 823-5.—Hercus, C. E. Medical care program in New Zealand. *Proc. Conf. Health Author. N. America* (1939) 1940, 54. Meet., 21-4.—Health insurance in New Zealand. *N. Zealand M. J.*, 1935, 34: 85-97.—Hill, C. Whither National Health Insurance? *J. R. San. Inst.*, 1939-40, 60: 409-14.—Jackson, F. W. Co-ordination of medical practice with public health in Manitoba, Saskatchewan, and Alberta; the outlook in health preservation through properly supervised medical service. *Canad. Pub. Health J.*, 1936, 27: 536-41.—Medical and public health services in Canada; their recent extension and future. *Proc. Conf. Health Author. N. America*, 1938, 53. Meet., 35 bis-42 bis.—The program of medical care in Manitoba. *Canad. Pub. Health J.*, 1939, 30: 479-87.—Jelks, E. Health insurance in England. *J. Florida M. Ass.*, 1936-37, 23: 26-8.—Keay, J. H. State insurance and the Poor Law Commission. *Brit. M. J.*, 1910, 2: 742-8.—Kinneer, W. S. National health insurance; extracts from report to the Commonwealth government. *Australas. J. Pharm.*, 1937, n. ser., 18: 809.—L., E. National insurance schemes in Australia. *Lancet*, Lond., 1938, 1: 1463.—Learmonth, G. E. A health insurance scheme for Alberta. *Canad. M. Ass. J.*, 1935, 32: 439.—LeSage, A. L'action sociale du médecin canadien-français hier—demain. *Union méd. Canada*, 1940, 69: 1197-202.—Lyster, R. A. Sickness insurance and public health. *Pub. Health*, Lond., 1910-11, 24: 239.—Also *Brit. M. J.*, 1911, 1: 587.—McCleary, G. F. The English scheme of National Health Insurance. *Proc. Nat. Conf. Social Work*, 1933, 60. Meet., 57-64.—The coming of age of the National Health Insurance scheme; a retrospect. *Lancet*, Lond., 1933, 2: 378.—The influence of the medical profession on the English health insurance system. *Milbank Mem. Fund Q.*, 1935, 13: 23-9.—How grievances are dealt with under the English Health Insurance scheme. *N. England J. M.*, 1935, 213: 412-4.—MacDermot, J. H. Health insurance in British Columbia. *Canad. M. Ass. J.*, 1930, 23: 173-7.—McDonald, E. A. State medicine. *Ibid.*, 1934, 30: 666.—McGowan, R. G. A general medical service for the nation. *J. R. San. Inst.*, 1933, 54: 71-3.—McGugan, A. C. Alberta state health insurance report. *Canad. Pub. Health J.*, 1934, 25: 155-60.—McIntosh, J. W. The state health insurance movement in British Columbia. *Ibid.*, 1930, 21: 584-9.—McMillan, J. C. A proposed scheme of health insurance for Manitoba. *Ibid.*, 1935, 26: 105-9.—Also *Canad. M. Ass. J.*, 1935, 32: 311-3.—Martin, J. M. The provision of medical and surgical treatment by local authorities. *Med. Press & Circ.*, Lond., 1939, 201: 361-9.—Middleton, F. C. Health and sickness insurance in Saskatchewan. *Canad. Pub. Health J.*, 1930, 21: 601-7.—Mistake (The) of Mr Lloyd George. *N. York M. J.*, 1911, 94: 32.—Moll, A. M. A survey of national health insurance schemes. *S. Afr. M. J.*, 1939, 13: 695-8.—Moore, B. The nationalization of medical service. *Brit. M. J.*, 1910, 1: 1345-7.—First steps towards a state medical service. *Tr. Med. Leg. Soc.*, Lond., 1912-13, 10: 96-124.—National health insurance scheme [Australia]. *J. Am. M. Ass.*, 1938, 111: 185.—National insurance in Australia. *Brit. M. J.*, 1938, 2: 23; 409.—Also *Lancet*, Lond., 1938, 2: 162.—Also *Med. J. Australia*, 1938, 1: 859-61.—National health insurance [Australia]. *J. Am. M. Ass.*, 1938, 111: 462; 733; 1580.—National insurance postponed. *Ibid.*, 1939, 112: 348.—National health insurance fades out [Australia]. *Ibid.*, 2340.—National health insurance abandoned [Australia]. *Ibid.*, 1402.—National health and pensions insurance for Australia. *Ibid.*, 1938, 111: 75.—National insurance; action of the British Medical Association; the undertaking and the memorial. *Brit. M. J.*, 1911, 2: Suppl., 1-23.—National insurance. *Ibid.*, 1913, 1: Suppl., 25-43.—National Insurance in Great Britain. *Med. J. Australia*, 1936, 1: 412-5.—National health insurance. *N. Zealand M. J.*, 1935, 34: 291-6.—Also *S. Afr. M. J.*, 1936, 10: 523; 1939, 13: 37.—Also *J. Am. M. Ass.*, 1937, 109: 60.—National insurance for New Zealand. *Ibid.*, 1938, 110: 1938.—Also *Brit. M. J.*, 1938, 2: 456; 1939, 2: Suppl., 5.—Newsholme, A. Medicine and the state. *Med. Off.*, Lond., 1930, 44: 249-52.—People (The) and socialized medicine (New Zealand). *J. Am. M. Ass.*, 1938, 111: 2319.—P. E. P. report on the British health service; National Health Insurance. *Brit. M. J.*, 1938, 1: Suppl., No. 1730, 39-42.—Picken, R. M. F. A general medical service for the nation. *J. R. San. Inst.*, 1933, 54: 64-71.—Proceedings of the Royal commission appointed to inquire into matters pertaining to national health insurance. *Med. J. Australia*, 1938, 2: 294; passim.—Proposals for a free socialist medical service. *Med. Off.*, Lond., 1932, 47: 225; 235.—Proposed national insurance for Australia. *J. Am. M. Ass.*, 1938, 110: 1937.—Public (The) health medical services. *Brit. M. J.*, 1933, 1: 457-60.—Ray, K. S. National health insurance for India. *J. Ind. M. Ass.*, 1938-39, 8: 363.—Read, H. S. John Bull, M. D.; personal observations in England during March, 1936. *J. M. Soc. N. Jersey*, 1936, 33: 352-7.—Reinstatement of insured persons on doctors' lists at the end of the

war. Brit. M. J., 1940, 1: Suppl., 59.—**Report of the actuaries in relation to the scheme of insurance against sickness, disablement, etc. embodied in the National Insurance Bill, 1911.** J. Inst. Actuaries, Lond., 1911, 45: 405-55.—**Robinson, A.** National Health Insurance: some desirable extensions and the practical considerations governing them. J. R. San. Inst., 1936-37, 57: 259-66.—**Routley, T. C.** Trends in medical practice; with special reference to National Health Insurance practice in England and Canada. Pennsylvania M. J., 1933, 36: 432-5.—**Royal commission on national insurance; report of evidence taken in Melbourne.** Australas. J. Pharm., 1924, n. ser., 5: 705-11.—**Sand, R.** Les services sociaux et les services sanitaires en Grande-Bretagne. Arch. méd. sociale, Brux., 1938, 1: 697-720. — Une enquête sur l'assurance-maladie en Angleterre. Ibid., 1939, 2: 192-4.—**Scottish association of insurance committees.** Brit. M. J., 1937, Suppl., 2: 212.—**South African (A) health insurance scheme.** Lancet, Lond., 1937, 1: 1301-3.—**State (A) medical service.** Med. Off., Lond., 1940, 64: 121.—**State medicine and the dangers of bureaucracy.** Brit. M. J., 1933, 1: 62.—**State medicine in New Zealand.** J. Am. M. Ass., 1938, 111: 639.—**State medicine proposed in New Zealand.** Ibid., 1945.—**State service and the general practitioner.** Med. Press & Circ., Lond., 1934, 189: 509.—**State Sickness Insurance Committee; public medical service schemes.** Brit. M. J., 1912, 2: Suppl., 385-92.—**Steele, J. S.** State medicine; Britain's modern burden. Memphis M. J., 1936, 11: No. 11, 21; 28. Also Quincy M. Bull., 1936-37, 14: 38-41.—**Tarlie, J. A.** State medical service. S. Afr. M. J., 1933, 7: 392-5.—**Thomas, E. W. C.** Medical services and the State. Pub. Health, Lond., 1934-35, 48: 418-21.—**Wagner, L.** State medical service. S. Afr. M. J., 1938, 12: 241-5. — The inadequacies of medical service in South Africa. Ibid., 1939, 13: 152-6.—**Want (The) of coordination of medical services [Great Britain]** J. Am. M. Ass., 1938, 110: 220.—**Warner, R. G. H.** National Health Insurance in Great Britain and the British Dental Association's capitation scheme. Brit. Dent. J., 1936, 61: 461-4.—**Watson, A. W.** National Health Insurance; a statistical review. J. R. Statist. Soc., Lond., 1927, 90: 433-86.—**Whitaker, S.** Discussion on state sickness insurance (provision of medical attendance) as affecting the public health and the medical profession. Brit. M. J., 1910, 2: 608-16.—**Williams, A. H.** National insurance; a criticism of the scheme as it affects the medical profession. Ibid., 1911, 1: 1189.—**Williams, H.** The morphology of state medicine in Great Britain. Proc. R. Soc. M., 1932, 25: 1745.—**Wilson, W.** State medical insurance in British Columbia. S. Afr. M. J., 1939, 13: 41-3.—**Wodehouse, R. E.** Joint national services; the present union of health and pensions in one federal department has many advantages. Nat. Health Rev., Ottawa, 1940, 8: 29-33.—**Wolfenden, H. H.** Discussions concerning the applicability of health insurance in Canada. Canad. M. Ass. J., 1940, 42: 470-5.—**Zum Bush, J. P.** [A general medical service for the nation] Schweiz. med. Wschr., 1939, 69: 352-4.

— State medicine—by countries: France and Belgium [and colonies]

MARCADÉ, P. N. *Le médecin français et la loi sur les assurances sociales. 88p. 25½cm. Bord., 1933.

MOYSE, Y. *Les Assurances sociales en Meurthe-et-Moselle; 18 mois de contrôle médical; technique. 158p. 24cm. Nancy, 1934.

QUINOUI, A. A. L. J. *Une page de l'histoire de la médecine sociale; l'assurance-invalidité. 140p. 25cm. Bord., 1934.

THOMAZI, P. *Le médecin et l'assurance sociale dans nos départements alsaciens. 27p. 8°. Par., 1932.

Batier, G. L'assurance maladie et le corps médical. Vie méd., 1921, 2: 565-9.—**Besson, A.** Les assurances sociales. J. sc. méd. Lille, 1929, 47: pt 2, 5: 25.—**Bobrie, C.** Le sur-contrôle ministériel de l'article 64. Loire méd., 1931, 45: 417-30.—**Caisse d'assistance médicale de guerre de l'Association générale des médecins de France.** J. méd. Paris, 1940, 60: 234.—**Chappaz, G.** Brancle-bas de Combat. Union méd. nord est, 1936, 56: 140.—**Cibrie, P.** Assurances-maladie fonctionnement. Paris méd., 1930, 77: 430-3.—**Circulaire (2e)** du 26 septembre 1936 concernant la coordination des services et institutions d'hygiène et d'assistance sociales. Bull. Min. san. pub., Par., 1936, 22-8.—**Circulaire (3e)** du 26 novembre 1936 concernant la coordination des services et institutions d'hygiène et d'assistance sociales. Ibid., 28-30.—**Delassus.** Oeuvres médicales d'assistance et de prévoyance. J. sc. méd. Lille, 1921, 39: 94-6.—**Difficult (A)** social insurance problem; Paris. J. Am. M. Ass., 1937, 108: 1444.—**Drouet, G.** L'esquerie des assurances sociales. J. méd. Paris, 1938, 58: 758.—**Eschbach, H.** L'assurance-maladie et l'esprit de la loi sur les assurances sociales. Arch. méd. chir. province, 1929, 19: 335-46.—**Essai d'ontologie sur le contrôle médical des assurances sociales.** Lyon méd., 1936, 158: 594-601.—**Finkenrath, K.** Die französische Sozialversicherung. Arch. social. Hyg., 1930, 5: 12-25. Also Klin. Wschr., 1930, 9: 1226-8.—**France;** Ministère de la Santé; coordination des services et institutions d'hygiène et d'assistance sociales. Rev. philan-

throp., Par., 1937, 53: 140-6.—**Freudenberg, K.** Der Entwurf einer französischen Sozialversicherung. Klin. Wschr., 1927, 6: 29.—**Health insurance in France.** Brit. M. J., 1932, 2: Suppl., 1457.—**Herpin, A.** Les assurances sociales. Rev. gén. clin. théor., 1935, 49: Suppl., 1868-76. — La médecine, les assurés sociaux, les caisses. J. prat., Par., 1938, 52: Suppl., 1872-7.—**Joyeux, L.** La coordination des services et institutions d'hygiène et d'assistance sociales. Ann. hyg., Par., 1937, n. ser., 15: 299-308.—**Koch, F.** Französische Stimmen zur Sozialversicherung. Deut. med. Wschr., 1929, 55: 491.—**Leclercq, J.** Les commissions techniques dans l'application de la loi sur les assurances sociales. Paris méd., 1933, 89: 399-404.—**Ledoux, P.** La colonisation de la France par la fonctionnarisation des médecins. Rev. gén. clin. théor., 1935, 49: Suppl., 1454; 1551.—**Minister of public health** opposed to state medicine; Paris. J. Am. M. Ass., 1937, 108: 818.—**Mordagne, M.** Un épisode de la lutte contre la fonctionnarisation du médecin. Presse méd., 1934, 42: 509.—**Mosser.** Les assurances sociales et leur répercussion sur la santé publique. Rev. philanthrop., Par., 1932, 297-302.—**Nègre, L.** Sur l'organisation de l'hygiène et de l'assistance médicale au Maroc. Rev. hyg., Par., 1933, 55: 432-47.—**Physicians and sickness insurance in France.** J. Am. M. Ass., 1937, 108: Suppl., 64.—**Quand l'état fait son métier d'hygiéniste; le magnifique exemple des Marias Pontins.** Union méd. Canada, 1936, 65: 161-3.—**Sasportas, L.** L'application des assurances sociales. Presse méd., 1937, 45: 523.—**Sellier, H.** Coordination des services et institutions d'hygiène et d'assistance sociales. Prophyl. antivénér., Par., 1937, 9: 291-305.—**Simon, R.** Les leçons du fonctionnement de l'assurance-maladie en Alsace. Strasbourg méd., 1930, 90: 29-32.—**Social insurance during 1934 and 1935 (in France)** J. Am. M. Ass., 1937, 109: 516.—**Social insurance questions [Paris]** Ibid., 108: 56.—**Valentino, C.** L'activité médicale et médico-légale du Ministère des pensions. Rev. méd. fr., 1937, 18: 7-16.—**Vion.** Unions régionales des caisses. Arch. méd. chir. province, 1937, 27: 190-3.

— State medicine—by countries: Germany.

HERBERHOLD, T. *Die ärztliche Versorgung der Provinz Westfalen unter besonderer Berücksichtigung des öffentlichen Gesundheitswesens. 30p. 23cm. Münster (Westf.) 1937.

HEYN, W. Die gesetzliche Krankenversicherung; Versicherungspflicht und Versicherungsberechtigung; Beiträge und Leistungen. 128p. 8°. Berl. [1937]

HOFFMAN, F. L. Failure of German compulsory health insurance; a war revelation. 20p. 8°. N. Y., 1918.

Also Proc. Ass. Life Insur. Pres., 1918, 12: 121-42.

PETERS, H. [T. R.] *Aufbau und Aufgaben der Krankenkassen; Stand November 1934 [Königsberg] 52p. 21cm. Bochum-Langendreer, 1935.

VERTRAUENSARZT UND KRANKENKASSE; Monatsschrift für soziale Medizin. Berl., v.7, H. 1, 1939—

Alexander, J. Ersatzkassen, ihre Aufgaben und ihr gegenwärtiger Stand sowie ihre Bedeutung für Volksgesundheit und Aerzte. Klin. Wschr., 1923, 2: 1174-6.—**Alexander, S.** Krankenversicherung; Mittelstandskassen. Deut. med. Wschr., 1926, 52: 580-2.—**Annual report on sickness insurance [Austria]** J. Am. M. Ass., 1937, 109: 2080.—**Arbeitgeber (Die)** über die Krankenversicherung. Aerztl. Mitt., Lpz., 1927, 28: 803-9.—**Aron, O. R.** The German compulsory health insurance system. Dentoscope Bull., Wash., 1940, 20: No. 2, 23-8.—**Aufbau der Sozialversicherung (Ersatzkassen der Krankenversicherung)** Reichsgesundhbl., 1937, 12: 317.—**Augustin, G.** Österreichs Reformprogramm für die Sozialversicherung. Klin. Wschr., 1932, 11: 294-6.—**[Berlin]** Reorganization of the local Krankenkassen. J. Am. M. Ass., 1936, 106: 57.—**[Berlin]** The condition of the sick insurance societies. Ibid., 868.—**Berner, A.** Die Vereinheitlichung des deutschen Arbeiterversicherungswesens. Zschr. sozial. Med., 1906, 1: 39-54.—**Brechmann, H.** Neue Wege zur volkstümlicheren Gestaltung der Sozialversicherung und besonders des vertrauensärztlichen Dienstes. Vertrauensarzt, 1938, 6: 202-5.—**Buss.** Wie sieht es in der Sozialversicherung aus? Ibid., 1937, 5: 57-60.—**Changes in the German sickness insurance.** Week. Roster, Phila., 1937, 33: 515.—**Compulsory insurance against sickness in Germany; its bearing on the medical profession.** Lancet, Lond., 1910, 2: 1169.—**Davis, M. M., & Kroeger, G.** Recent changes in German health insurance under the Hitler government. N. England J. M., 1935, 212: 1037-42.—**Developments in the National health movement [Berlin letter]** J. Am. M. Ass., 1938, 110: 140.—**Developments in the sickness insurance [Germany]** Ibid., 1937, 109: 2001.—**Ebermayer.** Die Rechtsgültigkeit der Verordnungen des Rats der Volksbeauftragten. Deut. med. Wschr., 1919, 45: 246.—**Eisenstadt, L.** Zur Neugestaltung der Arbeiterversicherung. Aerztl. Sachverst. Ztg., 1905, 11: 337; 405.—**Ex-German Ambassador Gerard** raps health insurance in Germany. Illinois M. J., 1918, 33:

51.—**Fassbender**. Die soziale Krankenversicherung in Oesterreich. Vertrauensarzt, 1938, 6: 107-9.—**Finkenrath, K.** Die obligatorische Krankenversicherung. Deut. med. Wschr., 1928, 54: 1175.—**Fischer, V.** Was lehren uns die Schwierigkeiten bei der Krankenversicherungsanstalt der Bundesangelegenheiten? Wien. med. Wschr., 1926, 76: 386.—**Fränkel, E.** Vorschläge zu einer Reform des Krankenversicherungswesens. Klin. Wschr., 1924, 3: 1134.—**Frankenberg, H. von**. Praktische Reformaufgaben im Gebiet der deutschen Arbeiterversicherung. Sozial. Med. Hyg., 1906, 1: 606-16.—**Freund, R.** Die Vereinfachung der Arbeiterversicherung. Deut. med. Wschr., 1904, 30: 245-7.—**Frey, L.** Die Reform der Sozialversicherung und ihre Auswirkung auf den freien Stand der Aerzte. Wien. med. Wschr., 1935, 85: 1298.—**Gautier**. L'organisation de l'hygiène et de l'assistance en Allemagne. Bull. san. Algérie, 1933, 83: 1625-31.—**Gibson, G.** [German social insurance and its working] Sven. läk. tidn., 1929, 26: 833-47.—**Gmelin, W.** Die Verstaatlichung des Arztstandes, eine sittliche Forderung. Arch. Rassenb., 1927-28, 20: 28-51.—**Gottfredsen, E.** [German Insurance Institution] Ugeskr. laeger, 1937, 99: 924-6.—**Growth (The)** of the sick insurance societies; Berlin. J. Am. M. Ass., 1937, 108: 218; 1445.—**Hadrich, J.** Die Reform der Krankenversicherung. Aertzl. Mitt. Baden, 1928, 82: 185-97.—**Häberlin**. Die Aufgaben des Arztstandes bei der Ein- und Durchführung der Krankenversicherung. Korb. Schweiz. Aerzte, 1907, 37: 141-5.—**Haedenkamp, K.** Die Neuordnung der deutschen Sozialversicherung. Münch. med. Wschr., 1935, 82: 100-4.—**Die Neuordnung der deutschen Sozialversicherung; die Durchführung.** Ibid., 1924; 1936, 83: 1600; 1938, 85: 2028.—**Die Reform der deutschen Sozialversicherung (die Verordnung der Krankenversicherung)** Ibid., 1937, 84: 2016-20.—**Hanauer**. Licht- und Schattenseiten der Sozialversicherung. Aertzl. Sachverst. Ztg., 1928, 34: 29-33.—**Hankwitz, A. W.** Health insurance in Germany. Mil. Surgeon, 1935, 76: 33. Also repr.—**Hartz, G.** Will America copy Germany's mistakes? results of half a century's practice of social insurance in the land of its inception; German labor economist offers new plan to avoid pitfalls of old one. Pennsylvania M. J., 1934-35, 38: 411-8. Also N. York State J. M., 1935, 35: 195-209. Also J. Tennessee M. Ass., 1935, 28: 146-60. Also Maine M. J., 1935, 28: 51; 70; 95.—**Helbich, B.** [Misstand basis of German social insurance] Vest. česk. lékař., 1926, 38: 371; 394.—**Holtscher**. Die Stellung der Aerzte zur Arbeiterversicherungsreform. Prag. med. Wschr., 1905, 30: 450; 464.—**Holt, W. L.** The German government illness insurance or Krankenkassen. Med. Pharm. Critic, N. Y., 1911, 14: 97-101.—**Jaffé, K.** Die Vereinheitlichung der Arbeiterversicherung vom ärztlichen Standpunkte. Sozial. Med. Hyg., 1906, 1: 8-14.—**Kant, B.** Vorschläge zu einer Reform der Sozialversicherungen. Münch. med. Wschr., 1934, 81: 603.—**Kirchmann**. Aus der Entstehungsgeschichte der deutschen Krankenversicherung. Vertrauensarzt, 1933, 1: 82.—**Klüber**. Weitere Zweifelsfragen aus dem Recht der Kassenzulassung. Deut. med. Wschr., 1935, 61: 181; 1939, 65: 103.—**Die Rechtsprechung des Reichszulassungsausschusses zur Entziehung der Kassenzulassung.** Ibid., 729.—**Krankenversicherung**. Reichsgesundtbl., 1935, 10: 916-8.—**Krankenversicherungsrecht (Das)** im Kriege. Aertztbl. Hessen, 1940, 8: 18.—**Lass, L.** Die deutsche Arbeiterversicherung als soziale Einrichtung; Entstehung und soziale Bedeutung. Ber. Verh. internat. Kongr. Versich. Med., 1906, 4. Kongr., 475-7.—**Lechler, K. L.** Zur Anamnese und Aetiologie der Sozialversicherung. Med. Korb. Württemberg, 1933, 103: 193.—**Liek, E.** Umbau oder Neubau unserer sozialen Versicherung? Aertzl. Prakt., 1931-32, 2: 63-5.—**Liesegang, H.** Struktur und Leistungen der Krankenversicherung. Fortsch. Gesundheitsf., 1929, 2: 6-11.—**Magnus, G.** Wichtige Zeitabschnitte in der sozialen Versicherung. Zbl. Chir., 1934, 61: 1551-4.—**Mau, C.** Gedanken zur Neuordnung der Sozialversicherung. Chirurg, 1933, 5: 79-86.—**Miemietz, W.** Die Vereinheitlichung des ärztlichen Versorgungswesens. Münch. med. Wschr., 1938, 85: 673-5.—**Momburg, F.** Zum Thema Sozialversicherung. Zbl. Chir., 1935, 62: 1532-4.—**Mugdan**. Zur Reform der deutschen Arbeiterversicherung. Berl. klin. Wschr., 1905, 42: 1255-61.—& **Lennhoff, R.** Krankenversicherung, Unfallversicherung, Invalidenversicherung. Med. Reform, Berl., 1910, 18: 310; 324; 340.—**Pohlen, K.** Die Krankenversicherung im Saarland. Reichsgesundtbl., 1935, 10: 227.—**Reutti, K.** Neuorganisation der Allgemeinen Ortskrankenkassen in Berlin. Vertrauensarzt, 1933, 1: 13-9.—**Richter, L.** Consulenza ed assistenza sociale nel Terzo Reich. Assist. sociale, Roma, 1939, 13: 753-60.—**Sand, R.** Quelques précisions sur les assurances sociales. Bruxelles méd., 1929-30, 10: 1247-53.—**Sarrazin**. Krankenversicherung. In Soc. Kult. & Volkswohl. Kaiser Wilhelm II, Berl., 1913, 1: 183-92, pl.—**Sayfaerth**. Die deutsche Arbeiterversicherung der Zukunft. Med. Reform, Berl., 1906, 14: 89-99.—**Scholl**. Die Stellung der Aerzte zu der Reform und dem Ausbau der Arbeiterversicherung. Münch. med. Wschr., 1909, 56: 522; 569; 617.—**Sickness insurance in Austria.** J. Am. M. Ass., 1936, 106: 1933.—**Sick (The)** insurance societies during 1934, and 1935 (Germany) Ibid., 2250.—**Smyth, H. F.** Some notes on social insurance and health work in Germany and Austria. Tr. Coll. Physicians Philadelphia, 1932, 54: 41-3.—**Spielhagen, W.** Zur Reform der Krankenversicherung. Apoth. Ztg., 1927, 42: 348-52.—**Status (The)** of sickness insurance [Germany] J. Am. M. Ass., 1939, 112: 2448.—**Stauder, A.** Die

Bayerische Aerzteversorgung. Med. Korb. Württemberg, 1926, 96: 463-71.—**Sternberg, I.** Die Ausdehnung der Versicherungspflicht in der Krankenversicherung. Med. Klin., Berl., 1920, 16: 435.—**Ueber** jetzt schon von den Aerzten anlässlich der bevorstehenden Reform der Arbeiterversicherung einzuleitende vorbereitende Schritte. Prag. med. Wschr., 1906, 31: 104; 117; 131.—**Walter, O.** Vertrauensarzt, Krankenkasse, Volksgesundheit; zur Einführung in Ziel und Streben unserer Zeitschrift. Vertrauensarzt, 1933, 1: 1-7.—**Was** sollen die Aerzte bezüglich des Regierungsprogrammes über die Reform und den Ausbau der Arbeiterversicherung anstreben? Prag. med. Wschr., 1905, 30: 486-9.—**Weinländer, G.** Reform der Sozialversicherung. Wien. med. Wschr., 1934, 84: 1341.—**Wette, W.** Die Neuordnung der Beziehungen zwischen Krankenkassen und Berufsgenossenschaften. Mschr. Unfallh., 1936, 43: 497-503.—**Why should America pick up Germany's Old man of the sea?** Illinois M. J., 1935, 67: 197-201.—**Winslow, C. E. A.** Some reflections on sickness insurance in Germany and Austria. N. England J. M., 1929, 200: 1161-3.—**Zahn, F.** Workmen's insurance and poor relief in Germany. Tr. Internat. Congr. Hyg. Demogr. (1912) 1913, 6: 271-321.

State medicine—by countries: Italy.

All Rome needed was health insurance. Illinois M. J., 1935, 68: 99.—**Assistenza mutualistica** nei rapporti con l'assicurazione contro le malattie. Fol. med., Nap., 1935, 21: 1213-23.—**Badini, M.** Il convegno di Roma per le assicurazioni obbligatorie contro le malattie, 14-15 luglio, 1920. Boll. ord. med. Lombardia, 1920, 7: 247-50.—**Bellucci, O.** L'assicurazione contro le malattie. Arch. antrop. crim., Tor., 1935, 55: Suppl., 1-45.—**La soluzione delle controversie mediche nelle assicurazioni contro le malattie.** Ibid., 1930, 50: Suppl., 1341-6.—**Assicurazione contro le malattie e medicina sociale.** Assist. sociale, Roma, 1935, 9: 13-8.—**Betocchi, G.** Il movimento delle assicurazioni sociali nel campo internazionale, nelle legislazioni nazionali e nei trattati bilaterali, durante il 1929. Rass. previd. sociale, 1930, 17: 6-62.—**Bizzarri, G.** Assicurazione malattie e assicurazione infortuni. Assist. sociale, Roma, 1935, 9: 591-605.—**Calamanti, G.** Assicurazioni sociali e medicina. Zaccaria, 1939, 2. ser., 3: 212-34.—**Cazzaniga**. Regard d'ensemble sur l'assurance obligatoire contre les accidents du travail et les maladies professionnelles. Presse méd., 1938, 46: 1670.—**De Bernardis, C.** Sempre degli uffici legali dei sindacati e del patronato. Assist. sociale, Roma, 1938, 12: 425-35.—**Devoto, L.** Per l'assicurazione obbligatoria contro le malattie in Italia. Lavoro, Milano, 1913, 6: 353-9.—**Malusardi, E.** Caratteri ed evoluzione della Cassa Assegni Familiari. Assist. sociale, Roma, 1936, 10: 9.—**Mauro, G.** Le assicurazioni sociali quali fattori della salute della razza. Gior. Soc. ital. igiene, 1930, 52: 237-48.—**Numi (I)** cruciali. Italia san., 1908, 4: 173.—**Proserpi, G.** Il perfezionamento dell'assistenza sanitaria e le assicurazioni sociali. Arch. antrop. crim., Tor., 1935, 55: Suppl., 165-80.—**Pugliaro, L. S.** Problemi dell'assistenza: spedalità, e assicurazione malattie. Firenze (Rass.) 1936, 5: 1; 16; 68; 81; 144; 161; 180; 1937, 6: 6.—**Romanelli, I. L.** N. A. per la salute dei suoi assicurati. Assist. sociale, Roma, 1939, 13: No. 8, 130-8.—**Sulli, G.** Assicurazione infortuni e assicurazione malattie. Difesa med. leg. lavoro, 1922, 4: No. 2, 3-5.—**Villa, E.** L'Istituto della condotta e le assicurazioni contro le malattie. Gazz. osp., 1917, 38: 1351.—**Viola, D.** Sulla ristrettezza del rischio protetto dall'assicurazione generale malattie e sulla necessità di un'assicurazione integrale. Arch. antrop. crim., Tor., 1935, 55: 206-10, Suppl.—**Weill-Hallé, B.** L'Institut Benito Mussolini; fondation de l'Institut national fasciste de prévoyance sociale. Paris méd., 1935, 96: annexe, 1-6.

State medicine—by countries: Russia.

VIĞDORCHIK, R. A. [Insurance against disease in Russia; brief manual for physicians] 36p. 8°. S.-Peterburg, 1914.

Berman, N. Individual therapy and socialized living in the Soviet Union. Psychiatry, Balt., 1939, 2: 525-32.—**Brown, M. V.** [Decade of health service statistics] Sovet. vrach. J., 1939, 43: 475-80.—**Dworetzky, A.** Zur sozialen Fürsorge in Sowjetrussland. Münch. med. Wschr., 1926, 73: 1006-8.—**Entwicklung und gegenwärtiger Stand der russischen Sozialversicherung.** Ibid., 1927, 74: 1105; 1149.—**Gratsianov, P. A.** [The Government medical service] J. Obsh. russ. vrach. pam. Pirogova, 1908, 14: 176-88.—**Guthrie, D.** The surgical and medical situation in Russia under the new regimen. Tr. Ass. Physicians Mayo Clin. (1929) 1930, 10: 191-3.—**Hibben, P.** Medical relief work in Russia. N. York M. J., 1922, 116: 662.—**Lieberman, I.** [Medical aid in Don basin] Profil. med., Kharkov, 1927, 6: No. 10, 27-36.—**Lieberman, A. L.** Present status of the practice of medicine in the Union of Socialist Soviet Republics. J. Am. M. Ass., 1935, 105: 1989-91.—**Lifschitz, F.** Die Arbeiterversicherung in Russland. Arch. Sozialwiss., 1913, 36: 861-76.—**Odum, D. M.** Some impressions of medical and social services in Leningrad and Moscow. Lancet, Lond., 1934, 2: 1027-9.—**Oppenheim, D. G.** [Socialistic reconstruction of health protection] Mosk. med. J., 1930, 10: 25-32.—**Rochlin, L. L.** [Social insurance and medicine] Vrach. delo, 1926, 9: 1191; 1302.—**Socialized medicine in the U. S. S. R.** Health, Toronto, 1936, 4: No. 2, 42; 57.

— Untoward effects.

SONNENSCHN, H. *Die Simulation in der Sozialversicherung [Freiburg] 26p. 8°. Aachen, 1931.

Buss. Beitrag zu den unliebsamen Folgen der Sozialversicherung. Aertzl. Rdsch., 1930, 40: 123; 137.—**Erb.** Einfluss der Versicherung auf den Heilverlauf. Arch. orthop. Unfallchir., 1936-37, 37: 394-403.—**Feder, G.** Staatsmedizin und Bevölkerungspolitik. Off. Gesundheitsdienst, 1936-37, 2: B, 569-72.—**Gebhardt.** Einfluss der Versicherung auf den Heilverlauf. Arch. orthop. Unfallchir., 1936-37, 37: 404-7.—**Insurance** increases illness. Am. Med., 1934, 40: 42.—**Juillard, C.** Simulation et abus dans les assurances ouvrières au point de vue médical. J. méd. Paris, 1908, 2. ser., 20: 507-9.—**Kaufmann, C.** Das betrügerische Verhalten der Versicherten. In his Handb. Unfallmed., 5. Aufl., Stuttg, 1932, 1: 190-240.—**Kaye le Fleming, E.** The effect of unemployment on the health of the insured population. J. R. San. Inst., 1934, 55: 266-71.—**König, F. F.** Eine Anregung aus dem juristisch-medizinischen Grenzgebiet: Versicherung und verzögerte Heilung. Arch. orthop. Unfallchir., 1935-36, 36: 408.—**Laignel-Lavastine.** L'assurances. Bull. Soc. méd. Paris, 1938, 53-63. Also J. méd. Paris, 1938, 58: 279.—**Liek, E.** Die Schäden der sozialen Versicherungen. Aertzl. Mitt., Lpz., 1927, 28: 839-41.—**Maier, H. W.** Ueber Züchtung und Therapie psychischer Symptome bei Versicherten. Schweiz. med. Wschr., 1921, 51: 107-11.—**Milton, F.** Will sickness be increased under the insurance act? Lancet, Lond., 1912, 1: 247-9.—**Mons, H.** Des effets de la transaction en matière d'assurance en cas d'aggravation postérieure. Bruxelles méd., 1937-38, 18: 625-9.—**Niedermeyer.** Zwei Probleme der Bevölkerungspolitik und Sozialhygiene. Aertzl. Mitt., Lpz., 1927, 28: 13.—**Ochsner, E. H.** Social insurance, parasitism and dishonesty. Clin. M. & S., 1932, 39: 743.—**Social** service and the weaklings (England) J. Am. M. Ass., 1937, 108: 308.—**Startling** results revealed by recheck of patients in the German sickness insurance set-up. Maine M. J., 1935, 26: 166.—**Thompson, S. E.** The present-day drift toward over-protection and its harmful results. Texas J. M., 1934, 30: 75-8.—**Walbaum, J.** Öffentlicher Gesundheitsdienst und Asoziale. Off. Gesundheitsdienst, 1936-37, 2: A, 218-22.—**Welcker, K.** Ueber die Einwirkung des Arbeitsmarktes auf die Arbeitsunfähigkeitszahl der Ortskrankenkassen. Vertrauensarzt, 1937, 5: 169-71.

GROUP practice.

See also Physician, Practice.

KLOTZ, W. C. Group clinics; a study of organized medical practice. 32p. 8°. N. Y., 1927.

ROREM, C. R. Private group clinics; the administrative and economic aspects of group medical practice, as represented in the policies and procedures of 55 private associations of medical practitioners. 130p. 8°. Wash. [1931]

Associated Medical Services, incorporated, its aims, scope and operation. Bull. Acad. M. Toronto, 1937, 10: 214-7.—**Belvey, J., & Obiglio, J. R.** Agrupación y colaboración médica. Labor méd., Méx., 1939, 7: 99-107.—**Black, H. G., & Skaggs, A. E.** Assistants; associates; partners. J. Michigan M. Soc., 1940, 39: 508.—**Bloom, M. S.** Successful industrial group practice. J. Am. M. Ass., 1934, 103: 1155-7.—**Boyd, M. L.** Organized or group medicine; the proposal of a plan which obviates many of the objections often encountered in the formation of a group. Piedmont Hosp. Bull., 1931-32, 5: 35-47.—**Brown, R.** Twelve years' experience in organized group practice; a plan in action. West. J. Surg., 1933, 41: 695-700.—**—** The place of group practice in the development of medicine and hospitalization of the future. West. Hosp. Rev., 1934-35, 22: No. 4, 7: 13.—**Business** relations between doctors; partnerships. Brit. M. J., 1934, 1: 1145.—**Business** relations between doctors; dissolution of partnership. Ibid., 2: 571.—**Declaration** of agreement between the St. Louis Medical Society and the hospitals of St. Louis. Week. Bull. St. Louis M. Soc., 1934, 28: 427.—**Depage, P.** Une organisation de groupe médical. Nosokomeion, Stuttg., 1938, 9: 45-52.—**Dorland, W. A. N.** Institutional practice of medicine. Clin. M. & S., 1935, 42: 244.—**Finton, W. L.** The group practice of medicine. J. Michigan M. Soc., 1931, 30: 3-6.—**Foss, H. L.** Group medicine and the Lahey clinic. In Lahey Birthday Vol., 1940, 175-84.—**Fussell, M. H.** Preparation for the group system of medicine. Pennsylvania M. J., 1920-21, 24: 47-9.—**Group** practice in America. Lancet, Lond., 1935, 2: 1086.—**Grupos** (Los) médicos organizados y los nuevos sistemas de trabajo profesional. Labor méd., Méx., 1937, 5: 27.—**Hempson, O. A.** The legal aspect of partnership and assistantship. Practitioner, Lond., 1936, 137: 369-78.—**Koefod, H. O.** Group practice. In Med. Papers (H. A. Christian Aniv. Vol.) Bost., 1936, 957-60.—**Kulenkampff, D.** Ueber Zusammenarbeit. Deut. med. Wschr., 1934, 60: 1210; 1245.—**McGuire, S.** The modern medical clinic. Virginia M. Month., 1926-27, 53: 465-70.—**Mitchell, J. H.** Institutionalization of the practice of medicine. Illinois M. J., 1925, 48: 224-9.—**Morsman, L. W.** Essential factors for group success. J. Am. M. Ass., 1921, 76: 1123.—**Munshaw, E. W.** Are professions being commercialized and mechanized? J. Michigan M. Soc.,

1937, 36: 749-53.—**Myers, E. L., Whitehill, N. M., & Whitaker, B. T.** A clinic building for the practice of group medicine. J. Am. M. Ass., 1920, 74: 1185.—**Narat, J. K.** Pulling together; a plea for the organization of medical groups. Med. J. & Rec., 1930, 132: 573-8.—**Nye, L. J. J.** Group practice. Med. J. Australia, 1939, 1: 107-12.—**Pierrot.** Reflexions sur l'évolution de la pratique médicale et sur la possibilité de l'exercice médicale en équipe. J. méd. Paris, 1936, 56: 707-13.—**Pino, R. H.** Group practice and the role of the family doctor. Mod. Hosp., 1933, 41: 79.—**Porter, W. B.** Group practice; as discussed in American medicine. Virginia M. Month., 1937-38, 64: 280-4.—**Real** and ideal medical groups. J. Am. M. Ass., 1938, 110: 1051.—**Reik, H. O.** Increasing efficiency, reducing cost and improving our professional status. J. M. Soc. N. Jersey, 1930, 27: 845-52.—**Riddle, P.** Group practice of medicine. Dallas M. J., 1926, 12: 95.—**Roem, C. R.** Providing annual medical service in private group clinics. Mod. Hosp., 1932, 38: 75-8.—**Saltzstein, H. C.** The case for group practice. N. England J. M., 1934, 211: 405-12.—**Selby, C. D.** Group medical service for small industries. Surg. Gyn. Obst., 1930, 50: 324-6.—**Sexton, W. G.** Group practice of medicine succeeds in rural community. Mod. Hosp., 1935, 44: 41-4.—**Spencer, E. B. T.** A year's treatment in the new clinic. Clin. M. & S., 1934, 41: 278-81.—**Truesdale, P. E.** Group practice. Boston M. & S. J., 1927, 196: 973-83.—**Warbasse, J. P.** Group cooperation. In his Doctor and the public, N. Y., 1935, 523-39.

GROUP therapy.

See under Group medicine.

GROUT, Ruth Ellen. Handbook of health education; a guide for teachers in rural schools. xxii, 298p. illust. tab. 8°. Garden City, N. Y., Doubleday, Doran & Co. [1936]

GROUVEN, Carl, 1872-1936.

Grüneberg, T. Nekrolog. Derm. Wschr., 1936, 103: 1163.

GROVE, Jessica.

See Raster, Olga, & Grove, Jessica. Dr James Barry; her secret story. 283p. 8°. Lond. [1932]

GROVE, Wilhelm [Georg Eduard Oskar] 1897-— *Hypophen Gehe als Wehenmittel bei Haustieren [Leipzig] 62p. 7 l. 8°. Lucka, R. Berger, 1925.

GROVER, Burton Baker, 1858-— High frequency practice for practitioners and students. 5. ed. xxv, 632p. 4 portr. 8°. Kansas City, Elektron Press, 1928. Also 6. ed. xix, 625p. 3 pl. 1931.

GROVER, Morris Lee, 1904-— Health survey of Washington County, Rhode Island, 1931. 48p. 8°. [Providence, R. I.] Pub. Health Com. [1931]

GROVES, Ernest Rutherford, 1878-— Rural problems of today. viii, 2 l. 181p. 16°. N. Y., Ass. Press, 1918.

— Social problems of the family. ix, 314p. 20cm. Phila., J. B. Lippincott Co. [1927]

— Understanding yourself; the mental hygiene of personality. 278p. 8°. N. Y., Greenberg [1935]

— Preparation for marriage. 124p. 8°. N. Y., Greenberg [1936]

— The family and its social functions. xvi, 631p. 22½cm. Chic., J. B. Lippincott Co. [1940]

— & **BLANCHARD, Phyllis Mary.** Introduction to mental hygiene. vi, 2 l. 467p. 8°. N. Y., H. Holt & Co. [1930]

— Readings in mental hygiene. xii, 596p. 8°. N. Y., H. Holt & Co. [1936]

GROVES, Ernest Rutherford, & GROVES, Gladys Hoagland. Sex in childhood. xi, 274p. illust. 8°. N. Y., Macaulay Co. [1933]

GROVES, Ernest William Hey, 1872-— Surgical operations; a textbook for students and nurses. 3. ed. viii, 263p. illust. 8°. Lond., H. Milford [1933]

— A synopsis of surgery. 7. ed. viii 671p. 8°. Brist., J. Wright & Sons, 1925. Also 8. ed. viii, 674p. 1927. Also 10. ed. viii, 693p. illust. 1933. Also 11. ed. viii, 714p.

incl. illust. diagr. 19cm. Brist., J. Wright & Sons, 1940

— Operations on bones. p.185-266. 8° Lond., 1934.

In Mod. oper. surg. (Turner, G. G.) Lond., 1934, 1:

— & **FORTESCUE-BRICKDALE, John Matthew.** Text-book for nurses; anatomy, physiology, surgery and medicine. 3. ed. xxx, 645p. 8° Lond., Oxford Univ. Press [1925] Also 4. ed. xxx, 641p. 1930.

— & **NIXON, John Alexander.** The same. 5. ed. xxx, 671p. illust. pl. diagrs. 136. Also 6. ed. xxx, 682p. illust. diagr. 22½cm. Lond., Oxf. Univ. Press, 1940.

GROVES, Gladys Hoagland.

See **Groves, Ernest R.**, & **Groves, Gladys H.** Sex in childhood. 247p. 8° N. Y. [1933]

— & **ROSS, Robert Alexander.** The married woman; a practical guide to happy marriage. ix, 278p. 8° N. Y., Greenberg [1936]

GROVES, Mrs. Hey. A year-book of hospital schools and other institutions for the care of cripple children. p.59-88. 21½cm. Brist., J. Wright & Sons, 1924.

In *Care and cure of cripple children.* Brist., 1924.

GROWTH; a journal for studies of development and increase. Ithaca, N. Y., v.4, No. 1, 1940-

GROWTH [and development]

See also **Age**; **Embryo**; **Embryogeny**; **Fetus**; **Growth [human]**; **Growth hormone**; **Ontogenesis**, etc.; also names of animals, microorganisms, and plants.

BÜNNING, E. Die Physiologie des Wachstums und der Bewegungen. 267p. 25cm. Berl., 1939.

GROWTH; a journal for studies of development and increase. Ithaca, N. Y., v.4, No. 1, 1940-

SMITH, J. L. Growth. 135p. 8° Edinb., 1932.

UNIVERSITY OF MISSOURI. COLLEGE OF AGRICULTURE. GROWTH COMMITTEE. Growth and development with special reference to domestic animals. Pts 1-12, 13, 15. [v. p.] 8° Columbia, Mo., 1922-30.

WADDINGTON, C. H. How animals develop. 127p. 8° Lond. [1935]

WASSERMANN, F. Die lebendige Masse. Bd 1, Teil 2: Wachstum und Vermehrung der lebendigen Masse. 807p. 8° Berl., 1929.

Boyd, W. Growth, normal and abnormal (clinical lecture at Atlantic City session) J. Am. M. Ass., 1935, 105: 1520-2.—**Coupin, F.** La croissance chez les anthropoïdes et chez l'homme. Rev. sc., Par., 1928, 66: 726-32.—**Davenport, C. B., Rahn, O.** [et al.] Growth. Annual Rev. Physiol., 1939, 1: 81-108.—**Eckhardt, H.** Ueber das Wachstum. Zschr. orthop. Chir., 1931, 55: 481-509.—**Filatov, D.** [Certain questions in the physiology of development] Arch. russ. anat., 1939, 21: ser. B, 3-18.—**Fischer, C. C.** Growth and development. Hahneman. Month., 1936, 71: 597-606.—**Howard, C. C.** Growth. Internat. J. Orthodont., 1936, 22: 888-94.—**Koch, E. W.** Zum Wachstumsphänomen. Beitr. Klin. Tuberk., 1936, 88: 408-11.—**Mühlmann, M.** Neueste Forschungsergebnisse über Wachstum, Altern und Tod. Zschr. ges. Anat., 3. Abt., 1929, 28: 594-693.—**Needham, J.** Developmental physiology. Annual Rev. Physiol., 1939, 1: 63-80.—**Symposium on development and growth**; 1st, North Truro, Massachusetts, August 7-11, 1939. Growth, Ithaca, 1939, 3: Suppl., 1-111.—**Woodger, J. H.** Notes on the first symposium on development and growth. Ibid., 101-11.

— abnormal, and retarded.

DIETRICH, A. Die Entwicklungsstörungen des postfötalen Lebens. 50p. 8° Jena, 1911-13. In Morph. Missbild. Mensch. & Tiere (Schwalbe) Jena, 1911-13, 3: Anh.

Abeloos. Sur la dysharmonie de croissance chez Planaria gonoccephala Dugès et sa réversibilité au cours du jeûne. C. rend. Soc. biol., 1928, 98: 917-9.—**Boyd, W.** Growth, normal and abnormal. In his Lect. Path., Lawrence, 1939, 11-24.—**Funk, C., Caspe, S., & Caspe, H.** A new pathological condition

of probable dietetic origin in rats. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 816-8.—**Half-cells** without nuclei develop to many-celled stage. Science News Lett., 1935, 28: 227.—**Jones, D. F.** Somatic segregation in relation to atypical growth. Proc. Am. Philos. Soc., 1937, 77: 411-6.—**Luria, S.** La grandezza delle cellule nervose in animali ad accrescimento artificialmente arrestato. Zschr. Zellforsch., 1934-35, 22: 724-34.—**McCay, C. M., Crowell, M., & Maynard, L. A.** The effect of retarded growth upon the length of life span and upon the ultimate body size. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 79. Also J. Nutrit., 1935, 10: 63-79.—**Panisset, L.** Les maladies des jeunes et de la croissance. Rec. méd. vét., 1927, 103: 658-71.—**Snow, R.** Experiments on growth and inhibition; the increase of inhibition with distance. Proc. R. Soc., Lond., 1931, ser. B, 108: 209-23.—**Teissier, G.** Sur les dysharmonies de croissance chez les insectes. C. rend. Soc. biol., 1928, 99: 297-9.—**Wright, S.** Genetics of abnormal growth in the guinea pig. In Sympos. Quant. Biol., 1934, 2: 137-47.

— Analysis.

GREIL, A. Naturwissenschaftliche Methodik der Gewächsforschung; entwicklungsphysiologische Betrachtungen und Ausblicke. 98p. 8° Jena, 1924.

Agduhr, E. Gravidität und Wachstum bei der Maus. Verh. Anat. Ges., 1931, 40: 63-89.—**Anderson, B. G.** Growth and sexual maturity in *Daphnia magna*. Proc. Soc. Exp. Biol., N. Y., 1930-31, 25: 334.—**Angulo y González, A. W.** The prenatal growth of the albino rat. Anat. Rec., 1932, 52: 117-38.—**Bottermann, E.** Wachstumsstudien mit Hilfe der Hepatolienographie bei jungen Tieren. Mschr. Kinderh., 1933-34, 59: 161-9.—**D'Ancona, U.** Accrescimento e sviluppo in rapporto alla maturità e al differenziamento dei sessi nei vertebrati inferiori. Boll. Soc. ital. biol. sper., 1934, 9: 1073-121.—**Ernst, M.** Ueber Untergang von Zellen während der normalen Entwicklung bei Wirbeltieren. Zschr. ges. Anat., 1. Abt., 1926, 79: 228-62.—**Hammerling, J.** Vergleichende Untersuchungen über Regeneration, Wachstum und Embryonalentwicklung bei Tubifex. Zool. Jahrb., Abt. allg. Zool., 1930, 48: 349-84, 2 pl.—**Hain, A. M.** Some facts regarding growth of the Wistar rat under standard conditions in Britain (derivative Edinburgh stock) Anat. Rec., 1934, 59: 383-91.—**Hiraiwa, Y. K.** A record of the growth of the Albino rat reared in Japan. Fol. anat. jap., 1929, 7: 219-22.—**Hoesslin, H. von.** Wachstumsversuche an Katzen. Zschr. Biol., 1926, 85: 248-64.—**Kaufman, L.** La croissance du corps et des organes du pigeon. C. rend. Acad. sc., 1926, 182: 280-2. Also Biol. gen., Wien, 1927, 3: 105-28, ch.—**Lafon, M.** Recherches sur les types de croissance chez le souris. Ann. physiol., Par., 1934, 10: 1177-94.—**Latimer, H. B.** Empirical formulae for the measurements of the central nervous system and of the digestive system in the adult cat. Growth, Ithaca, 1940, 4: 267-76.—**Ludwig, W.** Ueber vergleichende Wachstumsuntersuchungen. Biol. Zbl., 1931, 51: 116-9.—**Meunier, P.** Nouvelles applications de la formule d'allométrie à l'étude chimique de la croissance des animaux. Bull. Soc. chim. biol., Par., 1937, 19: 244-58.—**Morphological studies**; growth and development of the chimpanzee. Yearb. Carnegie Inst. Washington (1939-40) 1940, 39: 191.—**Prenant, M.** Structure fine et croissance normale des lépidotriches articulés chez les téleostéens. C. rend. Soc. biol., 1936, 123: 474.—**Rammer, W.** Ueber die postembryonale Entwicklung der Cladocera scapholeberis mucronata O. F. Müller (Ergebnisse aus Einzelzuchten) Arch. Entwmech., 1928, 113: 287-311.—**Robertson, T. B.** The analysis of the growth of the normal white mouse into its constituent processes. J. Gen. Physiol. (J. Loeb Mem. Vol.) 1925-26, 8: 463-507. Also repr.—**Saller, K.** Untersuchungen über das Wachstum bei Säugetieren (Nagern) Allgemeines; äusserer Wachstumsverlauf. Arch. Entwmech., 1927, 111: 453-592.—**Schlutz, A. H.** Fetal growth and development of the Rhesus monkey. Contr. Embryol. Carnegie Inst., 1937, 23: 73-97, 2 pl.—**Schmalhausen, I.** Das Wachstumsgesetz und die Methode der Bestimmung der Wachstumskonstante. Arch. Entwmech., 1928, 113: 462-519. — Die Bestimmung des spezifischen Wachstumsstrittes als vergleichende Untersuchungsmethode. Ibid., 1929, 115: 678-92. — Zur Methodik der Bestimmung der Wachstumskonstante. Ibid., 1931, 124: 82-92. — Ueber vergleichende Wachstumsuntersuchungen. Biol. Zbl., 1931, 51: 379-81.—**Sherman, H. C., & Campbell, H. L.** Observations upon growth from the viewpoint of statistical interpretation. Proc. Nat. Acad. Sc. U. S., 1934, 20: 413-6.—**Teissier, G.** Description quantitative de quelques croissances complexes. Ann. physiol., Par., 1934, 10: 359-76.—**Torelli, B.** Ricerche sull'accrescimento del Cerianthus membranaceus Spall. Boll. Soc. ital. biol. sper., 1931, 6: 1013-5.—**Ubisch, G. von, & Zachmann, E.** Nachprüfung von Boses Wachstumsmessungen mit einem neuen hochempfindlichen Auxanometer (Torsionsauxanometer) Biol. Zbl., 1931, 51: 447-58.—**Warwick, B. L.** Prenatal growth of swine. J. Morph., 1928, 46: 59-84.—**Watson, E. H., & Moehtlig, R. C.** Suggestions for conducting growth studies. Endocrinology, 1940, 27: 411-24.—**Wetzel, N. C.** On the motion of growth; a scheme for analysis of experiments on growth, nutrition and metabolism. Proc. Soc. Exp. Biol., N. Y., 1934, 32: 127-31.—**Wintrebert, P.** Analyse du développement de *Discoglossus pictus* Otth. par le procédé des marques colorées; la destinée de bandes colorées placées sur le méridien frontal. C. rend. Soc. biol., 1931, 107: 1443-6.

— Chemistry.

See also subheading Metabolism.

HAX, D. *Die chemischen Veränderungen des Gesamtorganismus und der Organe im Verlauf der postuterinen Entwicklung [Bonn] p.627-39. 8° Berl., 1927.

Also Arch. ges. Physiol., Berl., 1927, 216:

Akao, A. Etudes sur le phénomène de croissance au point de vue des individus chimiques. Keijo J. M., 1932, 3: 360-74.

— Beiträge zum Wachstumsphänomen des Seidenspinners; die verschiedenen aufbauenden und katalytischen Elemente und deren biologische Bedeutung während des Wachstums. J. Biochem., Tokyo, 1939, 30: 303-49.—Aron, H., & Klinke, K. Biochemie des Wachstums. In Handb. Biochem. (Oppenheimer, C.) 2. Aufl., Jena, 1936, Ergänztbd 3: 75-100.—Artundo, A., & Aubel, E. Oxydabilité et vitesse de croissance. C. rend. Soc. biol., 1931, 108: 1111.—Bierich, R., & Rosenbohm, A. Ueber den Gehalt raschwachsender jugendlicher Gewebe an Ascorbinsäure und Glutathion. Zschr. physiol. Chem., 1935, 231: 47-50.—Chanutin, A. The influence of growth on a number of constituents of the white rat. J. Biol. Chem., 1931, 93: 31-7.—Copeman, P. R. v. d. R. Autocatalysis and growth. Ann. Appl. Biol., Lond., 1928, 15: 613-22.—Fischer, A., & Demuth, F. Eiweißabbauprodukte als wachstumsfördernde Substanzen. Arch. exp. Zellforsch., 1927, 5: 131-42.—Gregory, P. W., Asmundson, V. S., & Goss, H. Glutathione concentration and hereditary size; comparative studies with barred Plymouth Rock and White Leghorn embryos. J. Exp. Zool., 1936, 73: 263-84.—Hammett, F. S. Chemical structure and its relation to growth and development. Am. J. Roentgen., 1940, 43: 266-70.—& Reimann, S. P. Chemical specificity in growth and development. Ann. Int. M., 1939-40, 13: 1483-8.—Kaufman, L., & Laskowski, M. Wachstumsgeschwindigkeit und K/Ca-Quotient. Biochem. Zschr., 1931, 242: 424-35.—Meyer, H. Ueber Salzsäurekonzentration bei wachsenden Tieren. Münch. med. Wschr., 1927, 74: 521.—Needham, J. Chemical heterogeneity and the ground-plan of animal growth. Biol. Rev. Cambridge Philos. Soc., 1934, 9: 79-109.—New advances in the chemistry and biology of organized growth. Proc. R. Soc. M., Lond., 1935-36, 29: 1577-626.—Rahn, O. Problems in growth chemistry. Q. Rev. Biol., 1933, 8: 77-91.—Reimann, S. P. Chemical aspects of growth. Tr. Kansas City Acad. M. (1935-37) 1937, 41-8.—Roth, P. Influence de la teneur de l'eau en calcium dans la croissance et dans la métamorphose expérimentale des têtards de Rana temporaria. C. rend. Soc. biol., 1927, 97: 1284.—Shumenko, I. D. [Sur les changements quantitatifs d'éléments de cendre dans le sang de lapins au cours de la croissance] Méd. exp., Kharkov, 1937, No. 3, 45-54.—Smith, A. H. Some biochemical aspects of growth. Yale J. Biol., 1932, 4: 551-62.—Svetozarov, F., & Streich, H. [Modification of the chemical composition of the body in the process of growth in birds] J. Physiol. USSR, 1939, 27: 610-5.—Teissier, G. Discontinuités et indéterminations dans la croissance biochimique de *Galleria mellonella* L. C. rend. Soc. biol., 1930, 104: 859.—Zawadzki, E. S., & Smith, A. H. The pattern of serum proteins during accelerated growth. Am. J. Physiol., 1941, 132: 362-7.

— colonial.

See also Population; Selection.

Crew, F. A. E., & Mirskaia, L. The effect of density on an adult mouse population. Biol. gen., Wien, 1931, 7: 239-50.—Hammond, E. C. Biological effects of population density in lower organisms. Q. Rev. Biol., 1933, 13: 421-38.—Holmes, S. J. The control of population growth. Science, 1937, 86: 181-7.—Kostitzin, V. A. Sur une généralisation des équations biologiques dans le cas d'une population intoxiquée par les produits de son activité chimique. C. rend. Acad. sc., 1937, 204: 1683-5.—Kugelmass, I. N., & Samuel, E. L. Animal growth and space restriction. J. Lab. Clin. M., 1935-36, 21: 655-8.—MacLagan, D. S., & Dunn, E. The experimental analysis of the growth of an insect population. Proc. R. Soc. Edinburgh, 1934-35, 55: 2, 126-39.—Monod, J., & Teissier, G. La concentration de l'aliment, facteur quantitatif de l'accroissement des populations d'infusoires. C. rend. Acad. sc., 1936, 202: 162-4.—Park, T. A note on the size and composition of old *Tribolium confusum* populations. Collect. Papers Dep. Biol. Johns Hopkins, 1938, 15: No. 5, 24-33.—Studies in population physiology; the effect of larval population density on the postembryonic development of the flour beetle, *Tribolium confusum* Duval. J. Exp. Zool., 1938, 79: 51-70.—Pearl, R. The growth of populations. Q. Rev. Biol., 1927, 2: 532-48.—Petersen, W. A. The relation of density of population to rate of reproduction in *Paramecium caudatum*. Physiol. Zool., 1929, 2: 221-54.—Schmalhausen, I., & Bordzilowskaja, N. Ueber Analogie zwischen dem Wachstum der Organismen und Populationen. Arch. Entwmech., 1929, 115: 693-706.—Teissier, G. Croissance des populations et croissance des organismes; examen historique et critique de quelques théories. Ann. physiol., Par., 1928, 4: 342-85.—Vetulani, T. Untersuchungen über das Wachstum der Säugetiere in Abhängigkeit von der Anzahl zusammen gehaltener Tiere; Beobachtungen an Mäusen. Biol. gen., Wien, 1931, 7: 71-98.—Zarapkin, S. R. Analyse der genotypisch und durch Aussenfaktoren

bedingten Grössenunterschiede bei *Drosophila funebris*; genetische Analyse der Körpergrösse in einer wilden Population von *Drosophila funebris*. Zschr. indukt. Abstamm., 1934, 67: 374-88.

— dimensional, linear, and ponderal.

ESPINASSE, G. *Contribution à l'étude de la croissance pondérale chez les gallinacés et les colombins. 70p. 8° Lyon, 1936.

GLASEWALD, H. W. *Die Zeiten der Verdoppelung des Körpergewichts neugeborener Tiere. 34p. 8° Berl., 1909.

HEUSER, F. F., & ANDREWS, F. E. Weight changes in chickens. 20p. 8° Ithaca, 1932.

Aron, M. Observation sur l'harmonie de croissance: relation entre la croissance globale et la longueur du segment axial caudal chez les larves d'anoues. C. rend. Soc. biol., 1927, 97: 301; 304.—Bodenheimer, F. S. Ueber Regelmässigkeiten im Wachstum der Insekten; das Gewichtswachstum. Arch. Entwmech., 1932, 126: 554.—Cameron, A. T. Normal variations of percentage weights of body organs of the albino rat with changing body weight. Am. J. Physiol., 1925, 74: 151-7.—Enzmann, E. V., & Crozier, W. J. Relation between birth weight and litter size in multiparous mammals. J. Gen. Physiol., 1934-35, 18: 791-9. Also repr.—Friedenthal, H. Die Zeiten der Verdoppelung des Körpergewichts neugeborener Tiere. Verh. Physiol. Ges. Berlin (1910) 1911, 35: 56-62.—Godin, P. Remarque à propos de la mesure de la taille assis au cours de la croissance. Rev. anthrop., Par., 1926, 36: 68.—Goetsch, W. Die Körpergrösse der Tiere und die sie bestimmenden Faktoren. Naturwissenschaften, 1927, 15: 793-9.—Gottschalk, N. Tierexperimentelle Wachstumsstudien; die Gewichtsveränderungen des Gesamtorganismus und der Organe im Verlauf der postuterinen Entwicklung. Arch. ges. Physiol., 1926, 212: 441-64.—Jackson, C. M. The nature of the abnormally rapid increase in weight upon refeeding after a period of growth suppression. Am. J. Anat., 1939, 64: 41-58.—Keys, A. B. The weight-length relation in fishes. Proc. Nat. Acad. Sc. U. S., 1928, 14: 922-5.—Kopéc, S. The morphogenetical value of the weight of rabbits at birth. J. Genet., Lond., 1926-27, 17: 187-98.—Ueber die Geschlechtsunterschiede im Körpergewicht wachsender Mäuse, nebst einigen Bemerkungen über die Methodik der Wachstumsuntersuchungen bei Säugetieren. Arch. Entwmech., 1932, 126: 769-98.—& Latyszewski, M. Ueber den morphogenetischen Zusammenhang zwischen dem Körpergewicht der Neugeborenen und dem Organen- und Knochengewicht der reifen Mäuse. Zschr. indukt. Abstamm., 1932-33, 63: 185-94.—Latimer, H. B., & Ipsen, H. L. The postnatal growth in body weight of the cat. Anat. Rec., 1932, 52: 1-5.—Le Dantec, F. L'augmentation de poids des êtres vivants. C. rend. Soc. biol., 1928, 10. ser., 5: 952-4.—Levi, G. Wachstum und Körpergrösse; die strukturelle Grundlage der Körpergrösse bei vollausgebildeten und im Wachstum begriffenen Tieren. Zschr. ges. Anat., 3. Abt., 1925, 26: 87-342.—Painter, T. Cell size and body size in rabbits. J. Exp. Zool., 1928, 50: 441-50, 2 pl.—Pease, M. S. Experiments on the inheritance of weight in rabbits. J. Genet., Lond., 1928-29, 29: 261-309.—Ramalho, A. Fluctuation saisonnière du poids moyen de la sardine (*Sardina pilchardus*) C. rend. Soc. biol., 1933, 113: 754-6.—Rautmann, H. Weitere Untersuchungen über die korrelative Variabilität des Körpergewichtes. Zschr. ges. Anat., 2. Abt., 1927-28, 13: 519-26.—Saller, K. Untersuchungen über das Wachstum bei Säugetieren (Nagern) das Gewichtswachstum der weissen Hausmaus während der ersten 49 Lebenstage. Arch. Entwmech., 1932, 126: 613.—Teissier, G. Croissance pondérale et croissance linéaire chez les insectes. C. rend. Soc. biol., 1928, 98: 842-4.—Sur la croissance pondérale du squelette chitineux chez les insectes. Ibid., 99: 299.—Weil, I. Die zeitliche Aenderung der Häufigkeitskurven von Entwicklungsgrössen. Arch. Entwmech., 1926, 108: 490-524.

— Endocrine aspect.

See also Growth hormone; also names of endocrine glands.

GUDERNATSCH, F. Endocrine and amino acid studies in the physiology of development. p.453-519. 8° Basel, 1936.

SEITZ, L. Wachstum, Geschlecht und Fortpflanzung als ganzheitliches erbmassig-hormonales Problem. 410p. 25½cm. Berl., 1939.

STOCKARD, C. R. Hormones and structural development. 74p. 8° [Balt.] 1927.

Adams, A. E., Kuder, A., & Richards, L. The endocrine glands and molting in *Triturus viridescens*. J. Exp. Zool., 1932, 63: 1-55.—Adamska, H. Der Einfluss der Keimdrüsen auf den dimorphen Verlauf der von Tag zu Tag im Körpergewicht von Mäusen auftretenden Schwankungen. Arch. Entwmech., 1928, 139: 271-80.—Allen, B. M. The influence of the thyroid gland and hypophysis upon growth and development of amphibian

- larvae. *Q. Rev. Biol.*, 1929, 4: 325-52.—**Assanelli, C.** Nuovo contributo alla fisiologia dello sviluppo: il processo di crescita nei giovani conigli operati di castrazione e di tiroidectomia unilaterale. *Clin. vet.*, Milano, 1927, 50: 727-40.—**Babák, E.** Einige Gedanken über die Beziehung der Metamorphose bei dem Amphibien zur inneren Sekretion. *Zbl. Physiol.*, 1913, 27: 536-41.—**Belehradek, J., & Stoklasa, J.** Nouvelles recherches sur la stimulation de la croissance des tétards, par l'administration de muscles fatigués. *C. rend. Soc. biol.*, 1930, 103: 642-4.—**Benazzi, M.** Ghiandola tiroide ed accrescimento postnatale di mammiferi. *Riv. biol.*, 1927, 9: 554-71, pl.—**Borger, G., & Peters, T.** Chemisch-biologische Untersuchungen über wachstumsfördernde Stoffe; die Enzyme des Extraktes aus Hühnerembryonen. *Zschr. physiol. Chem.*, 1933, 214: 91-103.—**Borger, G., & Zenker, R.** Wachstumsversuche in vitro mit verschieden vorbehandeltem Embryonalextrakt. *Verh. Deut. path. Ges.*, 1931, 26: 124-8 [Discussion] 135-45.—**Chatzillo, B.** Contribution à l'étude de la régulation humorale de l'organisme; influence hormonale des optones de la thyroïde, des surrénales et du thymus sur la croissance du mollusque *Limnaea stagnalis*. *Arch. internat. physiol.*, Liège, 1936, 43: 510-22.—**Crecimiento (El) en relación con las vitaminas, hormonas y trephonas.** *Crón. méd. mex.*, 1930, 29: 507-9.—**Ferreira de Mira, M.** Sur l'influence exercée par les capsules surrénales sur la croissance. *Arch. internat. physiol.*, Liège, 1913-14, 14: 108-25.—**Fox, H. M.** Glands and growth. *Forum, N. Y.*, 1928, 79: 854-62.—**Giacomini, G.** Ricerche sperimentali intorno all'influenza di alcune ghiandole a secrezione interna sull'accrescimento somatico. *Boll. Soc. ital. biol. sper.*, 1927, 2: 135-40.—**Goldsmith, E. D.** The relation of endocrine feeding to regeneration, growth and egg capsule production in *Planaria maculata*. *Biol. Bull.*, 1937, 73: 227-36.—**Hoffman, O.** Factors antagonizing the thyroxin influence on differentiation. *Sympos. Quant. Biol.*, 1934, 2: 106-9.—**Hogben, L. T.** The relation of internal secretion to reproduction and growth in the domestic fowl. *Vet. J., Lond.*, 1924, 30: 184.—**Kaufmann, L.** Expériences sur l'effet des injections d'extraits et de sérum d'animaux âgés et d'extraits d'embryons sur la croissance des souris. *C. rend. Soc. biol.*, 1932, 110: 1094.—**Klein, W.** Lassen sich die Beziehungen des endokrinen Systems, besonders der Schilddrüse, Thymus und Keimdrüse zu Wachstum und Anwuchs für die Tierhaltung praktisch verwerten? *Berl. tierärztl. Wschr.*, 1923, 39: 159-62.—**Kobayashi, S.** Studies on the influence of various endocrine organ cell constituents on the development of the chick embryo and chick. *Jap. J. Exp. M.*, 1937, 15: 83-120.—**Kříženecký, J.** Ueber den Einfluss der Schilddrüse und der Thymus auf die Entwicklung des Gefieders bei den Hühnerküken. *Arch. Entwemch.*, 1926, 107: 583-604.—**Laszt, L., & Verzár, F.** Hemmung des Wachstums durch Jodessigsäure und antagonistische Beeinflussung durch Vitamin B₂ sowie Nebennierenrinden-Hormon. *Arch. ges. Physiol.*, 1935, 236: 693-704.—**Lillie, F. R.** Growth rate and hormone threshold with reference to physiology of development. *Am. Natur.*, 1932, 66: 171-9.—**Lustig, B., & Wachtel, H.** Action des extraits d'organes, surtout de l'hypophyse, sur la croissance. *C. rend. Soc. biol.*, 1939, 132: 243-6.—**Magaudo, P.** Effetti della somministrazione di sostanza tiroidea e testicolare sullo sviluppo (esperimenti sui bruchi e crisalidi della *Pieris brassicae*). *Bol. Soc. ital. biol. sper.*, 1927, 2: 791-4.—**Mazza, A.** L'influenza della tiroide sull'accrescimento somatico e la composizione chimica del nervasse (ricerche sperimentali). *Riv. sper. freniat.*, 1928-29, 52: 505-20.—**Medvedeva, N. B.** (Endocrine effect, on growth changes, of protein and nitrogen composition of the tissues). *J. méd., Kiev*, 1937, 7: 1155-71.—**Nowinski, W. W.** Die Beziehungen zwischen Thyroxin und Thyroxin beim Wachstum der Tiere. *Biochem. Zschr.*, 1933, 259: 182-90.—**Osborn, C. M.** The inhibition of molting in urodeles following thyroidectomy or hypophysectomy. *Anat. Rec.*, 1936, 66: 257-69, pl.—**Paton, D. N.** The relationship of the thymus and testes to growth. *Edinburgh M. J.*, 1926, n. ser., 33: 351-6.—**Pighini, G.** L'azione della ipofisi anteriore e della tiroide sull'accrescimento di cuccioli. *Endocr. pat. cost.*, Bologna, 1939, 14: 206-17.—**Remy, P.** Les glandes à sécrétions internes et le développement des batraciens. *Rev. fr. endocr.*, 1923, 1: 220-37.—**Riddle, O., Bates, R. W.** [et al.] Endocrine studies: pituitary influence on size of body and viscera. *Yearb. Carnegie Inst. Washington*, 1940 (1939-40) 39: 221.—**Robertson, T. B., & Ray, L. A.** Experimental studies on growth; further experiments on the influence of tetelin upon the growth and longevity of the white mouse. *Austral. J. Exp. Biol.*, 1925, 2: 173-88, pl.—**Röthlisberger, P.** Vergleichende Untersuchungen über den Einfluss von Thyroxin und Lymphdrüsenextrakten auf das Wachstum. *Biochem. Zschr.*, 1932, 253: 137.—**Rowntree, L. G., Clark, J. H.** [et al.] The rôle of the thymus and pineal glands in growth and development. *Am. J. Physiol.*, 1936, 116: 132.—**Salmon, T. N.** The effect on the growth rate of thyro-parathyroidectomy in newborn rats and of the subsequent administration of thyroid, parathyroid and anterior hypophysis. *Endocrinology*, 1938, 23: 446-57.—**Scapaticci, R.** Influenza della timectomia e della splenectomia sullo sviluppo del coniglio. *Boll. Soc. ital. biol. sper.*, 1938, 13: 110-2.—**Scheingart, M.** La influencia de las hormonas gonado-estimulantes sobre el crecimiento. In *Libro de oro M. R. Castex, B. Air.*, 1940, 1: 880-7.—**Schumacher, A. E., Heuser, G. F., & Norris, L. C.** Evidence of the complex nature of the alcoholic precipitate factor required by the chick. *J. Biol. Chem.*, 1940, 133: Proc., 86.—**Silberberg, M., & Silberberg, R.** Effect of potassium iodide on bone and cartilage in thyroidectomized immature guinea pigs. *Arch. Path., Chic.*, 1939, 28: 846-50.—**Sklower, A.** Ueber phasenspezifische Wirkung von Hormonen. *Zool. Anz.*, 1929, Suppl. Bd 4, 186-94.—**Tangl, H.** Einfluss von Milz-, Thymus- und Thyreoidaeextrakt auf das Wachstum von jungen Ratten. *Biochem. Zschr.*, 1927, 182: 418-23.—**Wulzen, R., & Bahrs, A. M.** The opposite effects of liver and pancreas upon the growth of planarian worms. *J. Cancer Res.*, 1928, 12: 53-9.
- **Factors, and regulation.**
- ADOLPH, E. F.** The regulation of size as illustrated in unicellular organisms. 233p. 8°. Balt., Md., 1931.
- CHALLE-CHAMPDEMERLE, M.** *Contribution à l'étude des facteurs de la croissance. 44p. 8°. Par., 1931.
- Aron, M.** Faits expérimentaux relatifs à l'harmonie de croissance chez les larves d'anoures. *C. rend. Acad. sc.*, 1926, 183: 318-20. — **Facteurs nerveux et facteurs humoraux de la croissance chez les larves d'anoures. *C. rend. Soc. biol.*, 1927, 96: 624. — **Régulation et harmonie de croissance chez l'embryon de Rana temporaria après élimination d'extraovats. *Ibid.*, 625-7. — **Rôle du système nerveux dans la croissance des larves d'anoures; existence d'un centre de croissance. *Ibid.*, 271-3. — **Les facteurs internes de la croissance; hormones et système nerveux. *Rev. fr. endocr.*, 1929, 7: 269-93.—**Babcock, W. W.** Organic control of growth and new growth. *Am. J. Surg.*, 1935, 28: 67-70. Also *Phi Chi Q.*, Menasha, 1935, 32: 540-4.—**Baitsell, G. A.** Certain biological factors associated with growth and repair. In *Pract. Libr. M. & S.* (Appleton) N. Y., 1932, 1: 1147-62.—**Bayandurov, B. I.** [Dependence of growth and development on the central nervous system] *Tr. Inst. eksp. vet., Moskva*, 1930, 7: 75-89.—**Bell, A. J.** Hereditary factors in growth and development. *Ohio M. J.*, 1938, 34: 995-1000.—**Blunn, C. T., & Gregory, P. W.** The embryological basis of size inheritance in the chicken. *J. Exp. Zool.*, 1935, 70: 397-414.—**Boas, F.** Conditions controlling the tempo of development and decay. *Abstr. Proc. Ass. Life Insur. M. Dir. America*, 1936, 22: 212-23.—**Brown, L. A.** On the nature of the equation from growth processes. *J. Gen. Physiol.*, 1927-28, 11: 37-42.—**Burr, H. S.** Electrical changes in body controlling factor in growth. *Science News Lett.*, 1936, 30: 37.—**Byerly, T. C., Heisel, W. G., & Quinn, J. P.** Growth in weight and cell number; genetic effects in the chick embryo and chick. *J. Exp. Zool.*, 1938, 78: 185-203.—**Castle, W. E.** A further study of size inheritance in rabbits, with special reference to the existence of genes for size characters. *Ibid.*, 1929, 53: 421-54. — **Gates, W. H.** [et al.] Studies of a size in mice. *Genetics*, 1936, 21: 310-23.—**Castle, W. E., & Gregory, P. W.** The embryological basis of size inheritance in the rabbit. *J. Morph.*, 1929, 48: 81-10, 3 pl.—**Courtis, S. A.** Factors conditioning growth. *Papers Michigan Acad. Sc.* (1928) 1929, 10: 349-67.—**Davenport, C. B.** The heredity of stature. *Science*, 1915, n. ser., 42: 495; 1916, 43: 867.—**De Gregorio, G.** Contributo allo studio dell'azione dei fattori ormonali e vitaminici sull'accrescimento e sull'evoluzione delle larve di *Bufo vulgaris*. *Arch. ostet. gin.*, 1940, 2. ser., 4: 64-71.—**Euler, H. von, Myrbäck, K.** [et al.] Wachstumsfaktoren. *Zschr. physiol. Chem.*, 1927, 118: 11-26.—**Euler, H. von, & Rydholm, M.** Zur Kenntnis der Wachstumsfaktoren. *Ibid.*, 1926, 153: 283; 155: 270; 157: 163, pl.—**Euler, H. von, & Steffenburg, S.** Zur Kenntnis der Wachstumsfaktoren. *Ibid.*, 1925, 149: 195-202.—**Farr, C. H.** The isoelectric point and the median minimum of growth. *Proc. Soc. Exp. Biol.*, N. Y., 1926-27, 24: 715.—**Fischer, A.** Sur les principes de croissance humoraux et solitaires; tréphonos et desmones. *Acta path. microb. scand.*, 1925, 2: 7-22. — **Cytoplasmic growth principles of tissue cells.** *Arch. exp. Zellforsch.*, 1925, 1: 369-77. — **Factors of growth of a regulatory nature in tissue cells.** *Am. J. M. Soc.*, 1927, 173: 562-5.—**Gottschalk, N.** Ueber Altersveränderungen und die sie bestimmenden Faktoren beim wachsenden Organismus. *Arch. ges. Physiol.*, 1926, 212: 418-40.—**Graetz, E.** Die Grenzen des Wachstums. *Umschau*, 1935, 39: 812.—**Graham, C. E., & Griffith, W. H.** Studies on growth; growth factors in liver. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 715-7.—**Green, C. V.** Size inheritance and growth in a mouse species cross (*Mus musculus* × *Mus baccatrianus*) birth weights. *J. Exp. Zool.*, 1931, 58: 247-58. — **Size inheritance and growth in a mouse species cross (*Mus musculus* × *Mus baccatrianus*) growth.** *Ibid.*, 59: 247-63.—**Greenberg, L. D., & Schmidt, C. L. A.** Studies on the properties of a growth-promoting factor for *Planaria maculata*. *Ibid.*, 1936, 73: 375-92.—**Gregory, P. W., & Goss, H.** Glutathione concentration and hereditary size: the backcross to the large parent race. *Ibid.*, 1933, 66: 335-49.—**Gregory, P. W., & Castle, W. E.** Further studies on the embryological basis of size inheritance in the rabbit. *Ibid.*, 1931, 59: 199-211. — **Growth without chromosomes.** *J. Hered.*, 1937, 28: 98.—**Haddow, A.** Genetical aspects of growth, normal and abnormal. *Nature, Lond.*, 1939, 144: 823.—**Hammett, F. S.** The chemical stimulus essential for growth by increase in cell number. *Protoplasma, Luz.*, 1929, 7: 297-322. Also *Proc. Am. Philos. Soc.*, 1930, 69: 217-23. — **The natural chemical equilibrium regulative of growth by increase in cell number.** *Protoplasma, Luz.*, 1930, 11: 382-411.—**Harnly, M. H., & Lécuyer Harnly, M.** The effects of the gene on growth and differentiation as shown by the temperature responses of pennant and its heterozygote in *D. melanogaster*. *J. Exp.*********

- Zool., 1936, 74: 41-59.—Heaton, T. B. Factors in the control of growth. *Guy's Hosp. Rep.*, Lond., 1932, 82: 320-8.—Hennig, E. Wege und Triebkräfte organischer Entfaltung. *Naturwissenschaften*, 1927, 15: 260-2.—Henschen, C. Auslösung von Wachstumsvorgängen an Geweben und Organen durch die gewebe- und organischen autofermentativen Abbaustoffe. *Arch. klin. Chir.*, 1928, 152: 85-9.—Hersh, A. H. Facet number and genetic growth constants in bar-eyed stocks of *Drosophila*. *J. Exp. Zool.*, 1931, 60: 213-48.—Hesse, R. Ueber Grenzen des Wachstums. *Naturwissenschaften*, 1931, 19: 611.—Heubner, W., & Orzechowski, G. Permeabilität und Wachstum. *Zschr. Krebsforsch.*, 1935-36, 43: 284-90.—Hlin, N. A., & Levitkaia, K. F. [Investigation of the influence of the increased gravitation upon the organism; change of weight of the body] *Bull. biol. méd. exp. URSS*, 1940, 9: 200-3.—Kaufman, L. Innere und äussere Wachstumsfaktoren; Untersuchungen an Hühnern und Tauben. *Arch. Entwmech.*, 1930, 122: 395-431.—Keller, C. Vergleichende Zellen- und Kernmessungen bei grossen und kleinen Hühnerrassen zur Prüfung der genetisch bedingten Wuchsunterschiede; zugleich ein Beitrag zur Frage des rhythmischen Wachstums der Kerne. *Z.-chr. Zellforsch.*, 1933, 19: 510-36, 2 ch.—Kopeč, S. Zur Kenntnis der Vererbung der Körperdimensionen und der Körperform beim Haushuhn. *Zschr. indukt. Abstamm.*, 1927, 45: 87-104.—Law, L. W. Studies on size inheritance in mice. *Genetics*, 1938, 23: 399-422.—Luria, S. Ricerche sperimentali sulla relazione fra accrescimento somatico e accrescimento delle cellule nervose. *Boll. Soc. ital. biol. sper.*, 1934, 9: 883-5.—May, E. Système nerveux et croissance. *Rev. crit. path.*, Par., 1930, 2: 1-4.—Morgan, T. H. Genetics and the physiology of development. *Am. Natur.*, 1926, 60: 489-515.—Peebles, F. Some growth regulating factors in *Tubularia*. *Physiol. Zool.*, 1931, 4: 1-35.—Peller, S. Growth, heredity and environment. *Growth*, Ithaca, 1940, 4: 277-89.—Peskett, G. L. Growth factors of lower organisms. *Biol. Rev. Cambridge Philos. Soc.*, 1933, 8: 1-45.—Punnett, R. C., & Bailey, P. G. Genetic studies in rabbits; on the inheritance of weight. *J. Genet.*, Camb., 1918-19, 8: 1-25.—Reimann, S. P. Further studies on the rôle played by certain normally occurring intracellular chemical compounds in growth and development. *Am. J. Roentg.*, 1940, 44: 444-8.—Robertson, T. B. The nature of the factors which determine the sequence of growth-cycles and its relationship to the differentiation of tissues. *J. Gen. Physiol.*, 1928-29, 12: 329-44.—Simon, R. Innervation sympathique et croissance. *C. rend. Soc. biol.*, 1930, 103: 709.—Trifonova, A. N. [Physiology of differentiation and growth; Pasteur-Meyerhof equilibrium in the development of fishes] *Biol. J. Moskva*, 1937, 6: 243-82.—Twitty, V. C., & Van Wagendonck, W. J. A suggested mechanism for the regulation of proportionate growth, supported by quantitative data on the blood nutrients. *Growth*, Ithaca, 1940, 4: 349-60.—Ulm, P. Sui fattori dell'accrescimento (contributo sperimentale) *Atti Accad. fisior.* Siena (1928) 1929, 10. ser., 3: 1027-35, 8 pl.—Vandel, A. Le déterminisme du développement des ostéogènes des isopodes, et des caractères sexuels secondaires temporaires des crustacés. *C. rend. Acad. sc.*, 1924, 178: 974-6.—Wexelsen, H. Size inheritance in pigeons. *J. Exp. Zool.*, 1937, 76: 161-86.—Wigglesworth, V. B. The chemical regulation of insect growth. In *Perspectives in biochem.* (Needham, J., & Green, D. E.) Camb., 1937, 108-13.—Wright, S. General, group and special size factors. *Genetics*, 1932, 17: 603.
- **Gradients.**
Child, C. M. Studies on the axial gradients in *Corymorpha palma*; control and modification of polarity and symmetry in reconstitution by differential exposure. *Biol. gen.*, Wien, 1926, 2: 771-98.—David, R. Existe-t-il un gradient axial chez les graines? *C. rend. Soc. biol.*, 1939, 131: 421-4.—Dawes, B. Gradients of normal and regenerative growth in the pistol-crab, *Alpheus dentipes*. *Arch. Entwmech.*, 1933, 130: 649-59.—Huxley, J. S. The existence and importance of growth-gradients. *Biol. Zbl.*, 1929, 49: 490-3.
- **human.**
See *Growth [human]*
- **Kinetics.**
See also subheading *Metabolism*.
FAURÉ-FREMIET, E. La cinétique du développement; multiplication cellulaire et croissance. 335p. 8° Par., 1925.
Berrill, N. J. Cell division and differentiation in asexual and sexual development. *J. Morph.*, 1935, 57: 353-427.—Brody, S. The kinetics of growth and senescence. *Abstr. Theses Univ. Chicago*, 1928-29, 7: 427-30.—Caldesi-Valeri, G. Orientazione dell'asse cariocinetico e direzione dell'accrescimento. *Monit. zool. ital.*, 1930-31, 41: Suppl., 204.—Derrick, G. E. An analysis of the early development of the chick by means of the mitotic index. *J. Morph.*, 1937, 61: 257-84.—Eichhorn, A. Sur la mitose somatique et le satellite du Ginkgo biloba. *C. rend. Soc. biol.*, 1928, 99: 1787.—Fischer, A., & Parker, R. C. Proliferation and Differenzierung. *Arch. exp. Zellforsch.*, 1929, 8: 297-324.—Gray, J. The kinetics of growth. *Brit. J. Exp. Biol.*, 1928-29, 6: 248-74.—Hammett, F. S. The chemical stimulus essential for growth by increase in cell number. *Proc. Am. Philos. Soc.*, 1929, 68: 151-61.—Richards, A. Analysis of early development of fish embryos by means of the mitotic index; the use of the mitotic index. *Am. J. Anat.*, 1935, 56: 355-63. ——— & Porter, R. P. Analysis of early development of fish embryos by means of the mitotic index; the mitotic index in pre-neural tube stages of *Fundulus heteroclitus*. *Ibid.*, 365-93.—Richards, A., & Schumacher, B. L. Analysis of early development of fish embryos by means of the mitotic index; the mitotic index of young embryos of *Coregonus clupeaformis*. *Ibid.*, 395-408.—Robertson, B. The dynamics of growth and differentiation. *Arch. sc. biol.*, Nap., 1928, 12: 235-50.—Self, J. T. Analysis of the development of fish embryos by means of the mitotic index; the process of differentiation in the early embryos of *Gambusia affinis*. *Zschr. Zellforsch.*, 1937, 26: 673-95.
- **Metabolism, and energy requirements.**
BUSSON, A. *Sur le métabolisme et le rôle du facteur de croissance ou facteur A dans l'espèce animale et dans l'espèce humaine. 182p. 8° Par., 1933.
UNIVERSITY OF MISSOURI. COLLEGE OF AGRICULTURE. GROWTH COMMITTEE. Growth and development with special reference to domestic animals; energy and nitrogen metabolism during the first year of postnatal life. 208p. 8° Columbia, Mo., 1930.
Bonnet, R., Duquéniois, P., & Vincent, G. L'énergie de croissance; le rendement énergétique en fonction de la nature de l'aliment azoté chez les microorganismes. *Bull. Soc. chim. biol.*, Par., 1926, 8: 970-5.—Boy, G. L'énergie de croissance; action des sels de zinc et de manganèse à concentrations toxiques sur les rendements énergétiques dans la germination. *Ibid.*, 1935, 17: 1414-26.—Bumm, E. Ueber die Beziehungen zwischen Zellstoffwechsel und Wachstum. *Deut. med. Wschr.*, 1934, 60: 1173-6. Also *Verh. Berl. med. Ges.* (1934) 1935, 64: 47-57.—Demuth, F. Energiestoffwechsel, Wachstum und Differenzierung. *Arch. exp. Zellforsch.*, 1934, 15: 128-30.—Fraps, G. S., & Carlyle, E. C. Relation of gain in weight to gain in energy content of growing chicks. *J. Agr. Res.*, 1939, 59: 777-81.—Gordon, W. G. The availability of D- and L-amino-N-methyl-tryptophane for growth. *Proc. Am. Soc. Biol. Chem.*, 1938, 8: No. 7, 43.—Heaton, T. B. The nutritive requirements of growing cells. *J. Path. Bact.*, Edinb., 1926, 29: 293-306, 3 pl.—Hoover, S. R., & Allison, F. E. The growth metabolism of *Rhizobium*, with evidence on the interrelations between respiration and synthesis. *J. Biol. Chem.*, 1940, 134: 181-92. Also repr.—Klein, W., & Steuber, M. Der Zusammenhang zwischen Energieaufwand und Wachstumstrieb beim Lamm während seiner Entwicklung vom Säugling zum Wiederkäuer. *Biochem. Zschr.*, 1923, 139: 66-73.—Kojima, K. Das Eisen in normalen und pathologischen Geweben und seine biologische Bedeutung; Beobachtungen über die Beziehung zwischen Organeisengehalt und Wachstum der Tiere. *Nagoya J. M. Sc.*, 1930, 5: 49-61.—L'Héritier, P. Contribution à l'étude de la croissance et du métabolisme de la souris. *Ann. physiol.*, Par., 1930, 6: 1-31.—Ludwig, W. Körpergrösse, Körperzeiten und Energiebilanz; Untersuchungen an Süsswassermollusken und -arthropoden. *Zschr. vergl. Physiol.*, 1936-37, 24: 319-42.—Moulton, R. C. Availability of the energy of food for growth. *Science*, 1917, 46: 96.—Nakamura, T. Studie über den Phosphorstoffwechsel beim Wachstum des Tieres; über das Verhalten verschiedener Phosphatasen und Phosphorsäureverbindungen des Bombyx mori L. beim Wachstum. *Mitt. Med. Akad. Kioto*, 1940, 28: 590-2.—Palmer, L. S., & Kennedy, C. The fundamental food requirements for the growth of the rat; growth on a simple diet of purified nutrients. *J. Biol. Chem.*, 1927, 74: 591-611.—Popoviciu, G., Benetato, G. [et al.] Sur le métabolisme de la croissance; ses variations avec la saison et avec l'âge. *C. rend. Soc. biol.*, 1933, 114: 332-4.—Reiss, M. Selbststeuerung des Stoffwechsels wachsenden Gewebes. *Med. Klin.*, Berl., 1931, 27: 1426-8.—Richter, C. P., Holt, L. E., jr., & Barett, B., jr. Nutritional requirements for normal growth and reproduction in rats studied by the self-selection method. *Am. J. Physiol.*, 1938, 122: 734-44.—Riddle, O., Nussmann, T. C., & Benedict, F. G. Metabolism during growth in a common pigeon. *Ibid.*, 1932, 101: 251-9.—Rubner, M. Ueber die Bildung der Körpermasse im Tierreich und die Beziehung der Masse zum Energieverbrauch. *Sitzber. Preuss. Akad. Wiss.*, phys. math. Kl., 1924, 217-34.—Russell, W. C., Taylor, M. W., & Polskin, L. J. Fat requirements of the growing chick. *J. Nutrit.*, 1940, 19: 555-62.—Scherinzky, F. Wasserhaushalt und Wachstum. *Arch. ges. Physiol.*, 1929, 223: 645-56.—Stekol, J. A., & Cerecedo, L. R. Comparative studies on the metabolism of adult and growing dogs; detoxication processes. *J. Biol. Chem.*, 1934, 105: p. lxxxv.—Tariya, H. Ueber die Wärmebilanz des Wachstumsvorganges. *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 188.—Tessier, G. Similitude biologique et lois énergétiques du développement de Rübner. *C. rend. Soc. biol.*, 1927, 96: 954. ——— La grandeur du métabolisme en fonction de la taille; étude de biométrie théorique. *Ann. physiol.*, Par., 1928, 4: 1-26. ——— Sur l'énergétique de la croissance de *Tenebrio molitor* L. *C. rend. Soc. biol.*, 1930, 104: 857. ——— Métabolisme et taille; une conséquence singulière de la formule de prévision de Harris et Benedict. *Ibid.*, 1935, 118: 1138-41.—Terroine, E. F., Bonnet, R. [et al.]

- L'énergie de croissance. Bull. Soc. chim. biol., Par., 1922, 4: 519; 1924, 6: 357; 1925, 7: 351; 461; 1930, 12: 10. —
L'énergie de croissance; rendement énergétique comparé du glucose et de divers acides organiques dans la culture du *Sterigmatocystis nigra*. Ibid., 1926, 8: 976-81. — **Terroine, E. F.**, & **Reichert, T.** Influence de la ration saline sur la grandeur de la rétention azotée au cours de la croissance. C. rend. Acad. sc., 1929, 188: 1268-71. — **Terroine, E. F.**, **Trautmann, S.** [et al.] L'énergie de croissance; les rendements énergétiques dans le développement des microorganismes et dans la germination en fonction de la concentration des aliments et de l'oxygène et le problème de la consommation de luxe. Bull. Soc. chim. biol., 1926, 8: 584-603. — **Vernidub, M. F.** [Metabolism during development of the injured fish embryo; effect of high temperature on the development and glycolysis of the roe of *Salmo fontinalis* and *Salmo trutta* in Fario]. Arch. russ. anat., 1940, 25: 68-79. — **Vincent, G.** L'énergie de croissance; le rendement énergétique en fonction de la nature de l'aliment azoté (N nitrique et N ammoniacal) chez les végétaux supérieurs. Bull. Soc. chim. biol., Par., 1926, 8: 330-40. — **Warburg, O.**, & **Kubowitz, F.** Stoffwechsel wachsender Zellen (Fibroblasten, Herz, Chorion). Biochem. Zschr., 1927, 189: 242-8. — **Weiser, S.** Einfluss länger dauernden Stickstoffgleichgewichts auf den wachsenden tierischen Organismus. Ibid., 1926, 173: 14-25. — **Wetzel, N. C.** On the motion of growth; introduction to the energetics of growth and metabolism. Proc. Soc. Exp. Biol., N. Y., 1932, 30: 224-7. — Fundamental relations and quantities of growth and metabolism. Ibid., 1933, 30: 1044-50. — **Wühlbier, W.** Wachstum und Nährstoffansatz bei den Säugetieren. Med. Klin., Berl., 1933, 29: 1280-2. — **Zummo, C.** Sul comportamento del peso di maiali in accrescimento in rapporto all'azoto ritenuto. Boll. Soc. ital. biol. sper., 1931, 6: 605-7.
- organ.
See also **Organogenesis**; also under names of organs.
Allen, B. M. The effects of extirpation of the thyroid and pituitary glands upon the limb development of anurans. J. Exp. Zool., 1925, 42: 13-30, ch. — **Bertalanffy, L.** A quantitative theory of organic growth (inquiries on growth laws) Human Biol., 1938, 10: 181-213. — **Deanesly, R.**, & **Rowlands, I. W.** Growth of the reproductive and endocrine organs of the guinea-pig. J. Anat., Lond., 1935-36, 70: 331-8. — **Filatov, D. P.** [Formation of organs without regulation process] Biol. J. Moskva, 1937, 6: 385-92. — **Keil, E.** Wachstumsveränderungen am Gesichtsschädel des Orang-Utan. Zschr. Morph. Anthropol., 1932-33, 31: 173-227, 8 tab. — **Latimer, H. B.** The prenatal growth of the cat; the growth in length of the 2 extremities and of their parts. Anat. Rec., 1933, 55: 377-94. — **Olive, O. M.** Accrescimento ponderale e coefficiente mitotico dell'accrescimento del cuore di embrioni di pollo incubati a temperature differenti. Monit. zool. ital., 1931, 42: Suppl., 206-11. — **Porta, E.** Differenze nell'accrescimento ponderale, coefficiente mitotico dell'accrescimento e durata della mitosi tra fegato e cuore embrionali di pollo. Ibid., 213-8. — & **Barberis, L.** Ricerche sulla velocità di accrescimento delle cellule e degli organi; modalità di accrescimento delle cellule dei gangli spinali nel pollo durante la vita embrionale e postnatale. Arch. ital. anat., 1932-33, 30: 34-71, 2 ch. — **Reinhardt, F.** Beeinflussung der Hinterbeinentwicklung des Rippenmolches durch einseitige Fütterung. Anat. Anz., 1939-40, 89: 45-51. — **Schaefer, K.** Einfluss der Hypophysenextirpation und -implantation auf die Phalangenausbildung der Molcheextremität. Virchows Arch., 1934, 293: 562-98. — **Sewertzoff, A. N.** Studien über die Reduktion der Organe der Wirbeltiere. Zool. Jahrb., Abt. Anat., 1931, 53: 611-700, 2 ch. — **Slobodnik, M.** Experimentelle Untersuchungen über Beziehungen zwischen Wachstum des Organismus und Tonsillen. Zschr. Hals & Heilk., 1929, 23: 372-8. — **Zavadovsky, M. M.** On the contradictory interaction of the organs of the animal body. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 58. — **Zietzschmann, O.** Die Bedeutung der in Rückbildung begriffenen (der rudimentären) Organe für das biologische Geschehen. Deut. tierärztl. Wschr., 1928, 26: 275-8.
- Phases.
PALMER, C. E. Temporal cycles of growth. 5p. 8° Wash., 1933.
Börner, C. Die Folge der Reifeteilungen auf Grund der tokontologischen Analyse der Organismenentwicklung. Zool. Anz., 1925, 64: 197-213. — **Brody, S.** Time relations of growth. J. Gen. Physiol., 1925-26, 8: 233; 1926, 9: 285; 1926-27, 10: 637. — **Burridge, W.** The rhythm of living tissues. Scientia, Bologna, 1935, 58: 229-39; Suppl., 102-11. — **Collin, R.** Accrescimento ritmico e divisione cellulare. Biol. méd., Milano, 1931, 7: 99-113. — **Davidov, C.** Sur la réversibilité des processus du développement; les phases extrêmes de la réduction des démentses. C. rend. Acad. sc., 1928, 186: 911-3. — **Eichhorn, H. L.** The growth-reproduction cycle. Growth, Ithaca, 1940, 4: 1-16. — **Fauré-Fremiet, E.**, & **Dragoju, J.** Le premier cycle de croissance du têtard de *Rana temporaria*. Arch. internat. physiol., Liège, 1923, 21: 403-37. — **Harman, M. T.**, & **Dobrovolsky, M. P.** The development of the external form of the guinea-pig (*cavia cobaya*) between the ages of 21 days and 35 days of gestation. J. Morph. Physiol., 1933, 54: 493-519. — **Hoesslin, H. von.** Die Wachstumskurve; Wachstum von Säugetieren nach der Geburt. Zschr. Biol., 1931-32, 92: 413-35. — **Latimer, H. B.** Growth changes in the body and some of the organs of the chick at time of hatching. Anat. Rec., 1928, 39: 215-28. — **Macdougall, D. T.** Lengthened growth periods and continuous growth. Proc. Am. Philos. Soc., 1930, 69: 329-45. — **Scammon, R. E.** The growth in mass of the various regions of the body in the fetal period. Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 238-41. — **Schmalhausen, I.** Ueber die natürliche Einteilung des Wachstumsprozesses bei Wirbeltieren. Arch. Entw. mech., 1929, 115: 668-77. — **Sleggs, G. F.** The process of growth according to the theory of differential periodicity. Growth, Ithaca, 1940, 4: 51-62. — **Teissier, G.** Similitude biologique et croissance pondérale; interprétation des cycles de croissance. C. rend. Soc. biol., 1927, 96: 955-7. — **Wermel, E. M.**, & **Scherschulskaja, L. W.** Studien über Zellen- und Zellenwachstum; über proportionelles (rhythmisches) Zellenwachstum. Zschr. Zellforsch., 1933-34, 20: 459-75.
- plant.
See also **Germination**; **Growth hormone**; **Plant, Physiology**; **Seed**; **Tropism**, &c.
BREGMANN, S. *Studien über die Wirkung des Blutserums und der Arzneistoffe auf das Wachstum von *Lupinus albus*. 23p. 8° Basel, 1930. Also Schweiz. med. Wschr., 1930, 60:
FRANCIS, D. S. *The effects of X-rays on growth and respiration of wheat seedlings [Columbia Univ.] p.119-53. 8° 1934. Also Bull. Torrey Bot. Club, 1934, 61:
JOHNSTON, E. S. Plant growth in relation to wave-length balance. 18p. 8° Wash., D. C., 1938.
MEYER, L. *Contribution à une étude physico-chimique du sol végétal; le rH apparent et la croissance des plantes [Strasbourg] 111p. 8° Par., 1934.
NUERNBERG, E., & **BUY, H. G. DU.** Die Analyse von pflanzlichen Wachstumsvorgängen. p.951-1014. 8° Berl., 1939.
In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1939, Abt. 11, T. 4, 1. Hälfte.
YOUNG, R. S. Certain rarer elements in soils and fertilizers, and their role in plant growth. 70p. 8° Ithaca, N. Y., 1934.
Arrhenius, O. Pflanzenwachstum und Bodenreaktion. Naturwissenschaften, 1927, 15: 263. — **Arthur, J. M.** Work to date at Boyce Thompson Institute for plant research on effect of light on plant growth. Tr. Illum. Engin. Soc., 1924, 19: 995-7. — **Behn, H.** Feldversuche mit Bakterien-Impfstoffen für Nichtleguminosen und mit Humusstoffen zur Ermittlung der Wirkung dieser Stoffe auf das Pflanzenwachstum. Arb. Biol. Reichsanst., 1928-29, 16: 45-114. — **Bergdolt, E.**, & **Spanner, L.** Haben kosmische Vorgänge Einfluss auf das Pflanzenwachstum? Zschr. ges. Naturwiss., 1939, 5: 82-93. — **Bohn, G.** Points de flexion géotropique et leurs déplacements chez le *Gnaphalium undulatum*. C. rend. Soc. biol., 1927, 97: 1222-4. — & **Drzewina, A.** Accélération et inhibition de la croissance des plantes par l'argent métallique. Ibid., 1932, 109: 638-41. — **Bonner, J.**, & **Axtman, G.** The growth of plant embryos in vitro; preliminary experiments on the role of accessory substances. Proc. Nat. Acad. Sc. U. S., 1937, 23: 453-7. — **Bouges.** Sur quelques résultats de la suralimentation et de la sous-alimentation embryonnaires chez l'avoine. C. rend. Acad. sc., 1934, 198: 606-8. — **Bouillenne, R.** Substances formatrices de racines chez les plantes supérieures. Ann. physiol., Par., 1933, 9: 973-6. — **Brenchley, W. E.** The effect of boron on plant growth. Brit. M. J., 1924, 2: 9. — The effect of rubidium sulphate and palladium chloride on the growth of plants. Ann. Appl. Biol., Lond., 1934, 21: 398-417, pl. — **Brink, R. A.**, & **Burnham, C. R.** Nucleus and cytoplasm in relation to differential pollen-tube growth. Proc. Nat. Acad. Sc. U. S., 1927, 13: 238-42. — **Buckner, G. D.** Translocation of mineral constituents of seeds and tubers of certain plants during growth. J. Agr. Res., 1915, 5: 449-58. — **Cancedda, L.** L'azione esercitata da lattici collettivi sull'accrescimento del *Lupinus albus* L. Profilassi, 1939, 12: 116. — **Castle, E. S.** The influence of certain external factors on the spiral growth of single plant cells in relation to protoplasmic streaming. J. Cellul. Physiol., 1935-36, 7: 445-54. — Discontinuous growth of single plant cells measured at short intervals, and the theory of intussusception. Ibid., 1940, 15: 285-98. — **Chouard, P.**, & **Teissier, G.** Relations entre la croissance des diverses parties de la plante du melon et la quantité de réserves laissées à la disposition de l'embryon. C. rend. Acad. sc., 1932, 194: 1513-5. — **Colla, S.** Sull'azione dei raggi di Wood durante la germinazione e i primi periodi di accrescimento delle piante. Boll. Soc. ital. biol. sper., 1929, 4: 298-301. — **Collins, G. N.**, **Flint, L. H.**, & **McLane, J. W.** Electric stimulation of plant growth. J. Agr. Res., 1929, 38: 555-600. — **Crawford, R.**, & **Crawford, R. E.** Growing plants with chemical solutions. Am. J. Pharm., 1938, 110: 190; 539. —

- Dufrenoy, J. Corrélation entre la température de l'air et la vitesse de la croissance de la vigne. C. rend. Acad. sc., 1932, 194: 639. — Radoëff, A. Coloration vitale des vacuoles de plantules de Riz, en cours de croissance. C. rend. Soc. biol., 1932, 111: 188. [Effect of boric acid and borates on the growth of plants] Ny pharm. tid., Kbh., 1877, 9: 56. — Funke, G. L. Problems of plant growth. J. Physiol., Lond., 1937, 90: 72. — Garber, R. J., & Quisenberry, K. S. The inheritance of length of style in buckwheat. J. Agr. Res., 1927, 34: 181-3. — Gautheret, R. Nouvelles expériences sur la croissance des cellules isolées de coiffe de *Lupinus albus*. C. rend. Soc. biol., 1939, 132: 351. — Genevois, L., & Radoëff, A. Recherches sur la croissance des végétaux supérieurs dans le vide. Ibid., 1933, 114: 695. — Giambiagi de Calabrese, D. Influencia iónica del medio sobre el crecimiento de los tejidos vegetales. Bol. Inst. med. exp. cáncer, B. Air., 1939, 16: 393-432. — Grace, N. H. Effects of cane sugar, ethyl mercuric phosphate, and indolylacetic acid in tale on the rooting of cuttings. Canad. J. Res., 1939, 17: Sect. C, 321-33. — Effects of dusts containing indolylbutyric acid and oestrone on the rooting of dormant *Lonicera tartarica* cuttings. Ibid., 1940, 18: sect. C, 283-8. — Gustafson, F. G. The effect of a decrease in the amount of transpiration on the growth of certain plants. Papers Michigan Acad. Sc., 1933, 19: 65-82, pl. — Haan, H. de. Length-factors in *Pisum*. Genetica, Gravenh., 1927, 9: 481-98. — Hanmiett, F. S. Studies in the biology of metals; the retardative influence of lead on root growth. Protoplasma, Lpz., 1928, 4: 187-91, pl. — Havas, L., & Mendeleeff, P. L'action d'extraits de liposarcome (Murrey) et d'extraits d'organes sur la germination et la croissance du blé. C. rend. Soc. biol., 1937, 126: 83-5. — Herik, F. Surface energy and plant growth. Biol. gen., Wien, 1927, 3: 83-94. — Hevesy, G., Linderstrom-Lang, K., & Olsen, C. Atomic dynamics of plant growth. Nature, Lond., 1936, 137: 66. — Hopkins, J. W. Influence of air temperature and soil moisture subsequent to flowering on the nitrogen content of wheat. Canad. J. Res., 1938, 16: sect. C, 135-42. — Irvine, V. C. X-radiation and growth substances as affecting plant primordial tissues. Proc. Soc. Exp. Biol., N. Y., 1940, 43: 453-5. — Jacobi, G. Untersuchungen über die Wirkung des ultravioletten Lichtes auf Keimung und Wachstum. Beitr. Biol. Pflanz., 1928, 16: 405-64, 2 pl. — Jensen, P. B. Growth regulators in the higher plants. Annual Rev. Biochem., 1938, 7: 513-28. — Jones, D. F. Somatic segregation and its relation to atypical growth. Genetics, 1937, 22: 484-522, pl. — Kholodnyi, N. G. [Chemical control of morphogenesis and development in plants] Priroda, Leningr., 1936, 25: 79-92. — Kirnosova, L. I., & Navashin, M. [On the proportions of primary and secondary cells in the dermatogene of the embryonic root in relation to cell differentiation] Biol. J. Moskva, 1936, 5: 377-82. — Kostoff, D. Pollen-tube growth in *Lythrum salicaria*. Proc. Nat. Acad. Sc. U. S., 1927, 13: 253-5. — Studies on atypical growth in plants from a cytogenetic point of view. J. Genet., Camb., 1939-40, 39: 469-84, pl. — Kovalevsky, G. V. [Laws of interaction between factors of the environment and height limits of vegetable organisms] Priroda, Leningr., 1940, 29: No. 6, 36-47. — Lesbre, F. X. A propos de l'orientation de la croissance chez les végétaux. Rev. vét., Toulouse, 1923, 75: 708-17. — Loehwing, W. F. Soil aération as a factor in growth and root development of plants. Proc. Soc. Exp. Biol., N. Y., 1931, 28: 868. — Mineral nutrients in relation to flower development. Science, 1940, 92: 517-20. — Lustig, B., & Wachtel, H. Action d'extraits d'organes des animaux sur la croissance des plantes germées. C. rend. Soc. biol., 1939, 132: 227-30. — Mabuti, T. Einfluss der Sexual- und Hypophosphinterhormone auf das Wachstum der Pflanze. J. Orient. M., Dairen, 1939, 21: 21. — Malinowski, E. Les phénomènes de l'hétérosis et la réaction photopériodique chez *Phaseolus vulgaris* (L.) Savi. C. rend. Soc. biol., 1935, 119: 659. — Malyshev, N. Das Wachstum des isolierten Wurzelmeristem auf sterilen Nährböden. Biol. Zbl., 1932, 52: 257-65. — Medziewich, M. M. Action of Roentgen- and radium rays on the growth of plants] Tr. Gosud. nauch. inst. fizioter. Semashko, 1934, 2: 125-8. — Meites, M. Action de l'eau benzinée sur le développement des radicelles chez le lupin blanc. C. rend. Soc. biol., 1939, 131: 424. — Meunier, P. Premiers exemples d'allométrie chimique dans la croissance des végétaux. Bull. Soc. chim. biol., Par., 1936, 18: 636-44. — Molliard, M. Action d'un enrichissement de l'atmosphère en oxygène sur le développement des plantes. C. rend. Acad. sc., 1935, 201: 1160-2. — Montet, D. L'action de la radioactivité sur la germination des bulbes. Ibid., 1932, 194: 1093-5. — Motte, J. Sur l'évolution cytologique de l'archéogone d'*Hylocomium splendens* Hedw. C. rend. Soc. biol., 1926, 95: 608. — Neel, J. Correlated growth in the leaf of *Begonia argenteo-guttata*. Growth, Ithaca, 1940, 4: 237-40. — Nehru, S. S. La radiazione e l'accrescimento delle piante. Atti Congr. internaz. elettro-radiol., 1: 121-33. — Nicol, H. Micro-organisms and plant growth. Nature, Lond., 1934, 134: 218. — Niethammer, A. Die direkte Stimulierung von Wachstumsvorgängen. Zellstimulationsforschungen, 1927-29, 3: 111-4. — Ueber die verschiedenen Möglichkeiten der Beeinflussung des Wachstums von *Aspergillus niger* durch abgestufte Mengen von Zink- und Mangansalzen. Beitr. Biol. Pflanz., 1929, 17: 51-71. — Nobécourt, P. Sur la pérennité et l'augmentation de volume des cultures de tissus végétaux. C. rend. Soc. biol., 1939, 130: 1270. — Pearl, R., Edwards, T. I., & Miner, J. R. The growth of *Cucumis melo* seedlings at different temperatures. J. Gen. Physiol., 1934, 17: 687-700. Also repr. — Pearl, R., Winsor, A., & Miner, J. R. The growth of seedlings of the canteloup, *Cucumis melo*, in the absence of exogenous food and light. Proc. Nat. Acad. Sc. U. S., 1928, 14: 1-4. — Pearl, R., Winsor, C. P., & White, F. B. The form of the growth curve of the canteloup (*Cucumis melo*) under field conditions. Ibid., 895-901. — Pincass, F. Lässt sich das Pflanzenwachstum mathematisch erfassen? kritische Betrachtungen zu den Gesetzen von Mitscherlich. Naturwissenschaften, 1929, 17: 977-80. — Popov, M. Zell- und Saatgutstimulation, und die Reiz- und Düngungsverfahren. Biol. Zbl., 1924, 44: 458-63. — Potapenko, I. I. [Biology of development of fruit-bearing plants] Usp. sovrem. biol., 1940, 13: 122-30. — Radoëff, A. Stimulation de la croissance par divers agents chimiques chez le blé et le riz. C. rend. Soc. biol., 1933, 112: 580-2. — Rebello, S. Action des glandes à sécrétion interne et de leurs extraits sur le développement des plantes. Ibid., 1924, 90: 1095-7. — Redington, G. The effect of the duration of light upon the growth and development of the plant. Biol. Rev. Cambridge Philos. Soc., 1929, 4: 180-208. — A study of the effect of diurnal periodicity upon plant growth. Tr. R. Soc. Edinburgh, 1929-30, 56: pt 2, 247-72, 2 pl. — Régnier, J., David, R., & Joriot, R. Influence de la concentration en ions H de la solution nutritive sur la croissance de jeunes racines de lupin blanc; contribution à la mise au point des techniques phytopharmacologiques; mesure des actions toxiques exercées sur la cellule végétale. C. rend. Soc. biol., 1937, 125: 1011. — Reifenberg A., & Frankenthal, L. Ueber den Einfluss von Phosphatlösungen verschiedener Wasserstoffionenkonzentration auf die Atmung und Keimung von Samen (Beziehungen zwischen Bodenreaktion und Wachstum) Biochem. Zschr., 1930, 220: 473-86. — Riccioni, B. L'aumento di produzione del grano per mezzo del trattamento elettrico preventivo della semente. Atti Congr. internaz. elettro-radiol., 1934, 1: 152-229. — Richet, C. fils. Action des formates sur la croissance de certaines plantes cultivées en pot. C. rend. Acad. sc., 1924, 178: 1922. — Rose & Hamon, M. Sur l'influence des hormones sexuelles de synthèse, injectées en solution huileuse, sur la floraison et la fructification de quelques plantes supérieures. C. rend. Soc. biol., 1940, 133: 174-6. — Salter, R. M. Some soil factors affecting tree growth. Science, 1940, 91: 391-8. — Samokhvalov, G. K. [Requirements of plants of mineral elements in their nutrition at various phases of development] Bull. Acad. sc. URSS, ser. biol., 1940, 239-320. — Schüpp, O. Ueber periodische Formbildung bei Pflanzen. Biol. Rev. Cambridge Philos. Soc., 1938, 13: — Schuyten, M. C. Recherches sur la croissance de *Zea mays*, *Avena sativa*, *Triticum vulgare*, *Secale cereale*, *Hordeum vulgare* et *Lolium perenne*. Arch. Entwmech., 1933, 128: 216-48. — Seljei, J. The effect of fluorescent dyes on the growth of plants. Growth, Ithaca, 1940, 4: 145-56. — Sheard, G. F. The chemical composition of the plant growing-point and its relation to the daily light exposure. Ann. Appl. Biol., Lond., 1940, 27: 305-10. — Sinnott, E. W. The cell-organ relationship in plant organization. Growth, Ithaca, 1939, 3: Suppl. 77-86. — Skripchinsky, V. V. [Individual developmental stages of annual and perennial plants] Usp. sovrem. biol., 1940, 13: 525-36. — Snow, R. Experiments on growth and inhibition; inhibition and growth promotion. Proc. R. Soc., Lond., 1922, ser. B, 111: 86-105. — Tincker, M. A. H. Some root-forming substances, in relation to one another, to plant metabolism, and to growth. Ann. Appl. Biol., Lond., 1940, 27: 184-95. — Truffaut, G., & Thurneysen, G. Influence de la lumière artificielle sur la croissance des plantes supérieures. C. rend. Acad. sc., 1929, 188: 411-3. — Van Overbeek, J. Growth substance curvatures of *Avena* in light and dark. J. Gen. Physiol., 1936-37, 20: 283-309. Also repr. — Verona, O., & Saggese, V. Ricerche sull'influenza di preparati animali sullo sviluppo dei vegetali. Riv. biol., 1937, 23: 221-8. — Weizsäcker, W. Beitrag zum Studium des Wachstumsvorganges bei Pflanzen. Arch. Entwmech., 1937-38, 137: 34-56. — Whyte, R. O. Phasic development of plants. Biol. Rev. Cambridge Philos. Soc., 1939, 14: 51-87. — Wigoder, S. B., & Patten, R. E. P. Variation in the growth of irradiated bean roots. Brit. J. Radiol., 1929, n. ser., 2: 588-96, 2 pl. — Ziegenspeck, H. Die Mizellierung der Turgeszenz- und Wachstumsmechanismen der Pflanzen. Biol. gen., Wien, 1938-39, 14: 266; 507. — Zimmermann, W. Der plagiotope Wuchs der Pflanzen. Naturwissenschaften, 1927, 15: 889-95.

— Ratio.

- Anderson, W. E., & Smith, A. H. Further observations of rapid growth of the albino rat. Am. J. Physiol., 1932, 100: 511-8. — Briggs, G. E. A consideration of some attempts to analyse growth curves. Proc. R. Soc., Lond., 1928, ser. B, 102: 280-5, pl. — Brody, S. Time relations of growth; growth constants during the self-accelerating phase of growth. J. Gen. Physiol., 1926-27, 10: 637-58. — A comparison of growth curves of man and other animals. Science, 1928, 67: 43-6. — Crozier, W. J., & Enzmann, E. V. On the relation between litter size, birth weight, and rate of growth, in mice. J. Gen. Physiol., 1935, 19: 249-63. Also repr. — Cunningham, B. Embryonic growth rate and sex differentiation. J. Elisha Mitchell Sc. Soc., 1939, 55: 314-9. — Hartman, C. G. The breeding season of the opossum (*Didelphis virginiana*) and the rate of intra-uterine and postnatal development. J. Morph., 1928, 46: 143-209, 4 pl. — Hoesslin, H. von. Die Wachstumskurve. Zschr. Biol., 1930, 90: 600; 615. — Wachstum von Kaltblütern und Pflanzenfrüchten. Ibid., 1934, 95: 477-96. — Bemerkungen zu G. Backman,

Kritik meiner Wachstumsformel. Skand. Arch. Physiol., Berl., 1933, 66: 63 [Bemerkungen von G. Backman] 65.—**Ittner, N. R., & Hughes, E. H.** A normal growth curve for swine. J. Hered., 1938, 29: 385.—**Kaufman, L.** Les différences du taux d'accroissement des oiseaux sont-elles manifestes pendant la vie embryonnaire, résultats obtenus sur les poules et les pigeons. Arch. anat. micr., Par., 1929, 25: 325-35.—**Kopcé, S.** Die prozentuelle Wachstumsgeschwindigkeit der Mäuse in bezug auf das Gewicht der Neugeborenen. Arch. Entwmech., 1932, 126: 575.—**L'Héritier, P.** Observations sur la forme des courbes de croissance chez la souris domestique. C. rend. Soc. biol., 1929, 100: 79-81.—**Moment, G. B.** Effects of rate of growth on post-natal development of the white rat. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 686. Also J. Exp. Zool., 1933, 65: 359-93.—**Onthouste, J., & Mendel, L. B.** The rate of growth; its influence on the skeletal development of the albino rat. Ibid., 1932, 64: 257-85.—**Rahn, O.** A chemical explanation of the variability of the growth rate. J. Gen. Physiol., 1932, 15: 257-77. Also repr.—**Reed, H. S., & Dufrenoy, J.** Méthodes de calcul de la courbe théorique de la croissance des sarmets de vigne. C. rend. Acad. sc., 1934, 198: 1624-7.—**Retzlaff, E. G.** Studies in mass physiology: growth rate with the white mouse. J. Exp. Zool., 1939, 81: 343-56.—**Smith, A. H., & Bing, F. G.** Improved rate of growth of stock albino rats. J. Nutr., 1928-29, 1: 179-89.—**Woodruff, L. C.** The normal growth rate of *Blattella germanica* L. J. Exp. Zool., 1938, 79: 145-65.

— regenerative.

See also **Regeneration; Wound healing.**

ABELOOS, M. La régénération et les problèmes de la morphogénèse. 253p. 8° Par., 1932.

Cameron, J. A. The mitotic rate in tadpole skin after repeated injury. Biol. Bull., 1937, 72: 37-40.—**Ephrussi, B.** Action de l'extrait embryonnaire sur la vitesse de régénération des cultures du tissu. C. rend. Soc. biol., 1931, 106: 546-8.—**Godlewski, E., & Latnik, I.** [Ontogenetic and regenerative growth in the axolotl] Bull. internat. Acad. polon. sc. Cracovie, 1930, B 2, Zool., 79-105.—**Goetsch, W., & Hellmich, W.** Feldtheorie, Gradientenlehre und relative Determination. Biol. Zbl., 1931, 51: 373-9.—**Hammett, F. S., & Hammett, D. W.** The influence of sulphhydryl on the formation of aberrant disorganized overgrowths in the regeneration right chela of the hermit crab (*Pagurus longicarpus*) Protoplasm, Lpz., 1932-33, 17: 321-58.—**Jenkinson, J. W.** Relation of regeneration and developmental processes. Rep. Brit. Ass. Advance. Sc. (1910) 1911, 80: 636.—**Kollmann, M.** Courbes de croissance du bourgeon de régénération caudale des batraciens. C. rend. Soc. biol., 1927, 96: 309-11.—**Moise, T. S., & Smith, A. H.** Diet and tissue growth; the regeneration of liver tissue on various adequate diets. J. Exp. M., 1924, 40: 13-23, 2 pl.—**Morgulis, S.** Is regeneration a repetition of the ontogenetic and phylogenetic processes? Am. Natur., 1910, 44: 92-107.—**Münch, H.** Ueber Regeneration in der Frühentwicklung; Defektoperationen im Gebiet der frühembryonalen Schwanzanlage bei Amphibien. Arch. Entwmech., 1937-38, 137: 597-635.—**Needham, J.** Biochemistry and causal morphology in amphibian regeneration. Science Progr., Lond., 1936, 31: 41-54, 2 pl.—**Richardson, D.** Thyroid and pituitary hormones in relation to regeneration; the effect of anterior pituitary hormone on regeneration of the hind leg in normal and thyroidectomized newts. J. Exp. Zool., 1940, 83: 407-29, 2 pl.—**Schotté, O. E.** The origin and morphogenetic potencies of regenerates. Growth, Ithaca, 1939, 3: Suppl., 59-76.—**Smith, A. H., & Moise, T. S.** Diet and tissue growth: the regeneration of liver tissue during nutrition on inadequate diets and fasting. J. Exp. M., 1924, 40: 209-18.—**Stockard, C. R.** Studies of tissue growth; functional activity, form regulation, level of the cut, and degree of injury as factors in determining the rate of regeneration; the reaction of regenerating tissue on the old body. J. Exp. Zool., 1909, 6: 433-69, pl.—**Stolte, H. A.** Regeneration und Wachstum von Polyophthalmus pictus Duj. in Beziehung zum Problem der Zellkonstanz. Arch. Entwmech., 1929, 117: 562-85.—**Syngajewskaja, K.** Die Wachstumsgeschwindigkeit bei der Regeneration der Extremitäten bei *Sireon pisciformis*. Zool. Jahrb., Aht. allg. Zool., 1936, 56: 487-500.—**Vogt, W.** Ueber regeneratives und regulatives Wachstum (nach Defektversuchen an Schwanz und Schwanzknospe von Amphibienkeimen) Verh. Anat. Ges., 1931, 39: 141-5.—**Weitzmann, W. R.** L'origine du tissu de régénération chez les oligochètes et ses rapports avec le degré de développement de l'organisme. Arch. biol., Liège, 1937, 48: 513-28, pl.

— relative.

HUXLEY, J. S. Problems of relative growth. 276p. 8° Lond., 1932.

Backman, G. Relativität des Wachstums. Arch. Entwmech., 1933, 138: 59-68.—**Cousin, G.** Sur le calcul des coefficients de variabilité différentielle et leur application à l'analyse de l'hérédité de la dysharmonie de taille, et des gradients de croissance relative, chez *Gryllus bimaculatus* de Geer, Gr. campestria L. et leurs hybrides réciproques. C. rend. Acad. sc., 1940, 211: 113-5.—**Fischer, A., & Laser, H.** La croissance relative des tissus normaux et malins. C. rend. Soc. biol., 1927, 97: 1377-9.—**Hamai, I.** Relative growth in some bivalves. Tohoku Univ. Sc. Rep., 1935-36, 10: 753-65.

Sexuality of relative growth in the fresh-water mussel, *Inversidens japonensis* (Lea) Se. Rep. Tohoku Univ., 1937-38, 4, ser., 12: 467-73.—**—** Systematic relative growth in *Cypraea-Eranea-Pustularia-Talparia* group. Ibid., 1938-39, 4, ser., 13: 15-24.—**Hofmann, P. B.** Nomogramm zur Bestimmung der relativen Geschwindigkeit und der spezifischen Produktivität des tierischen Wachstums. Bull. biol. méd. exp. URSS, 1938, 6: 282-4, ch.—**Huxley, J. S.** Studies on heterogenic growth; the bimodal cephalic horn of *Xylotrupes gideon*. J. Genet., Lond., 1927-28, 18: 45-53.—**—** Notes on differential growth. Am. Natur., 1931, 65: 289-315.—**—** & **Teissier, G.** Terminologie et notation dans la description de la croissance relative. C. rend. Soc. biol., 1936, 121: 934-7. Also Biol. Zbl., 1936, 56: 381-3. Also Nature, Lond., 1936, 137: 780.—**Latimer, H. B.** The relative postnatal growth of the systems and organs of the chicken. Anat. Rec., 1925, 31: 233-53.—**Needham, J., & Lerner, I. M.** Terminology of relative growth-rates. Nature, Lond., 1940, 146: 618.—**Pérez, C.** Sur la terminologie de la croissance relative. C. rend. Soc. biol., 1936, 123: 1058.—**Riddle, O., Charles, D. R., & Cauthen, G. E.** Relative growth rates in large and small races of pigeons. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 1216-20.—**Schmalhausen, J.** Beiträge zur quantitativen Analyse der Formbildung; das Problem des proportionalen Wachstums. Arch. Entwmech., 1927, 110: 33-62.—**Teissier, G.** Sur l'indépendance relative de la croissance et des mûres chez les insectes. C. rend. Soc. biol., 1928, 98: 903-5.—**Wertheimer, E.** Stoffwechselregulation; über die Sonderstellung von Zellen mit stärkster Wachstumstendenz im Organismus. Arch. ges. Physiol., 1930, 225: 118-30.—**Weymouth, F. W., & MacKay, D. C. G.** Relative growth in the Pacific edible crab, *Cancer magister*. Proc. Soc. Exp. Biol., N. Y., 1934, 31: 1137-9.

— Theories, and laws.

HAMMETT, F. S. The nature of growth; a logistic inquiry. 59p. 8° Provincet., Mass. [1936]

Anuchin, A. V. Die inneren Gesetzmäßigkeiten des Wachstums. Bull. biol. méd. exp. URSS, 1936, 2: 29-31.—**Backman, G.** Das Wachstumsproblem. Erg. Physiol., 1932, 33: 883-973.—**—** Wachstumsverlauf und Wachstumsfunktionen. Skand. Arch. Physiol. Berl., 1932, 64: 127-70.—**—** Die Wachstumsgesetze. Ibid., 1933, 66: 109.—**—** Drei Wachstumsfunktionen (Verhulst, Gompertz, Backmans) Arch. Entwmech., 1938, 138: 37-58.—**Behrens, W. U.** Zur Widerlegung des Wirkungsgesetzes durch R. Meyer. Biochem. Ztschr., 1929, 204: 78-80.—**Bertalanffy, L.** Physikalisch-chemische Theorie des Wachstums; vorläufige Mitteilung. Biol. Zbl., 1933, 53: 639-45.—**—** Untersuchungen über die Gesetzmäßigkeit des Wachstums; allgemeine Grundlagen der Theorie; mathematische und physiologische Gesetzmäßigkeiten des Wachstums bei Wassertieren. Arch. Entwmech., 1934, 131: 613-52.—**Cohen, A., & Berrill, N. J.** Cell division and differentiation in the growth of specialized vertebrate tissues. J. Morph. Physiol., 1936, 60: 243-59.—**Cohn, A. E., & Murray, H. A., jr.** Physiological ontogeny; the present status of the problem. Q. Rev. Biol., 1927, 2: 469-93.—**Conklin, E. G.** Problems of development. Am. Natur., 1929, 63: 5-36. Also repr.—**Feller, W.** On the logistic law of growth and its empirical verifications in biology. Acta biotheor., Leiden, 1939-40, 5: 51-66.—**Fischer, E.** Beitrag zur Theorie des organischen Wachstums. Arch. Entwmech., 1928, 113: 18-60.—**Glaser, O.** Growth, time, and form. Biol. Rev. Cambridge Philos. Soc., 1938, 13: 20-58.—**Growth** no proof of living; chemicals can grow, too. Science News Lett., 1937, 32: 302.—**Herinza.** [Organic growth and decay] Ned. tsschr. geneesk., 1928, 72: pt. 2, 5084-96.—**Huxley, J. S.** Further work on heterogenic growth. Biol. Zbl., 1927, 47: 151-63.—**Krushinsky, L. V.** [Embryonic resemblance from the viewpoint of the law of individual development of the body] Usp. sovrem. biol., 1939, 11: 362-76.—**Ledent, R.** Quelques idées modernes sur la croissance. Liège méd., 1931, 24: 1165; 1197.—**Ludwig, W.** Vergleichende Untersuchung über Wachstums-gesetze. Biol. Zbl., 1929, 49: 735-58.—**Meakins, J. C.** Unveiling the mystery of growth. Med. J. Australia, 1937, 1: 935-44.—**Paulian, R.** Sur la relation de Lamarque-Smith chez les coléoptères. C. rend. Soc. biol., 1934, 116: 687-9.—**Peter, K.** Die finale Betrachtung der Entwicklungsbedingungen. Anat. Anz., 1935-36, 81: 318-33.—**Rammner, W.** Ueber die Gültigkeit des Brooksschen Wachstums-gesetzes bei den Cladoceen. Arch. Entwmech., 1930, 121: 111-27.—**Schmalhausen, I.** Die Wachstumskonstante bei den Haussäugetieren nebst Bemerkungen über die Theorie des organischen Wachstums. Ibid., 1928, 114: 144-54.—**—** Zur Wachstums-theorie. Ibid., 1929, 116: Teil 1, 567-603.—**—** Ueber Wachstumsformeln und Wachstums-theorien. Biol. Zbl., 1930, 59: 292-307.—**—** Das Wachstums-gesetz als Gesetz der progressiven Differenzierung. Arch. Entwmech., 1930, 123: 153-78.—**Shakel, U.** [Effect of function on the form] J. Physiol. USSR, 1936, 21: 1051.—**Snell, G. D.** An inherent defect in the theory that growth rate is controlled by an autocatalytic process. Proc. Nat. Acad. Sc. U. S., 1929, 15: 274-81.—**Spemann, H.** Neue Einsichten in das Wesen der tierischen Entwicklung. Internat. med. Woche Schweiz (1937) 1938, 3. Congr., 19-24.—**Streich, G., & Svetozarov, E.** [Laws in general development of birds in relation to external and internal factors] Biol. J., Moskva, 1937, 6: 283-98.—**Teissier, G.** Les lois élémentaires de la croissance. Ann. Soc. sc. méd.

natur. Bruxelles, 1933, Suppl., 1-42. — Les lois quantitatives de la croissance. *Ann. physiol., Par.*, 1936, 12: 527-86. — A propos des lois de la croissance; dernières remarques. *Skand. Arch. Physiol., Berl.*, 1933, 66: 104; 111. — Van Cleave, H. J. Eutely or cell constancy in its relation to body size. *Q. Rev. Biol.*, 1932, 7: 59-67.

tissue.

See also Tissue culture.

- Anson, M. L., & Mirsky, A. E. The growth of tissue in vitro. In *Student's Rep. Dep. Anat. Coll. Physicians & Surgeons N. York*, 1923, 41-7. — Bohuslav, P. Ein Beitrag zur Wirkung der kapillaren Tension auf die Organisation des Gewebewachstums in vitro. *Arch. exp. Zellforsch.*, 1934, 15: 200-2. — Brandenburg, K. Neuere Untersuchungen amerikanischer Forscher über das Wachstum von gezüchteten überlebenden Gewebe. *Med. Klin., Berl.*, 1924, 20: 18. — Buch Andersen, E., & Fischer, A. Ueber die Wachstums- und Hemmungsfunktion bei Gewebekulturen in vitro. *Arch. Entwemch.*, 1928, 114: 26-53. — Bullock, F. D. Notes on the growth of tissues under experimental conditions. In *Studies in cancer* (Crocker Res. Fund), N. Y., 1913, 3: 59-61. — Carleton, H. M., & Haynes, F. Note on the effect of chloroform and ether on the growth of tissue cultures. *Arch. exp. Zellforsch.*, 1927, 5: 111-3. — Cary, W. E. Growth of tissue in vitro. *Tr. Chicago Path. Soc.*, 1919-23, 11: 409-12. — Cell and tissue growth. *Rep. M. Res. Council, Lond.*, 1933-34, 110-4. — Chrutschoff, G. K. Ueber die Ursachen des Gewebewachstums in vitro; die Quellen der mitogenetischen Strahlen in Gewebekulturen. *Arch. exp. Zellforsch.*, 1929-30, 9: 203-13. — Craciun, E. C., & Sorescu, A. L'action d'un sérum anticephalique sur la croissance des tissus in vitro. *Arch. roumain. path., Par.*, 1930, 3: 433-46. — Daelis, F., & Deleuze, [The autoplasmic phenomenon of tissue growth] *Geneesk. tschr. Belgie*, 1913, 4: 141-8. — Des Ligneris, M. J. A. Studies on cell growth; serum cultures of young and adult mammalian tissues and their relation to growth processes in vivo. *Pub. S. Afr. Inst. M. Res.*, 1927-28, 3: 257-384, 34 pl. — Doljanski, L., Goldschmidt, J., & Hoffman, R. Etude comparative sur la durée de la période de latence pour la croissance de différents tissus et organes d'une poule adulte in vitro. *C. rend. Soc. biol.*, 1937, 126: 744. — Doljanski, L., Palevitch, M., & Goldschmidt, J. Etude comparative sur la durée de la période de latence pour la croissance de tissus adultes in vitro pendant différentes périodes du développement postembryonnaire. *Ibid.*, 1940, 133: 56-8. — Ephrussi, B. Vitesse de croissance et vitesse de régénération des cultures de tissus in vitro. *Ibid.*, 1931, 106: 274-7. — Sur les facteurs limitant l'accroissement des cultures des tissus in vitro. *C. rend. Acad. sc.*, 1931, 192: 1763-5. — Croissance et régénération dans les cultures des tissus. *Arch. anat. micr., Par.*, 1933, 29: 95-159. — & Litvae, A. Quelques résultats de la statistique des mitoses dans les cultures d'épithélium rénal du lapin. *Arch. exp. Zellforsch.*, 1934, 16: 203-20. — Ephrussi, B., & Teissier, G. Etude quantitative de la croissance des cultures de tissus; la croissance résiduelle. *Ibid.*, 1932, 13: 1-29. — Feringa, K. J., & Haan, J. de. On the influence of changes of medium on the mode of growth of perfused cultures of migrating cells. *Ibid.*, 1934, 15: 109-12. — Also repr. — Fischer, A. The growth of tissue cells from warm-blooded animals at lower temperature. *Ibid.*, 1925-26, 2: 303-5. — Freifeld, H., & Ginsburg, A. Wirkung des Anilins auf Gewebekulturen mit histotypischem Wachstum; organoides Wachstum von Nervengewebe, Milz und Leber. *Ibid.*, 1930, 10: 128-41, pl. — Gaillard, P. J. Developmental changes in the composition of the body fluids in relation to growth and differentiation of tissue cultures. *Protoplasma, Lpz.*, 1935, 23: 145-71. — Gauthier, R. Caractères anatomiques de fragments de tubercules de carotte cultivés in vitro. *C. rend. Soc. biol.*, 1938, 127: 259-62. — Goldschmidt, J., Hoffman, R., & Doljanski, L. Etude comparative sur la durée de la période de latence pour la croissance des tissus embryonnaires et adultes explantés in vitro. *Ibid.*, 1937, 126: 389-92. — Grossfeld, H. Zentrifugenversuche mit wachsenden Gewebekulturen. *Zschr. Zellforsch.*, 1933-34, 20: 730-46. — Guidetti, E. Azione dei lipidi embrionali sull'accrescimento delle culture di tessuti in vitro. *Arch. ital. med. sper.*, 1939, 4: 879-82. — Haan, J. de, & Feringa, K. J. On the possibility to force the growth of perfused cultures in the direction of an adenoid (or hemopoietic) system. *Arch. exp. Zellforsch.*, 1934, 15: 106-8. — Havard, R. E., & Kendal, L. P. The effect of the oxidation-reduction potential of the medium on the growth of tissue cultures. *Biochem. J., Lond.*, 1934, 28: 1121-30, pl. — Heim, K. Lebens- und Wachstumsbeobachtungen an menschlichen Geweben und Geschwülsten im Explantationsversuch und ihre Bedeutung für klinische Fragen. *Arch. Gyn., Berl.*, 1928, 134: 250-309. — Hubert, R. Der Einfluss der Röntgenstrahlen auf die energiefördernden Reaktionen des wachsenden Gewebes. *Arch. ges. Physiol.*, 1929, 223: 333-50. — Huzella, T., & Lengyel, J. Orientation de la croissance des cultures de tissus sur la trame fibrillaire artificielle coagulée de la solution de collagène A (Nageotte) par les forces de la cristallisation. *C. rend. Soc. biol.*, 1932, 109: 515-8. — Huzella, T., & Lengyel, J. Formation of tissue-growth by dynamical effects of crystallisation. *Magy. orv. arch.*, 1932, 33: 163-9. — Jazmirska-Krontowska, C. Influence du potassium et du calcium sur la croissance et le métabolisme des tissus in vitro. *Ibid.*, 1930, 103: 1182. — Kaufman, L. Effet du jus embryonnaire hétérogène sur la rapidité d'émigration des cellules et les premiers stades de croissance des cultures de tissus. *C. rend. Acad. sc.*, 1926, 183: 370-2. — Kimura, R. Ueber Einflüsse der Zellstoffwechselprodukte auf das Gewebewachstum in vitro. *Arch. exp. Zellforsch.*, 1928, 7: 98-101. — Kimura, T. Studien über das Wachstum des im künstlichen Nährboden kultivierten Gewebes. *Jap. J. M. Sc.*, 1938, 5: Proc. Biophysics, 18. — Kneke, E. Weitere Untersuchungen über die gewebsspezifische Beeinflussung des Wachstums durch oberflächenaktive, quellende und hypotonische Substanzen. *Deut. Zschr. Chir.*, 1933-34, 242: 655-74. — Krontowski, A. Type général de la dynamique chimique des cultures de tissus et de la croissance régénérative et néoplasique. *C. rend. Soc. biol.*, 1929, 102: 523-5. — Bereschanski, P. G., & Majewski, M. M. Untersuchungen über Oberflächenaktivität der beim Wachstum und Zerfall der Gewebe in vitro gebildeten Substanzen. *Arch. exp. Zellforsch.*, 1927, 4: 85-110. — Lengyel, J. [The effect of magnetic force on the formation of fibrils and on tissue growth] *Magy. orv. arch.*, 1933, 34: 447-51. — Also *Arch. exp. Zellforsch.*, 1933, 14: 255-64. — Lewis, W. H. Some contributions of tissue culture to development and growth. *Growth, Ithaca*, 1939, 3: Suppl., 1-14. — Lipmann, F. Versuche zur Methodik der Messung des Zuwachses in vitro wachsender Gewebe durch Messung des Umsatzanstiegs. *Biochem. Zschr.*, 1932, 245: 177-86. — Macdougald, T. J., & Gatenby, J. B. Growth zone cytology in tissue cultures. *Arch. exp. Zellforsch.*, 1935, 17: 325-34, pl. — Mayer, E. Die Grundlagen der Wachstumsmessungen an Gewebekulturen. *Ibid.*, 1930, 10: 221-59. — Formbildung und Wachstum von gezüchteten Zellverbänden (Reinkulturen) Beiträge zur allgemeinen Entwicklungsphysiologie. *Arch. Entwemch.*, 1933, 130: 382-194. — Experiments on the limit of growth in tissue cultures. *Skand. Arch. Physiol., Berl.*, 1935, 72: 249-58, pl. — Mossa, S. Ulteriori studi sulla velocità di accrescimento dei neuriti coltivati in vitro in funzione della temperatura ambiente. *Arch. exp. Zellforsch.*, 1927, 4: 188-205. — Oliva, O. M. Capacità di accrescimento illimitato di culture di poche cellule. *Boll. Soc. ital. biol. sper.*, 1930, 5: 101-3. — Das qualitative und quantitative Wachstum der Gewebe in vitro und dessen Faktoren. *Arch. exp. Zellforsch.*, 1931, 11: 272-94. — Potenzialità di accrescimento di poche cellule somatiche isolate. *Arch. ital. anat.*, 1932-33, 30: 211. — & Delorenzi, E. Ricerche sulla velocità di accrescimento delle cellule e degli organi; coefficiente mitotico dell'accrescimento, distribuzione topografica e cronologica delle mitosi e durata dell'intercinesi nella zona di migrazione delle culture in vitro ricavata dall'osservazione diretta. *Arch. exp. Zellforsch.*, 1932, 13: 221-57. — Prat, H. Régime de l'élongation et de maturation des tissus dans les chaumes en croissance. *Proc. Internat. Physiol. Congr.* (1935) 1938, 15. Congr., 77. — Pybus, F. C., & Fawns, H. T. The effect of variations in the media on the growth of normal and malignant tissues in vitro. *J. Path. Bact., Edinb.*, 1931, 34: 39-44. — Roffo, A. H. El crecimiento in vitro de tejidos de distinta especie y en oposición. *Bol. Inst. med. exp. cáncer, B. Air.*, 1926, 2: 5-8, 4 pl. — Influencia de los autoaislados sobre el desarrollo de los tejidos normales y neoplásicos in vitro. *Ibid.*, 1927-8, 1: 707-841. — Also repr. — Relación de la colesteraína con el crecimiento de los tejidos normales y neoplásicos in vitro. *Prensa méd. argent.*, 1926-27, 13: 951-4. — Also repr. — La insulina sobre el desarrollo de tejidos normales y neoplásicos in vitro. *Ibid.*, 1928, 15: 720-5. — Inhibición del crecimiento de los tejidos in vitro por el anhídrido carbónico. *Bol. Inst. med. exp. cáncer, B. Air.*, 1931, 8: 53-8. — Die Wirkung der Lichtstrahlen auf die Entwicklung normaler und neoplastischer in vitro gezüchteter Zellen. *Strahlentherapie*, 1935, 52: 525-30. — & Roffo, A. E., jr. Cromoacción sobre el desarrollo de tejido normal y neoplásico cultivados in vitro. *Bol. Inst. med. exp. cáncer, B. Air.*, 1934, 11: 5-16, 5 pl. — Roffo, A. H., & Villanueva, J. La influencia de los colorantes sobre el desarrollo de las culturas in vitro de tejidos normales y neoplásicos; acción de la eosina. *Ibid.*, 1924-25, 1: 562-70, 12 pl. — Estudio sobre la acción de los productos aislados de los autoaislados de órganos normales y de tumor sobre el desarrollo de los cultivos de tejido in vitro. *Ibid.*, 1929, 5: 449-624. — Rondinini, R. Velocità di accrescimento delle cellule gangliari di *Mus musculus*. *Monit. zool. ital.*, 1933, 44: Suppl., 63-9. — Sato, T. Der Einfluss von synthetisch dargestelltem Thyroxin auf das Wachstum von gezüchtetem Gewebe. *Acta Scholae med. Univ. Kioto*, 1930, 13: 39-44. — Shamov, V. N. [Growth of living tissues outside the organism] *Russ. vrach.*, 1912, 11: 2043-8. — Simms, H. S., & Stillman, N. P. Substances affecting adult tissue in vitro; a growth inhibitor in adult tissue. *J. Gen. Physiol.*, 1936-37, 20: 621-9. — Soloviev, B. M., & Pinus, A. A. Influence de la terre à diatomées sur la croissance des cultures de tissus. *C. rend. Soc. biol.*, 1928, 99: 546. — Strangeways, T. S. P., & Fell, H. B. Experimental studies on the differentiation of embryonic tissues growing in vivo and in vitro; the development of the undifferentiated limb bud; when subcutaneously grafted into the post-embryonic chick and when cultivated in vitro. *Proc. R. Soc., Lond.*, 1926-27, ser. B, 99: 304-66, 5 pl. — Tatarinov, E. A., Glosman, O. S., & Schmidt, B. N. [Effect of bacteria on the growth of tissue cultures in vitro] *Vest. mikrob.*, 1931, 10: 123-39, 2 pl. — Thomson, D. Controlled growth en masse (somatic growth) of embryonic chick tissue in vitro. *Proc. R. Soc. M., Lond.*, 1913-14, 7: Marcus Beck Lab. Rep., 71-4, pl. — Törö, I. [Organ-like growth of cultures of intestinal tissues] *Magy. orv. arch.*, 1930, 31: 161-70. — Also *Arch. exp. Zellforsch.*,

1929-30, 9: 285-96.—Uei, K. Ueber den Einfluss verschiedener Pharmaka auf das Wachstum der Gewebeskultur aus der embryonalen Hühnerherzkammer. *Pol. jap. pharm.*, 1926, 2: [Brev.] 12.—Walton, A. J. Variations in the growth of adult mammalian tissue in autogenous and homogenous plasma. *Proc. R. Soc., Lond.*, 1914, 87: ser. B, 452-60, 2 pl.—Watchorn, E., & Holmes, B. E. Studies in the metabolism of tissues growing in vitro. *Biochem. J., Lond.*, 1931, 25: 843-8.—Weiss, P. Experimentelle Organisation des Gewebewachstums in vitro. *Biol. Zbl.*, 1928, 48: 551-66. —Erzwingung elementarer Strukturverschiedenheiten am in vitro wachsenden Gewebe (die Wirkung mechanischer Spannung auf Richtung und Intensität des Gewebewachstums und ihre Analyse) *Arch. Entwmech.*, 1929, 196: Teil 1, 438-554.—Zakrzewski, Z. Die Züchtung von Geweben in Serum mit besonderer Betonung der Beziehung zwischen Zellwachstum und Zelldifferenzierung. *Arch. exp. Zellforsch.*, 1934, 15: 113-20.—Zweibaum, J. Sur l'action du plasma vieillissant sur la croissance du tissu cultivé in vitro. *Verh. Anat. Ges.*, 1937, 44: 134.

unicellular.

See also Cell-division; also names of cell-types and microorganisms.

Caldwell, L. The production of inherited diversities at endomixis in *Paramecium aurelia*. *J. Exp. Zool.*, 1933, 66: 371-407.—Castle, E. S. The distribution of velocities of elongation and of twist in the growth zone of *Phycomyces* in relation to spiral growth. *J. Cellul. Physiol.*, 1936-37, 9: 477-89.—Darby, H. H. Studies on growth acceleration in protozoa and yeast. *J. Exp. Biol., Lond.*, 1930, 7: 308-16.—Efimov, M. I. Kann der Entwicklungsgang junger Blastomzellen durch Übertragung auf die Amputations-Wundfläche eines anderen Organs verändert werden? *Bull. biol. méd. exp. URSS*, 1938, 6: 75-8.—Glaser, O., & Child, G. P. The hexoctahedron and growth. *Biol. Bull.*, 1937, 73: 205-13.—Growing cells. *Nurs. Times, Lond.*, 1934, 30: 794.—Increase (A) in the rate of growth of *Paramecium* subjected to 3:4-benzpyrene. *Annual Rep. Brit. Empire Cancer Campaign*, 1940, 17: 97.—Laser, H. Ueber Zellverbindungen in vitro als Vorbedingung für Zellwachstum. *Arch. exp. Zellforsch.*, 1925, 1: 125-9.—Macedougl, D. T. The distinctive agencies in the growth of the cell. *Proc. Soc. Exp. Biol., N. Y.*, 1921-22, 19: 103-10.—Martin, D. S. The oxygen consumption of *Escherichia coli* during the lag and logarithmic phases of growth. *J. Gen. Physiol.*, 1932, 15: 691-708.—Mayo, C. H. Laws of cell growth. *Surg. Gyn. Obst.*, 1930, 50: 163-6.—Prät, S. Local accumulation of the cell content and growth. *Protoplasma*, Lpz., 1934, 21: 181-90.—Rahn, O. Chemistry of cell growth. In *Sympos. Quant. Biol.*, 1934, 2: 57-69.—Schmalhausen, I., & Synniewskaja, F. Studien über Wachstum und Differenzierung; die individuelle Wachstumskurve von *Paramecium caudatum*. *Arch. Entwmech.*, 1925, 105: 711-7.—Schopfer, W. H. Recherches sur l'utilisation des facteurs de croissance par un microorganisme: la synthèse biologique des facteurs de croissance. *Arch. Mikrob., Berl.*, 1935, 6: 196-207.—Scott, W. J. The growth of micro-organisms on ox muscle; the influence of water content of substrate on rate of growth at 15° C. *J. Comp. C. Indust. Res., Melb.*, 1936, 9: 177-90.—Weill, L. Zellulare Entwicklungsmechanik. *Meschr. Geburtsh. Gyn.*, 1926, 72: 40; 184.—Wermel, E. M., & Portugalow, W. W. Studien über Zellengrösse und Zellenwachstum; über den Nachweis des rhythmischen Zellenwachstums. *Zschr. Zellforsch.*, 1934-35, 22: 185-94.—Woerdeman, M. W. (Observations on normal cell growth) *Ned. tschr. geneesk.*, 1921, 65: pt 2, 2268-376.

Variation.

JOACHIMSEN, H. *Wachstumsbeeinflussung von Bohnenkeimlingen durch kurze elektrische Wellen. 19p. 23cm. Kiel, 1934.

RITZMANN, W. [K. H.] *Wodurch wirken Röntgenstrahlen hemmend auf das Wachstum? [Greifswald] 24p. 21cm. Schmiedeberg i. R., 1938.

Anderson, B. G., Lumer, H., & Zupancic, L. J., jr. Growth and variability in *Daphnia pulex*. *Biol. Bull.*, 1937, 73: 444-63.—Atzeni Tedesco, P. Sviluppo sessuale e morfologia corporea. *Monit. zool. ital.*, 1933, 44: Suppl., 217-23.—Bauer, K. Wachstum und Differenzierung in der Ontogenese unter physiologischen und pathologischen Bedingungen. *Verh. Deut. path. Ges.*, 1935, 28: 85-91.—Becker, E. R., & Everett, R. C. Comparative growths of normal and infusoria-free lambs. *Am. J. Hyg.*, 1930, 11: 362-70.—Beznák, A., & Sarkady, L. [The influence of work on the growth curve and organ-weights of albino rats] *Margy. orv. arch.*, 1934, 35: 97-103. Also *Arch. ges. Physiol.*, 1934, 234: 157-63.—Bogart, R. Sperling, G. [et al.] The influence of reproductive condition upon growth in the female rat. *Am. J. Physiol.*, 1939-40, 128: 355-71.—Bonnet, R., & Jacquot, R. Influence des antioxygènes, du bleu de méthylène et du dinitrophénol sur la croissance du *Sterigmatoecystis nigra*. *Bull. Soc. chim. biol., Par.*, 1936, 18: 1850-70.—Cole, H. H., & Hart, G. H. The effect of pregnancy and lactation on growth in the rat. *Am. J. Physiol.*, 1938, 123:

589-97.—Corey, E. L. Development of the fetal rat following electrocautery of the brain. *Ibid.*, 1936, 115: 599-603.—Coulon, A. de, & Ugo, A. Facteur atmosphérique influant la croissance des souris. *C. rend. Soc. biol.*, 1933, 114: 26-8.—Donaldson, H. H., & Meeser, R. E. On the effect of exercise beginning at different ages on the weight of the musculature and of several organs of the albino rat. *Am. J. Anat.*, 1933, 53: 403-11.—Enzmann, E. V. Intrauterine growth of albino mice in normal and in delayed pregnancy. *Anat. Rec.*, 1935-36, 62: 31-45.—Gessner, F. Untersuchungen über die wachstumshemmende Wirkung der Röntgenstrahlen. *Biol. Zbl.*, 1934, 54: 567-87.—Hammett, F. S., & Comee, R. The growth reaction of *Obelia geniculata* to D(-)-threonine. *Growth*, Ithaca, 1940, 4: 139-43.—Hankó, B. Ueber den Einfluss einiger Lösungen auf die Häutung, Regeneration und das Wachstum von *Asellus aquaticus*. *Arch. Entwmech.*, 1912, 34: 477-88.—Hanson, F. B., & Heys, F. Differences in the growth curves of albino rats born during the 4 seasons of the year under uniform laboratory conditions. *Anat. Rec.*, 1926-27, 35: 83-9.—Harrower, H. R. Seasonal variations in the rate of growth in relation to diet and endocrine glands. *Med. J. & Rec.*, 1931, 133: 497-9.—Hykes, O. V. Effet de l'action simultanée des émanations de radium et de l'absorption de glande thyroïde sur la croissance et la métamorphose des tétards. *C. rend. Soc. biol.*, 1936, 121: 1643-6.—Karczag, L., Paunz, L., & Roboz, P. Experimentell-pathologische Untersuchungen mit Hilfe der Vitalchioskopie; über die Beeinflussung des Wachstums und Ernährungszustandes durch elektropische Farbstoffe. *Zschr. ges. exp. Med.*, 1924, 41: 80-3.—Knudson, A., & Schaible, P. J. The effect of exposure to an ultrahigh frequency field on growth and on reproduction in the white rat. *Arch. Path., Chic.*, 1931, 11: 723-7.—Kopéc, S. Ueber den Geschlechtsdimorphismus im Wachstum der reifen Mäuse, auf Grund der von Tag zu Tag auftretenden Gewichtsschwankungen. *Arch. Entwmech.*, 1938, 138: 259-70.—Kubo, H. The correlation between pathological growth of tissue of different character (inflammatory tissue and tumor implantation) inflammatory tissue and implantation of chondroma of fowl. *J. Orient. M., Dairen*, 1926, 5: 15.—Picado, C. Effets des injections de sérum homologue sur la croissance de jeunes animaux. *C. rend. Soc. biol.*, 1929, 102: 755. Also *Ann. Inst. Pasteur, Par.*, 1930, 44: 584-603.—Poos, F., & Walter, H. Experimentelle Studie über das Verhalten des Bulbus und Skelettsystems unter dem Einfluss einer in Richtung und Grösse veränderten Schwerkraft (Zentrifugalwirkung) während des Wachstums. *Virchows Arch.*, 1930-31, 279: 671-83.—Popov, N. A., Ivanov, B. G., & Kudrjavcev, A. A. Zur Frage des Einflusses der Entfernung des Grosshirns bei Ratten auf das Wachstum. *Arch. ges. Physiol.*, 1930, 225: 643-7.—Raspi, M. Azione di disintegrati vari sull'accrescimento corporeo. *Riv. clin. pediatri.*, 1927, 25: 750-8.—Reed, H. S. Intra-seasonal cycles of growth. *Proc. Nat. Acad. Sci. U. S.*, 1928, 14: 221-9.—Roffo, A. E., jr. Variaciones del peso de la rata blanca durante su crecimiento estando eléctricamente conectada o aislada de la tierra. *Bol. Inst. med. exp. cáncer, B. Air.*, 1938, 15: 33-63.—Rottier, P. B. Recherches sur les courbes de croissance de *Polytoma uvella*; l'influence de l'oxygénation. *C. rend. Soc. biol.*, 1936, 122: 65-8.—Schneider, P. Sur la variabilité du *Brachionus pala Ehrenberg* dans les conditions expérimentales. *Ibid.*, 1937, 125: 450-2.—Shelton, E. K., Cavanaugh, L. A., & Long, M. L. Studies on the effect of human blood serum upon the growth of the rat. *Endocrinology*, 1935, 19: 543-8.—Teplakova, M. Ia. [Ontogeny of the cell and mechanism in the development; formation of a whole in a traumatic (cauterization) area in *Hydra*] *Biol. J. Moskva*, 1937, 6: 563-80.—Te Winkel, L. E. A study of *Mistichthys luzonensis* with special reference to conditions correlated with reduced size. *J. Morph.*, 1935, 58: 463-536, 13 pl.—Turner, C. E., & Nordstrom, A. Extent and seasonal variations of intermittency in growth. *Am. J. Pub. Health*, 1938, 28: 499-505.—Viehöver, A. Control of growth in plants and animals. *Am. J. Pharm.*, 1925, 97: 726-45.—Wulzen, R. The growth-promoting power of egg for planarian worms. *Proc. Soc. Exp. Biol., N. Y.*, 1929-30, 27: 233.

Variation: Climate, and environment.

Adolph, E. F. The size of the body and the role of the environment in the growth of tadpoles. *Biol. Bull.*, 1931, 61: 350-75.—Bamberger, P. Ueber Einflüsse der Ernährung und der Umwelt auf wachsende Tiere, Depot- und Zellfett. *Zschr. Kinderh.*, 1927, 44: 556-75.—Beninde, J. Klima und Körpergrösse bei Warmblütern (Neues zum Verständnis der sogenannten Bergmannschen Regel) *Med. Klin., Berl.*, 1938, 34: 1714.—Boas, F. Influence of heredity and environment upon growth. In his *Race Language & Cult.*, N. Y., 1940, 82-5.—Goldschmidt, R. Untersuchungen zur Genetik der geographischen Variation; die geographische Variation der Entwicklungsgeschwindigkeit und des Grössenwachstums. *Arch. Entwmech.*, 1933, 130: 266-339.—Gregory, L. H. Effects of changes in medium during different periods in the life history of *Uroleptus mobilis*. *Biol. Bull.*, 1926, 51: 179-88.—Grüth, W. H. Environmental and nutritional factors affecting the growth of rats on diets containing sodium benzoate. *J. Biol. Chem.*, 1928, 78: p. xxiv.—Hammett, F. S., & Rivard, D. The influence of extra-alkaline sea-water on the developmental growth of *Obelia geniculata*. *Growth*, Ithaca, 1940, 4: 101-5.—Ibsen, H. L. Prenatal growth in guinea-pigs, with special reference to environmental factors affecting weight at birth. *J. Exp. Zool.*, 1928, 51: 51-91, ch.—Labbé, A. Contributions

à l'étude de l'allélogénèse; croissance et environnement: essai d'une théorie des adaptations. *Bull. biol. France*, 1926, 60: 1-87.—Ogle, C. Climatic influence on the growth of the male albino mouse. *Am. J. Physiol.*, 1934, 107: 635-40. Also repr.—Podhradsky, J. Ueber den Einfluss des Lebensraumes auf das Wachstum der Tiere. *Arch. Entwmech.*, 1932, 127: 251-82.—Scheer, K. Ueber den Einfluss der (H) auf das Wachstum von Kaulquappen. *Klin. Wschr.*, 1926, 5: 2161.—Wingfield, C. A. The effect of certain environmental factors on the growth of brown trout, *Salmo trutta* L. *J. Exp. Biol.*, Lond., 1940, 17: 435-48.

Variation: Diet.

See also Deficiency disease; Vitamin; Vitamin A, &c.

BARRE, L. Croissance et carence alimentaire. 127p. 8° Par., 1923.

BLARY, R. P. R. J. *Quelques essais pour l'étude de l'influence de l'alimentation de la mère sur la croissance du jeune [Alfort] 72p. 8° Par., 1928.

BRÜNESHOLZ, H. *Experimentelle Untersuchungen über die Beeinflussung des Wachstums und des Glykogenstoffwechsels der weissen Ratte durch das isolierte B₁₂-Vitamin und das Laktosflavin [München] 26p. 21cm. Bottrop i. W., 1937.

JACKSON, C. M. The effects of inanition and malnutrition upon growth and structure. 616p. 8° Phila. [1925]

SPEIRS, M. *Calcium and phosphorus retention in growth in relation to the form of carbohydrate in the food [Columbia Univ.] p.211-8. 8° N. Y., 1935.

Beard, H. H. Studies in the nutrition of the white mouse. *Am. J. Physiol.*, 1925-26, 75: 645, 658, 668, 682.—Bělehrádek, J., & Stoklasa, J. [Research on the stimulation of the growth by feeding with fatigued muscle] Spisy Lek. Fak. Masaryk. Univ., 1930, 8: 89-97, S. A. 75.—Bilewicz, S. Untersuchungen über den Einfluss des Hungers auf das Wachstum von Kaulquappen, nebst einigen Futterversuchen. *Zschr. vergl. Physiol.*, 1938-39, 26: 90-6.—Bowen, W. J. The effects of vanadium, manganese, and iron on the growth of *Chilomonas paramecium*. *Am. J. Physiol.*, 1939, 126: 439.—Brüning, H. Untersuchungen über das Wachstum von Tieren jenseits der Säuglingsperiode bei verschiedenartiger künstlicher Ernährung. *Jahrb. Kinderh.*, 1914, n. F., 29: 305-19.—Burgi, E. Die Pflanzenfarbstoffe und das Wachstumsvitamin A. *Deut. med. Wschr.*, 1930, 56: 1650-2.—Burns, C. M. The effect of the continued ingestion of mineral acid on growth of body and bone and on the composition of bone and of the soft tissues. *Biochem. J.*, Lond., 1929, 23: 860-7.—Cailleau, R. L'activité de quelques substances voisines de la vitamine C, envisagées comme facteurs de croissance pour le flagellé *Eutrichomonas colubrorum*. *C. rend. Soc. biol.*, 1939, 131: 964-6.—Caro, L. de. L'énergie de croissance, rendement énergétique comparé de divers glucides dans le développement des souris. *Bull. Soc. chim. biol.*, Par., 1928, 10: 456-60.—Clarke, M. F., & Smith, A. H. Recovery following suppression of growth in the rat. *J. Nutr.*, 1938, 15: 245-56.—Conrad, R. M., & Berg, C. P. Growth on histidine and lysine administered by subcutaneous or intraperitoneal injection. *Ibid.*, 1937, 14: 35-43.—Cox, G. J., & Berg, C. P. The comparative availability of d- and l-histidine for growth. *J. Biol. Chem.*, 1934, 107: 497-503. Also repr.—Dawbarn, M. C. The growth and the maintenance of white mice fed upon synthetic diets. *Austral. J. Exp. Biol.*, 1928, 5: 149-69.—Dodel, P., & Jouve, P. Action des chlorures de manganèse, de calcium, de sodium et de magnésium, sur la croissance globale et la croissance morphogène des larves d'amphibiens (*Rana temporaria*). *C. rend. Soc. biol.*, 1930, 104: 1150.—Eckert, F. Untersuchungen über die Teilungszone von *Stylaria lacustris* L.: der Einfluss der Nahrungsaufnahme auf die Geschwindigkeit des Zonenwachstums. *Zool. Jahrb.*, Abt. allg. Zool., 1934-35, 54: 89-118.—Euler, H. von, & Virgin, E. Ueber den Einfluss von Magnesiumsalzen auf das Wachstum von Ratten bei konstanter Carotin-Eingabe. *Biochem. Zschr.*, 1932, 249: 393.—Fishman, J. B., & White, A. The availability of dl-amino-n-methylhistidine for growth. *J. Biol. Chem.*, 1936, 113: 175-9.—Francis, L. D., Smith, A. H., & Mendel, L. B. Growth of rats fed high protein rations supplemented by different amounts and combinations of vitamins; B (B₁), G (B₂), and B complex. *J. Nutr.*, 1933, 6: 493-505.—Fridericia, L. S. [Some newer experimental investigations on the influence of nutrition upon growth] *Bibl. læger.*, 1917, 109: 113-28.—Galamini, A. Valore del glutine e di derivati di farina di frumento sull'accrescimento dei ratti albini. *Boll. Soc. ital. biol. sper.*, 1929, 4: 386-8.—Graham, C. E., & Griffith, W. H. Studies on growth; the effect of vitamins B and G on the consumption and utilization of food. *J. Nutr.*, 1933, 6: 195-204.—Griffith, W. H. Nutritional factors affecting growth of rats on diets containing sodium benzoate. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 858-60.

Studies on growth; B and G avitaminosis in cecetomized rats. *J. Nutr.*, 1935, 10: 667-74. ——— Studies on growth, the vitamin B and G content of the body tissues of normal and experimental rats. *Ibid.*, 675-82.—Guastalla, R., & Rigoletti, L. Iponutrizione di lunga durata e rinutrizione di giovani ratti albini. *Arch. sc. med.*, Tor., 1935, 59: 193-228.—György, P. Die Beziehungen des Wachstums und der Resistenz zu den Vitaminen. In *Enzykl. klin. Med.* (Langstein, Van Norden [et al.]) 1927, 521-38.—Hall, R. P. Effects of carbohydrates on growth of *Euglena anabaena* var. minor in darkness. *Arch. Protistenk.*, 1934, 82: 45-50.—Hammett, D. W., & Hammett, F. S. The growth reaction of embryonic marine forms to sulphydryl and sulfoxide. *Protoplasma*, Lpz., 1932, 16: 59-70.—Hammett, F. S. Growth recovery after inhibition by lead. *Brit. M. J.*, 1929, 1: 896. ——— The influence of sulphydryl and its suboxidized derivatives on the developmental cycle of hydrants of the genus *Obelia*. *Protoplasma*, Lpz., 1933, 19: 510-40.—Hartwell, G. A. Growth and reproduction on synthetic diets. *Biochem. J.*, Lond., 1926, 20: 1273-8.—Hentschel, H. Ueber allgemeine Wachstumsheimmung durch experimentelle Beeinflussung des Kohlehydratabbaues. *Klin. Wschr.*, 1928, 7: 1086-8.—Hoeslin, H. von. Das Wachstum unter dem Einfluss verschiedener Nahrungsmenge. *Zschr. Biol.*, 1926, 85: 175-94. ——— Wachstum unter dem Einfluss verschiedener Art der Nahrung. *Ibid.*, 1936, 97: 229-43.—Ingle, L., Wood, T. R., & Banta, A. M. A study of longevity, growth, reproduction and heart rate in *Daphnia longispina* as influenced by limitations in quantity of food. *J. Exp. Zool.*, 1937, 76: 325-52.—Inouye, I. Experimentelle Studien über den Einfluss der Nahrungsstoffe auf den wachsenden Organismus. *Fukuoka acta med.*, 1933, 26: 17-20.—Jackson, C. M. Structural changes when growth is suppressed by undernourishment in the albino rat. *Am. J. Anat.*, 1932, 51: 347-79. Also repr.—Karitz, H. R., & Dammann, E. Ist das Vitamin C allein entscheidend für den Wachstumsindex? ein Beitrag zum Problem Kochprozess. *Deut. med. Wschr.*, 1940, 66: 7-9.—Keeton, R. W., MacKenzie, H. [et al.] The influence of varying amounts of carbohydrate, fat, protein and water on the weight loss of dogs in undernutrition. *Am. J. Physiol.*, 1931, 96: 473-90.—Kennedy, C., & Palmer, L. S. The fundamental food requirements for the growth of the rat; yeast and yeast fractions as a supplement to synthetic rations. *J. Biol. Chem.*, 1928, 76: 591-606. ——— Coprophagy as a factor in the nutrition of the rat. *Ibid.*, 607-22.—Flatt, B. Fütterungsversuche an Tritonen; Allgemeines; Wachstumsverhältnisse; Darmlänge. *Arch. Entwmech.*, 1926, 107: 314-28.—Kochmann, M., & Maier, L. Beiträge zur Biochemie der Kieselsäure; Einfluss der Kieselsäure auf das Körpergewicht wachsender Ratten. *Biochem. Zschr.*, 1930, 223: 228-30.—König, K. Ueber die Wirkung extrem verdünnter Metallsalzlösungen auf Wachstumsvorgänge. *Klin. Wschr.*, 1926, 5: 2333.—Kopcé, S. Ueber die Möglichkeit, auch bei alten Mäusen mittels Hungerkuren eine Steigerung des Wachstums hervorzuufen. *Zschr. vergl. Physiol.*, 1938-39, 26: 85-9. ——— & Latyszewski, M. Untersuchungen über das Wachstum der Mäuse unter dem Einfluss intermittierender Fütterung; Darreichung unvollwertiger Nahrung, abwechselnd mit vollständiger Karenz. *Biol. gen.*, Wien, 1931, 8: 163-78. ——— Darreichung vollwertiger Nahrung, abwechselnd mit vollständiger Karenz. *Ibid.*, 489.—Korenchewsky, V., & Carr, M. Further experiments on the influence of the parents' diet upon the young. *Biochem. J.*, Lond., 1924, 18: 1308; 1313; 1925, 19: 112.—Kotsovsky, D. Beiträge zum Altersproblem; Einfluss der Ernährung mit Blut und Herzgewebe von alten und jungen Tieren auf das Wachstum in vivo. *Biol. Zbl.*, 1929, 49: 764-7.—Kříženečský, J., & Petrov, I. Weitere Untersuchungen über das Wachstum beim absoluten Hungern; zugleich ein Beitrag zur Kenntnis der Veränderungen in der Zusammensetzung des Körpers bei Froschkaulquappen durch Inanition. *Arch. Entwmech.*, 1926, 107: 299-313.—Lafon, M. Les facteurs liposolubles nécessaires à la croissance de *Drosophila melanogaster* Meig. *C. rend. Soc. biol.*, 1937, 124: 798; 800.—Lejbowitch-Iweschina, W. A. Ueber den Einfluss von einigen Fett- und Oelarten, von Fleisch und Brot auf die wachsende Ratte. *Biochem. Zschr.*, 1931, 231: 260-73.—Leupold, E. Oertlicher Stoffwechsel und Gewebsreaktion; die Bedeutung der anorganischen Salze für Zellneubildungen und Wachstumsvorgänge. *Beitr. path. Anat.*, 1929, 83: 217-34.—Lin, K. H. The growth of albino rats living exclusively on freshly killed rats. *Chin. J. Physiol.*, 1930, 4: 335-44.—McCay, C. M. The effect of roughage upon growth. *Proc. Soc. Exp. Biol.*, N. Y., 1929-30, 27: 209-11. ——— Dilley, W. E., & Crowell, M. F. Growth rates of brook trout reared upon purified rations, upon dry skim milk diets, and upon feed combinations of cereal grains. *J. Nutr.*, 1928-29, 1: 233-46.—MacDowell, F. C., Gates, W. H., & MacDowell, C. G. The influence of the quantity of nutrition upon the growth of the suckling mouse. *J. Gen. Physiol.*, 1929-30, 13: 529-45.—Macomber, D. Studies of reproduction in the rat; on the occurrence of spontaneous amputation in young growing rats whose mothers were on certain diets. *N. England J. M.*, 1933, 209: 1277-9.—Maize, A. Influence du taux de sucre sur l'imbibition des plastiques et du noyau. *C. rend. Soc. biol.*, 1938, 127: 1326-8.—Mapson, L. W. Evidence of the existence of a dietary principle stimulating general growth and lactation. *Biochem. J.*, Lond., 1932, 26: 970-86.—Mendel, L. B., & Cannon, H. C. The relation of the rate of growth to diet. *J. Biol. Chem.*, 1927, 75: 779-87.—Mendel, L. B., & Hubbell, R. B. The relation of the rate of growth to diet; a comparison of stock rations used in the breeding colony at the Connecticut

- Agricultural Experiment Station. *J. Nutrit.*, 1935, 10: 557-63.—**Mitchell, H. H.** Does the amount of food consumed influence the growth of an animal? *Science*, 1927, 65: 596-600.—**Moise, T. S., & Smith, A. H.** Diet and tissue growth. *J. Exp. Med.*, 1924, 40: 13; 209.—**Monod, J.** Le taux de croissance en fonction de la concentration de l'aliment dans une population de *Glaucoma piriformis* en culture pure. *C. rend. Acad. sc.*, 1935, 201: 1513-5.—**Montemartini, L.** Nutrizione e irritabilità. *Protoplasma*, Lpz., 1937, 28: 593.—**Moura Campos, F. A. de.** Ação de algumas protides, vitamina B e preparados glandulares sobre o crescimento, metamorphose e metabolismo de larvas de amphibios. *Ann. Fac. med. S. Paulo*, 1936, 12: 223-54, 2 pl.—**Nicolaieva, E.** [Influence of beef-bouillon on growth of organism in conditions of sufficient nutrition] *Belaruss. med. misl.*, 1924-25, 2: 6-9; 134.—**Oleson, J. J., Woolley, D. W., & Elvehjem, C. A.** Is pantothenic acid essential for the growth of rats? *Proc. Soc. Exp. Biol.*, N. Y., 1939, 42: 151-3.—**Osborne, T. B., & Mendel, L. B.** L'influence des facteurs alimentaires sur la croissance. *Biol. méd., Par.*, 1914-21, 12: 277-305.—**Palmer, L. S., & Kennedy, C.** The relation of the rate of growth to diet. *J. Biol. Chem.*, 1926, 69: 661-73. Also repr.—**Palmer, L. S., & Kennedy, C.** The fundamental food requirements for the growth of the rat; the effect of variations in the proportion and quality of recognized nutrients. *Ibid.*, 1927, 75: 619-59.—**Palmer, L. S.** Influence of fat in diet. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 427-30.—**Pentelov, F. T. K.** The influence of the food consumption and the efficiency quotient of the animal. *J. Biol. Chem.*, 1931, 90: 545-64. Also repr.—**Pentelov, F. T. K.** The relation between growth and food consumption in the brown trout (*Salmo trutta*) *J. Exp. Biol., Lond.*, 1939, 16: 446-73.—**Perikhaniantz, Y. I.** [Effect of insulin and dextrose on the increase in the growth of front legs of tad-poles of *Rana temporaria*] *Vrach. gaz.*, 1929, 33: 2011-4.—**Perrini, F.** L'azione di diete iperproteiche subliniche subcarboidrossiche sull'accrescimento dei ratti albi. *Boll. Soc. ital. biol. sper.*, 1931, 6: 364-7.—**Quinn, E. J., King, C. G., & Dimit, B. H.** The study of the effects of certain diets upon the growth and form of albino rats. *J. Nutrit.*, 1929-30, 2: 7-18.—**Radoëff, A.** Stimulation de la croissance par des sels minéraux, des colorants vitaux, et divers composés organiques chez le Riz (*Oryza sativa*) *C. rend. Soc. biol.*, 1932, 110: 955.—**Randoin, L., & Queuille, S.** La nature des glucides entrant dans un régime théoriquement complet et équilibré peut-elle avoir une influence sur le développement et l'entretien de l'organisme du rat? *Ibid.*, 1936, 121: 1318-23.—**Rapkine, L.** Le rôle de l'oxygène libre dans le développement. *C. rend. Acad. sc.*, 1929, 188: 650-2.—**Reiter, H.** Untersuchungen über elektive Ernährung und Wachstum. *Med. Klin., Berl.*, 1929, 25: 267-9.—**Renaud, M.** Développement et croissance de chiens élevés avec un lait artificiel renfermant des protéines viscérales. *C. rend. Soc. biol.*, 1930, 103: 232-4.—**Richards, M. B., Godden, W., & Husband, A. D.** The influence of variations in the sodium-potassium ratio on the nitrogen and mineral metabolism of the growing pig. *Biochem. J.*, Lond., 1927, 21: 971-85.—**Robertson, T. B., Dawbarn, M. C.** [et al.] Experiments on the growth and longevity of the white mouse; the influence of the continuous administration of vegetable nucleic acid and the intermittent administration of thyroid upon growth and longevity. *Austral. J. Exp. Biol.*, 1933, 11: 219-35.—**Robertson, T. B., Marston, H. R., & Walters, J. W.** The influence of intermittent starvation and of intermittent starvation plus nucleic acid on the growth and longevity of the white mouse. *Ibid.*, 1934, 12: 33-45.—**Rose, M. S., & MacLeod, G.** Supplementary values among foods: growth and reproduction on white bread with various supplements. *J. Nutrit.*, 1928, 1: 29-38.—**Rose, W. C.** Does the amount of food consumed influence the growth of an animal? *Science*, 1928, 67: 488.—**Rose, W. C.** Further experiments upon a new dietary essential present in proteins. *J. Biol. Chem.*, 1934, 105: p. lxxiii.—**Samuel, E. L., & Kugelmass, I. N.** Influence of acid and base-forming feeding on growth. *Proc. Soc. Exp. Biol.*, N. Y., 1929-30, 27: 195.—**Schmid, H. O.** Vitamine und Gewebewachstum. *Klin. Wschr.*, 1937, 16: 465.—**Seegers, W. H., & Mattil, H. A.** Further studies on the nutritive value of alcohol-extracted animal tissues and the supplements required for growth and lactation. *J. Biol. Chem.*, 1934, 105: p. lxxvii.—**Sherman, H. C., Campbell, H. L., & Lanford, C. S.** Experiments on the relation of nutrition to the composition of the body and the length of life. *Proc. Nat. Acad. Sc. U. S.*, 1939, 25: 16-20.—**Sinclair, R. G.** Influence of diet on the phospholipid fatty acids of growing rats. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 793-5.—**Sinclair, R. G.** Some observations on the growth of rats on fat-free and fat-containing diets. *Ibid.*, 1929-30, 27: 1059-62.—**Speirs, M., & Sherman, H. C.** Calcium and phosphorus retention in growth, in relation to the form of carbohydrate in the food. *J. Nutrit.*, 1936, 11: 211-8.—**St. John, J. L.** Growth on a synthetic ration containing small amounts of sodium. *J. Biol. Chem.*, 1928, 77: 27-32.—**Stepp, W.** Ueber die Bedeutung gewisser fettlöslicher Nahrungsstoffe für Wachstum und Erhaltung des tierischen Organismus. *Naturwissenschaften*, 1923, 11: 33-7.—**Sylvén, B.** Growth experiments on tadpoles with cystine and auxine. *Skand. Arch. Physiol., Berl.*, 1933, 67: 129-36.—**Thompson, H. B.** An experimental study of the effect of low ash feeding on the growth of the albino mouse in subsequent periods on a complete dietary, with special reference to the economy of food consumption. *Am. J. Physiol.*, 1926, 77: 140-57.—**Thompson, J.** The influence of calcium and iodine on growing rats. *Endocrinology*, 1933, 17: 537-49.—**Twitty, V. C., & DeLanney, L. E.** Size regulation and regeneration in salamander larvae under complete starvation. *J. Exp. Zool.*, 1939, 81: 399-414.—**Visco, S.** Osservazioni sullo sviluppo di ratti alimentati con frumenti duri e di ratti alimentati con frumenti teneri; relazione tra peso iniziale dell'animale e valore nutritivo dell'alimento. *Boll. Soc. ital. biol. sper.*, 1930, 5: 198; 204.—**Wetzel, G.** Wachstum und Widerstandsfähigkeit der Ratte bei pflanzlicher und bei tierischer Nahrung. *Zschr. ges. Anat.*, 1. Abt., 1930, 92: 802-13.—**Wetzel, G., & Brieger, H.** Das Wachstum der weissen Ratte bis zur Geschlechtsreife bei Fleisch-, Pflanzen- und gemischter Nahrung. *Arch. Entwmech.*, 1936-37, 135: 762-81.—**White, J.** Retardation of growth of the rat ingesting p-dimethyl-aminoazobenzene, butter yellow; the effect of various dietary supplements. *J. Nat. Cancer Inst.*, 1940, 1: 337-41.—**Womack, M., & Rose, W. C.** Feeding experiments with mixtures of highly purified amino acids; the relation of phenylalanine and tyrosine to growth. *J. Biol. Chem.*, 1934, 107: 449-58.—**Zaykowsky, J., & Krasnokutskaya, A.** Mineralnahrung der landwirtschaftlichen Tiere; der Einfluss des CaCO₃ auf die Entwicklung der Kälber. *Biochem. Zschr.*, 1928, 202: 239-45.—**Zorin, E. N.** [Growth of guinea pigs in well-mixed diet] *J. eksp. biol.*, 1929, 11: 152-61.

Variation: Light, and temperature.

OPPENS, I. *Ein Beitrag zu den Beziehungen zwischen Licht und Wachstum [Leipzig] 22p. 8° Leisnig, 1928.

- Abeloos.** Influence de la température sur la croissance des planaires. *C. rend. Acad. sc.*, 1929, 188: 881-3.—**Baccino, M.** Influence des variations thermiques sur la croissance des jeunes homéothermes. *C. rend. Soc. biol.*, 1935, 119: 1058-61.—**Abeloos.** La température optimum de croissance des jeunes homéothermes, diverses méthodes de détermination. *Ibid.*, 1936, 121: 1136-8.—**Abeloos.** Action conjuguée de la température et des poisons parasymphomimétiques on de leurs antagonistes, sur le développement des jeunes homéothermes. *Ibid.*, 1936, 121: 1136-8.—**Abeloos.** L'optimum thermique et le développement des jeunes mammifères, méthode optomorphométrique, applications à la puériculture. *Bull. Acad. méd., Par.*, 1936, 3. ser., 115: 195-206.—**Abeloos.** Température et croissance des jeunes mammifères, applications à la puériculture. *Rev. cosmobiol.*, Nice, 1938-39, 4: 36-40.—**Abeloos.** Action de la lumière colorée sur la croissance des jeunes homéothermes, phototropisme. *Ann. physiol., Par.*, 1939, 15: 785-9.—**Abeloos.** Action de la température et de la lumière colorée sur la croissance des jeunes animaux. *Médecine, Par.*, 1939, 20: 721-5.—**Brown, L. A.** Temperature characteristics for duration of an instar in cladocerans. *J. Gen. Physiol.*, 1926-27, 10: 111-9.—**Castle, E. S.** The phototropic sensitivity of Phycocyanes as related to wave-length. *Ibid.*, 1931, 14: 701-11.—**Honeyman, A. J. M.** The light growth response and the growth system of Phycocyanes. *Ibid.*, 1934-35, 18: 385-97.—**Dillewijn, C. van.** The connection between light-growth-response and phototropical curvature of seedlings of *Avena sativa*. *Proc. Akad. wet. Amsterdam*, 1925, 28: sect. sc., 775-80.—**Di Maccio, G.** Ricerche sperimentali sulla influenza della temperatura ambiente sullo accrescimento. *Ann. clin. med., Pal.*, 1922, 12: 353-70.—**Emery, F. E., Emery, L. M., & Schwabe, E. L.** The effects of prolonged exposure to low temperature on the body growth and on the weights of organs in the albino rat. *Growth, Itasca*, 1940, 4: 17-32.—**Grodziński, Z.** Weitere Untersuchungen über den Einfluss der Unterkühlung auf die Entwicklung der Hühnerleier. *Arch. Entwmech.*, 1934, 131: 653-71.—**Harnly, M. H.** The temperature-effective periods and the growth curves for length and area of the vestigial wings of *Drosophila melanogaster*. *Genetics*, 1936, 21: 84-103.—**Hirrichs, M. A.** Modification of development on the basis of differential susceptibility to radiation; *Fundulus heteroclitus* and ultraviolet radiation. *J. Morph.*, 1925-26, 41: 239-65.—**Hirrichs, M. A.** Modification of development on the basis of differential susceptibility to radiation; *Arabaia* and visible light following sensitization. *Biol. Bull.*, 1926, 50: 1-16, pl.—**Hoesslin, H. von.** Ueber Wachstum bei verschiedener Temperatur. *Zschr. Biol.*, 1936, 97: 244-55.—**Kerkis, J.** Einfluss der Temperatur auf die Entwicklung der Hybriden von *Drosophila melanogaster* × *Drosophila simulans*. *Arch. Entwmech.*, 1933, 130: 1-10.—**Küstner, H.** Die Bedeutung der einzelnen Abschnitte des Snektrums für Wachstum und Entwicklung im Pflanzen- und Tierreich. *Mscr. Geburtsh. Gyn.*, 1932, 90: 163-72.—**Ludwig, F., & von Ries, J.** Ueber den Einfluss der Rot- und Blaustrahlen auf das Wachstum. *Strahlentherapie*, 1930-31, 39: 485-9.—**Mikulski, J. S.** On the changes of developmental velocity of some developmental stages of *Tribolium confusum* Duv. (Col.) when influenced by constant and alternating temperatures. *Bull. internat. Acad. polon. sc.*, 1936, ser. B, 2: 373-85.—**Riedel, H.** Der Einfluss der Entwicklungstemperatur auf Flügel- und Tibiallänge von *Drosophila melanogaster* (wild, vestigial und die reziproken Kreuzungen). *Arch. Entwmech.*, 1934-35, 132: 463-503.—**Spolverini, L.** L'azione dei raggi ultravioletti sull'accrescimento (ricerche sperimentali). *Radiol. med.*, Milano, 1926, 13: 861-73.—**Springer, M., & Tardieu, A.** De l'action des rayons ultra-violetts sur la croissance. *Bull. Acad. méd., Par.*, 1926, 3. ser., 95: 394-8.—**Woolridge, M. A.** Effects of temperature on eye size in *Habrobracon*. *Abstr. Theses Univ. Pittsburgh*, 1933, 9: 614.

GROWTH [human; including development]

See also **Adolescence; Age; Birth; Child; Childhood; Embryogeny; Fetus; Growth; Infant; Newborn; Puberty, &c.**; also under names of organs, parts, and tissues of the body.

ALDRICH, C. A., & ALDRICH, M. M. Babies are human beings; an interpretation of growth. 128p. 8°. N. Y., 1938.

RUH, H. O., & GARVIN, J. A. The child's development. 107p. 8°. N. Y., 1928.

RÖSSLE, R. Wachstum und Altern; zur Physiologie und Pathologie der postfötafen Entwicklung. 351p. 8°. Münch., 1923.

TODD, T. W. Growth and development. 20p. 8°. Cleveland, Ohio, 1932.

WHITE HOUSE CONFERENCE ON CHILD HEALTH AND PROTECTION. SECT. I: MEDICAL SERVICE. COMMITTEE ON GROWTH AND DEVELOPMENT. Growth and development of the child; report. 4v. 8°. N. Y. [1932-33]

Aldrich, C. A. Growth and development. *J. Pediat.*, S. Louis, 1933, 2: 83-98.—Bakwin, H., & Bakwin, R. M. Growth, development and care of the child. *Am. J. Dis. Child.*, 1940, 59: 112-8.—Studies in the growth and development of children. *N. York State J. M.*, 1940, 40: 88-91.—Boas, F. Studies in growth. *Human Biol.*, 1932, 4: 307-50.—Bond, E. D. The third side of growth. *Physiother. Rev.*, 1940, 20: 213-7.—Burdick, W. F. Growth and development. *Virginia M. Month.*, 1933, 60: 290-3.—Chandler, A. B. Problems in child development. *Canad. M. Ass. J.*, 1931, 24: 404-7.—Guide (A) to growth. *Pub. Health Nurs.*, 1934, 26: 254.—Hiden, J. H. A review of an important problem in the study of the growth and development of children. *Med. J. & Rec.*, 1925, 121: 743-5.—Holt, L. E. Growth as a factor in prognosis, outgrowing disease. *Health Bull.*, Raleigh, 1924, 39: No. 3, 10-6.—Layman, M. H. Growth and development. *J. Pediat.*, S. Louis, 1939, 15: 136-42.—Meredith, H. V. Concerning a recently reported finding on the physical growth of boys. *Human Biol.*, 1937, 9: 567-71.—Robertson T. B. Growth and development. In *Abt's Pediatrics*, Phila., 1923, 1: 145-519.—Scammon, R. E. The literature of the growth and physical development of the fetus, infant, and child; a quantitative summary. *Anat. Rec.*, 1926-27, 35: 241-67.—Schlesinger, E. Das Wachstum des Kindes. *Erg. inn. Med. Kinderh.*, 1925, 28: 456-79.—Secker, J. Healthy growth. *Univ. Durham Coll. M. Gaz.*, 1932, 32: 6-15.—Sherbon, F. B. Review of a study on growth. *Med. Woman J.*, 1938, 45: 325-31.—Strong, R. A. Growth and development. *Arch. Pediat.*, N. Y., 1931, 48: 567-77.—Talbot, F. B. Studies in growth. *Am. J. Dis. Child.*, 1924, 27: 541, 28: 153.—Todd, T. W. The anatomy of growth. *Northwest M.*, 1928, 27: 165-9.

Constitutional aspect.

See also **Body constitution, Development and heredity; Phenotype, &c.**

CASTALDI, L. Accrescimento corporeo e costituzioni dell'uomo. 350p. 8°. Fir., 1928.

Baldwin, B. T. Increments of growth for different types of children, with special reference to height, weight and breathing capacity development. *J. Outdoor Life*, 1922, 19: 405-10.—Brugi, G. Dati biotipologici di soggetti in via di accrescimento. *Atti Acad. fisioer.* Siena, 1931, 10, ser. 6: 44-8.—Camerer, J. W., & Schleicher, R. Beitrag zur Frage der konstitutionellen Fett- und Magersucht an Hand von Beobachtungen an einzelnen Zwillingen. *Zschr. menschl. Vererb.*, 1935, 19: 32-9.—Fessard, A. B., Fessard, A. [et al.] Recherches biotipologiques sur la croissance et l'âge physique. *C. rend. Soc. biol.*, 1934, 116: 572-5.—Fraleigh, F. Some observations on the weight of school-boys, and the influence of physical type. *Arch. Pediat.*, N. Y., 1922, 39: 763.—Goldberg, L. L. [On growth peculiarities of the reactions of the constitution] *Soviet. pediat.*, 1936, No. 6, 3-8.—Schiassi, F. La crescita dagli 11 ai 17 anni ed i valori medi da servire alla valutazione della costituzione individuale in tale età secondo il metodo Viola. *Policlinico*, 1935, 42: sez. prat., 2228-35. Also *Riforma med.*, 1935, 51: 1638-42. Also *Gazz. osp.*, 1935, 56: 1261-5.—Schlesinger, E. Unterschiede im Wachstum bei Schulkindern und jungen Leuten von verschiedener Konstitution und aus verschiedenen Bevölkerungsschichten. *Deut. med. Wschr.*, 1917, 43: 1607.—Serebrowskaja, M. Die Bewertung der physischen Entwicklung und des morphologischen Typus des Schulkindes. *Zschr. ges. Anat.*, 2. Abt., 1928-29, 14: 411-29.—Ssergeev, V. I. Dynamik der Körperentwicklung der Jünglinge, zur Typologie der Entwicklungskurven. *Zschr. menschl. Vererb.*, 1935, 19: 522-47.—Todd, T. W. Objective ratings on the constitution based upon examination of physical development and mental

expansion in the growing child. *Proc. Inst. M. Chicago*, 1937, 11: 234-42.—Warner, F. Constitutional development and social progress of boys and girls from infancy. *Lancet*, Lond., 1907, 2: 1810.

dimensional, linear, and ponderal.

See also subheading **Normal averages**; also **Height and weight; Infant, Nutrition; Nutrition.**

GERLING, C. J. [pseud.] Short stature and height increase. 159p. 21cm. N. Y., 1939.

LOWRY, E. B. What does your child weigh? 187p. 8°. Chic. [1924]

Are we growing bigger? *Brit. M. J.*, 1936, 1: 1163. Also *J. Am. M. Ass.*, 1936, 107: 1051.—Bean, R. B. The sitting height in children. *Anat. Rec.*, 1920-21, 18: 222.—Berliner, M. Hochwuchs und Breitenentwicklung. *Zschr. klin. Med.*, 1923, 108: 378-85.—MacDonnell, W. W. The weight of children. *J. Florida M. Ass.*, 1921-22, 8: 149-51.—Nobécourt, P. Modalités de la croissance staturale des garçons de haute stature. *Gaz. hôp.*, 1929, 102: 1701-7.—Pittard, E., & Donici, A. Le développement des 3 grandeurs principales en fonction de la taille, son influence sur la valeur de l'indice céphalique chez quelques groupes ethniques comparés. *Anthropologie*, Par., 1930, 40: 267-73.

Disorder.

See also **Abnormalities; Atrophy; Cachexia; Child, backward; Cretinism; Defective; Dwarfism; Dystrophy; Gigantism; Obesity; Puberty, precocious, &c.**

NOBÉCOURT, P., & KAPLAN, M. Croissance et troubles de la croissance. 148p. 8°. Par., 1934.

In *Traité méd. enf.* (Nobécourt & Babonneix) Par., 1934, 1: 1-148.

TODD, T. W. Meeting the hazards of life. 10p. 8°. Cleveland, Ohio, 1931.

Abels, H. Wachstumsschmerzen. *Wien. med. Wschr.*, 1936, 86: 736.—Aron, H. Aus der Pathologie des Wachstums im Kindesalter. *Klin. Wschr.*, 1923, 2: 333-6.—Baize, P. La croissance et les troubles de la croissance dans la première enfance. *Rev. sc. Par.*, 1933, 71: 161-70.—Bakwin, H., Bakwin, R. M., & Milgram, L. Body build in infants; the influence of retarded growth. *Am. J. Dis. Child.*, 1934, 48: 1030-40.—Bauer. Demonstration dreier Säuglinge mit Wachstumsstörungen. *Deut. med. Wschr.*, 1927, 53: 1116.—Bettinotti, S. I. El índice pondo-estatural en la selección de los niños débiles. *Arch. argent. pediat.*, 1930, 1: 185-9.—Borchardt, L. Klinische Pathologie des Wachstums und der Entwicklung. *Deut. med. Wschr.*, 1929, 55: 823-5.—Boyce, A. E. Hypertrophy and atrophy. *Collect. Papers Graham Res. Dep. Univ. London*, 1933, 10: Also repr.—Bram, I. Tall youngsters. *Arch. Pediat.*, N. Y., 1939, 56: 803-5.—Castaldi, L. Anomalie e disarmonie dell'accrescimento. *Riv. clin. med.*, 1926, 27: 41-53. Also *Gazz. osp.*, 1927, 48: 270-3.—Cathala, J. Syndromes fonctionnels d'appareil organique pendant la croissance. *Rev. gén. clin. thé.*, 1933, 47: 689-92.—Collis, W. R. F. Leg pains in childhood. *Med. Press & Circ.*, Lond., 1937, 124-6.—Comby, J. A propos des prétendues fièvres de croissance. *Bull. Soc. pédiat.*, Paris, 1919, 17: 271-6.—Perturbaciones do crescimento. *Rev. med. cir. Brasil*, 1926, 34: 478-9.—Crothers, E., & Lord, E. E. The conception of arrest of development. *Tr. Am. Neur. Ass.*, 1934, 60: 67-72.—Dufrénoy, C., & Regnaud, F. Gigantisme et nanisme. *Rev. path. comp.*, Par., 1923, 23: 324-36.—Ehrich, W. Das Gesetz des Wachstums in konstanten Proportionen bei Wachstumsstörungen. *Zbl. allg. Path.*, 1935, 63: 277-82.—Filippi, F. de. Distrofia y trastorno del crecimiento. *Sem. méd.*, B. Air., 1940, 47: 1142. Also *Prensa méd. argent.*, 1941, 28: 257-9.—Fordyce, A. D. Hemi-hypertrophie alterne. *Arch. Dis. Childh.*, Lond., 1928, 3: 300-9.—Observations on borderline problems in childhood. *Brit. M. J.*, 1929, 2: 791-4.—Freudenberg, E. Wachstumspathologie im Kindesalter. *Mschr. Kinderh.*, 1922-23, 24: 673-84.—Fürst, T. Die Bedeutung der Wachstumskontrolle für die Differentialdiagnose von Wachstumsstörungen und Wachstumskrankheiten. *Hippokrates*, Stuttgart, 1938, 9: 690-5.—Gardiner-Hill, H. Abnormalities of growth and development; the clinical and pathological aspects. *Brit. M. J.*, 1937, 1: 1302-8.—Gordon, L. von. Das Problem des menschlichen Wachstums in physiologisch-pathologischer Beziehung. *Erg. inn. Med. Kinderh.*, 1933, 48: 166-248.—Growth of a child, normal and abnormal. *Nurs. Times*, Lond., 1940, 36: 1079.—Hawkesley, J. C. The incidence and significance of growing pains in children and adults. *Nat. Health Rev.*, Ottawa, 1938, 6: 95.—Huc, G. Quelques troubles de la croissance osseuse et musculaire. *J. méd. fr.*, 1928, 17: 155-60.—Hühne, T., & Schönfeld, H. Eine eigenartige Wachstumsstörung im Kindesalter. *Mschr. Kinderh.*, 1929, 42: 267-86.—Jaensch, W. Konstitution und Entwicklungsstörungen. *Jahrbuch. ärztl. Fortbild.*, 1932, 23: H. 8, 25.—Labbé, M., Boulon [et al.] Association d'hypertrophie staturale, d'atrophie musculaire diffuse, de malforma-

tions cardiaque et osseuses chez un adolescent. *Bull. Soc. méd. hôp. Paris*, 1934, 3, ser., 50: 1288-92.—**Lacapite**. Troubles et maladies de croissances. *Vie méd.*, 1924, 5: 523.—**Larai**, D. L'importanza del fattore età nel determinismo dei paramorfismi. *Arch. ital. pediat.*, 1933-34, 2: 159-66.—**Ledent**, R. Troubles de croissance. In *Traité hélio & actinother.* (Brody, C.) Par., 1938, 2: 887-91.—**Leitch**, A., **Muir**, R. [et al.] Growth in its pathological relations. *Lancet*, Lond., 1927, 2: 655-9.—**Loo**, C. J. van der [On children in poor health who vary in height between 109-150 centimeters]. *Ned. tschr. geneesk.*, 1920, 1: 1689-701.—**McCay**, C. M., **Ellis**, G. H. [et al.] Chemical and pathological changes in aging and after retarded growth. *J. Nutr.*, 1939, 18: 15-25.—**Marañón**, G. Los trastornos de la talla. *Día méd.*, B. Air., 1939, 11: 1007; 1036.—**Los trastornos del crecimiento**. *Día méd. urug.*, 1939-40, 7: 87-93.—**Molitzanov**, V. I. [Disorders in the growth and development in children]. *Tr. Vsesoiuz. sezda. detsk. vrach.* (1927) 1929, 4: 41-59.—**Moore**, C. Disturbances in growth. *Med. Clin. N. America*, 1928, 12: 433-45.—**Neurath**, R. Ueber Wachstumstörungen des Reifealters. *Aerzt. Prax.*, Wien, 1933, 7: 67.—**News**, G. H. Pathological specimens. *Proc. R. Soc. M., Lond.*, 1937-38, 31: 1129.—**Nobécourt**, P. Les hypertrophies staturales de l'enfance. *Rev. gén. clin. théor.*, 1925, 39: 434-40.—**Remarques sur les hautes tailles dans l'enfance et la jeunesse**. *Progr. méd.*, Par., 1929, 44: 1773-8.—**Sémiologie des hypertrophies staturales de l'enfance et de la jeunesse**. *Rev. gén. clin. théor.*, 1931, 45: 641-6.—**Perrusi**, L. C., & **De Lio**, J. C. Fisiopatologia general del crecimiento; las leyes principales que lo rigen. *Día méd.*, B. Air., 1930-31, 3: 751.—**Petényi**, G. [Disturbances of growth in children]. *Magy. orv. nagybét. jegyzőköve*, 1931, 122-5.—**Pines**, H. Retardo de crecimiento. *Prensa méd. argent.*, 1941, 28: 524.—**Rascovsky**, A., **Schlossberg**, T. [et al.] Cuadros de desequilibrio entre maduración, crecimiento y sublimación en niñas de edades similares. *Arch. argent. pediat.*, 1940, 14: 405.—**Regnault**, F. Gigantisme et nanisme; des variations de format chez l'homme. *Rev. path. comp.*, Par., 1923, 23: 269-77.—**Rössle**, R. Wachstumspathologie im Kindesalter. *Mscr. Kinderh.*, 1922-23, 24: 641-72.—**Rosenstern**, J. Ueber Wachstumshemmungen im Kindesalter. *Klin. Wschr.*, 1926, 5: 1874-8. Also *Jahrbuch. ärztl. Fortbild.*, 1930, 21: H. 6, 15-30.—**Ueber temporäre Disharmonien der körperlichen Entwicklung im Kindesalter. *Kinderärztl. Prax.*, 1933, 4: 18-31. Also *Med. inf.*, Roma, 1933, 4: 357-73.—**Rosenthal**, G. Un cas de croissance rapide. *Paris méd.*, 1933, 89: 338.—**Snell**, W. E. The debilitated child. *Brit. J. Phys. M.*, 1934-35, 9: 181.—**Stettner**, E. Wachstum und Wachstumstörungen. *Mscr. Kinderh.*, 1935-36, 64: 379; 1937, 69: 245; 71: 432; 1938, 76: 350; 1939, 80: 387. Also *Zschr. ärztl. Fortbild.*, 1925, 22: 641; passim.—**Sutton**, L. P. Abnormal growth in a girl; report of a case. *Arch. Pediat.*, N. Y., 1927, 44: 109-15.—**Wagner**, R. Entwicklungstörungen, besonders in der Pubertätszeit. *Aerzt. Prax.*, Wien, 1937, 11: 41. Also *Wien. klin. Wschr.*, 1936, 49: 628.—**Werber**, F. P. Precocious general development of normal type in a girl aged 14. *Proc. R. Soc. M., Lond.*, 1934, 27: Clin. Sec., 637.—**Wertham**, F. I. The incidence of growth disorders in 923 cases of mental disease. *Arch. Neur. Psychiat.*, Chic., 1929, 21: 1128-40.—**White**, J. W., & **Warner**, W. P., jr. Experiences with metaphysical growth arrests. *South. M. J.*, 1938, 31: 411-4.—**Wilmoth**. Douleurs et fièvre de croissance. *Gaz. méd. France*, 1928, 143.**

Disorder: Etiology.

See also subheadings **Endocrine aspect**; **Variations**; also such headings as **Abnormalities**; **Appetite**, lost; **Chondrodystrophy**; **Malnutrition**; **Rickets**; **Syphilis**, congenital, &c.; also names of endocrine and other primary diseases.

KÜNSTER, W. *Knochenwachstumsstörungen nach Röntgenbestrahlung? 27p. 22cm. Bonn, 1931.

Arcey, M. d'. Les hypertrophies d'origine digestive dans la première enfance. *J. méd. chir.*, Par., 1937, 108: 103.—**Bensaude**, R., **Hillemand**, P., & **Auzier**, P. Les troubles du développement d'origine digestive. *Prat. méd. fr.*, 1933, 14: 99-104.—**Boyd**, J. D., & **Nelson**, M. V. Growth studies of children with diabetes mellitus. *Am. J. Dis. Child.*, 1928, 35: 753-61. Also repr.—**Effect of childhood illnesses on growth**. *J. Am. M. Ass.*, 1938, 110: 2159.—**Gafafer**, W. M. Relation of physical defects to the physical growth of children in different geographic regions of the United States: physical measurement studies No. 4. *Am. J. Hyg.*, 1936, 23: 205-15.—**Habán**, G. [Disorders of growth in Erdheim's tumor]. *Orv. hetil.*, 1934, 78: 1061-3.—**Harvey**, S. C. Reaction to injury as a function of growth. *Proc. Inst. M. Chicago*, 1934, 10: 70-82.—**MacMillan**, D. P. Some important factors preventing normal growth and development of pupils in school life. *Tr. Internat. Congr. School Hyg.* (1913) 1914, 4. Congr., 3: 299-304.—**Martino**, P. J. Influencia de las afecciones de las vías respiratorias superiores y de su sistema linfático sobre el desarrollo de los niños. *Arch. lat. amer. pediat.*, B. Air., 1925, 3, ser., 19: 1142-54.—**Mazzeo**, M. Fattori e anomalie dell'accrescimento corporeo e psichico. *Fol. med. Nap.*, 1935, 21: 372; 413; 536.—**Neuschl**, S. [Two cases of congenital disturbances of development]. *Bratisl. lek. listy*, 1926-27, 6: 192-6, 2 pl.—

Ribadeau-Dumas, **Mathieu**, R., & **Willemin-Clog**. L'arrêt de croissance des nourrissons du 16 au 18 mois; syndrome de carences frustes. *Sem. hôp. Paris*, 1930, 6: 245-8.—**Rod**, I. Growth retardation due to untoward confinement. *Med. J. & Rec.*, 1933, 137: 57.—**Ruiz Moreno**, M. Desviaciones esqueléticas de la adolescencia de origen muscular. *Día méd.*, B. Air., 1940, 12: 1156.—**Schlesinger**, E. Die Wachstumshemmung der Kinder in den Nachkriegsjahren. *Münch. med. Wschr.*, 1922, 69: 153.—**Schneider**, E. Zur Pathogenese der regulatorischen Wachstumsmalacien. *Arch. klin. Chir.*, 1937, 188: 91-117.—**Smith**, S. Influence of illness during the first 2 years on infant development. *J. Genet. Psychol.*, 1931, 39: 284-7.—**Strandberg**, J. A contribution to the question on the malformations of the ectoderm due to arrested development. *Nord. med. ark.*, 1918-19, afld. 2, 51: 1-12.—**Turner**, J. M. Congenital perversion of growth. *Proc. R. Soc. M., Lond.*, 1933, 26: orth., 43-6.—**Turner**, C. E., **McKenzie**, W. L. [et al.] A study of the health of children showing intermittency in growth. *J. School Health*, 1940, 10: 227-33.—**Volhard**, E., & **Drigalski**, W. von. Ueber eine eigenartige familiäre Entwicklungsstörung des Rumpfskeletts. *Zbl. inn. Med.*, 1937, 58: 243-52.—**Wimberger**, H. Röntgenometrische Wachstumsstudien am gesunden und rachitischen Säugling. *Mscr. Kinderh.*, 1922-23, 24: 568-73.

Disorder, ponderal.

See also **Cachexia**; **Malnutrition**; **Nutrition**; **Obesity**, &c.

BAUTHAMY, C. *Arrêts de la croissance pondérale du nourrisson. 64p. 8° Par., 1933.

TRONÇAY, L. *Etude de la dissociation de croissance staturale et pondérale; ses rapports avec l'alimentation infantile. 61p. 8° Par. (1923) 1924.

Baize, M. P. Etiologie et traitement des hypotrophies de la première enfance. *Gaz. hôp.*, 1932, 105: 885, 923.—**Bram**, I. The thin youngsters. *Arch. Pediat.*, N. Y., 1940, 57: 448-57.—**Cordua**, O. B. Hygienic treatment of underweight children, observations on the weight changes of 18 under-weight children treated at a summer health school. *Ibid.*, 1929, 46: 99-107.—**Friel**, S. The effect of war diet on the teeth and jaws of the children of Vienna, Austria. *Internat. J. Orthodont.*, 1922, 8: 539-72.—**González-Meneses** & **Jiménez**, J. Patogenia y tratamiento de los estados de hipotrofia y atrepsia. *Med. niños*, 1933, 34: 142; 349; 359; 1934, 35: 10.—**Jaubert**, L. L'insuffisance pondérale chez l'enfant; son évaluation et sa valeur pratique. *Bull. Acad. méd.*, Par., 1932, 3, ser., 108: 1664-70. Also *Méd. inf.*, Par., 1933, 40: 109-22. Also *J. méd. Par.*, 1933, 53: 523-5.—**Mouriquand**, G. Régimes carencés et dystrophies inapparentes chez l'enfant. *J. méd. Lyon*, 1932, 13: 103-10.—**Nobécourt**. Les hypotrophies de la moyenne et de la grande enfance. *Rev. gén. clin. théor.*, 1922, 36: 705-11.—**Nylin**, G. [The so-called under-weight school-child]. *Sven. läk. säll. förh.*, 1928, 378-84.—**Ruotsalainen**, A. Studien an sogenannten untergewichtigen Schulkindern. *Acta paediat.*, Ups., 1937, 21: 308-35. Also *Duolectim*, Helsin., 1937, 53: 947-79.—**Schlesinger**, E. Wachstum, Ernährungszustand und Entwicklungsstörungen der Kinder nach dem Kriege bis 1923. *Mscr. Kinderh.*, 1924, 37: 311-24.—**Slevin**, J. G. Some physical and social aspects of malnutrition in school children. *J. Michigan M. Soc.*, 1933, 32: 21-4.—**Underweight** in children. *Bull. san.*, Montréal, 1936, 36: 49-56.—**Visanska**, S. A. Malnutrition; why children do not grow in weight and in mentality. *Internat. J. Orthodont.*, 1935, 21: 756-67.

Disorder: Treatment.

ALALINARDE, R. *L'association arséno-maritale stimulant de la croissance du nourrisson. 44p. 8° Par., 1926.

JAENSCH, W., & **POLVERMÜLLER**, K. Konstitutionstherapie und Entwicklungsstörungen; ein Beitrag zur Erkennung und Bekämpfung konstitutioneller Fröhenschäden. 68p. 24½cm. Stuttgart, F. Enke, 1939.

Apert, E. Traitement des insuffisances de croissance. *Presse méd.*, 1937, 45: 901.—**Bisgard**, J. D., & **Hunt**, H. B. Influence of roentgen rays and radium on epiphyseal growth of long bones. *Radiology*, 1936, 26: 56-68.—**Debidour**, A. Influence de la cure thermique sur le poids et la taille chez l'enfant. *Gaz. méd. France*, 1935, 42: therm. No. 7, 15.—**Del Duca**, G. Applicazioni pratiche delle nostre cognizioni sulla crescita. *Med. inf.*, Roma, 1933, 4: 334-42.—**Fancher**, J. K. Chalone therapy. *Tr. Am. Ther. Soc.* (1939) 1940, 39: 53-6.—**The control of skeletal growth**. *Bull. Fulton Co. M. Soc.*, 1939, 13: No. 14, 9.—**Grassi** & **Meier**. Considerazioni ed osservazioni cliniche sopra le turbe dell'accrescimento e dell'eritropoiesi della prima infanzia; loro influenzabilità con la vitamina A unita all'associazione ferro clorofillica. *Gazz. med. ital.*, 1937, 96: 203-10.—**Hallowes**, K. R. C. The place of sun-bathing, sea-bathing, and open-air exercise in growth and development. *Brit. J. Phys. M.*, 1935-36, 10: 27-30.—**Itten**, H. W. Zu den Fragen der körperlichen Entwicklung

- und zur Bewegung und Bekämpfung deren Minusvarianten in der Schweiz. Schweiz. med. Wschr., 1927, 57: 315; 341.—**Katznelson, F.** [Attempt of psychohygienic work for somatically weak children] Sovet. pediatrii., 1935, No. 5, 93-100.—**Kazakov, I. N., & Baliasnikova, N. I.** Lisadoterapija em pediatrija. Gaz. clin., S. Paulo, 1940, 38: 411-28.—**Koch, E. W.** Wachstumsgeschwindigkeit und Follikelzerfall in den Ovarien; Untersuchungen zum Phänomen der Entwicklungsbeschleunigung beim Menschen. Deut. med. Wschr., 1936, 62: 1912-5.—**Laufer, R., & Paul-Boncour, G.** Remarques sur le contrôle biométrique de l'enfant en vue de l'orientation professionnelle. Méd. scol., Par., 1922, 11: 307-16.—**Ledent, R.** Troubles de croissance et physiothérapie. Ann. méd. phys., Anvers, 1931, 24: 253.—**Leriche, R., & Jung, A.** Thymectomie pour asthénie générale avec retard notable de croissance et puérilité; résultat d'un an. Presse méd., 1940, 48: 681.—**Lurie, L. A.** The stimulation of growth in undersized children by means of endocrine therapy. J. Med., Cincin., 1940-41, 21: 205-7.—**McGraw, T. A.** Clinical experiences in organotherapy, with special reference to the stimulation of the body growth. Endocrinology, 1924, 8: 196-234.—**Mennell, J.** The aged child; some points in prophylaxis from a physical treatment viewpoint. Brit. J. Phys. M., 1934-35, 9: 183-5.—**Morgan, A. F., & Warren, L.** Stimulation of growth of school children by small supplementary feeding. Am. J. Dis. Child., 1928, 36: 972-8.—**Neurath, R.** Zur hormonalen Behandlung schlecht gedeihender Kinder. Wien. med. Wschr., 1938, 88: 317.—**Noble, C.** Handling of cases with abnormal build. Bull. Acad. M. Toronto, 1940, 13: 218-24.—**Petrov, S. I., & Emdina, K. L.** [Effect of radiation of the quartz lamp on the physical development of young children] Sovet. pediatrii., 1935, No. 7, 32-8.—**Pierret, R.** Enfants et cures thermales. Bull. méd., Par., 1931, 45: 284-8.—**Piery, C.** Cures hydro-climatiques et croissance. Gaz. méd. France, 1936, 43: Suppl. therm. No. 8, 13-8.—**Pighini, G.** L'azione della radioemanzione sulla maturazione puberale. Endocr. pat. cost., Bologna, 1936-37, 12: 225-36.—**Rosenthal, A. S.** [Answer to V. L. Styrikovich's criticism of the author's paper: alimention of hypotrophic children on the basis of the alimentary glyceimic curve] Pediatria, Moskva, 1940, No. 2, 74-6.—**Schneider, E.** Cansas y tratamiento precoz de las malacias del desarrollo. Rev. med. germ. ibér. amer., 1937, 10: 241-50.—**Ursachen und Frühbehandlung der Wachstumsmalazien.** Tüchzi med. Mschr., 1938-39, 14: 70; 91.—**Stephan & Linke.** Ueber die Bedeutung der Erholungsfürsorge für entwicklungsgestörte Schulkinder. Zschr. Gesundhfs., 1923, 36: 133-46.—**Styrikovich, V. L.** [Discussion of A. S. Rosenthal's article: Alimention of hypotrophic children on the basis of the alimentary glyceimic curve] Pediatria, Moskva, 1940, No. 2, 72-4.—**Tarasevich, I. V., & Vyshnepolsky, B.** [Archicapillary condition in relation to psycho-physical underdevelopment of children; treatment with lipitren] Vrach. delo, 1931, 14: 1304-13.—**Voznesensky, V. P.** [Diseases of growth in surgery] Nov. khir. arkh., 1936, 37: 3-12.—**Wright, C. S., & Smith, T. O.** The prevention of deformity in children. Canad. J. M. & S., 1930, 67: 130-50.—**Zuck, T. T.** The measurement of aberrant developmental growth; the management of preadolescent disturbance. J. Pediat., S. Louis, 1933, 3: 424-33. Also repr.
- **Endocrine aspect.**
- See also **Growth; Growth hormone; also names of endocrine glands as Gonad; Pineal body; Pituitary, &c.**
- Abt, I. A.** Endocrines in relation to growth in childhood. Illinois M. J., 1940, 77: 137-41. Also Med. Surg. Suggestions, Madras, 1940, 9: 236-42.—**Aldrich, C. A.** Growth and development; the endocrine glands and growth. J. Pediat., S. Louis, 1935, 6: 392-404.—**Munns, G. F.** Growth and development; the endocrine glands and growth. Ibid., 1937, 10: 398-412.—**Barićy, M.** Les troubles du développement d'origine hypophysaire; acromégalie, gigantisme, infantilisme, nanisme, acromie. In Régul. hormon., Par., 1937, 147-54.—**Bauer, J.** Vegetationsstörungen und innere Sekretion. Wien. klin. Wschr., 1927, 40: 805-9.—**Berliner, M.** Endokriner Hoch- und Kümmerwuchs. Zschr. ärztl. Fortbild., 1929, 26: 352-5.—**Breitmann, M.** Sulla diagnostica endocrina in clinica medica ed in antropologia. Rass. internaz. clin. ter., 1935, 16: 631-9.—**Brink, V.** Anthropometry in endocrinology. S. Afr. M. J., 1934, 8: 715-7.—**Brody, S., & Berliner, V.** Endocrine mechanisms of growth and development. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 5: 600-8.—**Castellanos, A.** La influencia endocrina en la morfogenesis humana. Rev. méd. Rosario, 1932, 22: 1007-35.—**Crispoli, E.** Un caso non comune di disarmonia dell'accrescimento con sindrome pluriormonale. Endocr. pat. cost., Bologna, 1934, 9: 194-208.—**De Candia, S.** Due nuove forme di nanismo endocrino: il nanismo paratiroidico di Pende ed il matronismo precoce di Pende. Riforma med., 1933, 49: 1725-7.—**Einhorn, N. H., & Rowntree, L. G.** Some endocrine factors controlling growth and development in childhood. Pennsylvania M. J., 1938-39, 42: 1183-5.—**Engelbach, W.** Endocrinologic interpretation of normal weight, height and proportions. Endokrinologie, 1929, 5: 28-61.—**Schaefer, R. L., & Brosius, W. L.** Endocrine growth deficiencies: diagnosis and treatment; a preliminary clinical report. Endocrinology, 1933, 17: 250-62.—**Faure, G.** Les glandes endocrines et la morphologie de l'enfance. Nutrition, Par., 1938, 8: 335-50.—**Goldstein, H.** Rôle of the endocrines in the growth and nutrition of children. Med. J. & Rec., 1924, 119: 29-31.—**Growth; endocrine aspects.** Ther. Notes, Det., 1937, 44: 201-13.—**Herschman, O.** Klinik der Entwicklungsstörungen. In Handb. inn. Sekret. (Hirsch) Lpz., 1928, 3: 1. Hälfte, 396-436.—**Landmann, H. K.** Innere Sekretion und Orthopädie. Schweiz. med. Wschr., 1939, 69: 574-6.—**Maas, O.** Abhängigkeit der Wachstumsstörungen und Knochenkrankungen von Störungen der inneren Sekretion. Samml. Verdauungskr., 1926, 9: H. 7, 1-55.—**McCready, E. B.** Developmental hypoplasia (constitutional inferiority) in children with especial reference to endocrine dysfunction. Arch. Pediat., N. Y., 1923, 40: 287-305.—**Maragliano, D.** Alterazioni endocrine e deformità. Arch. ortop., Milano, 1929, 45: 625-728.—**Muggia, A.** Alterazioni endocrine e deformità. Ibid., 515-624.—**Maslov, M.** [Endocrine system and growth of a child] Vrach. gaz., 1927, 31: 1235; 1326; 1407. Also Tr. Vsesoiuz. sezd. detsk. vrach. (1927) 1929, 4: 6-41.—**Mira, F. de.** O crescimento e as secreções internas. Med. contemp., Lisb., 1928, 46: 65-9.—**Nowinski, W.** [Effect of thymocrescin and thyroxin on growth] Polska gaz. lek., 1932, 11: 936.—**Padoan, M.** Contributo allo studio dell'ipoevolutismo endocrinopatico. Gazz. internaz. med. chir., 1938, 48: 13-23.—**Pardo Urdapilleta, J. M.** Las glándulas de secreción interna y el crecimiento. Pediat. españ., 1928, 17: 307-22.—**Patiño Mayer, C., Rossi, A. R., & Boccia, D.** Matronismo de Pende. Rev. sudamer. endocr., B. Air., 1934, 17: 693-704.—**Peltesohn, S.** Innere Sekretionsstörung und angeborene Missbildung. Zschr. orthop. Chir., 1922-24, 43: 585-9.—**Rowntree, L. G., Clark, J. H.** [et al.] The role of the thymus and pineal glands in growth and development. N. York State J. M., 1936, 36: 1277-83.—**Russo Marchese, F.** Contributo alle conoscenze circa le correlazioni funzionali dei testicoli e della ipofisi in rapporto alla crescita. Clin. chir., Milano, 1936, 39: 261-77.—**Schereschewsky, T.** Troubles multiples du développement et glandes endocrines. Rev. fr. endocr., 1926, 4: 181-8.—**Thomas, E.** Endokrine Erkrankungen und Wachstumsstörungen im Kindesalter. Zschr. ärztl. Fortbild., 1932, 29: 236-9.—**Torricelli, C.** Studio della situazione neuroendocrina, in relazione all'accrescimento, nelle varie età dell'infanzia, mediante cento determinazioni della formula endocrinosierologica col metodo di Biot e Richard. Lattante, 1940, 11: 113-27.—**Webster, B.** The modifiability of growth by the administration of endocrine substances. J. Pediat., S. Louis, 1939, 11: 684-90.—**Werner, A. A.** The effect of the anterior lobe pituitary, the thyroid and the gonads upon preadult-growth. J. Missouri M. Ass., 1933, 30: 398-403.—**Wood, R. B.** Growth disturbances in children from viewpoint of disturbed endocrine glands. Internat. J. Orthodont., 1925, 11: 928-32.
- **Eugenic aspect.**
- Hoske, H.** Entwicklungsförderung und Anlagepflege. 36p. 8° Lpz., 1934.
- JAENSCH, E. R., & HENTZE, R.** Grundgesetze der Jugendentwicklung; Erkenntnisse der Jugendanthropologie in der Ausrichtung auf neu-deutsche Erziehung. 217p. 23½cm. Lpz., 1939.
- Silevaerts, C., & Govaerts, A.** Une grave menace pèse sur notre avenir racique, nouveaux symptômes de déficience progressive de la robusticité de la jeunesse belge. Mém. couron. Acad. méd. Belgique, 1934-35, 25: No. 3, 1-95.
- Wesselink, D. G.** [Symptoms that show bodily decline in our population] Geneesk. gids, 1934, 12: 674-83.
- **Examination methods.**
- See also **Anthropology; Body; Mental test, &c.**
- AMERICAN CHILD HEALTH ASSOCIATION, N. Y.** Nutritional status indices: method of obtaining measures of musculature, subcutaneous tissue, and weight with allowance for skeletal build (Boys and girls, 7 to 12 years of age) 66p. 4° N. Y., 1935.
- BALDWIN, B. T., BUSBY, L. M., & GARSIDE, H. V.** Anatomic growth of children; a study of some bones of the hand, wrist, and lower forearm, by means of roentgenograms. 88p. 8° Iowa City [1928]
- BONDÉREV, A. P.** *[On the measurement of growth and different parts of the body of children] 280p. 8° S. Petersburg, 1902.
- BÜHLER, C., & HETZER, H.** Testing children's development from birth to school age; transl. from the first German ed. (1932) by H. Beaumont. 191p. 8° N. Y. [1935]
- EINHORN, G.** *Zur Kenntnis der menschlichen Wuchsform; weitere Untersuchungen zur Frage der Kennzeichnung der verschiedenen Wuchs-

formen nach dem von H. Rautmann angegebenen Verfahren [Freiburg] p.18-27. 8°. Berl., 1931.

Todd, T. W. Measuring the growth of children. 11p. 8°. Cleveland, Ohio, 1931.

Zeller, W. Entwicklungsdiagnose im Jugendalter. 92p. 24½cm. Lpz., 1938.

Bakwin, H., & Bakwin, R. M. Body build in infants; the technique of measuring the external dimensions of the body in infants. J. Clin. Invest., 1931, 10: 369-75. Also repr.—Bayer, L. M., & Gray, H. Plotting of a graphic record of growth for children aged from 1 to 19 years. Am. J. Dis. Child., 1935, 50: 1408-17.—Berkow, S. G. The status of biometry in endocrine diagnosis. Am. J. Obst., 1937, 34: 114-18.—Boas, F. Studies in growth. Human Biol., 1935, 7: 303-18.—Boyd, E. The experimental error inherent in measuring the growing human body. Am. J. Phys. Anthropol., 1929-30, 13: 389-432.—Boyd, J. D. Clinical appraisal of growth in children. J. Pediat., S. Louis, 1941, 18: 289-99.—Clough, H. D. A photographic method for studying the growth and nutrition of children. Proc. Soc. Exp. Biol., N. Y., 1923-24, 21: 422. — & Murlin, J. R. Permanent records of growth and nutrition of children. Am. J. Dis. Child., 1928, 36: 425-33.—Courtis, S. A. The measurement of growth. Brit. J. Psychol., 1934, 25: 106-13.—Davenport, C. B. Individual vs. mass studies in child growth. Proc. Am. Philos. Soc., 1931, 70: 381-9.—Dentici, L. Il calibro dei vasi nel bambino come segno di accrescimento. Anat. Anz., 1934-35, 79: 376-83.—Dufestel, L. Les mensurations en série chez les enfants; leur valeur pour apprécier le développement physique. Méd. scol., Par., 1926, 15: 99-104.—Flachs. Die Bewertung des Gewichts in der Kinderheilkunde. Mschr. Kinderh., 1926, 34: 385.—Frontali, G. Misurazioni dirette di superficie corporea nel bambino. Riv. clin. pediat., 1927, 25: 241-55, pl.—Fürst, T. Vereinfachung der Wachstumskontrolle für Schule und Haus. Umschau, 1926, 30: 569-72.

Die Beurteilung des Entwicklungszustandes von Kindern und Jugendlichen durch den praktischen Arzt. Aertzl. Rdsch., 1932, 42: 153-7.—Garrehan, J. P. El perfil tóracoabdominal de los niños (nuevo medio de examen) Sem. méd., B. Air., 1926, 33: pt 2, 878-80.—Gasbarrini, A. Alcuni criteri desunti dalla cartella bio-clinico-radiologica-ortogenetica individuale di scolari in diverse età di crescita. Riv. pat. clin. tuberc., 1938, 12: 451-67.—Geldrich, J. [Tests on development and growth in children] Budapesti orv. uis., 1931, 29: 452-4. Also Klin. Wschr., 1930, 9: 167-9.—Gesell, A. A comparative method for demonstration of normal development in infancy. J. Am. M. Ass., 1926, 86: 1277-81.—Gillet, H. Quelles sont les mensurations indispensables pour s'assurer de la régularité du développement physique de l'enfant? Méd. scol., Par., 1922, 11: 303-7. Also Rev. anthropol., Par., 1922, 32: 392-6. — La mensuration taille assise est une mauvaise mesure. Méd. scol., Par., 1924, 13: 127.—Glazier, M. M. The estimation of the nutritional state in children. N. England J. M., 1940, 222: 180-4.—Godin, P. Pronostic de la stature de l'âge adulte chez le garçon de 13 ans. Bull. Soc. pédiat. Paris, 1934, 32: 506-8.—Heller, R. Ueber die Beurteilung körperlicher Entwicklung Jugendlicher bei Massenuntersuchungen. Zschr. Schulgesundh., 1926, 39: 63-6.—Herrmann, W. Eine einfache Formel zur Bestimmung des Körpergewichtes im Kindesalter. Mschr. Kinderh., 1930, 48: 506-8.—Importance (The) of measuring and weighing children. Ind. M. Rec., 1936, 56: 6-8.—Jansen, J. L. M. Sur l'établissement d'un adoloscogramme. Progr. méd., 1937, 1565.—Jenss, R. M., & Bayley, N. A mathematical method for studying the growth of a child. Human Biol., 1937, 9: 556-63.—Jones, H. E. Observational methods in the study of individual development. J. Consult. Psychol., 1940, 4: 234-8.—Keller, A. Die Beurteilung der körperlichen Entwicklung nach Zahlen. Fortsch. Med., 1926, 44: 782.—Kornfeld, W. Ueber die Beurteilung von Körperbau und Entwicklungszustand bei Kindern. Wien. klin. Wschr., 1929, 42: 1267-9. — Zur Bewertung von Grösse und Gewicht bei Knaben und Mädchen aller Altersstufen. Zschr. Kinderh., 1929, 48: 188-207. — Die Beurteilung von Körperbau, Entwicklungsablauf und Entwicklungsstörungen im Kindesalter. Wien. med. Wschr., 1931, 81: 949: 980.

Zur Bewertung von Grösse, Gewicht und Brustumfang bei Kindern und Jugendlichen. Zschr. Kinderh., 1933, 55: 720.

& Nobel, E. Ueber die Beurteilung des Ernährungszustandes bei Kindern. Wien. klin. Wschr., 1937, 50: 959-62.—Korolevich-Utzevich, E. [Anthropometry in the study of normal development in children] Pediatria, Moskva, 1930, 14: 435-41.—Krogman, W. M. Trend in the study of physical growth in children. Child Develop., 1940, 11: 279-84.—Kugelmass, I. N. Determining individual development. Arch. Pediat., N. Y., 1933, 50: 81-96.—Larini, D. Applicazione del metodo della media aritmetica su individui centrali per statura nel campo pediatrico. Endocr. pat. cost., Bologna, 1928, n. ser., 3: 75-8.—Liefmann, E. Körpermasse und Leistungsmessungen bei Kindern; ein neues Verfahren der Berechnung. Zschr. Kinderh., 1932-33, 54: 230-5.—Lucas, W. P., Pryor, H. B. [et al.] Methodology in the study and presentation of problems of growth and development especially as related to the adolescent period. Am. J. Dis. Child., 1935, 50: 555-60.—Lukášová, L. [Examination of individual growth] Anthropologie, Praha, 1937, 15: 55-70. Also Méd. scol., Par.,

1939, 28: 13.—Marshall, E. L. A comparison of 4 current methods of estimating physical status. Child Develop., 1937, 8: 89-92.—Matiegka, J. [The somatical age as an indicator of the development of children] Anthropologie, Praha, 1923, 1: 69-77.—Mayerhofer, E. Bemerkungen zur Mitteilungen von R. Heller über den Wert der Indizes zur Beurteilung des Ernährungszustandes von Kindern bei Massenuntersuchungen. Wien. med. Wschr., 1921, 71: 1598-601.—Mercken, F. Un nouveau pédiomètre. Bruxelles méd., 1932-33, 13: 978-82.—Mitchell, H. H. Physical measurement and nutritional status. J. Pediat., S. Louis, 1935, 6: 316-21.—Newman, S. Newer methods of determining condition of nutrition in children. Virginia M. Month., 1923-24, 50: 127-9.—Ostrovski, A. [Comparative value of physical development of children in groups] Pediatria, Moskva, 1927, 11: 255-67.—Pakhomychev, A. I. [Methods of determining physical development] Profess. pat. gig., 1929, 39-49.—Palmer, G. T. The measurement of nutritional status. Child Health Bull., 1930, 6: 45-50.—Pillai, M. J. S. The study of epiphyseal union for determining the age of South Indians; a study of 100 cases, chiefly from the Madras schools and colleges, ages ranging from 10 to 23. Ind. J. M. Res., 1935-36, 23: 1015-7.—Pohlen, K. Die Bewertung des Ernährungszustandes von Säuglingen. Reichsgesundhbl., 1935, 10: 538-40.—Procedures of the adolescent growth study. J. Consult. Psychol., 1939, 3: 177-80.—Ritt, E. F., & Sawtell, R. O. Growth studies by Roentgen ray. Am. J. Phys. Anthropol., 1930-31, 14: 1-8.—Scammon, R. E. The first seriatic study of human growth. Ibid., 1927, 10: 329-36.—Schleissner, F. Somatogramme. Mschr. Kinderh., 1929, 43: 484-93. — Graphische Darstellung endogener Wachstumsstörungen im Somatogramm. Acta pædiat., Ups., 1931, 11: 335-7 [Discussion] 341. Also Arch. Kinderh., 1931-32, 95: 269-77.—Simon, T., & Vermeulen, G. Un procédé de figuration du développement physique des enfants. Bull. Soc. clin. méd. ment., Par., 1921, 9: 71-5.—Stuart, H. C. Observation of growth of children in pediatric practice. Am. J. Dis. Child., 1939, 57: 1417-21.—Taylor, A. Skeletal changes associated with increasing body size. J. Morph., 1935, 57: 253-74.—Terrien, E. Evaluation rapide de l'état de croissance et de la ration normale du nourrisson. J. diét., Par., 1911, 2: 10-4.—Thompson, H. A measuring-board for infants. Am. J. Phys. Anthropol., 1929-30, 13: 281-6.—Thorpe, E. S., jr. Reflections on the nature of growth and the rational appraisal of growth in children. Med. Clin. N. America, 1935, 19: 307-17.—Todd, T. W. Punching the time-clock of age. Proc. Interst. Postgrad. M. Ass. N. America, 1929, 5: 236-38, pl. — Physical analysis in the adolescent problem. Tr. Am. Pediat. Soc., 1931, 43: 18-20. Also Am. J. Dis. Child., 1932, 43: 533-46.—Tripputi, V. Ricerche comparative tra metodo di Godin e metodo di Viola applicati in bambini sani e infetti di tubercolosi. Endocr. pat. cost., Bologna, 1928, n. ser., 3: 166-73.—Turpin, R. Introduction à l'étude de la croissance humaine. J. méd. chir., Par., 1935, 106: 381-8.—Tuxford, A. W. The estimation of physique and nutrition in children. J. Hyg., Lond., 1939, 39: 203-16.—Vasilevsky, N. P. [Individual evaluation of physical development in children with consideration of standardized deviations of principal symptoms in relation to age] Pediatria, Moskva, 1940, No. 9, 107-12.—Washburn, A. H. The appraisal of healthy growth and development from birth to adolescence. In Pract. Pediat. (Brennemann, J.) Hagerstown, 1937, 1: chap. 8, 1-25.—Wetzel, N. C. On the motion of growth; prolegomena to the clinical study of human growth and metabolism. J. Pediat., S. Louis, 1933, 3: 252-64.—Whitney, A. The weighing and measuring of school children. Child Health Bull., 1930, 6: 39-45.—Wightman, G. S. Yardsticks for measuring children. Bull. Chicago Tuberc. Sanit., 1922, 3: No. 3, 10-8.—Wilson, E. B. The place of statistics in studies of child development. Child Develop., 1940, 11: 319-25.—Wurzinger, S. Vergleichende Entwicklungsstudien an Säuglingen und Kleinkindern. Klin. Wschr., 1929, 7: 594-6.—Zeller, W. Die Bestimmung der Maturität in der Entwicklung der Jugendlichen. Zschr. Gesundhfw., 1934, 1: 13-33.—Zook, D. E. The physical growth of boys; a study by means of water displacement. Am. J. Dis. Child., 1932, 43: 1347-432.

female.

LIEBEGOTT [K. H.] H. *Körpermessungen an 7309 Frankfurter Volksschülerinnen. 18p. 8°. Lpz., 1934.

MIETZSCH, E. [R.] *Körpermessungen an 4548 höheren Schülerinnen aus verschiedenen Teilen Deutschlands [Leipzig] 20p. 8°. Zeulenroda, 1935.

SCHENKEL, C. *Untersuchungen über die Variabilität der Grösse und des Gewichtes bei körperlich gut entwickelten deutschen Studentinnen [Freiburg i. B.] p.498-510. 8°. Berl., 1927.

Also Zschr. ges. Anat., 2. Abt., 1927-28, 13:

STENBORG, G. Wachstum schwedischer Mädchen und ein neuer Konstitutionsindex. 38p. 26cm. Lund [1938]

STREITBERG, H. E. *Körpermessungen an 1830 höheren Schülerinnen Leipzigs [Leipzig] 16p. 8°. Zeulenroda, 1934.

Arnold, A., & Streitberg, H. Körperuntersuchungen an 1830 höheren Schülerinnen Leipzigs. Zschr. menschl. Vererb., 1935, 19: 197-212.—Bayer, L. M. Build variations in adolescent girls. J. Pediat., S. Louis, 1940, 17: 331-44.—Boillin, M. L. A study of the anthropometric measurements of college women; an answer to the college girl's query: how much should I weigh? Res. Q. Am. Phys. Educ. Ass., 1932, 3: 173-82.—Boynton, B. The physical growth of girls; a study of the rhythm of physical growth from anthropometric measurements on girls between birth and 18 years. Univ. Iowa Stud., 1936, 12: No. 4, 1-105.—Cock, J. Data for reference; stature and weight of students in higher schools for girls. School Hyg., Lond., 1910, 1: 175.—Diehl, H. S. The heights and weights of American college women. Human Biol., 1933, 5: 600-28.—Elderton, E. M., & Moul, M. On the growth curves of certain characters in women and the interrelationship of these characters. Ann. Eugen., Camb., 1927-28, 3: 277-336.—Friant, Les écolières de la Moselle, accroissement de leur taille entre 7 et 12 ans et comparaison avec les écoliers mosellans. Bull. Soc. anthrop. Paris, 1931, 8, ser., 2: 17-24.—Giuffrida-Ruggeri, V. Il significato sessuale del peso del corpo e della statura durante lo sviluppo. Riv. antrop., 1922-23, 25: 13-28.—Gould, H. N. The physique of women students at Newcomb College of Tulane University; the weight-height index of body build. Res. Q. Am. Phys. Educ. Ass., 1932, 3: 111-6.—Stature, weight and body build by national extraction. Human Biol., 1933, 5: 122-9.—The physique of women students at Newcomb College of Tulane University; increase in stature at college, based on repeated measurements of the same individuals. Ibid., 1939, 11: 220-33.—Gray, H., & Gower, C. Growth standards of height and weight for girls in private schools. Am. J. Dis. Child., 1928, 35: 411-3.—Grützner, G. Körperwachstum und Körperproportionen 15-19jähriger Schweizerinnen. Arch. Julius Klaus Stift., 1927, 3: 95-218.—Hoeven, P. C. T. van der [The 15 year old girl]. Ned. tschr. geneesk., 1934, 78: 634-41.—Hsley, M. L. Preliminary study of correlations on measurements of men and women students at Claremont colleges. Am. J. Hyg., 1934, 19: 753-5.—Jacob, R. Heights and weights in a girls' public school. Nature, Lond., 1938, 142: 436.—Nobécourt, P. La croissance staturale des filles pendant la période pubertaire. Rev. gén. clin. théor., 1930, 44: 561-8.—Modalités de la croissance staturale des filles de haute taille. Arch. méd. enf., 1931, 69: 149.—Pryor, H. B. Certain physical and physiologic aspects of adolescent development in girls. J. Pediat., S. Louis, 1936, 8: 52-62.—Raiford, T. E. The relationship between height and weight of male and female infants between the ages of 2 weeks and 1 year. Human Biol., 1938, 10: 409-16.—Rosso, S. Osservazioni antropometriche sui fanciulli dell'alta Valle di Susa. Pediat. med. prat., Tor., 1939, 14: 607-27.—Rotch, T. M. A comparison in boys and girls of height, weight and epiphyseal development. Tr. Am. Pediat. Soc., 1910, 22: 36-8.—Young, M. Age of full stature in female and epiphyseal union in long bones of lower limbs. Am. J. Phys. Anthropol., 1928-29, 12: 285-91.

Mental and motor.

See also Behavior; Child psychology; Education; Intelligence; Learning; Mental deficiency; Mental test; Mind; &c.

BALLMER, H. *Körperentwicklung, Körperleistung und ihre Beziehungen [Bern] 30p. 24cm. Zür., 1939.

BAYLEY, N. Mental growth during the first 3 years; a developmental study of 61 children by repeated tests. 92p. 8°. Worcester, 1933.

BÜHLER, K. Die geistige Entwicklung des Kindes. 2. Aufl. 463p. 8°. Jena, 1921.

— The mental development of the child; a summary of modern psychological theory. 170p. 8°. Lond., 1930.

— From birth to maturity; an outline of the psychological development of the child. 237p. 8°. Lond., 1935.

CAREY, T. F. *The relation of physical growth to developmental age in boys. 119p. 8°. Wash., D. C., 1935.

CHADWICK, M. Difficulties in child development. 206p. 8°. Lond. [1937]

CHILD DEVELOPMENT. Balt., v.1, 1930—

GESELL, A. L. The mental growth of the preschool child; a psychological outline of normal development from birth to the sixth year, including a system of developmental diagnosis. 447p. 8°. N. Y., 1925.

— AMATRUDA, C. S. [et al.] Biographies of

child development. 328p. 24cm. N. Y. [1939]

GESELL, A., THOMPSON, H., & AMATRUDA, C. S. Infant behavior; its genesis and growth. 343p. 8°. N. Y. & Lond., 1934.

HRDLÍČKA, A. Children who run on all fours, and other animal-like behaviors in the human child. 418p. 8°. N. Y., 1931.

JOHNSON, B. J. Mental growth of children in relation to rate of growth in bodily development; a report of the Bureau of Educational Experiments, New York City. 160p. 8°. N. Y. [1925]

JONES, H. E., & CONRAD, H. S. The growth and decline of intelligence; a study of a homogeneous group between the ages of 10 and 60. p.223-98. 8°. Worcester, 1933.

JUSTIN, F., & SNYDER, M. E. Directed observation in child development. 165p. 28 x 20cm. Bost. [1938]

MUMFORD, A. A. Healthy growth; a study of the relation between the mental and physical development of adolescent boys in a public day school. 348p. 8°. Lond. & Edinb., 1927.

PICHON, E. Le développement psychique de l'enfant et de l'adolescent. 374p. 8°. Par., 1936.

RICHARDSON, H. M. The growth of adaptive behavior in infants; an experimental study at 7 age levels. p.195-359. 8°. Worcester, 1931.

SNODDY, G. S. Evidence for two opposed processes in mental growth. 103p. 8°. [Lancaster, Pa.] 1935.

ABRAMSON, H. The influence of disease upon motor development during childhood. Psychol. Bull., 1931, 31: 800-14.

ALDRICH, C. A. The role of gratification in early development. J. Pediat., S. Louis, 1939, 15: 578-82.—Allen, F. H. The dilemma of growth. Arch. Neur. Psychiat., Chic., 1937, 37: 859-67.—Armstrong-Jones, R. The growth of the mind. Med. Off., Lond., 1929, 42: 277-80.—Baldwin, B. T. Mental development of children. Psychol. Bull., 1923, 20: 665-83.—Bancroft, J. Chemical conditions of mental development. Irish J. M. Sc., 1935, 6, ser., 302-13.—Bayley, N., & Jones, H. E. Environmental correlates of mental and motor development: a cumulative study from infancy to 6 years. Child Develop., 1937, 8: 329-41.—Bechterew, W. von. Ueber die Entwicklung der psychischen Tätigkeit. Deut. med. Wschr., 1913, 39: 2284; 2332.—Bellussi, A. Sullo sviluppo fisico di un gruppo di alunni delle scuole comunali di Roma, in rapporto all'età, al profitto scolastico e alla condotta. Zaccaria, 1923, 2: 76-84.—Borrino, A. Osservazioni su alcuni ritardi della deambulazione nei bambini. Clin. Igien. inf., 1930, 5: 81-106.—Boselli, A. Sullo sviluppo fisico ed intellettuale dello scolaro. Bull. sc. med. Bologna, 1907, 8, ser., 7: 515-32.—Brooks, F. D. Rate of mental growth, ages 9 to 15. J. Educ. Psychol., 1921, 12: 502-10.—Bryan, A. I., Garrett, H. E., & Perl, R. E. A genetic study of several mental abilities at the 3 age levels. Psychol. Bull., 1934, 31: 702.—Bryant, A. T. Mental development of the South African native. Eugen. Rev., Lond., 1917, 9: 42-9.—Child's growth in capacity precedes his achievements. Science News Lett., 1934, 25: 205.—Conrad, H. S., Jones, H. E., & Hsiao, H. H. Sex differences in mental growth and decline. J. Educ. Psychol., 1933, 24: 161-9.—Courtis, S. A. La courbe de croissance et la détermination inductive des éléments psychologiques. Arch. psychol., Genève, 1930-31, 23: 167-78.—Cox, C. M. On the early mental development of a group of eminent men. Abstr. Dis. Stanford Univ., 1924-26, 1: 44.—Coxe, W. W. The influence of pupil grouping on the development of non-intellectual qualities. Child Res. Clin. Ser., 1936, 3d Inst., 31-5.—Dayton, N. A. The relationship between physical defects and intelligence. N. England J. M., 1929, 201: 245-59.—Height, weight, and intelligence relationships in 13,939 retarded children examined by 15 Massachusetts traveling school clinics, 1921-32. Proc. Am. Ass. Ment. Defic., 1937, 61, Sess., pt 2, 84-100.—Di Vestea, A. Sviluppo del corpo umano e sua importanza per la educazione psico-psichica dello scolaro. Igien. della scuola, 1915, 6: 33-48.—Doll, E. A. Growth studies in social competence. Proc. Am. Ass. Ment. Defic., 1939, 63, Session, No. 2, 90-6.—Farnell, F. J. Child growth and emancipation. Arch. Pediat., N. Y., 1936, 53: 630-4.—Frank, L. K. The problem of child development. Child Develop., 1935, 6: 7-18.—Gadelius, B. [Physical development and mental hygiene of children of school age] Hygiea, Stockh., 1923, 85: 756-87.—Gesell, A. The measurement and prediction of mental growth. Psychol. Rev., 1927, 34: 385-90.—Research in child development. School & Soc., 1929, 29: 765-7.—Clinical aspect of child development research. J. Pediat., S. Louis, 1935, 7: 651-4.—Some observations of developmental stability. Psychol. Monogr., 1936, 47: No. 2, 35-46.—The diagnosis and supervision of mental growth of infancy. In

- Pract. Pediat. (Brennemann, J.) Hagerstown, 1937, 1: chap. 9, 34. — The appraisal of mental growth careers. J. Consult. Psychol., 1939, 3: 73-5. — **Gilbrin, M.** Le développement psychique de l'enfant et de l'adolescent. Arch. internat. neur., Par., 1936, 55: 477-80. — **Gillespie, R. D.** Growth of mind and body. Med. Press & Circ., Lond., 1929, n. ser., 127: 259. — **Guibert.** Evolution mentale, son apogée, ses lois. Bull. Soc. anthrop. Paris, 1904, 5. ser., 5: 615-20. — **Habakkuk, E. G.** A statistical study of the physique of elementary school children, with special reference to their mentality. J. Hyg., Camb., 1926-27, 25: 295-323. — **Hollingsworth, L. S.** Do intellectually gifted children grow toward mediocrity in stature? J. Genet. Psychol., 1930, 37: 345-60. — **Ives, A. W.** Mental development of the child and the public school curriculum. Detroit M. J., 1909, 9: 327-32. — **Klein, M.** The development of a child. Internat. J. Psychoanal., Lond., 1923, 4: 419-74. — **Koffka, K.** Mental development. Pedagog. Semin., Worcester, 1925, 32: 659-73. — **Kornfeld, W.** Ueber die Habitusentwicklung in Pubertätszeit. Wien. klin. Wschr., 1937, 50: 1610-4. — **Kratochvil, J. J.** [The child's gait and its modifications during growth]. Anthropologie, Praha, 1930, 8: 46-68. — **Kroh, O.** Die Anfänge der psychischen Entwicklung des Kindes in allgemeinspsychologischer Beleuchtung. Zschr. Psychol. Physiol. Sinnesorg., 1. Abt., 1926, 100: 325-43. — Die Gesetzmäßigkeit geistiger Entwicklung. Zschr. pädag. Psychol., 1936, 37: 1, 49, 97. — **Ledent, R.** Le développement mental de nos enfants. Méd. scol., Par., 1925, 14: 246-8. — **Lehman, H. C.** Growth stages in play behavior. Pedagog. Semin., Worcester, 1926, 33: 273-88. — **Looff, C.** L'évolution de l'intelligence des jumeaux. Acta paediat., Upps., 1931, 12: 41-74. — **Lord, E. E.** A study of the mental development of children with lesion in the central nervous system. Genet. Psychol. Monogr., 1930, 7: 371-486. — **Mazzeo, M.** Sviluppo psichico del bambino e del fanciullo. Fol. med., Nap., 1934, 20: 1211, 1935, 21: 198. — **Mead, C. D.** Height and weight of children in relation to general intelligence. Pedagog. Semin., Worcester, 1914, 21: 394-406. — **Middleton, W. C., & Moffett, D. C.** The relation of height and weight measurements to intelligence and to dominance-submission among a group of college freshmen. Res. Q. Am. Ass. Health, 1940, 11: No. 4, 53-9. — **Miles, C. C., & Miles, W. R.** The correlation of intelligence scores and chronological age from early to late maturity. Am. J. Psychol., 1932, 44: 44-78. — **Mills, C. D.** Mental development. Ohio M. J., 1907-8, 3: 310-5. — **Pilon, A.** A propos de la psychopédagogie ou du développement psychique de l'enfant et de l'adolescent. J. Hôtel Dieu Montréal, 1936, 5: 154-8. — **Plaget, J.** Principal factors determining intellectual evolution from childhood to adult life. In Factors Determ. Human Behav. (Harvard Tercent. Conf.) 32-48. — **Poull, L. E.** The effect of improvement in nutrition on the mental capacity of young children. Child Develop., 1938, 9: 123-6. — **Querido, A.** [Body development in normal and feeble-minded children]. Geneesk. bl., 1932, 30: 41-81. — **Roudinesco & Violet.** Rapports entre la croissance staturale et le développement intellectuel d'écolières parisiennes. Bull. Soc. pédiat. Paris, 1939, 37: 123-31. — **Schlesinger, E.** Der Habituswechsel im Kindesalter. Zschr. ges. Anat., 2. Abt., 1932-33, 17: 558-79. — **Schuster, W.** Die natürliche Entfaltung der Intelligenz. Internat. Zschr. Individpsychol., 1937, 15: 52-65. — **Simon, T., & Vermeulen, G.** Comparaison du développement physique (tailles et poids) d'enfants normaux et anormaux. Bull. Soc. clin. méd. ment., Par., 1921, 9: 75-9. — **Sippel, H.** Wachstum, Uebung, Gedächtnis, Reifung. Gesundheit. & Erzieh., 1937, 50: 209-13. — **Skeels, H. M., & Fillmore, E. A.** The mental development of children from underprivileged homes. J. Genet. Psychol., 1937, 50: 427-39. — **Stuiver, E.** Symmetrical development, or does our present school system develop the highest powers of the pupil? J. Am. M. Ass., 1900, 35: 1606-12. — **Sullivan, E. T.** The mental development of 33 ten-year old children. J. Juven. Res., 1930, 14: 27-33. — **Tulchin, S. H.** The relation of mental to physical growth. Welfare Mag., Pontiac, 1926, 17: No. 3, 6-21. — **Variot, G.** Observations et remarques sur le parallélisme du développement du système nerveux et du système dentaire pendant la croissance des jeunes enfants. Bull. Soc. anthrop. Paris, 1928, 7. ser., 9: 89-93. Also Rev. gén. clin. théor., 1928, 42: 452-5. Also Rev. odont., Par., 1928, 49: 618-24. — **Vinokurov, I. J.** [Role of pediatrics in the mental development of children]. Odess. med. J., 1926, 1: 26-32. — **Washburn, R. W.** Mental development. In Pract. Libr. M. & S. (Appleton) N. Y., 1935, 7: 615-23. — **Weigl, F.** Zur seelischen Differenzierung fünfzehn- bis sechzehn-jähriger Fortbildungsschülerinnen. Zschr. pädag. Psychol., 1929, 30: 336-47. — **Weinbach, A. P.** Some physiological phenomena fitted to growth equations, Moro reflex. Human Biol., 1937, 9: 549-55. — **Wilcocks, R. W.** On the distribution and growth of intelligence. J. Gen. Psychol., 1932, 6: 233-75. — **Wile, I. S.** Physical and physiological growth as a factor in child adjustment. N. York State J. M., 1936, 36: 809-13. — **Yenko, P. D.** [Connection between the physical and mental development]. Russ. vrah, 1903, 2: 1668-70. — **Zuck, T. T.** The relation of physical development to mental expansion. Child Res. Clin. Ser., 1936, 3d Inst., 6-15.
- **Metabolism and energy requirements.**
- See also Infant, Nutrition; Nutrition.
- Beard, H. H.** A biometric study of the relation between the excretion of creatinine nitrogen and several body measurements. Human Biol., 1932, 4: 351. — **Bloxson, A. P.** Vitamin B requirements in infancy. Am. J. Dis. Child., 1929, 37: 1161-8. — **Brehme, T., György, P., & Keller, W.** Ueber Stoffwechseleigenümlichkeiten des wachsenden Organismus. Jahrb. Kinderh., 1928, 3. F., 70: 42-7. — **Crevel, S. van** [Carbohydrate metabolism and growth]. Ned. tsschr. geneesk., 1930, 74: 955. — **Daniels, A. L., & Hejninian, L. M.** Growth in infants from the standpoint of physical measurements and nitrogen metabolism, uric acid. Am. J. Dis. Child., 1929, 38: 507-12. — **Fanconi.** Das Kochsalzbedürfnis des Kindes. Mschr. Kinderh., 1929, 44: 114-22. — **Findlay, L.** The food requirements of the infant. Pub. Health, Lond., 1928-29, 42: 5-12. — **Fleming, G. B.** The influence of growth on the basal metabolism of children. Am. J. Dis. Child., 1923, 25: 85-8. — **Gamble, J. L.** The general terms of the food requirement. In Pract. Pediat. (Brennemann, J.) Hagerstown, 1937, 1: chap. 23, 9. — **György, P., Brehme, T., & Brahdly, M. B.** Ueber Stoffwechseleigenümlichkeiten des wachsenden Organismus. Jahrb. Kinderh., 1927-28, 3. F., 68: 178-214. — **Hentschel, H.** Ueber den Gesamtsterin- und Ergosterinhaushalt während der Entwicklung des Organismus. Zschr. Kinderh., 1931-32, 52: 623-46. — **Jäger, O.** Hexosemonophosphatase und Wachstum. Mschr. Kinderh., 1928, 38: 65. — **Johnston, J. A., & Maroney, J.** Basal metabolism in the period of growth with relation to the previous diet. Am. J. Dis. Child., 1935, 50: 1336. — **Landau.** Ueber das Verhalten der Serumalze bei Gewichtsschwankungen verschiedener Genese. Mschr. Kinderh., 1923-24, 27: 421. — **Lereboullet, P.** Les besoins alimentaires dans la première année de la vie. Bull. Acad. méd., Par., 1937, 3. ser., 117: 90-7. — **Lucas, W. P., Pryor, H. B. [et al.]** Basal metabolic rate variations in relation to body build at adolescence and allergy in children. J. Pediat., S. Louis, 1933, 3: 856-69. — **Morse, J. L.** The necessary requirements in a minimum diet for infants and children. N. England J. M., 1934, 210: 1057-61. — **Nakagawa, I.** Growth and basal metabolism, basal metabolism of elementary school children. Am. J. Dis. Child., 1934, 48: 35-8. — Growth and basal metabolism, biometric study of basal metabolism of preschool and elementary school children. Ibid., 3: 43. — Growth and basal metabolism, changes in the basal metabolism of children during a year. Ibid., 1935, 49: 1232-9. Also repr. — **Nutritive** (The) requirements during the first year of life. Clin. J., Lond., 1937, 66: 384-6. — **Popoviciu, G., Benetato, G. [et al.]** [Metabolism during growth]. Cluj. med., 1933, 14: 403-5. — **Raue, C. S., & Fisher, C. C.** The caloric requirements in infancy, a clinical study. Hahne-man. Month., 1932, 67: 942-8. — **Rubner, M.** Ernährungsvorgänge beim Wachstum des Kindes. Arch. Hyg., Berl., 1908, 66: 81-208. — **Smith, C. H.** Food requirements of young infants. Am. J. Dis. Child., 1937, 54: 194-6. — **Titaev, A. A.** [Growth peculiarities in resorption of carbon hydrates and pentones]. Bull. eksn. biol. med., 1940, 9: 273-5. — **Ullrich, O.** Klinischer Kraftwechsel und energetische Körpermassesetze auf Grund neuer Ermittlungen an Säuglingen und Kleinkindern. Zschr. Kinderh., 1929, 47: 38-50. — **Wetzel, N. C.** On the motion of growth; further analysis of energetics of heat production with special reference to basal metabolism during prolonged human fasting. Proc. Soc. Exp. Biol., N. Y., 1932, 30: 354-8.
- **Normal averages and proportions.**
- See also subheading Periods; also Height and weight.
- PRUDENTIAL INSURANCE CO. OF AMERICA.** Table of height and weight at varying ages; based upon an analysis of accepted male applicants for life insurance, as reported 1897. chart. 25 x 21½cm.
- ROGERS, J. F.** [Individual height-weight record] 1 l. 4? Wash. [1931]
- RUH, H. O., & GARVIN, J. A.** The child's development and health record. 107p. 4? N. Y. 1928.
- TOBLER, L.** *Untersuchungen über die Körperlänge und ihre Variationen an Stellungspflichtigen der Kantone Luzern, Schwyz, Unterwalden und Appenzell; als Beitrag zur Kenntnis der Determinanten des Längenwachstums. p.235-71. 8? Zür., 1937.
- UNITED STATES. DEPARTMENT OF LABOR. CHILDREN'S BUREAU.** Table of heights and weights of children. fold. leaf. 8? [Wash., 1923]
- WEINERT, H.** Zickzackwege in der Entwicklung des Menschen. 161p. 8? Lpz., 1936.
- WOOD, T. D.** Right height and weight for boys. chart. 61 x 48cm. Wash. [1923]
- Baldwin, B. T.** Increments of growth for different types of children, with special reference to height, weight and breathing capacity development. Tr. Nat. Tuberc. Ass., N. Y., 1922, 18: 600-13. — Weight-height-age standards in metric units for American-born children. Am. J. Phys. Anthropol., 1925, 8: 1-10. — **Berger, J.** Das relative mittlere Gewicht der Kinder als Index ihres Ernährungszustandes. Zschr. Gesundheitsf.,

- 1923, 36: 101-8. — Die Gesetze der körperlichen Entwicklung des kindlichen Organismus. Ibid., 234-42. — **Berkson, J.** Growth changes in physical correlation: height, weight, and chest circumference, males. *Human Biol.*, 1929, 1: 462-502. — **Boas, F.** The tempo of growth of fraternal twins. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 413-8. — **Böning, H.** Ueber die Abhängigkeit des Körperbauindex gleichaltriger Jugendlicher von der Körpergrösse. *Anthrop. Anz.*, 1926, 3: 250-6. — **Brock, J., & Brockmann, A. W.** Zur Kenntnis der Körperproportionen während des Wachstums. *Zschr. Kinderh.*, 1934, 56: 227-36. — **Clark, T., & Collins, S. D.** Indices of nutrition, the application of certain standards of nutrition to 506 native white children without physical defects and with good or excellent nutrition as judged from clinical evidence. *Pub. Health Rep.*, Wash., 1923, 38: 1239-70. — **Dalmark, P. C. J.** [Investigations on the weight and height of boys at Sorø Academy School in the 10 year period 1912-21] Ugeskr. læger, 1923, 85: 771-4. — **Davenport, C. B.** Human growth curve. *J. Gen. Physiol.*, 1926-27, 10: 205-16. — **Diffre, H.** Modifications normales de la taille et du poids. *Presse therm. clim.*, 1935, 76: 567-9. — **Dublin, L. I., & Gebhart, J. C.** Do height and weight tables identify undernourished children? *Am. J. Pub. Health*, 1923, 13: 920-7. — **Dunstan, W. R.** Correlation in growth. *Med. Off.*, Lond., 1936, 55: 257. — Heights and weights of adolescents. Ibid., 56: 35. — **Elsberg, C. A., & Spornitz, H.** The growth formula of Bertalanffy and its similarity to equations for excitation and recovery in the central nervous system. *Human Biol.*, 1939, 11: 402-7. — **Engel, S., & Runge, E.** Normaltafeln des Kindesalters. *Zschr. Kinderh.*, 1922, 33: 61-4, 2 pl., ch. — **Frassetto, F.** Delle leggi che vincolano i pesi alle stature nell'uomo dalla nascita fino ai sei anni. *Clin. pediat.*, Mod., 1922, 4: 305-17, pl. — **Freed, I.** Height-weight-age standards as an index of nutrition of children. *S. Afr. M. J.*, 1935, 9: 467-70. — **Frey, W.** Das Wachstum nach konstanten Proportionen. *Klin. Wschr.*, 1930, 9: 1897-9. — **Fürst, T.** Die Bedeutung der Kontrolle der Gewichts- und Längstabellen bei Kindern und Jugendlichen. *Gesundh. & Erzieh.*, 1936, 49: 112-6. — **Fujii, T.** Statistische Beobachtungen über das Wachstum der Kinder in Kioto, über die Doppelkorrelation der Körperteile zwischen Sitzhöhe, Körperlänge und Körpergewicht. *Mitt. Med. Akad. Kioto*, 1939, 26: 97. — **Gray, H., & Edmands, G. H.** Indices of the state of nutrition in children. *Am. J. Dis. Child.*, 1922, 23: 226-37. — **Hayes, C. E.** Nutritional status of children, changing viewpoints on the use of the height-weight-age ratio as an index. *Med. Woman J.*, 1933, 40: 146-50. — **Hejninian, L., & Hatt, E.** The stem-length, recumbent-length ratio as an index of body type in young children. *Am. J. Phys. Anthropol.*, 1929-30, 13: 287-307. — **Heuer, F.** Untersuchungen über die Variabilität von Körpergrösse und Körpergewicht deutscher Studenten. *Zschr. ges. Anat.*, 2. Abt., 1931, 16: 130-42. — **Koch, E. W.** Tempo und Endeffekt menschlichen Wachstums unter Berücksichtigung der neuesten Grosstatistik der statistischen Zentralstelle des Verbandes deutscher Lebensversicherungsgesellschaften. *Reichsgesundhbl.*, 1936, 11: 327-30. — **Kornfeld, W.** Ueber Normalwerte für Grösse und Gewicht bei Kindern und Jugendlichen. *Wien. klin. Wschr.*, 1933, 46: 683-7. — **Schüller, H.** Ueber Durchschnittswerte und Bewertungsgrundlagen des Handgelenkumfanges bei Kindern verschiedener Altersstufen. *Zschr. Kinderh.*, 1929, 48: 208, 1930, 49: 277. — **Lambolez, R.** Graphique du poids et de la taille de l'enfant. *Bull. méd.*, Par., 1925, 39: 644. — Loi de croissance de la taille et du poids dans la première et la seconde enfance. Ibid., 1232-4. — **Lonie, T. C.** Weight, height and nutrition: observations from the Isle of Ely. *J. Hyg., Camb.*, 1934, 34: 131-40. — **Lucas, W. P.** Normal development of the child. *Hosp. Social Serv.*, 1923, 7: 1-15. — **Pryor, H. B.** Physical measurements and physiologic processes in young children, some correlations. *J. Am. M. Ass.*, 1931, 97: 1127-33. — Range and standard deviations of certain physical measurements in healthy children. *J. Pediat.*, S. Louis, 1935, 6: 533-45. — **MacConaill, M. A.** The stature of male school-children in relation to hair and eye colour. *Ann. Eugen. Camb.*, 1937-38, 8: 117-25. — **Merrell, M.** The relationship of individual growth to average growth. *Human Biol.*, 1931, 3: 37-70. — **Mills, H. B.** The normal infant and child. *Med. J. & Rec.*, 1926, 123: 99-103. — **Monrad.** [Height and weight of children] *Ugeskr. læger*, 1934, 96: 215. — **Murdoch, K., & Sullivan, L. R.** A contribution to the study of mental and physical measurements in normal children. *Am. Phys. Educ. Rev.*, 1923, 28: 209, 276, 328. — **Myers, B.** Statistics concerning the height, weight and other measurements of 1,400 London children. *Brit. J. Child. Dis.*, 1926, 23: 87-107. — **Nesbit, H. T.** Regarding normal development of children. *Dallas M. J.*, 1935, 21: 24. — **Nobécourt, P.** Proportions des membres inférieurs et du buste (rapport de Manouvrier) suivant les tailles, pendant l'enfance et la jeunesse. *Progr. méd.*, Par., 1929, 44: 2133-42. — Le périmètre thoracique des enfants et des jeunes gens de haute stature. *Gaz. hôp.*, 1930, 103: 1749, 1821. — **Osugi, K., & Yoshida, K.** Die Grundformeln bezüglich der wachsenden Körperstatur des Menschen (vorläufige Mitteilung). *Fol. anat. jap.*, 1929-30, 8: 433-7. — **Owen, S.** Normal development in the infant and young child. *West London M. J.*, 1932, 37: 1-18. — **Powell, E.** The present status of physical indices. *Res. Q. Am. Ass. Health*, 1940, 11: No. 2, 3-17. — **Pryor, H. B.** Width-weight tables, revised. *Am. J. Dis. Child.*, 1941, 61: 300-4. — **Putnam, J. J.** The ideal weight of children. *Arch. Pediat.*, N. Y., 1922, 39: 71-85. — **Rautmann, H., & Duras, F.** Untersuchungen über die Variabilität der Grösse und des Gewichtes bei körperlich gut entwickelten deutschen Studenten. *Zschr. ges. Anat.*, 2. Abt., 1927-28, 13: 487-97. — **Richet, C.** fils. Le rapport normal du poids et de la taille chez l'enfant. *J. méd. fr.*, 1928, 17: 153. — Rendement de la ration de croissance chez l'enfant. *J. physiol. path. gén.*, 1929, 27: 522-7. — **Robertson, T. B.** Criteria of normality in the growth of children. *Med. J. Australia*, 1922, 1: 570-6. — **Rokhlin, D. G., & Pchelova, E. I.** [Correlation between the growth of children and adolescents and the length of their carpal bones] *Vest. rentg.*, 1936, 16: 109-13. — **Rosenow, C.** Weight and skeletal build. *Am. J. Orthopsychiat.*, 1933, 3: 55-64. — **Ruger, H. A., & Stoessinger, B.** On the growth curves of certain characters in man (males) *Ann. Eugen.*, Camb., 1926-27, 2: 76-111. — **Schlesinger, E.** Tafel zur Bewertung von Grösse, Gewicht und Brustumfang der Kinder und Jugendlichen. *Zschr. Kinderh.*, 1933, 55: 389-91. — **Spitz, H.** Ueber die körperliche Entwicklung des Kindes. *Zschr. Krüppelfürs.*, 1924, 17: 5, 37. — **Steggerda, M., & Densen, P.** Height, weight, and tables for homogeneous groups. *Child Develop.*, 1936, 7: 115-20. — **Stuart, H. C.** Standards of physical development for reference in clinical appraisal, suggestions for their presentation and use. *J. Pediat.*, S. Louis, 1934, 5: 194-209. — **Talbot, F. B.** Studies in growth, growth in normal children. *Am. J. Dis. Child.*, 1924, 27: 541-55. — **Turner, C. E., Lougee, W. W.** [et al.] Rate of growth as a health index. *Res. Q. Am. Phys. Educ. Ass.*, 1935, 6: 29-40. Also repr. — **Wetzel, N. C.** On the motion of growth; human growth in weight from early fetal to adult life. *Proc. Soc. Exp. Biol.*, N. Y., 1932, 30: 227-32. — **Williams, E. H.** Tables indicating progressive increase of development in boys examined for the naval service, and some remarks on the growth of the human body, with practical reference to the changes, in size and proportion, of the heart, during the period of adolescence. *Statist. Rep. Health Navy, Lond.*, 1903, 149-72. — **Wissler, C.** The growth of boys, correlations for the annual increments. *Am. Anthropol.*, 1903, 5: 81-8.
- **Periods.**
- BALDWIN, B. T.** The physical growth of children from birth to maturity. 411p. 8°. Iowa City, 1921.
- FLEMING, R. M.** A study of growth and development; observations in successive years on the same children. 85p. 8°. Lond., 1933.
- GESELL, A.** Infancy and human growth. 418p. 8°. N. Y., 1928.
- HASTINGS, W. W.** Manual for physical measurements for use in normal schools, boys' clubs, girls' clubs, and Young Men's Christian Associations with anthropometric tables for each height of each age and sex from 5 to 20 years, and vitality coefficients. 112p. fol. Springf., Mass., 1902.
- MAYET, L.** Le développement physique de l'enfant; étude sommaire des principaux éléments d'appréciation de la croissance normale du corps de l'enfant. 2. éd. 30p. 8°. Par., 1913.
- PFUHL, W.** Topographische Anatomie und äussere Gestalt; Wachstum und Proportionen. p.191-292. 8°. Münch., 1928.
- RAND, W., SWEENEY, M. E., & VINCENT, E. L.** Growth and development of the young child. 394p. 8°. Phila., 1930. Also 2. ed. 429p. 1934. Also 3. ed. 462p. 20½cm. 1940.
- SCHMID, L.** *Beitrag zur Gliederung des menschlichen Körpers während des Wachstums (obere und untere Extremität) [Erlangen] 22p. 8°. Bonn, 1926.
- SCHWAB, H.** *Beitrag zur Kenntnis der Gliederung des menschlichen Körpers während des Wachstums. 25p. 8°. Erlangen, 1925.
- Also Sitzber. Phys. med. Soz. Erlangen (1924-25) 1926, 56: 57: 46-95.
- WETZEL, G., & PETER, K.** Charakteristik der wichtigsten Entwicklungsstadien des Kindes. p.845-916. 26cm. Münch., 1938.
- Adam, A.** Einfache Tabelle zur Bestimmung von Länge und Gewicht insbesondere norddeutscher Kinder von der Geburt bis zum vierzehnten Lebensjahre. *Jahrb. Kinderh.*, 1933, 3. F., 89: 377. — **Ariens Kappers, J.** [The weight of the brain and body of man and its relation during ontogenesis] *Ned. tsehr. geneesk.*, 1936, 80: 3784-94. — **Baldwin, B. T., & Smith, M. E.** Physical growth of 2 generations of one family. *J. Hered.*, 1925, 16: 243-58. — **Bazzocchi, G.** Dati per lo studio dell'anatomia quantitativa dalla nascita alla piccola pubertà. *Arch. ital. anat.*, 1935-36, 34: 265-92, 2 ch. — **Bischoff, H.** Physio-

logie des Klein- und Schulkindes. Mschr. Kinderh., 1935-36, 64: 414-8.—Bissett, L., & Laslett, H. R. A study of height, weight, and age among high school boys. J. Juven. Res., 1932, 16: 291-303.—Brock, J. Weiterer Beitrag zur Kenntnis der kindlichen Gestalt. Mschr. Kinderh., 1933, 56: 179-81.

— Nachträge zum Ersten Bande, Wachstum: Körpergewicht und Körperlänge, Proportionen, Habitus. In Biol. Daten Kinderarzt (J. Brock) Berl., Bd 3, 1939, 338-48.—Coppoletta, J. M., & Wolbach, S. B. Body length and organ weights of infants and children; a study of the body length and normal weights of the more important vital organs of the body between birth and 12 years of age. Am. J. Path., 1933, 9: 55-70.—Cuzzolino, O. L'accrescimento, attributo essenziale del bambino. Athena, Roma, 1935, 4: 76-80.—Dastre, A. The stature of man at various epochs. Rep. Smithson. Inst., 1903-4, 517-32.—Faber, H. K. A weight range table for children from 5 to 15 years of age. Am. J. Dis. Child., 1929, 38: 758-61.—Godin, P. Les proportions du corps pendant la croissance de 13½ ans jusqu'à 17½ ans que à la naissance, à 6 ans et à 23½ ans, représentées en millièmes de la taille. Bull. Soc. anthrop. Paris, 1910, 268-97.—Hanne, R. Gewicht und Grösse bei 6 Kindern einer Familie im Verlaufe der Entwicklung. Klin. Wschr., 1935, 14: 1434-7. Also repr.—Harris, H. A. Growth in children: clinical, radiological, and histological. Tr. M. Soc. London, 1931, 54: 279-92, 4 pl.—Isola, D. Contributo allo studio dell'accrescimento ponderale e scheletrico durante la fanciullezza e la prima adolescenza. Arch. biol., Genova, 1925, 2: 19-27.—Kimpflin, G. Les lois de la croissance pendant l'enfance et l'adolescence. C. rend. Acad. sc., 1914, 158: 801-3.—Koch, F. W. Wesen und Abschluss der Wachstumsänderung: stabilisierter Schnellwuchs des Menschen. Deut. med. Wschr., 1938, 64: 1068-70.—Lattes, E. Su due semplici formule per la determinazione della statura e del peso normali nell'età infantile. Pediat. med. prat., Tor., 1931, 6: 731-40.—McCloy, C. H. An analysis for multiple factors of physical growth at different age levels. Child Develop., 1940, 11: 249-77.—Mazzeo, M. Dell'accrescimento corporeo del bambino. Fol. med., Nap., 1934, 20: 1045, 1100.—Meredith H. V. The rhythm of physical growth, a study of 18 anthropometric measurements on Iowa City white males ranging in age between birth and 18 years. Univ. Iowa Stud., 1935, 11: No. 3, 1-128.—Pagliani, L. Le développement de l'organisme humain de l'enfance à l'âge adulte. Méd. scol., Par., 1926, 15: 104-9.—Poulton, E. P. Metabolism, general nutrition, and growth in infancy and childhood. Lancet, Lond., 1936, 1: 258.—Puccioni, N. Prime ricerche sulla crescita dei miei due figli. Arch. antrop. etnol., Fir., 1921, 51: 17-50.—Sawtell, R. O. Ossification and growth of children from 1 to 8 years of age. Am. J. Dis. Child., 1929, 37: 61-87.—Schlötz, C., & Seland, B. Welche Bedeutung hat der Geburtsmonat für die Zukunft des Kindes? Zschr. Kinderh., 1933, 55: 348-56.—Stefko, W. Veränderungen des Wachstums bei den Kindern der Gegenwart. Mschr. Kinderh., 1928, 30: 149-60.—Tamburri, T. Ricerche biometriche sulla crescita dei due sessi dalla nascita ai 12 anni nella popolazione ligure. Endocr. pat. cost., Bologna, 1933, n. ser., 8: 51-7.—Valle, T. Dati biometrici del bambino della Provincia di Pavia dalla nascita i dodici anni. Pediat. med. prat., Tor., 1935, 10: 44-58.—Wallis, W. D. Anatomie lag. Human Biol., 1934, 6: 524-42.—Wetzel, N. C. Clinical aspects of human growth and metabolism with special reference to infancy and preschool life. J. Pediat., S. Louis, 1934, 4: 465-93. Also repr.—Zeller, W. Die körperliche Form des Jugendlichen. Gesundheitsförs. Kindesalt., 1933, 8: 79-99.

— Periods, fetal and neonatal.

See also **Fetus; Newborn; also Dystocia; Labor.**

AUCLAIR, J. M. *Etude des gros enfants nés en 1928 à la Maternité de l'Hôpital Boucicaut. 130p. 8° Par., 1929.

BEEKING, P. *Beiträge zur Statistik und Aetiologie von Riesenkindern. 18p. 8° Lpz., 1935.

DÉTRÉ, F. *L'avenir des gros nouveau-nés. 64p. 8° Par., 1938.

DETLING, H. *Zusammenhang zwischen dem Gewichtssturz des Neugeborenen und dem Alter der Mutter [Erlangen] 44p. 8° Nürnberg, 1929.

FAHLBUSCH, W. *Wie weit ist das Geburtsgewicht erbbedingt? [Berlin] 26p. 8° Lippstadt-Westf., 1934.

FALKENSTEIN, R. *Das Verhältnis des Gewichtes des Kindes zu demjenigen der Mutter [Basel] 31p. fol. Lörrach-Stetten, 1936.

FIEGLER, J. *Hat die Jahreszeit einen Einfluss auf das Geburtsgewicht und kann dieses willkürlich beeinflusst werden? 20p. 8° Bresl., 1937.

HASCHENZ, W. *Variationsstatistische Untersuchungen über das Gewicht der reifen Frucht und der Placenta. 23p. 8° Gött., 1934.

HUWE, J. *Das Durchschnittsgewicht der ausgetragenen neugeborenen Kinder der letzten 25 Jahre in Pommern. 16p. 22cm. Greifswald, 1938.

KELLER, W. F. *Lässt die Betrachtung der Geburtsgewichte einen Einfluss der Kriegs- und Inflationsnöte auf die Volksgesundheit Deutschlands erkennen? 25p. 8° Münch., 1928.

LANGE, F. *Ueber die Häufigkeit übergrosser Kinder und über den Geburtsverlauf bei denselben [Münster] 23p. 20½cm. Lönigen i. O., 1938.

LINDBERG [S.] G. *Ueber konstitutionell bedingte Ueber- und Untermässigkeit normal ausgetragener Neugeborener [Leipzig] 24p. 23½cm. Radebeul-Dresd., 1937.

MAIER, W. *Ueber die Zunahme der Neugeborenenlänge seit Beginn des 20. Jahrhunderts. 29p. 21½cm. Tüb., 1937.

MOULLÉ, P. *La courbe de poids du nouveau-né au cours des premiers jours. 48p. 24cm. Par., 1939.

OBERLÄUTER, E. *Das Verhalten des kindlichen Geburtsgewichtes bei steigender Geburtenzahl ein und derselben Mutter [Bonn] 15p. 8° Bad Godesberg, 1931.

POINAS, J. *De l'hypodéveloppement précoce des nouveau-nés; d'après une statistique hospitalière. 69p. 25cm. Lyon, 1939.

ROTHHAMMER, W. F. *Die Häufigkeit übergrosser Kinder bei normaler Tragzeit bearbeitet nach dem Geburtsmaterial der Universitäts-frauenklinik Erlangen (1926-25) 32p. 8° Erlangen, 1929.

SCAMMON, R. E., & CALKINS, L. A. The development and growth of the external dimensions of the human body in the fetal period. 367p. 4° Minneap., 1929.

SCHNEIDER, K. [H.] *Untersuchungen über die Gewichtsverhältnisse der Neugeborenen bei und ohne Pro Ossa-Verabreichung an die Mütter im Wochenbett [Würzburg] 38p. 8° Gütersloh-Westf., 1934.

SCHREIBER, O. *Anthropologische Messungen an Neugeborenen [Göttingen] p.675-90. 8° Berl., 1928.

SCHULTE, F. *Körpergewicht und achtzehn verschiedene Körpermasse bei 300 Kölner Neugeborenen. 31p. 8° Köln, 1936.

STEIL, Z. O. *Schwangerschaftsdauer und Kindeslänge [Zürich] 21p. 23cm. Stanislawow [1938]

WOLTERS, K. *Wie werden Länge, Gewicht und Geschlecht des Neugeborenen durch Alter der Mutter, durch die Zahl der vorangegangenen Geburten, die Schwangerschaftsdauer, sowie durch die soziale Stellung der Mutter beeinflusst? [Münster i. Westf.] 21p. 8° Quakenbrück, 1929.

Abels, H. Jahreszeitliche Geburtsgewichtsschwankungen. Mschr. Kinderh., 1927, 37: 33-5.—Aburel, E., & Ornstein, J. La calcémie et le poids des nouveau-nés. C. rend. Soc. biol., 1930, 104: 1247-9.—Acosta-Sison, H., & Galang, J. S. Role of the gelatin formula in reducing the postnatal birth weight of the newborn. J. Philippine Islands M. Ass., 1936, 16: 177.—Allmeling, A. Die Gewichtszunahme von Neugeborenen infolge postnataler Transfusion. Zbl. Gyn., 1930, 54: 850-60.—Aly Fuad. Average weight of Egyptian infants. J. Egypt. M. Ass., 1932, 15: 669-74.—Anderson, J. A. Effect of relative humidity on insensible weight loss of the newborn infant. Proc. Soc. Exp. Biol., N. Y., 1940, 44: 464.—Effect of relative humidity on the insensible loss of weight and the temperature of the skin of the newborn infant. Am. J. Dis. Child., 1940, 60: 995.—Ansorge. Vergleichende Uebersicht über Geburtsgewichte und Lebensaussichten der Neugeborenen. Zbl. Gyn., 1938, 62: 1309-11.—Antonov, A. W. [Variations in weight of infants during the first days] J. det. bole., 1925, 1: 16-26.—Arnold, L. E. An attempt to control fetal weight; preliminary report. Am. J. Obst., 1940, 39: 99-102.—Bakwin, H., & Bakwin, R. M. Seasonal variation in the weight loss of

- newborns. *Ibid.*, 1929, 18: 863-7. — External dimensions of the new-born. *Am. J. Dis. Child.*, 1934, 48: 1234-6. — **Bivings, L.** Racial, geographic, annual, and seasonal variations in birth weights. *Am. J. Obst.*, 1934, 27: 725-8. — **Bluhm, A.** Die Bedeutung des Geburtsgewichtes für die körperliche Entwicklung des Individuums. *Arch. sozial. Hyg.*, 1928, n. F., 3: 425-43. — **Borisowa, N. A.** Die Beziehungen zwischen dem Gewicht und den Körpermassen bei Neugeborenen. *Mschr. Geburtsh. Gyn.*, 1935-36, 101: 66-71. — **Borovansky, L.** [Contribution to the craniometry of the skull of the newborn] *Anthropologie, Praha*, 1937, 15: 5-27. — **Brander, T.** Ueber die Bedeutung des unternormalen Geburtsgewichts für die weitere körperliche und geistige Entwicklung der Zwillinge. *Zschr. menschl. Vererb.*, 1937-38, 21: 306-13. — **Buchner, E. F., jr.** The rate of growth before birth. *J. Ten. nessee M. Ass.*, 1936, 29: 131-4. — **Calkin, L. A., & Scammon, R. E.** Empirical formulae for the proportionate growth of the human fetus. *Proc. Soc. Exp. Biol.*, N. Y., 1924-25, 22: 353-7. — **Capelli-Vegni, A.** Contributo di osservazioni intorno allo sviluppo ponderale del neonato in rapporto alla professione della madre e intorno a variazioni di peso di neonati partoriti tra il 1911 e il 1931 nella clinica L. Mangiagalli di Milano. *Ann. ostet. gin.*, 1932, 54: 1457-98. — **Caravias, D. E.** El peso del recién nacido: datos estadísticos recogidos sobre un total de 10,000 niños nacidos en la Maternidad del Hosp. T. de Alvear. *Sem. méd.*, B. Aires, 1932, 39: 608. Also *Actas Congr. nac. med.*, B. Air. (1931) 1932, 4 Congr., pt 5, 307-11. — **Carreño, C.** Peso y dimensiones del recién nacido. *Arch. argent. pediat.*, 1932, 3: 779-95. — **Cates, H. A., & Goodwin, J. C.** The 12-day old baby. *Human Biol.*, 1936, 8: 433-50. — **Chidester, F. E.** Biochemistry in the service of medicine; prenatal development. *J. Med. Pract.*, 1936, 1: 18-21. — **Cole, W. C. C.** Obstetrical influences on the weight curve of the newborn. *Surg. Gyn. Obst.*, 1939, 68: 179-86. — **Crawford, W. H.** Loss of weight in the new-born. *Am. J. Dis. Child.*, 1935, 50: 1070-2. — **Cuizza, E. S.** Dati biometrici sul neonato torinese. *Lattante*, 1937, 8: 469-90. — **De Leonardis, V.** Il peso dei neonati in rapporto alle possibili quantità di vitamine introdotte dalla gestante nelle varie stagioni. *Monit. ostet. gin.*, 1939, 11: 157-72. — **De Luca, B.** Indici biometrici del neonato grossetano. *Pediatr. (Riv.)*, 1933, 41: 1382-401. — **Del Vivo & Corinaldesi.** Le développement de l'œuf humain au terme de la grossesse. *Progr. méd.*, Par., 1925, 40: 1645-51. — **Donnelly, J. D.** Initial weight-loss reduction in newborns. *Pennsylvania M. J.*, 1934-35, 38: 851-4. — **Drossel.** Beobachtungen über Beziehungen zwischen Gewicht und Trinkmengen bei Neugeborenen. *Arch. Kinderh.*, 1929, 88: 30-40. — **Eder, H. L., & Bakewell, B.** Effect of sodium citrate on the loss of weight in the new-born infant. *Am. J. Dis. Child.*, 1931, 42: 1079-85. — Prevention of weight loss in the new-born. *Arch. Pediat.*, N. Y., 1932, 49: 756-62. — **Epstein, I. M., & Thompson, I.** Prevention of weight loss in new-born infants. *Ibid.*, 1937, 54: 133-6. — **Ericson, S.** The smallest baby to survive. *J. Am. M. Ass.*, 1938, 111: 1583. — **Escardo, F.** La curva ponderal del recién nacido en la primera semana. *Prensa méd. argent.*, 1934-35, 21: 418-28. — **Fels, E., & Sandberg, H.** Zur Frequenz und Aetiologie der untergewichtigen geborenen Kinder. *Mschr. Geburtsh. Gyn.*, 1935, 100: 248-57. — **Gerschenson, A. O.** Zur Frage des Einflusses einiger Faktoren auf das Gewicht der Neugeborenen. *Zschr. Kinderh.*, 1931, 51: 20-30. — **Gold-schmidt, H.** Ueber die Entwicklung des Neugeborenen bei Erkrankung der Mutter. *Klin. Wschr.*, 1927, 6: 206-8. — **Gregersen, N. F.** The weight of the baby at birth. *Acta obst. gyn. scand.*, 1937, 17: 75-81. — **Gunstad, B., & Treolar, A. E.** The relationship between the length and weight of the new-born infant and the height and weight of the mother. *Human Biol.*, 1936, 8: 565-80. — **Guthmann, H., & Knöss, S.** Mit welcher Sicherheit lässt sich aus der Kindersgröße die Tragzeit ermitteln? *Zbl. Gyn.*, 1939, 63: 2636-55. — **Hamilton, B.** The relation between water and dry substance in the human fetus; an example of constant differential growth rate. *Acta paediat.*, Upps., 1935-36, 18: 272-8. — **Hanley, B. J.** Gain of weight in pregnancy in relation to weight of new born. *West. J. Surg.*, 1934, 42: 251-4. — **Harris, J. A.** On correlation between age of parents and length and weight of the newborn infant. *Proc. Soc. Exp. Biol.*, N. Y., 1925-26, 23: 801-5. — Relationship between pregnancy order and birth order and length and weight of newborn infants. *Ibid.*, 806-8. — **Haselhorst, G., & Allmeling, A.** Die Gewichtszunahme von Neugeborenen infolge postnataler Transfusion. *Zschr. Geburtsh. Gyn.*, 1930, 98: 103. — **Hooker, D.** Functional and morphological studies of human prenatal development. *Yearb. Am. Philos. Soc.* (1937) 1938, 221-3. — **Iancu, A., & Voicu, I.** [Effect of seasons on the weight of the new-born] *Cluj. med.*, 1939, 20: 125. — **Ince, J. G. H.** On the value of cephalometry in the estimation of foetal weight; based on measurements of 1,010 infants. *J. Obst. Gyn. Brit. Empire*, 1939, 46: 1003-10. — **Iob, V., & Swanson, W. W.** Mineral growth of the human fetus. *Am. J. Dis. Child.*, 1934, 47: 302-6. — **Jelinek-Vorlíček, M.** Einige anthropologische Messungen an Schädeln von Neugeborenen. *Zschr. Geburtsh. Gyn.*, 1936-37, 114: 271-304. — **Jonen, P.** Zur Biologie der intrauterinen Fruchtentwicklung. *Arch. Zool.*, Berl., 1930-31, 144: 559 [Discussion] 567. — Die Entwicklung der Leibesfrucht ist durch die Ernährung der Mutter beeinflussbar. *Arch. Kinderh.*, 1932-33, 98: 32-42. — Der Einfluss der mütterlichen Ernährung auf die Entwicklung der Leibesfrucht. *Zschr. Geburtsh. Gyn.*, 1932, 103: 192. — **Junck, A.** Versuch einer medikamentösen Beeinflussung der akuten Gewichtsstürze. *Mschr. Kinderh.*, 1938, 73: 175-83. — **Kaern, T.** On the birth of abnormally big children. *Acta obst. gyn. scand.*, 1936, 16: 189-201. — **Kajikawa, K.** Ueber Korrelationen zwischen dem Kopfumfang und der Körperlänge sowie dem Körpergewicht Neugeborener. *Nippon fujinkagakkai zasshi*, 1932, 27: No. 7-12, 27. — **Kato, T.** Studies on the physiological weight loss of new born infants. *Orient. J. Dis. Inf.*, Kyoto, 1934, 16: 6. — **Kimura, Y.** Statistische Beobachtungen bei Riesenneugeborenen. *Nippon fujinkagakkai zasshi*, 1934, 29: 48-50. — **King, G., & Tang Yü Teh.** Obstetrical criteria in North China; the weights and measurements of the mature new-born child. *Chin. M. J.*, 1937, 52: 501-6. — **Kontsek, B.** [Effect of external factors on weight and length of the new-born] *Orv. hetil.*, 1938, 82: 309-13. — **Kugelmass, I. N., Berggren, R. E. L., & Cummings, M.** Preventing loss of weight in the new-born. *Am. J. Dis. Child.*, 1933, 46: 280-308. Also *N. York State J. M.*, 1933, 33: 1365-73. — **Landa, E.** El índice cefalométrico en los niños recién nacidos. *Mem. Congr. méd. nac. mex.*, 1910, 4 Congr., 505-8. — **Lascano, J. C., & Halac, E. S.** Sobre el descenso de peso fisiológico del recién nacido. *Arch. lat. amer. pediat.*, B. Air., 1929, 23: 43-8. Also *Rev. espec.*, B. Air., 1938, 3: 848-54. — **Law, J. L.** Insensible loss of weight in infancy: the findings in 46 infants under basal conditions. *Univ. Hosp. Bull.*, Ann Arb., 1937, 3: 69. — & **Frederick, W. G.** Insensible loss of weight in infancy; findings for 46 infants under basal conditions. *Am. J. Dis. Child.*, 1938, 55: 966-78. — **Le Riche, H.** The birth weights of European infants born at the Mothersbond Maternity Hospital, Pretoria, during the period 1933-35. *S. Afr. J. M. Sc.*, 1938, 3: 79-85. — **Li, Ting-An.** Seasonal variation of the birth weight of the newborn. *J. Pediat.*, S. Louis, 1936, 8: 459-69. — **Lifschitz, I. G.** [Amplitude of physiological decrease in weight in the new-born in relation to the first nursing] *Soviet. pediat.*, 1934, No. 10, 62-5. — **Loewenstein, E.** A new baby balance. *J. Lab. Clin. M.*, 1938-39, 24: 102-5. — **Manchester, R. C., Husted, C., & McQuarrie, I.** Influence of the state of hydration of the body on the insensible loss of weight in children. *J. Nutr.*, 1931, 4: 39-51. — **Martin, W. J.** A biometric study of the weights of infants during first days of life. *Ann. Eugen.*, Camb., 1931, 4: 327-38. — **Matarese, V.** Mestruazione e sviluppo fetale. *Clin. ostet.*, 1929, 31: 173-84. — **Mayer, A.** Bemerkungen zur Zunahme der Geburtslänge unserer Neugeborenen. *Zbl. Gyn.*, 1937, 61: 2734-42. — **Menotti Nardi, A.** Fattori multipli influenti sul peso del neonato primario di gestante lavoratrice italiana ed ungherese. *Prat. pediat.*, Milano, 1939, 17: 9-17. — **Meredith, H. V., & Brown, A. W.** Growth in body weight during the first 10 days of postnatal life. *Human Biol.*, 1939, 11: 24-77. — **Nafagas, J. C.** A comparison of the growth of the body dimensions of anencephalic human fetuses with normal fetal growth as determined by graphic analysis and empirical formulae. *Am. J. Anat.*, 1925-26, 35: 455-94. — **Némec, E.** [Weight of newborn infants in and out of wedlock and its significance in obstetrics] *Bratisl. lek. listy*, 1926-27, 6: 340-4. — **Nemcskay, T.** [Weight of newborn children] *Budapesti orv. ujs.*, 1933, 31: 282-4. — **Neonatal (The) line in human growth.** *J. Am. M. Ass.*, 1937, 108: 807. — **Obiglio, J. R.** Vitalidad de un feto de 900 gramos, los derechos del recién nacido. *Rev. med.*, Rosario, 1932-33, 7: 21-5. — **Okada, K.** Ueber die Verteilungen der Körperlänge der japanischen Neugeborenen. *Nippon fujinkagakkai zasshi*, 1932, 27: Nos. 7-12, 5. Also *Jap. J. Obst.*, 1933, 16: 242. — **Olmi, E.** L'accrescimento del lattante normale a Reggio Emilia. *Clin. pediat.*, Mod., 1935, 17: 49-80. — **Orsini, P.** Considerazioni sui rilievi biometrici dei neonati in un comune umbro. *Med. inf.*, Roma, 1939, 10: 366-76. — **Päiväsalo, A.** [Effect of the Emancipation war and the following period of hunger 1918-19 on the weight and size of the new-born in the General Maternity Hospital in Helsinki] *Duodecim, Helsin.*, 1938, 54: 704-12. — **Panina, L.** Studio sui dati biometrici e morfologici relativi al neonato della Provincia di Mantova. *Prat. pediat.*, Milano, 1939, 17: 283-91. — **Pantelleev, O. G.** [Data on physical development and feeding of the newly born] *Vopr. genet. reflex.*, 1929, 1: 171-97. — **Papp, G.** [Weight and ossification of skull in new-born] *Orv. hetil.*, 1933, 77: 195-9. — [Right-term newborn infants of low weight] *Gyógyász.*, 1936, 76: 712-4. — **Parakh, F. R.** Normal birth of a child weighing 16 pounds. *Lancet, Lond.*, 1928, 2: 500. — **Peluffo, E.** Peso y talla de nuestros niños recién nacidos. *Arch. urug. med.*, 1940, 17: 408-13. — **Perry, G. G.** An attempt to control the size of the baby. *South. M. & S.*, 1938, 100: 377-9. — **Piccioli, A.** Contributo allo studio dell'influsso vater esercitato da alcuni fattori sullo sviluppo somatico del feto e del neonato. *Lattante*, 1939, 10: 395-418. — **Plonskaia, V. P.** [On the prevention of loss of weight in the new-born] *Soviet. pediat.*, 1936, No. 5, 69-74. — **Porter, W. T., & Baird, P. C., jr.** Weight and the month of birth. *Am. J. Physiol.*, 1927, 81: 1-5. — **Rusch, H.** Ueber die physiologische Gewichtsabnahme beim Neugeborenen. *Zschr. Geburtsh. Gyn.*, 1939, 119: 1-13. — **Sanford, H. N.** Effect of various feedings on loss and gain of weight during the newborn period. *Am. J. Dis. Child.*, 1939, 58: 912. — **Scammon, R. E.** The ponderal growth of the extremities of the human fetus. *Am. J. Phys. Anthropol.*, 1930-31, 15: 111-21. — The growth of the chemical components of the body in fetal life and infancy. *Acta paediat.*, Upps., 1931, 11: 354 [Discussion] 355-8. — **Schiattino, L.** Durata della mestruazione e sviluppo fetale. *Ann. ostet.*, 1925, 47: 593-607, 2 pl. — **Schreiber, O.** Anthropologische Messungen an Neugeborenen. *Zschr. ges. Anat.*, 2. Abt., 1927-28, 13: 675-90. — **Siedentopf.** Ueber Veränderungen der Grösse und des Gewichtes von Neugeborenen. *Zbl. Gyn.*, 1935, 59: 2236. — **Sillman-Lönnroth, E.** Zur Frage der Gewichtsvariation des Neugeborenen bei Erstgebärenden. *Acta Soc. med. Duodecim*,

1935, ser. B, 23: No. 7, 1-32.—Skinner, H. H. A baby weighing 15 pounds 2 ounces at birth. *Am. J. Obst.*, 1936, 32: 511-13.—Slemmons, J. M., & Fagan, R. H. A study of the infant's birth-weight and the mother's gain during pregnancy. *Ibid.*, 1927, 14: 159-64.—Slobosiano, H., & Herscovici, P. Etude sur le poids, la taille et le buste des fœtus et des nouveau-nés à terme. *Nourrisson*, 1929, 17: 133-44.—Sontag, L. W., Pyle, S. I., & Cape, J. Prenatal conditions and the status of infants at birth; observations. *Am. J. Dis. Child.*, 1935, 50: 337-42.—Siadmulter, E. S. Weighing. *Week. Bull. California Dep. Pub. Health*, 1935, 14: 99.—Strassmann, E. Vitamine und Wachstum des Neugeborenen. *Med. Welt*, 1932, 6: 158-60.—Streeter, G. L. Prenatal growth of the child. *News Serv. Bull.*, Wash., 1936-38, 4: 127-32.—Swanson, W. W. The composition of growth: the full-term infant. *Am. J. Dis. Child.*, 1932, 43: 10-8.—Szenteh, I. [Influence of size and weight of the parents upon measurements of the newborn] *Budapesti orv. ujs.*, 1937, 35: 101-3.—Tatafiore, E. Dati biometrici del neonato napoletano normale. *Pediatria (Riv.)*, 1935, 43: 422-30, 2 ch.—Thoms, H., & Godfried, M. S. The interrelationships between fetal weight, size of pelvic inlet, and maternal height. *Yale J. Biol.*, 1938-39, 11: 355-62.—Torranga, L. J. [Vitamines and the growth of the new-born] *Ned. tscr. verlosk.*, 1936, 39: 39-43.—Treiter, V. A. [Defect in weight of new-born infants as sequel to the last war] *Yrach. delo*, 1926, 9: 434.—Tyson, R. M. Weight observations of the new-born. *Arch. Pediat.*, N. Y., 1928, 45: 21-8.—Udley, K. H. The birth weight of full term Cantonese babies. *Chin. M. J.*, 1940, 58: 582-91.—Vignes, H. La perte de poids physiologique du nouveau-né. *Nourrisson*, 1940, 28: 69-71.—Wahl, F. A. Die Grösse der Neugeborenen. *Med. Welt*, 1938, 12: 1553.—Waring, J. I. Prevention of loss of weight in the newborn. *J. S. Carolina M. Ass.*, 1936, 32: 188-91.—Wehefritz, E. Untersuchungen über die Körperlänge der reifen Frucht. *Arch. Gyn.*, Berl., 1927, 130: 221-5.—Zeltner, E. Ueber die Gewichtsabnahme Neugeborener, insbesondere Frühgeborener. *Gesundhfsr. Kindesalt.*, 1933, 8: 204-15.

— Periods: Infancy.

See also **Infant**.

DÖRR, J. *Leptosome und euryosome Säuglinge. 19p. 8°. Bonn, 1933.

HALLER, S. *Taille et poids du nourrisson. 60p. 25cm. Par., 1938.

WARKEN, K. *Variationsstatistische Untersuchungen über einige, klinisch wichtige Körpermasse im Säuglingsalter [Freiburg i. B.] 21p. 8°. Trier, 1927.

Antonov, A. Ein Gesetz der Gewichtszunahmen des gesunden Säuglings und seine praktische Anwendung. *Acta paediat.*, Upps., 1935, 17: 113-30.—Bakwin, H. Growth during infancy. *Med. Woman J.*, 1937, 44: 285-9. — & Bakwin, R. M. Body build in infants; the proportions of the external dimensions of the healthy infant during the first year of life. *J. Clin. Invest.*, 1931, 10: 377-94. Also repr. — Growth of 32 external dimensions during the first year of life. *J. Pediat.*, S. Louis, 1936, 8: 177-83.—Borra, V. Osservazioni sull'accrescimento ponderale dei lattanti nati a termine con peso leggero iniziale. *Med. inf.*, Roma, 1931, 2: 33-40.—Borsatti, E. L'accrescimento normale del lattante padovano. *Arch. ital. pediat.*, 1938, 6: 429-99.—Carpenter, H. C. Physical growth during the first 2 years. *Mother & Child*, 1923, 4: 128.—Clements, F. W. The growth curve of Australian infants during the first year of age. *Med. J. Australia*, 1933, 1: 543-9.—Cságoty, S. [Increase of weight in infants] *Orv. hetil.*, 1930, 74: 1065.—Davenport, C. B. Bodily growth of babies during the first postnatal year. *Contr. Embryol. Carnegie Inst.*, 1938, 27: 271-305. — & Drager, W. Growth curve of infants. *Proc. Nat. Acad. Sc. U. S.*, 1936, 22: 639-45.—Dietrich, G. Vergleichende Untersuchungen über die Entwicklung des Kindes in den ersten Lebensmonaten. *Arch. Gyn.*, Berl., 1928, 133: 805-32.—Figurin, N. L., & Denisov, M. P. [Stages in the development of the child from birth to 1 year of age] *Vopr. genet. reflex.*, 1929, 1: 19-80.—Frank, A. A study in infant development. *Child Develop.*, 1938, 9: 9-26.—Hainiss, E. [Constitution and development of infants] *Orv. hetil.*, 1937, 81: 421-4.—Hill, A. B., & Magee, H. E. Some observations on the weight and length of infants in the first year of life. *Med. Off.*, Lond., 1938, 60: 157, 167.—Hohlfeld, M. Körperhaltung und Körperlänge bei Kindern im ersten Lebensjahre. *Klin. Wschr.*, 1927, 6: 2118. Also *Arch. Kinderh.*, 1928, 83: 1-18.—Jorgensen, N. A note on physical proportions in the human infant. *Child Develop.*, 1939, 10: 213.—Karnitzky, A. O. Ueber die Gewichtszunahme gesunder Kinder im ersten Lebensjahre. *Jahrb. Kinderh.*, 1928, 3. F., 71: 277-84.—Kobayashi, T. Das Wachstum und die Proportionen beim normalen japanischen Säuglinge beiderlei Geschlechts; Kephalmetrie. *Orient. J. Dis. Inf.*, Tokyo, 1930, 7: 12-12.—Larini, D., & Anzano, V. Dati biometrici del neonato e del lattante bolognese normali. *Endocr. pat. cost.*, Bologna, 1931, n. ser., 6: 521-34, 5 ch.—Levine, S. Z., Wheatley, M. A., & McEachern, T. H. The composition of growth in infants. *Am. J. Dis. Child.*, 1935, 50: 551.—Maccioni, A. L'accrescimento del lattante normale a Cagliari. *Riv. clin. pediat.*, 1927, 25: 1-26.—Maresh, M. M., & Deming, J. The growth of the long bones in 80 infants, roentgenograms versus anthropometry. *Child*

Develop., 1939, 10: 91-106.—Mendilaharsu, J. R., & Diaz Bobillo, I. Antropometria en el lactante. *Sem. méd.*, B. Air., 1940, 47: pt 2, 1441-7.—Mensi, E. Nuovi orizzonti sulle leggi di accrescimento del lattante dalla nascita al primo anno di vita. *Clin. pediat.*, Mod., 1926, 8: 99-118.—Onufriev, P. A. [Physical development of infants from data of the Luga Clinic (Russia)] *J. izuch. rann. detsk. vozr.*, 1929, 9: 308-15.—Orlov, M. I. [Physical development of infants in Moscow according to data for 1937] *Pediatria, Moskva*, 1938, No. 9, 122-8, ch.—Physical traits of Iowa infants. *Am. J. Dis. Child.*, 1931, 42: 1137-43.—Pollini, L. Valore energetico del latte muliebri e accrescimento del bambino. *Osp. maggiore, Milano*, 1924, 3. ser., 12: 182-9.—Roi, G. La curva ponderale dei bambini durante il primo anno di vita nel Brestotrofo. *Clin. pediat.*, Mod., 1926, 8: 162-72.—Rossi, V. Ricerche antropometriche sul lattante normale a Pavia. *Lattante*, 1931, 2: 952-83.—Rusescu, A. Nouvelles tables de croissance des nourrissons de la naissance à un an. *Bull. Soc. anthrop. Paris*, 1925, 7. ser., 6: 162.—Southby, R. A standard of weight for Australian infants. *Med. J. Australia*, 1926, 2: 453-5.—Stimson, P. M. A quarter ounce gain per baby per day. *Med. Clin. N. America*, 1928, 12: 781-93.—Sweet, C. The postural development of infants, with special reference to the development of the function of walking and proper shoeing. *California West. M.*, 1926, 25: 181.—Vlès, F. Sur les corrélations entre l'évolution des poids des nourrissons, et les propriétés électriques manifestées à leur niveau. *C. rend. Acad. sc.*, 1933, 196: 216-8.—Walls, C. The baby's physical development. *Trained Nurse*, 1937, 99: 123-9.—Weinbach, A. P. Some physiological phenomena fitted to growth equations: time and power relations for a human infant climbing inclines of various slopes. *Growth, Ithaca*, 1940, 4: 123-34.—Zeltner, E. Ueber den Wachstumstrieb im Säuglingsalter. *Arch. Kinderh.*, 1936, 108: 95-112.

— Periods: 1.-6. year of age.

See also **Childhood**.

BERSOT, H. *Le rôle de la musculature dans le développement du petit enfant. 129p. 8°. Lausanne, 1926.

COMPARISONS of stature and weight of children from birth to 6 years of age. chart. 91 x 61cm. [Newark, N. J., 1920]

DRISCOLL, G. P. *The developmental status of the preschool child as a prognosis of future development. 111p. 8°. N. Y., 1933.

Alcantara, P. de. Um novo critério para a interpretação do peso da criança na primeira infância. *Pediat. prat.*, S. Paulo, 1931-32, 4: 210-24.—Bayley, N., & Davis, P. C. Growth changes in bodily size and proportions during the first 3 years: a developmental study of 61 children by repeated measurements. *Biometrika, Camb.*, 1935, 27: 26-87, 4 pl.—Brown, M. A. The relation of food to the growth of pre-school children. *Bimonth. Bull. Ohio Agr. Exp. Sta.*, 1931, No. 149, 73-6.—Grandprey, M. B. Range of variability in weight and height of children under 6 years of age. *Child Develop.*, 1933, 4: 26-35.—Higgins, R. A., & Peatman, J. G. A study of growth norms from birth to 5 years for children reared with optimal pediatrics and home care. *Tr. Am. Ther. Soc.*, 1938, 38: 96-9.—Kincaid, H. E. Observations on the heights and weights and growth of pre-school children in the city of Melbourne. *Med. J. Australia*, 1938, 1: 575-81.—Knott, V. B., & Merdith, H. V. Changes in body proportions during infancy and the preschool years: width of hips in relation to shoulder width, chest width, stem length, and leg length. *Child Develop.*, 1937, 8: 311-27.—Kornfeld, W. Wachstum und Körperdifferenzierung im frühen Kindesalter. *Wien. klin. Wschr.*, 1932, 45: 1182.—Korsunskaja, M. I. [Variations in the physical development of children of pre-school age in Moscow] *Pediatria, Moskva*, 1938, No. 2, 107-13.—Kozakevich, M. L. [Changes in the physical development in children of pre-school age] *Radianska med.*, 1940, 5: No. 4, 81-4.—Macmillan, J. The rate of growth (weight) of infants during the second year of life. *Med. Off.*, Lond., 1926, 35: 65.—Nakagawa, I. Growth and basal metabolism; basal metabolism of preschool children. *Am. J. Dis. Child.*, 1934, 47: 963-9.—Peatman, J. G., & Higgins, R. A. Height-weight variability from birth to 5 years of age for children reared with optimal pediatric and home care. *J. Genet. Psychol.*, 1939, 54: 165-80.—Salistovskaia, E. B. [Anthropometric measurements of children between 1 and 3 years of age in Moscow] *Pediatria, Moskva*, 1937, No. 8, 101-7.—Schütz, C. [Physical development of children from 2 to 6 years of age] *Norsk mag. lægevid.*, 1920, 81: 425-59.—Schwéers, O., & Freudenberg, K. Grösse und Gewicht von Berliner Kleinkindern. *Arch. sozial. Hyg.*, 1925-26, n. F., 1: 518-25.—Variot & Rusescu. Tables de croissance des enfants parisiens de 1 à 2 ans. *Bull. Soc. anthrop. Paris*, 1925, 7. ser., 6: 217-22.—Woodbury, R. M. Statures and weights of children under 6 year of age. *Am. J. Phys. Anthropol.*, 1922, 5: 5-16.

— Periods, prepuberal.

See also **School child**.

ACHACH, F. *Etude des indices de croissance

physique des enfants d'âge scolaire, 6-14 ans, Dispensaire d'hygiène sociale de l'Ecole de pédiatrie de la Faculté de médecine de Paris. 46p. 8°. Par., 1937.

BERGMANN, M. *Ueber das Längen- und Gewichtswachstum der Bonner Schuljugend im Jahre 1931. 24p. 8°. Bonn, 1934.

BURK, E. *Grössenmessungen an oberhessischen Schulkindern zugleich ein Beitrag zur Frage des menschlichen Wachstums. 40p. 8°. Giessen, 1916.

CHAUMET, E. *Recherches sur la croissance des enfants des écoles de Paris (et des crèches, dispensaires, et consultations externes des hôpitaux) 60p. 8°. Par., 1906.

ENGELSBERGER, A. *Beiträge zur Kenntnis der physischen und psychischen Natur des sechsjährigen in die Schule eintretenden Kindes. 70p. 23½cm. [Zür., 1906]

FISCHER, E. *Vergleichende Untersuchungen über die Entwicklung der Schulkinder des Kaiserstuhlgebietes [Freiburg] 59p. 8°. Würzb., 1931.

GAMER, K. *Die Entwicklung von Körpergrösse und Körpergewicht der Stuttgarter Schuljugend in den Jahren 1910-36 [Tübingen] 30p. 23cm. Berl., 1938.

LINCOLN, E. A. Sex differences in the growth of American school children. 189p. 12°. Balt., 1927.

MAGNIN, H. *Le développement physique et intellectuel d'après l'examen d'un groupe d'écoliers [Toulouse] 84p. 25cm. Lyon, 1934.

MATUSIEWICZ, J. *Der Körperlängen-Körpergewichts-Index bei Münchner Schulkindern. 28p. 8°. Münch., 1914.

ROGERS, J. F. Physique of school children. 17p. 8°. Wash. [1936]

SCHMIDT, F. A. Das Schulkind nach seiner körperlichen Eigenart und Entwicklung. 141p. 8°. Lpz., 1914.

UEBERFELDT, E. *Untersuchungen über die Entwicklung der Schulkinder im Markgräflerland. 28p. 23cm. Freib. i. B., 1936.

ACQUA, M. Alterazioni della crescita nella seconda infanzia. Med. inf., Roma, 1935, 6: 8-30.—ALHO, E. [Observations on the growth ratio in school children] Duodecim, Helsinki, 1940, 56: 434-70.—BORSARELLI, F. Ricerche sull'allenamento dei fanciulli fra i 5 e gli 8 anni di età. Pediat. med. prat., Tor., 1936, 11: 121-56.—BRUNN, von. Die Länge und das Gewicht der Rostocker Schulkinder im Frühjahr 1929. Zschr. Schulgesundh., 1930, 43: 697-703.—Costa Ferreira, A. A. da. Antropometria escolar. Porto med., 1907, 4: 322-32.—FABER, H. K. Variability in weight for height in children of school age. Am. J. Dis. Child., 1925, 30: 328-35.—FOSTER, W. L. Physiological age as a basis for the classification of pupils entering high schools: relation of pubescence to height. Psychol. Clin., 1910-11, 4: 83-8.—FREEMAN, R. G., jr. & SEARFOS, R. Growth of private day school boys. Arch. Pediat., N. Y., 1929, 46: 450-5.—FRIANT, La croissance en taille et en poids des écoliers mosellans de 10 à 13 ans. Bull. Soc. anthrop. Paris, 1931, S. ser., 2: 11-7.—FÜRST, T. Das vermehrte Längenwachstum der heutigen Jugend und seine pädagogische Bedeutung. Zschr. pädag. Psychol., 1935, 36: 111-9.—GOPFERT, C. Ueber das Körperwachstum zürcherischer Volksschüler. Arch. Julius Klaus Stift., 1929, 4: 351-96.—GRAY, H., & FRALEY, F. Growth standards; height, chest-girth and weight for private school boys. Am. J. Dis. Child., 1926, 32: 554.—GUGLIEMINI, T. Considerazioni sullo sviluppo corporeo dei bambini nell'età scolastica. Prat. pediat., Milano, 1936, 14: 277-84.—HEIDENRIEM, C. Ueber Körpergrösse und Körpergewicht von Schulkindern. Reichsgesundhbl., 1930, 5: 654-68.—HOFMANN, A. Die Gröszen- und Gewichtsentwicklung bei Volksschulkindern in einem westfälischen Landkreis während der Jahre 1930-32. Zschr. Gesundheitsverw., 1933, 4: 145-50.—HOLM, K. Die Längen- und Gewichtsverhältnisse der Hamburger Schulkinder. Ibid., 1934, 5: 487.—HUMMEL, H. Das Problem der Schulreife im Rahmen der Biologie des Kindes. Arch. Kinderh., 1935, 106: 129-55.—INDIVIDUELLE (Das) Wachstum der Schuljugend. Arb. Reichsgesundh., 1936, 71: 127-32.—KARN, M. N. An investigation of the records of height and weight taken in school medical inspections in the county borough of Croydon. Ann. Eugen., Camb., 1934-35, 6: 83-107.—The records of height and weight taken in school medical inspections in the borough of Ealing. Ibid., 214: 377.

Comparison of the mean physique in the schools of 3 suburban boroughs, and of the variance of physique within the schools. Ibid., 1936, 7: 226-39.—KELLER, A. Einschulungskinder 1934. Mschr. Kinderh., 1934, 60: 343.—KITAMURA, N. Einige Beiträge zur Erkenntnis der morphologischen Umbildung auf dem Entwicklungsablauf bei Schulalter. Jap. J. M. Sc., 1938, 5: Biophysics, 1-3.—KLEBANOVA, E. A. [Anatomical-physiological peculiarities at the age of 7]. Pediatra, Moskva, 1938, No. 2, 115-29.—KOZAKEVICH, M. L. [Variations in physical development of the children of Kiev in the age between 4 and 8]. Ibid., 1940, No. 2, 85-9.—[Variations in the physical development of school children of 8 years of age in Kiev] Radianska med., 1940, 5: No. 5, 77.—LARINI, D. Dati biometrici di bambini bolognesi di sesso maschile, normali di 7 e 8 anni. Endocr. pat. cost., Bologna, 1928, n. ser., 3: 60-74, 2 ch.—[Dati biometrici di bambini bolognesi di sesso maschile, normali, di 9 e 10 anni. Ibid., 1929, n. ser., 4: 460-70, ch.—LEDENT, R. Quelques remarques sur la taille et le poids des enfants en âge d'école. Liège méd., 1935, 28: 1198-204.—LJUNGBERG, C. A. [Average weight of school children in Sweden] Nord. hyg. tidskr., 1925, 6: 241-56.—MAC-AULIFFE, L. Observations sur la croissance. Méd. scol., Par., 1923, 12: 3-11.—MARTIN, R. Die Körperentwicklung Münchener Volksschulkinder in den Jahren 1921, 1922 und 1923. Anthropol. Anz., 1924, 1: 76-95.—MENIKHEV, M. A. [Physical development of the school children of Rostov] Pediatra, Moskva, 1940, No. 6, 91-100.—MEREDITH, H. V. The prediction of stature of North European males throughout the elementary school years. Human Biol., 1936, 8: 279-83.—[Stature and weight of private school children in 2 successive decades. Am. J. Phys. Anthropol., 1941, 28: 1-40.—MIHAILIĆ, J. [Physical development and physical attainment of primary school pupils; investigations on 500 pupils between the age of 7-12]. An. educ. fiz., Bucur., 1938, 7: 107-22.—MOLINARI, P. Ricerche sullo sviluppo degli alunni nelle scuole elementari di Brescia. Igiene della scuola, 1924, 15: 99.—MÜLLY, K. Körperentwicklung von Volksschülern der zürcherischen Gemeinde Rüti und der Stadt Bern anhand der neuen Methode der graphischen Korrelation von Streuungsbereichen. Arch. Julius Klaus Stift., 1933, 8: 379-457, 18 tab.—NAVARRO, J. C., & BERETTERIDE, E. Observaciones sobre variaciones de peso en niños de segunda infancia. Arch. lat. amer. pediat., B. Air., 1922, 2 ser., 16: 229-31. Also Sem. méd., B. Air., 1922, 29: 73; 746.—NORMAN, H. B. Public-school and secondary-school boys; a comparison of their physique. Lancet, Lond., 1939, 2: 442-5.—NYLIN, G. On the relation between the increase in height and the increase in weight in school children. Acta paediat., Upps., 1931, 11: 106-12, tab. [Discussion] 118-21.—PALMER, C. E. Variations of growth in weight of elementary school children, 1921-28. Pub. Health Rep., Wash., 1923, 48: 993-1005.—KAWAKAMI, R., & REED, L. J. Anthropometric studies of individual growth; age, weight, and rate of growth in weight, elementary school children. Child Develop., 1937, 8: 47-61.—PEIPER, E. Die körperliche Entwicklung der Schuljugend in Pommern. Arch. sozial. Hyg., 1912, 7: 109-37.—PINI, G. La crescita degli anni 10, 11, 12, 13 e 14 nei due sessi; studio morfologico e funzionale. Endocr. pat. cost., Bologna, 1936, 11: 487; 1939, 14: 279-380.—PITTARD, E., & DELLENBACH, M. Documents pour l'étude de la croissance pendant l'âge scolaire. Arch. suisse anthropol. gén., 1928-32, 5: 275-312.—RIGGIO, G. Ricerche antropometriche su bambini palermitani dal terzo al tredicesimo anno di età. Med. inf., Roma, 1939, 10: 33-55, 2 tab.—ROUBAL, E., & ROUBAL, J. [Physical development of children in secondary schools in Czechoslovakia] Anthropologia, Praha, 1925, 3: 45-58.—SAINZ DE LOS TERREROS, C., & NOVOA, L. Nuevas normas en somatometría escolar. Arch. argent. pediat., 1939, 11: 538-66.—SCHACK, L. Untersuchungen an Schulkindern im Badischen Weinbaugebiet. Arch. Hyg., Münch., 1937, 118: 155-79.—SCHJÖT, C. [Measurements and tables for determining the physical development of Norwegian school children] Tskr. norsk. lægeforen., 1918, 38: 490.—[& BERGHOF, H. [The build of the body in school children and its harmonious growth] Nord. hyg. tskr., 1923, 4: 1-43.—SCHMIDT, F. A. Masse und Gewichtsverhältnisse der 6-14-Jährigen an den Volks- wie an den höheren Schulen der Stadt Bonn. Zschr. Gesundheitsförs., 1923, 36: 9.—SIEMSEN, W. J., & DOLAN, G. K. The problem of body mechanics in elementary and secondary schools. J. Health Phys. Educ., 1935, 6: No. 3, 10; 78.—STEIN, W. Ueber Grösse und Gewicht von Volksschulkindern in Freiburg i. B. Arch. sozial. Hyg., 1928, n. F., 3: 546-53.—TAMBURRI, T. Ricerche antropometriche sui bambini genovesi durante l'età scolastica dai 7 ai 12 anni; nota preventiva sulla biotipologia ligure. Prat. pediat., Genova, 1931, 9: 297-300.—THORNE, L. T. The physical development of the London school boy; 1,890 examinations. Brit. M. J., 1904, 1: 829-31.—VOORTHUYSEN, A. van. Mededeeling over het gewicht van schoolkinderen gedurende de oorsloogaren. Ned. tsschr. geneesk., 1918, 1: 263-6.—WEIGHTAGE of school children. Med. Off., Lond., 1935, 54: 7.—WHITACRE, J. Standing heights of school children as determined by 2 techniques. Am. J. Phys. Anthropol., 1934, 18: 457-65.—WINTSCH, J. Les normes de croissance des écoliers lausannois. Rev. méd. Suisse rom., 1933, 53: 609-32.—WOLFF, G. Increased bodily growth of school-children since the war. Lancet, Lond., 1935, 1: 1006-11.—A study on the trend of weight in white school children from 1933 to 1936; material based on the examinations of pupils of the elementary schools in Hagerstown, Md. Child Develop., 1940, 11: 159-80.—ZEINER-HENRIKSEN, K. [The growth of school-children; examination of 1,333 school children in Horten] Norsk mag. lægevid., 1918, 79: 52-60.

— Periods, puberal, and postpuberal.

See also Adolescence; Age; Youth.

PHILLIPS, P. C. An anthropometric study of the students of Amherst College to determine the norms for different heights at each age from 17 to 22 years. 9p. 8° [n. p., 1903]

Basler, A. Wachstumsvorgänge am vollentwickelten Organismus. Med. Klin., Berl., 1937, 33: 1664-6.—Benedetti, P. Caratteri antropometrici morfologici e funzionali di 300 individui sani, di sesso maschile, in età di 19-25 anni. Monit. zool. ital., 1932-33, 43: Suppl., 180-3.—Bersamin, R. F., & Gonzales-Bersamin, G. A comparative study of height and weight in relation to age of male students of the University of the Philippines. J. Philippine Islands M. Ass., 1937, 17: 339-46.—Diehl, H. S. Height and weights of American college men. Human Biol., 1933, 5: 445-79.—Dimock, H. S. A research in adolescence, pubescence and physical growth. Child Develop., 1935, 6: 177-93.—Geissler, O. Starke Grössen- und Gewichtszunahme und frühere Pubertätsentwicklung der Jugend von 1934 im Vergleich zur Vorkriegszeit (nebst Feststellungen zur Frage des Erfolges von Erholungskuren) Off. Gesundhdienst, 1935, 1: A, 201-17.—Hrdlička, A. Growth during adult life. Proc. Am. Philos. Soc., 1936, 76: 847-97.—Huc, G. La croissance pubertaire: ses résultats morphologiques; ses accidents squelettiques et musculaires. Bull. Soc. pédiat. Paris, 1937, 35: 510-22.—Kuhn, Fetscher & Breda. Körperentwicklung der Studierenden der Technischen Hochschule Dresden in den Jahren 1923-24. Med. Klin., Berl., 1926, 22: 1742-6.—Maranon. Influence de la puberté sur le développement de l'enfant. Méd. scol., Par., 1937, 26: 241, 1938, 27: 1.—Peller, S. Ueber das Wachstum der Pubertätsjugend in den Jahren 1929-32. Wien. klin. Wschr., 1934, 47: 683-6.—Rosenstern, J. Ueber die körperliche Entwicklung in der Pubertät. Erg. inn. Med. Kinderh., 1931, 41: 789-901.—Schiassi, F. La pubertà; studio della crescita dagli 11 ai 17 anni nella popolazione emiliana. Endocr. pat. cost., Bologna, 1938, 13: 501-36.—Stockard, C. R. The problem of development in adult constitution. Stud. Dep. Anat. Cornell Univ., 1929-30, 14: repr. 2, 1-27.—Tamburri, T. Piccola pubertà del Pende e neutrale Kindheit di Stratz. Riforma med., 1934, 50: 559-62.—Watagina, A. Beiträge zur Dynamik der physischen Entwicklung einiger Konstitutionstypen im Pubertätsalter. Zschr. ges. Anat., 2. Abt., 1931-32, 16: 681.—Zeller, W. Entwicklung und Körperform der Knaben und Mädchen von vierzehn Jahren. Veröff. Volksgesundhdienst., 1938-39, 52: 665-766.

— Physiology.

Backman, G. Des lois générales de la croissance chez l'homme. Bull. Soc. form. humain., Par., 1926, 4: 250-61.—Benoist, F. Notions sur la croissance (des facteurs de croissance) J. méd. fr., 1928, 17: 148-52.—Bessau, G. Ueber Wachstumserscheinungen. Med. Klin., Berl., 1932, 28: 605.—Binet, L. Les facteurs internes de croissance. Presse méd., 1926, 34: 1621-4.—Boas, F. Studies in growth. Human Biol., 1933, 5: 429-44.—Campbell, J. L. Cell evolution in its relation to health and disease. J. M. Ass. Georgia, 1929, 18: 108-11.—Castaldi, L. Vedute attuali sulla velocità dell'accrescimento, la senescenza e la morte. Riv. clin. med., 1926, 27: 121-31.—Davenport, C. B. A provisional hypothesis of child development. Proc. Am. Philos. Soc., 1935, 75: 537-48.—Friedenthal, H. Das Menschenwachstum und seine Gesetze. Zschr. ärztl. Fortbild., 1926, 23: 605. Also Med. Welt, 1927, 1: 847-9.—Gedda, L., & Maltarello, A. Ricerche intorno al comportamento degli anticorpi durante la crescita. Arch. sc. med., Tor., 1939, 67: 1-25.—Gordon, L. von. Beiträge zum menschlichen Wachstumsproblem. Hippokrat., Stuttg., 1938, 9: 64; 94.—Graves, G. W. A consideration of genetic and developmental factors from the pediatric viewpoint. Arch. Pediat., N. Y., 1935, 52: 649-65.—György, P. Zur Physiologie des wachsenden Organismus. Mschr. Kinderh., 1926, 34: 451-5.—Keller, W. Neuere zellphysiologische Forschungsergebnisse und ihre Bedeutung für den Wachstumswechsel des Kindes. Klin. Wschr., 1931, 10: 1405.—Harris, H. A. The comparative aspect of growth in children. Lancet, Lond., 1931, 1: 691-8.—Koch, E. W. Sind die Kinder grösser als die Eltern? Zschr. ärztl. Fortbild., 1936, 33: 676.—Lambollez, R. La loi de croissance chez l'enfant. C. rend. Soc. biol., 1925, 92: 39-41.—Ledent, R. Croissance et respiration. Ann. méd. phys., Anvers, 1930, 23: 14-8. Also Liège méd., 1930, 23: 217-28.—Levi, G. Per la migliore conoscenza del fondamento anatomico e dei fattori morfogenetici della grandezza del corpo; l'accrescimento dei somiti mesodermici e di altre individualità morfologiche. Arch. ital. anat., 1922, 18: Suppl., 316-434, 12 ch.—Lucas, W. P. Problems of growth and their relation to zones of normal physiologic reactions. Tr. Am. Pediat. Soc., 1932, 44: 33-6.—Pryor, H. B. [et al.] Growth problems and their relation to zones of normal physiologic reactions. J. Pediat., S. Louis, 1932, 1: 572-92.—Mumford (The) of growth. J. Am. M. Ass., 1934, 103: 2030.—Mumford, A. A. The heredity of growth, some biological aspects of school medical inspection. Eugen. Rev., Lond., 1929-30, 21: 29-34.—Palmer, C. F. Temporal cycles of growth. School Physicians Bull., 1933, 3: No. 3, 12-4.—Pende, N. Il controllo della crescita e la revisione del motore umano. Baglivi, 1935, 1: 25-32.—Puhl, W. Das menschliche Wachstum als energetisches Problem. Morph. Jahrb., 1924-25, 54: 239-87.—

Ranzi, S. Esistono i gradienti fisiologici di Child? Scientia Bologna, 1932, 2. ser., 51: 348-56.—Rosenstern, J. Ueber die körperliche Entwicklung in der Pubertät (auf Grund von Individualuntersuchungen) Zschr. Kinderh., 1930, 50: 1-23.—Schultze, E. Untergang durch Körpergrösse und Kompliziertheit. Scientia, Bologna, 1940, 67: 178-87.—Seitz, L. Allgemeines Körperwachstum und geschlechtsspezifisches Wachstum. Med. Welt, 1936, 10: 1645-7. Also Mschr. Geburtsh. Gyn., 1937, 105: 233.—Siebert, W. W. Beitrag zur Wachstumsfrage. Klin. Wschr., 1928, 7: 759.—Stolyhwo, C. Le problème de l'hérédité de la taille. Anthropologie, Praha, 1932, 10: 253-8.—Todd, T. W. The bodily expression of human growth and welfare. Science, 1935, 82: 181-6. Also repr.—Vlès, F. Recherches sur l'intervention des conditions électriques dans la croissance des enfants. C. rend. Acad. sc., 1933, 196: 62-5.—Wagner, H. Zur Kenntnis der protozoenartigen Zellen in den Organen von Kindern. Beitr. path. Anat., 1930, 85: 145-64.—Walz. Zur Kenntnis der protozoenartigen Zellen in den Organen von Kindern. Verh. Deut. path. Ges., 1926, 21: 236-42.

— Variation.

See also Education; Health; Physical education, &c.

HARDY, M. C., & HOEFER, C. H. Healthy growth; a study of the influence of health education on growth and development of school children. 360p. 8° Chic. [1936]

HECK, F. *Ueber den Einfluss konstitutioneller und exogener Faktoren auf die körperliche Entwicklung des Kindes, eine klinische Studie auf Grund von 1478 Fällen der Würzburger Universitäts-Frauenklinik aus den Jahren 1928-31. 31p. 8° Würzb., 1933.

Agduhr, E. Zur Kenntnis des Einflusses der Graviditäten und des Ergosterins auf das Wachstum. Upsala läk. fören. förh., 1932-33, n. F., 38: art. 4, 82, 2 pl., 8 diag.—Allaria, G. B. Ricerche antropometriche sulla crescita delle fanciulle povere. Ramazzini, Fir., 1912, 6: 60-86.—Bennholdt-Thomsen, C. Ueber die Acceleration der Entwicklung der heutigen Jugend (Kritik ihrer auslösenden Momente) Klin. Wschr., 1938, 17: 865-71.—Bürgers, T. J., & Bachmann, W. Untersuchungen über den körperlichen Zustand der Jugendlichen Düsseldorf nach dem Kriege. Arch. Hyg., Berl., 1923, 92: 169-88.—Charlton. Veränderungen des menschlichen Wachstums im ersten Drittel des 20. Jahrhunderts und seine Bedeutung. Arch. orthop. Unfallchir., 1935-36, 36: 354-7.—Cummings, R. E. Conditions affecting growth and development of the normal child. Hosp. Progr., 1933, 14: 14.—Deist, H. Kriegseinflüsse und Jugendentwicklung. Schmidt's Jahrb., 1922, 335: 1-16.—Dreyfus, S. La tétée des nourrissons; influence des conditions mécaniques de la tétée sur le développement de l'enfant. Arch. méd. enf., 1928, 31: 261-75.—Fritz, W. Sind die Menschen grösser geworden? Umschau, 1935, 39: 380.—Gottlieb, K., & Stransky, E. Ueber den Einfluss der Wirtschaftskrise auf das Gewicht der Kleinkinder. Klin. Wschr., 1932, 11: 1355.—Holt, L. E., & Fales, H. L. Observations on the health and growth of children in an institution. Am. J. Dis. Child., 1923, 26: 1-22.—Kagan, S. E. [Changes in the physical development of the youth of the town of Gorky] Gig. san., Moskva, 1940, 5: No. 6, 39-41.—Katz, S. E., & Gray, H. Health and growth of children in an institution. Am. J. Dis. Child., 1924, 27: 464-72.—Kausch, D. Beitrag zum Problem der Veränderung des Wachstums Jugendlicher. Arch. Rassenb., 1936, 30: 157-63.—Koch, E. W. Die Wachstumskrise der deutschen Nachkriegsjugend. Arch. sozial. Hyg., 1933-34, 8: 385-93.—Die Längen- und Gewichtszunahme de Jugend in den beiden letzten Jahrzehnten, ihre Ursachen und Auswirkungen. Deut. med. Wschr., 1935, 61: 143.—Warum sind unsere Kinder so viel grösser als vor dem Krieg? Untersuchungen zum Phänomen der Entwicklungsbeschleunigung. Off. Gesundhdienst, 1935, 1: A, 753-64.—Kohlrausch, W. Ueber die Einflüsse funktioneller Beanspruchung auf die Massenentwicklung erwachsener junger Männer, gewonnen aus den Beobachtungen an Studenten der Deutschen Hochschule für Leibesübungen. Zschr. ges. Anat., 2. Abt., 1924, 10: 434-43.—Kutscher, G. W., jr. School strain and the underweight child. Arch. Pediat., N. Y., 1928, 45: 531-7.—McGonigle, G. C. M., & McKinlay, P. L. An investigation into the effect of certain factors upon child health and child weight. J. Hyg., Camb., 1932, 32: 465-88.—Miles, F. Os problemas do crescimento. Educ. fis., Rio, 1940, No. 42, 27.—Mills, C. A. Oncoming reversal of the human growth tide. Science, 1940, 92: 401.—Chenoweth, L. B. Is the human growth tide turning? Human Biol., 1938, 10: 547-54. Also repr.—Möriz, D. Influence des facteurs psychiques sur le développement du nourrisson. Nourrisson, 1933, 21: 209-14.—Murray, A. M. T. The growth and nutrition of the slum child in relation to housing, the 1 and 2-room house. J. Hyg., Camb., 1927-28, 26: 198-203.—Nagotte-Wilbouchewitch. Influence de la gymnastique sur l'établissement de la puberté. Bull. Soc. pédiat. Paris, 1937, 35: 522-8.—Palmer, C. E. Further studies on growth and the economic depression, a comparison of weight and weight increments of elementary-school children in 1921-27 and in 1933-34. Pub. Health Rep., Wash., 1933, 48: 1277;

1934, 49: 1453-69. ———. Height and weight of children of the depression poor; health and depression studies No. 2. *Ibid.*, 1935, 50: 1106-13.—**Pauli**. Ueber den Einfluss der Schularbeit auf Gesundheit und körperliche Entwicklung der Kinder. *C. rend. Congr. Internat. méd.* (1897) 1900, 12. Congr., 7: 73-80.—**Perni**, S. Some factors of national importance influencing growth and development. *Med. J. & Rec.*, 1929, 130: 421-4. Also repr.—**Redfield, J. E.**, & **Meredith, H. V.** Changes in the stature and sitting height of preschool children in relation to rest in the recumbent position and activity following rest. *Child Develop.*, 1938, 9: 293-302.—**Reiter, H.**, & **Thiefeldt, H.** Einfluss von Alter der Mutter und Gebärtigkeit des Kindes auf dessen Entwicklung. *Klin. Wschr.*, 1922, 1: 2524.—**Rose, G.** Factors influencing the growth and nutrition of children. *Med. Off.*, Lond., 1926, 36: 271.—**Schlesinger, E.** Wachstum, Gewicht und Konstitution der Kinder und der heranwachsenden Jugend während des Krieges. *Zschr. Kinderh.*, 1919, 22: 79-123. ———. Untersuchungen an sportteifriger Jugend. *Mtschr. Kinderh.*, 1926, 34: 366-71.

———. Arbeitslosigkeit und Entwicklung der Kinder und Jugendlichen im Jahre 1932. *Klin. Wschr.*, 1933, 12: 830-3.—**Schneider, O.** Wachstum und Leibesübungen. *Sportmedizin*, 1929, H. 3, 10-4.—**Schreiber, G.** Un enfant des rayons X. *Bull. Soc. pédiat. Paris*, 1925, 23: 553.—**Schur, E.** Ueber die Entwicklung von Försorgekindern. *Gesundhfs. Kindesalt.*, 1925-26, 1: 359-69.—**Siemens, A.** Kinder im Internat. *Zschr. Gesundhfs.*, 1923, 26: 129-32.—**Stettner, E.** Ueber die Bedeutung exogener Wachstumseinflüsse. *Mtschr. Kinderh.*, 1921-22, 22: 442-6.—**Stuver, E.** How does our school system influence the health and development of the child. *Tr. Colorado M. Soc.*, 1897, 333-62.—**Wörner, H.** Körpermasse und soziale Schichtung. *Zschr. Gesundhfs.*, 1923, 36: 109-14.—**Wolff, G.** Krieg und Wirtschaftskrise in ihrem Einfluss auf das Schulkinderwachstum. *Gesundh. & Erzieh.*, 1932, 45: 443; 501. ———. Arbeitslosigkeit und Schulkinderwachstum; anthropometrische Ergebnisse bei Einschulungsuntersuchungen in Berlin 1929 bis 1931. *Klin. Wschr.*, 1932, 11: 73-6.—**Young, W. A.** The factors that influence the physical status of the Indian school boy in East Africa. *East Afr. M. J.*, 1939-40, 16: 131; 171.—**Zellner, M.** Ueber den Einfluss der sozialen Lage auf die Entwicklung der Kleinkinder im Alter von 2-6 Jahren. *Klin. Wschr.*, 1926, 5: 1716-21.

— Variation, climatic, environmental, and seasonal.

KAISER, T. *Vergleichende Untersuchungen an Schulkindern aus landwirtschaftlichen und industriellen Betrieben [Freiburg] 22p. 8° Lpz., 1930.

KELLER, H. *Das Körperwachstum unter den Lebensbedingungen in einem Landerziehungsheim. 69p. 8° Zür., 1921.

LANGE, K. *Ueber Beziehungen zwischen Jahreszeiten und Wachstum des Kleinkindes [Halle-Wittenberg] 17p. 8° Stuttg., 1930.

Also *Arch. Kinderh.*, 1929-30, 89: 25-972.

MCKAY, H., & **BROWN, M. A.** Seasonal variation in the rate of growth of pre-school children. 33p. 8° Wooster, Ohio, 1931.

SANDERS, B. S. *Environment and growth [Columbia Univ.] 375p. 8° Balt., 1934.

SCHLAKE, F. [C. G.] *Körpermessungen von Landkindern an der Südküste des Kurischen Haffs. 24p. 8° Königsb., 1916.

TOST, M. [geb. LAUTERWALD] *Ueber Zunahme und Ursache der Hypoplasien nach dem Kriege. 16p. 8° Halle, 1928.

WEBER, R. *Entwicklung von Grösse und Gewicht der vor, während und nach der Kriegszeit geborenen Kinder in den Schulen einer deutschen Mittelstadt [Göttingen] 13p. 21cm. Bottrop i. W., 1936.

WEIGL, K. *Der Einfluss der Umwelt auf die Körperbeschaffenheit von Berufsschülerinnen [München] 22p. 8° Würzb., 1933.

Azevedo, E. de. Desenvolvimento físico da criança no Brasil por grupos de idade; influencia dos fatores economicos e sociais. *Pediat. prat.*, S. Paulo, 1935, 6: 42-62.—**Bean, R. B.** The growth of old Virginian children; a comparative study; tentative conclusions. *South. M. & S.*, 1930, 92: 871.—**Bennholdt-Thomsen, C.** Bevölkerungsschichtung und Entwicklungsbeschleunigung der Jugend. *Mtschr. Kinderh.*, 1938, 75: 85-9.—**Berkson, J.** Evidence of a seasonal cycle in human growth. *Human Biol.*, 1930, 2: 523-38. Also repr.—**Burns, D.**, & **Secker, J.** Physical fitness of pre-adolescent boys of 3 socio-economic levels; a preliminary study. *J. Physiol.*, Lond., 1940, 98: Suppl. 2.—**Dahlberg, G.** Korrelationserscheinungen bei nicht erwachsenen Individuen und eine Theorie über den Wachstumsmechanismus im Hinblick auf intermittierende

Umweltfaktoren. *Zschr. Morph. Anthropol.*, 1931, 29: 285-306.—**Effect of the depression on the weight of children of different income groups.** *Labor Inform. Bull.*, Wash., 1935, 2: No. 11, 11.—**Eliot, M. M.** The effect of family income on a child's growth. *Med. Woman J.*, 1937, 44: 221-4.—**Emerson, H.** Seasonal variation in growth of school children; based on records of 833 children in Honolulu, New York and Toronto. *J. Am. M. Ass.*, 1927, 89: 1326-30.—**Fornario, G.** Sviluppo organico dei bambini nella scuola all'aperto e colonia estiva al Trotter di Milano (anno 1923-24). *Atti Soc. lombard. sc. med.*, 1925, 14: 239-44.—**Fortunato, F.** L'azione del clima, dell'ambiente e dell'alimentazione sull'infanzia nazionale in A. O. I. *Pediat. med. prat.*, Tor., 1938, 13: 450-82.—**Hecker, R.** Körperentwicklung des Grossstadtkindes. *Med. Welt*, 1929, 3: 1352; 1391.—**Hertzberg, N. C. E.**, & **Schiötz, C.** [Influence of season and vacation upon the bodily development of school children] *Med. rev.*, Bergen, 1922, 39: 49-69.—**Hitchings, F. W.**, & **Fitz, G. W.** Seasonal variations in growth of boys. *Gaillard's M. J.*, 1902, 77: 216. ———. Seasonal variations in growth of boys between the ages of 7 and 14 years. *J. Boston Soc. M. Sc.*, 1900-1, 5: 511.—**Hughes, E.** Seasonal growth and human hibernation. *Lancet*, Lond., 1933, 1: 156.—**Karn, M. N.** Summary of results of investigations into the height and weight of children of the British working classes during the last 100 years. *Ann. Eugen.*, Camb., 1936, 7: 376-98, ch.—**Kato, S.** Berichte aus der Anstalt für Mutter-, Säuglings- und Kleinkinderfürsorge in Kioto; über das Wachstum der Kinder auf dem Lande. *Mitt. Med. Akad. Kioto*, 1936, 16: 337.—**Klesse, M.**, & **Klesse, M.** Beitrag zur Frage der Verkümmernng unseres Nachwuchses in körperlicher Hinsicht durch die Einwirkungen der Grosstadt. *Zschr. Schulgesundh.*, 1928, 41: 204; 228.—**Lloyd-Jones, O.** California tall children. *Am. J. Dis. Child.*, 1940, 60: 11-21.—**McKay**. Seasonal growth of pre-school children. *Bull. Ohio Agr. Exp. Sta.*, 1929, No. 431, 129-31.—**Mardones R. J.**, & **Sepúlveda de Briones, C.** Influencia de las condiciones sociales sobre algunas características corporales de las niñas. *Rev. med. aliment.*, Santiago, 1935-37, 2: 196-204.—**Marshall, E. L.** A review of American research on seasonal variation in stature and body weight. *J. Pediat.*, S. Louis, 1937, 10: 819-31.—**Mateeff, D.** Wachstumsentwicklung bulgarischer Schüler während des Schuljahres und in den Ferien. *Gesundh. & Erzieh.*, 1938, 51: 137-50.—**Meier, E.** Das Wachstum der Jugend heute und vor dem Kriege. *Reichsgesundhbl.*, 1935, 10: 477-9.—**Miller, H. G.** A comparison of physical standards in 2 groups of Newcastle children. *Brit. M. J.*, 1938, 2: 718.—**Naess, F.**, & **Schiötz, C.** Der Einfluss der Jahreszeit auf das Wachstum des Körpers. *Zschr. Kinderh.*, 1932-33, 54: 758-68.—**Oppenheim, S.** Ein Beitrag zur körperlichen Entwicklung des Ferienkindes. *Anthrop. Anz.*, 1927, 4: 56-62.—**Orr, J. B.**, & **Clark, M. L.** A report on seasonal variation in the growth of school-children. *Lancet*, Lond., 1930, 2: 365.—**Palmer, C. E.** Seasonal variation of average growth in weight of elementary school children. *Pub. Health Rep.*, Wash., 1933, 48: 211-33. ——— & **Collins, S. D.** Variations in physique and growth of children in different geographic regions of the United States. *Ibid.*, 1935, 50: 335-48.—**Prošek, V. J.** [Effect of economic depression on the physical development of children] *Anthropologie*, Praha, 1936, 14: 1-76.—**Ribadeau-Dumas.** Du rôle de l'air, la lumière, le soleil, les climats, dans le développement de l'enfant. *Presse therm. clim.*, 1928, 69: 216-9.—**Ruotsalainen, A.** [Investigations on the living conditions of underweight school children] *Duodecim*, Helsin., 1938, 54: 763-78.—**Schiötz, C.**, & **Skau, J.** Jahreszeit und Körperentwicklung. *Nord. hyg. tskr.*, 1926, 7: 172-4.—**Sós, J.** [The development of children in bad housing conditions] *Népegészségügy*, 1939, 20: 109-23.—**Tan Eng Dong, Soekonto, R.**, & **Haas, J. H. de.** The growth of children of pre-school age in Batavia. *Ind. J. Pediat.*, 1939, 6: 163-85.—**Weismann-Netter.** Action du milieu social et des conditions de vie sur le développement physique des écoliers. *Méd. scol.*, Par., 1937, 26: 188-95.—**Wheeler, L. R.** A comparative study of the physical status of East Tennessee mountain children. *Human Biol.*, 1933, 5: 706-21.—**Zankowich-Simon, A.** Schulärztliche Untersuchungen in Budapest Privatschulen und in einer Arbeitergemeinde der Umgebung Budapests. *Gesundh. & Erzieh.*, 1935, 48: 364-72.—**Zeiner-Henriksen, K.** [Growth of school children in summer; measurement of 1,008 school children (in Hortens National School)] *Norsk mag. laegevid.*, 1920, 81: 262-71.—**Zoelich, P.** Gewichtsbewegungen bei Kleinkindern während längerer Anstaltsaufenthaltes. *Zschr. Kinderh.*, 1934-35, 57: 343-57.

———. Seasonal variations in growth of boys between the ages of 7 and 14 years. *J. Boston Soc. M. Sc.*, 1900-1, 5: 511.—**Hughes, E.** Seasonal growth and human hibernation. *Lancet*, Lond., 1933, 1: 156.—**Karn, M. N.** Summary of results of investigations into the height and weight of children of the British working classes during the last 100 years. *Ann. Eugen.*, Camb., 1936, 7: 376-98, ch.—**Kato, S.** Berichte aus der Anstalt für Mutter-, Säuglings- und Kleinkinderfürsorge in Kioto; über das Wachstum der Kinder auf dem Lande. *Mitt. Med. Akad. Kioto*, 1936, 16: 337.—**Klesse, M.**, & **Klesse, M.** Beitrag zur Frage der Verkümmernng unseres Nachwuchses in körperlicher Hinsicht durch die Einwirkungen der Grosstadt. *Zschr. Schulgesundh.*, 1928, 41: 204; 228.—**Lloyd-Jones, O.** California tall children. *Am. J. Dis. Child.*, 1940, 60: 11-21.—**McKay**. Seasonal growth of pre-school children. *Bull. Ohio Agr. Exp. Sta.*, 1929, No. 431, 129-31.—**Mardones R. J.**, & **Sepúlveda de Briones, C.** Influencia de las condiciones sociales sobre algunas características corporales de las niñas. *Rev. med. aliment.*, Santiago, 1935-37, 2: 196-204.—**Marshall, E. L.** A review of American research on seasonal variation in stature and body weight. *J. Pediat.*, S. Louis, 1937, 10: 819-31.—**Mateeff, D.** Wachstumsentwicklung bulgarischer Schüler während des Schuljahres und in den Ferien. *Gesundh. & Erzieh.*, 1938, 51: 137-50.—**Meier, E.** Das Wachstum der Jugend heute und vor dem Kriege. *Reichsgesundhbl.*, 1935, 10: 477-9.—**Miller, H. G.** A comparison of physical standards in 2 groups of Newcastle children. *Brit. M. J.*, 1938, 2: 718.—**Naess, F.**, & **Schiötz, C.** Der Einfluss der Jahreszeit auf das Wachstum des Körpers. *Zschr. Kinderh.*, 1932-33, 54: 758-68.—**Oppenheim, S.** Ein Beitrag zur körperlichen Entwicklung des Ferienkindes. *Anthrop. Anz.*, 1927, 4: 56-62.—**Orr, J. B.**, & **Clark, M. L.** A report on seasonal variation in the growth of school-children. *Lancet*, Lond., 1930, 2: 365.—**Palmer, C. E.** Seasonal variation of average growth in weight of elementary school children. *Pub. Health Rep.*, Wash., 1933, 48: 211-33. ——— & **Collins, S. D.** Variations in physique and growth of children in different geographic regions of the United States. *Ibid.*, 1935, 50: 335-48.—**Prošek, V. J.** [Effect of economic depression on the physical development of children] *Anthropologie*, Praha, 1936, 14: 1-76.—**Ribadeau-Dumas.** Du rôle de l'air, la lumière, le soleil, les climats, dans le développement de l'enfant. *Presse therm. clim.*, 1928, 69: 216-9.—**Ruotsalainen, A.** [Investigations on the living conditions of underweight school children] *Duodecim*, Helsin., 1938, 54: 763-78.—**Schiötz, C.**, & **Skau, J.** Jahreszeit und Körperentwicklung. *Nord. hyg. tskr.*, 1926, 7: 172-4.—**Sós, J.** [The development of children in bad housing conditions] *Népegészségügy*, 1939, 20: 109-23.—**Tan Eng Dong, Soekonto, R.**, & **Haas, J. H. de.** The growth of children of pre-school age in Batavia. *Ind. J. Pediat.*, 1939, 6: 163-85.—**Weismann-Netter.** Action du milieu social et des conditions de vie sur le développement physique des écoliers. *Méd. scol.*, Par., 1937, 26: 188-95.—**Wheeler, L. R.** A comparative study of the physical status of East Tennessee mountain children. *Human Biol.*, 1933, 5: 706-21.—**Zankowich-Simon, A.** Schulärztliche Untersuchungen in Budapest Privatschulen und in einer Arbeitergemeinde der Umgebung Budapests. *Gesundh. & Erzieh.*, 1935, 48: 364-72.—**Zeiner-Henriksen, K.** [Growth of school children in summer; measurement of 1,008 school children (in Hortens National School)] *Norsk mag. laegevid.*, 1920, 81: 262-71.—**Zoelich, P.** Gewichtsbewegungen bei Kleinkindern während längerer Anstaltsaufenthaltes. *Zschr. Kinderh.*, 1934-35, 57: 343-57.

— Variation, nutritional.

See also **Deficiency disease; Malnutrition; Nutrition, &c.**

BARTLETT, F. H. Infants and children; their feeding and growth. 409p. 12° N. Y. [1932]

EMERSON, W. R. P. Nutrition and growth in children. 341p. 8° N. Y., 1922.

Also *Boston M. & S. J.*, 1923, 188: 8-10.

MASSON, R. D. A. *Les facteurs alimentaires de croissance chez l'enfant [Paris] 171p. 24cm. Doullens, 1939.

Appleton, V. B. Effect of high cereal diets on the growth of infants. *Am. J. Dis. Child.*, 1929, 37: 284-95.—**Armand-Deville, P.** Problems of nutrition and growth. *J. State M.*,

- London, 1935, 42: 683-719.—**Bakwin, H., Bakwin, R. M., & Milgram, L.** The influence of dietary restriction on body configuration. *Acta paediat.*, Upps., 1935-36, 18: 305-14.—**Brock, J.** Untersuchungen zur Frage der Hyper- und Transmineralisation beim wachsenden Organismus. *Zschr. Kinderh.*, 1927, 44: 163-89.—**Brown, A., & Tisdall, F. E.** The effect of vitamins and the inorganic elements on growth and resistance to disease in children. *Ann. Int. M.*, 1933, 7: 342-52. Also repr.—**Catel, W.** Ueber den Einfluss roher und autoklavierter Milch auf Wachstum und Stoffwechsel (Tierversuche). *Mscr. Kinderh.*, 1932, 53: 14-7.—**Cathala, J.** Sur les rapports entre l'alimentation et l'état général des enfants à la fin de la première année. *Bull. méd., Par.*, 1928, 42: 745-8.—**Chick, H., & Dalzell, E. J.** Observations on the influence of foods in stimulating development in backward children. *Brit. M. J.*, 1921, 2: 1061-6.—**Chystiakov, A. I.** [Effect of mixed feeding and changes in the formula on the physical development of the infant] *J. detsk. bolez.*, 1925, 1: 27-40.—**Clément, R.** Croissance et alimentation chez l'enfant. *Presse méd.*, 1927, 35: 869.—**Couto, C.** Sub-alimentação e infantilismo; em torno de um caso clínico. *Brasil med.*, 1937, 51: 608-12.—**Daniels, A. L., Hutton, M. K.** [et al.] The relation of rate of growth in infants to diet. *Am. J. Dis. Child.*, 1929, 37: 1177-86.—**Emerson, W. R. P.** Nutrition as a factor in child development; based on studies of children covering the entire period of growth. *Arch. Pediat.*, N. Y., 1934, 51: 343-62.—**Foster, K. L., & Murlin, J. R.** An attempt to correlate the growth of institutional children with the food supply. *Proc. Soc. Exp. Biol.*, N. Y., 1923-24, 21: 423.—**Goldberg, S.** Vitamins in relation to normal growth and dentition in children. *Med. Rec.*, N. Y., 1935, 141: 18-21.—**Hawkins, H. F.** Nutritional influences on growth and development. *Internat. J. Orthodont.*, 1933, 19: 307-12.—**Henderson, J. M.** Some aspects of growth and nutrition. *Kenya East Afr. M. J.*, 1926-27, 3: 333-42.—**Huth, A.** Ernährungszustand und Körpermasse. *Zschr. Kinderh.*, 1921, 39: 39-43.—**Jean, P. C., & Stearns, G.** The effect of vitamin D on linear growth in infancy; the effect of intakes above 1,800 U. S. P. units daily. *J. Pediat.*, S. Louis, 1935, 13: 730-40.—**Jonscher, K.** Die wichtigsten Diätfehler und deren Folgen im Kindesalter. In *Bahn- & Balneother. Karlsbad* (1935) 1936, 15: 134-56.—**Kassowitz, K.** Zur Frage der Beeinflussung der Körperlänge und Körperfülle durch die Ernährung. *Zschr. Kinderh.*, 1921, 39: 275-80.—**Kornfeld, W., & Nobel, E.** Ueber den Einfluss der Wirtschaftskrise auf Ernährungszustand und körperliche Entwicklung der Wiener Kinder. *Wien. klin. Wschr.*, 1935, 48: 142-4.—**Kugelmass, I. N.** Nutrition for superior growth. *Arch. Pediat.*, N. Y., 1932, 49: 713-29.—**Mardones Restat, J.** Las bases fisiológicas de la alimentación en el período de crecimiento. *Rev. med. aliment.*, Santiago, 1933-35, 1: 73-6.—**Mellanby, E.** Report of lecture on proper feeding: the first essential for good physique and health. *West London M. J.*, 1935, 40: 109-17.—**Messeri, F. M.** Hygiène alimentaire; alimentation et croissance corporelle. *Rev. hyg., Par.*, 1937, 59: 563-72.—**Morgan, A. F., & Barry, M. M.** Underweight children; increased growth secured through the use of wheat. *Am. J. Dis. Child.*, 1930, 39: 935-47.—**Morgan, A. F., Hatfield, G. D., & Tanner, M. A.** A comparison of the effects of supplementary feeding of fruits and milk on the growth of children. *Ibid.*, 1926, 32: 839-49. Also *Diet. Admin. Ther.*, 1927, 5: 107-16.—**Moser, J. M.** Nutritional standards for normal growth. *Med. Ann. District of Columbia*, 1938, 7: 121-4.—**Mouriquand, G., Michel, P., & Barre, L.** Qualité alimentaire et régimes de croissance. *Hôpital*, 1924, 12: 684-7.—**Nutrition and physical development.** *J. Philippine Islands M. Ass.*, 1935, 15: 34-6.—**Peller, S.** Wirtschaftskrise und körperliche Entwicklung der kriegsgeborenen, derzeit im Pubertätsalter stehenden Jugend. *Klin. Wschr.*, 1933, 12: 673-6.—**Plonskaia, V. P.** [Histopathological changes of the hemopoietic organs of the growing body on various dietetic regimens] *Pediatría, Moskva*, 1937, 19-28.—**Ribadeau-Dumas, L.** Les aliments nécessaires au développement de l'enfant. *Paris méd.*, 1940, 115: 170-8.—**Mathieu, R.** [et al.] Les variations de l'équilibre salin et leur influence sur la croissance. *Nourisson*, 1930, 18: 385-8.—**Schlesinger, E.** Wachstum und Ernährungszustand der Kinder nach dem Kriege bis 1922. *Mscr. Kinderh.*, 1922-23, 24: 688-95.—**Stefko, W. H.** Der Einfluss des Hungerns auf das Wachstum und die gesamte physische Entwicklung der Kinder (im Zusammenhang mit anatomischen Veränderungen beim Hungern). *Zschr. ges. Anat.*, 2. Abt., 1923, 9: 312-55.—**Steuber, M., & Seifert, A.** Die Wirkung der Maltose auf den Stoffwechsel und Stoffansatz des Säuglings. *Arch. Kinderh.*, 1929, 87: 192-207.—**Watkins, A. G.** Survey of the physical condition of children between the ages of 3 and 5 years in Cardiff and Rhondda schools, with special reference to the factor of malnutrition. *Brit. M. J.*, 1935, 1: 1256-60.—**Williams, C. T., & Kastler, A. O.** A comparison of the nutritional and growth values of certain infant foods. *J. Pediat.*, S. Louis, 1934, 4: 454-61.—**Wolff, G.** Kriegsunterernährung und Grössenwachstum. *Klin. Wschr.*, 1930, 9: 1778-83.
- **Variation, racial.**
- AZEVEDO, E.** *Contribuição para o estudo do peso e da estatura das crianças em São Paulo. 90p. 8°. S. Paulo, 1932.
- PASCHAL, F. C., & SULLIVAN, L. R.** Racial differences in the mental and physical develop-
- ment of Mexican children. 76p. 8°. Balt., 1925.
- SHIROLOGOROV, S. M.** Progress of physical growth among the Chinese. v.1: The Chinese of Chekiang and Kiangsu measured by V. Appleton. 137p. 4°. Shanghai, 1925.
- VASSILIADIS, A. N.** *Contribution à l'étude de la croissance corporelle des enfants; les mensurations corporelles des enfants d'Evolène (Valais) et étude comparative de ces mensurations avec celles des enfants d'autres régions et d'autres pays 31p. 8°. Lausanne, 1931.
- Abdel Khalik, A. K.** Standard development of Egyptian infants. *C. rend. Congr. internat. méd. trop.*, 1929, 1. Congr., 2: 979-90.—**Appleton, V. B.** Growth of children in Hawaii. *Tr. Hawaii M. Ass.*, 1927, 2: 55-64. Also *Am. J. Phys. Anthropol.*, 1927, 10: 237-52.—**Arnold, A.** Wachstumsuntersuchungen an sächsischen Schlosserlehrlingen. *Zschr. ges. Anat.*, 2. Abt., 1933-34, 18: 359-72.—**Baksh, F. A.** [Anthropometric standards of workers' children in Rostov on the Don] *J. rann. detsk. vozr.*, 1932, 12: 448-53.—**Boas, F.** Growth. In *his Race Language & Cult.*, N. Y., 1940, 103-30.—**Bolshakova, M. D.** [Physical development of the Avar children (Dagestan)] *Soviet. pediat.*, 1936, 98-104.—**Borovansky, L., & Hněvkovský, O.** [The growth of the body and the process of ossification in Prague boys from 4 years to 19 years] *Anthropologie, Praha*, 1929, 7: 169-208.—**Brezina, E.** Ueber Körpermasse und Wachstumsverhältnisse bei Wiener Lehrlingen und Lehrlingmädchen. *Arch. Hyg., Münch.*, 1934, 112: 280-302.—**Cárdenas de la Vega, M.** Contribución al estudio del desarrollo del niño mexicano. *Rev. mex. puericult.*, 1931-32, 2: 317-23.—**Cárdenas Sinclair, Z.** El peso de los niños sanos de Lima. *Crón. méd.*, Lima, 1930, 47: 257-60.—**Carina, A.** Rilievi sulle misurazioni antropometriche eseguite nei bambini della Colonia Marina Maria Principessa di Piemonte (Forse dei Marmi) *Riv. idroclim.*, 1936, 47: 342-7.—**Clements, F. W.** The growth curve of Australian infants during the second year of age. *Med. J. Australia*, 1936, 1: 647.—**Collins, S. D., & Clark, T.** Physical measurements of boys and girls of native white race stock (third generation native born) in the United States: physical measurement studies No. 1. *Pub. Health Rep.*, Wash., 1929, 44: 1059-83.—**Cometto, C. S.** Contribución al estudio del desarrollo físico de los niños argentinos en la edad escolar; peso, talla y perímetro torácico de los alumnos de la escuela de la Provincia de Buenos Aires. *Arch. argent. pediat.*, 1931, 2: 55-63.—**Dodge, C. T. J.** Weight of colored infants; growth during the first 18 months. *Am. J. Phys. Anthropol.*, 1927, 10: 337-45.—**Dunham, E. C., Aberle, S. D.** [et al.] Physical status of 219 Pueblo Indian children. *Am. J. Dis. Child.*, 1937, 53: 739-49.—**Dunham, E. C., Jeness, R. M., & Christie, A. U.** A consideration of race and sex in relation to the growth and development of infants. *J. Pediat.*, S. Louis, 1939, 14: 156-60.—**Ferreira, M. J., & Mello, E. J.** Altura e peso de escolares fluminenses [em Niterói, Rio de Janeiro] (Subsidio para o estudo antropométrico da criança brasileira) *Arch. hyg., Rio*, 1928, 2: 121-8.—**Fraga, E., & Torner, A. M.** El desarrollo físico de los niños en su relación con la profesión de los padres. *Med. ibera*, 1932, 26: pt. 2, 337.—**Galstaun, G.** A study of ossification as observed in Indian subjects. *Ind. J. M. Res.*, 1937-38, 25: 267-324, 2 pl.—**Gebhart, J. C.** Growth and development of Italian children in New York City. *Dent. Cosmos*, 1923, 65: 1345-57 [Discussion] 1391-4.—**Geshelina, L. S.** [Standards of anthropometric measurements of preschool children in Moskva] *Soviet. pediat.*, 1934, No. 3, 103-43.—**Godin, P., & van Lanckeren Matthes, O.** Accroissement maximum de chacun des grands segments du corps entre 9 et 13 ans en fonction de la race, du sexe et de la puberté. *Bull. Soc. anthrop. Paris*, 1932, 8. ser., 3: 180-3.—**Gray, H., & Nicholson, S. T.** The tallest American boys. *J. Am. M. Ass.*, 1927, 88: 2022-4.—**Hammond, J., & Sheng, H.** The development and diet of Chinese children. *Am. J. Dis. Child.*, 1925, 29: 729-42.—**Hoppe, F.** Ueber die körperliche Entwicklung der Lehrlinge. *Zschr. Schulgesundh.*, 1926, 39: 337-50.—**Hsu, K. L., & Liang, I. W.** A study of the growth development of school children in Peiping. *Nat. M. J. China*, 1930, 16: 195-214.—**Jørgensen, G.** [Tables on height and weight of school boys and school girls in Denmark] *Ugeskr. læger*, 1932, 94: 1091-4.—**Kaiser, T.** Vergleichende Untersuchungen über die Entwicklungsverhältnisse der Schulkinder in landwirtschaftlichen und industriellen Betrieben. *Zschr. Schulgesundh.*, 1930, 43: 537, 564.—**Kaneko, J.** The growth of the body of healthy infants in Dairen in relation to abnormal thoraces; statistics of children in Dairen in relation to specific diseases and abnormal thoraces. *J. Orient. M.*, Dairen, 1928, 8: 94. — Problem of child welfare in Manchuria, on the growth of the body of healthy infants in Dairen in relation to abnormal thoraces. *Polyclin. Dairen*, 1928-30, 4: No. 32, 94.—**Kapusto, E. V.** [Physical development of Russian school children in Tashkent] *Med. misl.*, Tashkent, 1930-31, 5: 77-89.—**Kazakevich, M. L.** [Physical development of the children of collective farmers (1936)] *Pediatría, Moskva*, 1940, No. 11, 91-8.—**Labernadie, V.** Contribution à l'étude de la première enfance à Cayenne. *Bull. Soc. path. extot., Par.*, 1927, 20: 991-3.—**Langston, E. A. C.** Some observations on infants and young persons in Bunyoro, Uganda. *East Afr. M. J.*, 1934-35, 11: 316-25.—**Papadarios,**

- E. La croissance physique de l'élève Grec (auxologie anthropologique) Arch. méd. enf., 1929, 32: 646-53.—**Lefliche, H.** Comparative physical growth in Eurafian and European juvenile adults. Human Biol., 1939, 11: 319-41.—**Li Ting-an, & Chang, Tso-fun.** A height-weight-age table for Chinese children. Nat. M. J. China, 1926-27, 13: 383-8, 2 tab.—**Liem Tjay Tie Soeparno, & Haas, J. H. de** [Weight and height of native and Chinese infants in Batavia] Geneesk. tschr. Ned. Indië, 1937, 77: 3207-36.—**Lloyd-Jones, O.** Race and stature: a study of Los Angeles school children. Res. Q. Am. Ass. Health, 1941, 12: 83-97.—**Lukášová, L.** [Physical development of school children in Prague] Anthropologie, Praha, 1926, 4: 85-112.—**Manuel, H. T.** Physical measurements of Mexican children in American schools. Child Develop., 1934, 5: 237-52.—**Marinescu-Bojiu, E.** [Biometric, comparative data on school children of Alsace and the region of Bucharest] Spitalul, 1939, 59: 68-71.—**Martinez, F., & Celorio, T. S.** El desarrollo físico en los escolares de la clase media española. Arch. españ. pediat., 1929, 13: 529-34.—**Mitchell, H. H.** A study of factors associated with the growth and nutrition of Porto Rican children. Human Biol., 1932, 4: 469-508.—**Meredith, H. V.** Stature of Massachusetts children of North European and Italian ancestry. Am. J. Phys. Anthropol., 1938-39, 24: 301-46.—**Newsoroff, W. D.** Physische Entwicklung der russischen Kinder im Jahre 1925 nach den anthropometrischen Untersuchungen. Zschr. ges. Anat., 2. Abt., 1927, 13: 60-82.—**Parker, L.** Heights and weights of Ilocano children. Month. Bull. Philippine Health Serv., 1922, 2: 212.—**Payne, G. C., Berriós, M. B., & Rivera, M.** Heights and weights of children in 3 communities of Porto Rico. Porto Rico J. Pub. Health, 1929-30, 5: 344-56, 4 pl.—**Platel, G., & Vandergoten, Y.** La courbe moyenne de croissance des enfants indigènes de race Mayumbe. Ann. Soc. belge méd. trop., 1938, 18: 221-3.—**Preston, M. I.** Growth of Oriental children in San Francisco; a contrast. Am. J. Dis. Child., 1936, 51: 1324-48.—**Ramagem Soares, O.** Desenvolvimento ponderal das crianças brasileiras. Arch. hyg., Rio, 1937, 7: 55-70, ch.—**Rouma, G.** Le développement physique de l'écolier bolivien. Bull. Soc. anthropol. Paris, 1921, 7, ser. 2: 79-140.—**Ruotsalainen, A.** Ueber die Wachstumsverhältnisse bei finnischen Kindern im Spielalter von 3-6 Jahren. Acta paediat., Upps., 1927-28, 7: Suppl. 2, 189-201. Ueber die Wachstumsverhältnisse bei finnischen Volksschulkindern. Ibid., 1939-40, 27: 374-92. Also Duodecim, Helsinki, 1940, 56: 20-8.—**Salvia, L. A.** Determinación de una norma standard de talla y peso para los niños de Pto Rico. Bol. As. méd. Puerto Rico, 1929-30, 22: No. 176, 32-4.—**Sánchez Carvajal, M. A.** El peso y la talla del escolar Venezolano. Bol. Min. san., Caracas, 1939, 4: No. 5, 183-5.—**Santos Fernández, J.** El desarrollo físico del escolar cubano; sus curvas normales de crecimiento; estudio de antropología pedagógica. Crón. med. quir., Habana, 1921, 46: 339-44.—**Schmidt-Kehi, L.** Ueber die Wirkung des Berufs auf die Breitenentwicklung von kräftigen und schwächlichen Jugendlichen. Arch. Hyg., Münch., 1930-31, 105: 245-61.—**Size and weight in 269 Chinese children and young adults.** China M. J., 1922, 36: 305-10.—**Skokowski, B., & Cwirko-Godyekt, J.** La taille de la jeunesse des écoles de Poznań (années 1922-27) Anthropologie, Praha, 1928, 6: 77-80.—**Suárez, L. A.** Biometria del niño peruano desde el nacimiento hasta 2 años de edad. Crón. méd., Lima, 1935, 52: 456-64.—**Syrkin, L. A.** [Variations in physical development in the school children in Glukhovo (textile industrial town)] Sovet. pediat., 1935, No. 5, 76-83.—**Todd, T. W.** Anthropology and growth. Science, 1935, 81: 259-63. Also repr.—**Tso, E.** Birth weight and growth of Chinese infants during the first year. Chin. J. Physiol., 1930, 4: 31-40.—**Walch-Sorgdrager, G. B., & Wijers-van Puffelen, A. J. E.** [Weight curve of native children in Batavia during the first year of life] Geneesk. tschr. Ned. Indië, 1932, 72: 1117-46.—**Westbrook, C. H., & Lai, D. G.** The height and weight measurements, and their correlation with the mental traits of Chinese students in Shanghai. China M. J., 1930, 44: 1024-40, pl.—**Wisniewski, S., & Madeyska, S.** [Growth of the youth of the Lemberg public schools] Przegl. hyg., 1908, 7: 230, 282.—**Wissler, E.** Race and sex differences in growth. Eugen. News, 1929, 14: 9-11.

GROWTH hormone [and activating substances]

See also Cell division; Growth, Endocrine aspect; Growth [human] Endocrine aspect; Regeneration; Vitamine.

GADJEFF, I. *Ueber Wachstumshormone. 32p. 8°. Münch. [1933]

- Dodds, E. C.** The growth hormone. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, Surveys, 108.—**Laibach, F., & Lotz, R.** Methodisches zur Wuchsstoffuntersuchung. Biochem. Zschr., 1936, 188: 250-6.—**Maschmann, E., & Laibach, F.** Ueber Wuchsstoffe. Ibid., 1932, 255: 446-52.—**Needham, J.** Substances promoting normal and abnormal growth. Brit. M. J., 1936, 2: 701-6.—**Nielsen, N.** The chemistry of growth substance B. Arch. exp. Zellforsch., 1936-37, 19: 212.—**Hartelius, V.** Zur Methodik der Wuchsstoffuntersuchung mittels Hefe. C. rend. Lab. Carlsberg, 1940, 23: physiol., 93-105.—**Reiss, M.** [Hormones and growth] Usp. sovrem. biol., 1936, 5: 871-84.—**Soltys, A., Umrath, K., & Umrath, C.** Ueber Erregungssubstanz, Wuchsstoff und Wachstum. Protolasma, Lpz., 1938-39, 31: 454-80.—**Thomassen, J.** Polarographische

Untersuchung des Wachstumshormons, des Insulins und anderer Hormone von Eiweißstruktur. Acta brevica neerl., 1939, 9: 83.

Amino acids.

See also Amino acid, Effect, Therapeutic use.

- Asher, L., & Kaeser, R.** Untersuchungen über den Wachstumseinfluss von Aminosäuren und Wachstumshormon der Hypophyse, in Abhängigkeit von der Zusammensetzung der Nahrung. Biochem. Zschr., 1937, 294: 284-92.—**Borghi, B.** L'influenza esercitata dagli aminoacidi sui processi rigenerativi. Sperimentale, 1940, 94: 36-42.—**Copenhaver, W. M., & Detwiler, S. R.** Developmental behavior of amblystoma eggs subjected to solutions of indolebutyric acid. Anat. Rec., 1941, 79: 247-60, pl.—**Drăgoiu, I., & Crișan, C.** L'influence des acides aminés sur la croissance des végétaux. Bull. Acad. méd. Roumanie, 1938, 3: 474-7.—**Hammett, F. S.** Comparison of d-alanine, l-phenylalanine, and l-tyrosine with respect to their participation in developmental growth. Protolasma, Lpz., 1936-37, 27: 52-60.—**Hartelius, V.** Wuchsstoffwirkung der Aminosäuren, Steigerung der Wuchsstoffwirkung der Bierwürze durch Behandlung mit Alkali oder Salzsäure. C. rend. Lab. Carlsberg, 1939, 22: physiol., 323-36.—**Kaeser, R.** Untersuchungen über den Wachstumseinfluss von Aminosäuren und Wachstumshormon der Hypophyse, in Abhängigkeit von der Zusammensetzung der Nahrung. Ausz. Inaugur. Diss. Med. Fak. Univ. Bern (1935-37) 1938, No. 223, 1-4.—**Nielsen, N., & Hartelius, V.** Wuchsstoffwirkung der Aminosäuren; Untersuchungen über die Wuchsstoffwirkung der Aminosäuren gegenüber Hefe. C. rend. Lab. Carlsberg, 1937-38, 22: physiol., 249-66. Wuchsstoffwirkung der Aminosäuren, Untersuchungen über die Wuchsstoffwirkung von β -Alanin, β -Alanilglycin, Asparaginsäure, Glycyl-Asparagin-Säure und verwandte Stoffe auf Hefe. Ibid., physiol., 271-80. Wuchsstoffwirkung der Aminosäuren, Untersuchungen über das Zusammenwirken von Aneurin und β -Alanin als Wuchsstoffe für Hefe in Verbindung mit Asparagin und Glutaminsäure. Ibid., physiol., 375-85. Untersuchungen über die Wuchsstoffwirkung der Aminosäuren gegenüber Hefe. Biochem. Zschr., 1937-38, 295: 211-25. Untersuchungen über die Wuchsstoffwirkung von β -Alanin, β -Alanilglycin, Asparaginsäure, Glycyl-Asparaginsäure und verwandte Stoffe auf Hefe. Ibid., 1938, 296: 359-66.—**Puccinelli, V.** L'influenza degli aminoacidi sui processi rigenerativi; lisina. Sperimentale, 1939, 93: 494-501.—**Womack, M., & Rose, W. C.** Feeding experiments with mixtures of highly purified amino acids, the dual nature of the unknown growth essential. J. Biol. Chem., 1938-36, 112: 275-82. Also repr.

Auxin [and plant growth factors]

See also Germination; Plant; Yeast.

- BOYSEN-JENSEN, P.** Growth hormones in plants; authorized Engl. transl. of Die Wuchsstofftheorie und ihre Bedeutung für die Analyse des Wachstums und der Wachstumsbewegungen der Pflanzen; transl. by George S. Avery [et al.] 268p. 8°. N. Y., 1936.

NICOL, H. Plant growth-substances. 108p. 22cm. N. Y., 1938.

SCHLENKER, G. Die Wuchsstoffe der Pflanzen; ein Querschnitt durch die Wuchshormonforschung. 106p. 8°. Münch., 1937.

- Avery, G. S., jr.** The growth hormones found in plants. In Sympos. Horm. Sigma Xi Ohio, 1937, 317-32.—**Berrier, H.** Les substances du type des auxines végétales au cours de l'évolution de Bombyx mori L. C. rend. Acad. sc., 1937, 205: 1009-11.—**Bonner, J.** The hormones and vitamins of plant growth. Sc. Month., 1938, 47: 439-48.—**Cholodny, N.** Wuchshormone und Tropismen bei den Pflanzen. Biol. Zbl., 1927, 47: 604-26.—**Dagys, J.** Die Hefewuchsstoffe in Knospen und Blättern. Protolasma, Lpz., 1936, 26: 20-41. Ueber die gebundenen Hefewuchsstoffe. Ibid., 1938, 31: 524-34. Untersuchungen über die Wuchsstoffe des Birkensaftes. C. rend. Lab. Carlsberg, 1940, 23: physiol., 1-15.—**Heyn, A. N. J.** Auxine. In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, 5: T. 3B. 2. Hälfte, 823-61.—**Hoder, F.** Wuchsstoffe in Pflanzen. Med. Klin., Berl., 1932, 28: 1430.—**Janke, A., & Sorgo, F.** Ueber die Wuchsstoffe der Schimmelpilze. Arch. Mikrob., Berl., 1939, 10: 265-78.—**Janot, M. M.** Les hormones de croissance chez les végétaux. Bull. Soc. chim. biol., Par., 1936, 18: 1741-68. Also Sciences, Par., 1937, 65: 175-8. Also Rev. flora med., Rio, 1938-39, 5: 161; 269: 323.—**Knight, E. E.** Propagation studies with root growth promoting substances. Abstr. Theses Univ. Pittsburgh, 1938, 14: 342.—**Malowan, S. L.** Wuchsstoffe und Pflanzenwachstum. Protolasma, Lpz., 1934, 21: 306-22.—**Melchers, G.** Die Blühormonforschung; Entwicklung und gegenwärtiger Stand. Umschau, 1940, 44: 214-50.—**Nazao, M.** Studies on the growth hormones of plants; the production of growth substance in root tips. Tohoku Univ. Sc. Rep., 1935-36, 10: 721-31. Studies on the growth hormones of plants; the occurrence of growth substance in isolated roots grown under sterilized conditions. Ibid., 1937-38, 12: 191-3.—**Nielsen, N., & Fang, Sing-Fang.** Vergleichende Untersuchungen über Wuchsstoffwirkung auf verschiedene Arten von Hefe und Schimmel-

pilzen. C. rend. Lab. Carlsberg, 1937, 22: 141-54.—Paulmann, F. K. Weitere Untersuchungen an einem wachstums- und zellteilungs-fördernden Stoff in Keimpflanzen. Biochem. Zschr., 1938-39, 300: 153-9.—Schmucker, T. Wuchsstoffe im Pflanzenreich. Hippokrates, Stuttgart, 1935, 9: 351-5.—Thimann, K. V. Studies on the growth hormone of plants; the distribution of the growth substance in plant tissues. J. Gen. Physiol., 1934, 18: 23-34. Also Annual Rev. Biochem., 1935, 4: 515-68. Also Nature, Lond., 1938, 142: 443. Also J. Franklin Inst., 1940, 229: 337-46. ———. On the plant growth hormone produced by *Rhizopus stolonis*. J. Biol. Chem., 1935, 109: 279-91. Also repr. ——— & Bonner, J. Studies on the growth hormone of plants; the entry of growth substances into the plant. Proc. Nat. Acad. Sc. U. S., 1932, 18: 692-701. ———. Plant growth hormones. Physiol. Rev., 1938, 18: 524-53.—Thimann, K. V., & Koepfli, J. B. Identity of the growth-promoting and root-forming substances of plants. Nature, Lond., 1935, 135: 101.—Van Overbeek, J. Is auxin produced in roots? Proc. Nat. Acad. Sc. U. S., 1939, 25: 245-8.—Went, F. W. Allgemeine Betrachtungen über das Auxin-Problem. Biol. Zbl., 1936, 56: 449-63. ———. Growth hormones in the higher plants. Annual Rev. Biochem., 1939, 8: 521-10.

Auxin: Chemistry.

Enders, C., & Hegendörfer, M. Zur Dynamik und Bestimmung der Hefewuchsstoffwirkung. Biochem. Zschr., 1938, 298: 16-26.—Erxleben, H. Ueber die Chemie und Physiologie der Auxine. Erg. Physiol., 1935, 37: 186-209.—Gustafson, F. G. Some difficulties encountered in the extraction of growth hormones from plant tissues. Science, 1940, 92: 266.—Haagen-Smit, A. J. Ueber die Physiologie und Chemie der pflanzlichen Wuchshormone. Erg. Vitam. Hormonforsch., 1939, 2: 347-80.—Hartelius, V., & Nielsen, N. Ausschüttelung des Faktors Z und der Bios-Wuchsstoffe durch Hefe. Biochem. Zschr., 1938, 298: 125-9.—Kögl, F. Die Chemie des Auxins und sein Vorkommen im Pflanzen- und Tierreich. Naturwissenschaften, 1933, 21: 17-21. ———. Untersuchungen über pflanzliche Wuchsstoffe. Ibid., 1935, 23: 839-43. ——— & Erxleben, H. Ueber pflanzliche Wuchsstoffe; über die Konstitution der Auxine a und b. Zschr. physiol. Chem., 1934, 227: 51-73. ———. Ueber pflanzliche Wuchsstoffe; Synthese der Auxin-glutarisäure und einiger Isomere. Ibid., 1935, 235: 181-200, ch. ——— & Haagen-Smit, A. J. Ueber ein Phytohormon der Zellstreckung; zur Chemie des kristallisierten Auxins. Ibid., 1933, 216: 31-44. ———. Ueber pflanzliche Wuchsstoffe; über die Isolierung der Auxine a und b aus pflanzlichen Materialien. Ibid., 1934, 225: 215-29.—Kögl, F., & Hasselt, W. van. Isolierung von Bios I (Meso-inosit) aus Hefe. Ibid., 1936, 242: 74-80.—Kögl, F., Haagen-Smit, A. J., & Erxleben, H. Ueber ein Phytohormon der Zellstreckung; Reindarstellung des Auxins aus menschlichem Harn. Ibid., 1933, 214: 241-61.—Kögl, F., Koningsberger, C., & Erxleben, H. Ueber die Selbstinaktivierung der Auxine a und b. Ibid., 1936, 244: 266-78, pl.—Kögl, F., & Kostremans, D. G. F. R. Ueber pflanzliche Wuchsstoffe; Hetero-auxin als Stoffwechselprodukt niederer pflanzlicher Organismen; Isolierung aus Hefe. Ibid., 1934, 228: 113-21.—Nielsen, N., & Hartelius, V. Ueber die Trennung der auf die Stoffproduktion der Hefe und Schimmelpilze einwirkenden Wuchsstoffe. C. rend. Lab. Carlsberg, 1937, 22: physiol., 1-22.—Rytz, W. jr. L'aneurine, facteur de croissance de Pisum; recherches sur l'évolution du taux de l'aneurine au cours de la germination et du développement. C. rend. Soc. biol., 1935, 129: 814. ———. Contribution au métabolisme des facteurs de croissance. Ibid., 127: 273-5.—Schopfer, W. H. Vitamines et facteurs de croissance chez les plantes; recherches sur la solubilité des facteurs de croissance; le facteur de l'urine. Arch. Mikrob., Berl., 1935, 6: 290-308. ——— & Moser, W. Recherches sur la concentration et la séparation des facteurs de croissance de micro-organisme contenus dans le germe de blé. Protoplasma, Lpz., 1936, 26: 539-56.—Skogg, F., & Thimann, K. V. Enzymatic liberation of auxin from plant tissues. Science, 1940, 92: 64.—Van Overbeek, J. A simplified method for auxin extraction. Proc. Nat. Acad. Sc. U. S., 1938, 24: 42-6.—Went, F. W., & Thimann, K. V. The technique of auxin determinations. In their Phytohormones, N. Y., 1937, 21-36.

Auxin: Effect.

Beck, W. A., & Donnelly, M. W. Bending and cell enlargement in the hypocotyl of *Helianthus annuus*. Stud. Inst. Divi Thomae, Cincin., 1939, 2: 259-81.—Bonner, J. Studies on the growth hormone on plants; on the mechanism of the action. Proc. Nat. Acad. Sc. U. S., 1933, 19: 717-9. Also J. Gen. Physiol., 1933, 17: 63-76. ———. The relation of hydrogen ions to the growth rate of the Avena coleoptile. Protoplasma, Lpz., 1934, 21: 406-23. ——— & Thimann, K. V. Studies on the growth hormone of plants; the fate of growth substance in the plant and the nature of the growth process. J. Gen. Physiol., 1934-35, 18: 649-58. Also repr.—Boysen-Jensen, P. Le rôle de l'auxine dans la croissance et les mouvements de croissance chez les plantes supérieures. Scientia, Bologna, 1939, 66: 233-40.—Chouard, P. Sur la nature de l'excitation par les hétéro-auxines dans la formation provoquée de racines ou de bourgeons en n'importe quel point de boutures de feuilles. C. rend. Acad. sc., 1938, 207: 597-9.—Deleano, N. T., & Ullmann, L. V. Action de l'hétéro-auxine (acide indol- β -acétique) sur la catalase des tiges du blé. Bull. Soc. chim. biol.,

Par., 1938, 20: 48-50.—Grace, N. H. Physiological curve of response to plant growth hormones. Nature, Lond., 1938, 141: 35.—Kögl, F., & Fries, N. Ueber den Einfluss von Biotin, Aneurin und Meso-Inosit auf das Wachstum verschiedener Pilzarten. Zschr. physiol. Chem., 1937, 249: 93-110.—Kögl, F., & Haagen-Smit, A. J. Ueber pflanzliche Wuchsstoffe; Biotin und Aneurin als Phytohormone; ein Beitrag zur Physiologie der Keimung. Ibid., 1936, 243: 209-26. ——— & Hultsen, C. J. van. Ueber pflanzliche Wuchsstoffe; über den Einfluss unbekannter äusserer Faktoren bei Versuchen mit Avena sativa. Ibid., 241: 17-33.—Laibach, F., & Fischnich, O. Ueber Blattbewegungen unter dem Einfluss von künstlich zugeführtem Wuchsstoff. Biol. Zbl., 1936, 56: 62-8.—Martin du Pan, R., & Ramseyer, M. Recherches sur l'influence des hormones de croissance végétales sur le développement du germe des batraciens. C. rend. Soc. biol., 1935, 119: 1236.—Nagao, M. Studies on the growth hormones of plants; effect of hetero-auxin on the growth of *Helianthus hypocotyl*. Sc. Rep. Tohoku Univ., 1936-37, 11: 447-61. ———. Further experiments on the production of growth substance in root-tips. Ibid., 1938-39, 4, ser., 13: 221-8.—Navez, A. E. Growth-promoting substance and elongation of roots. J. Gen. Physiol., 1933, 16: 733-9.—Nielsen, N. Der Einfluss der Wuchsstoffe auf die Senkungsgeschwindigkeit der Hefe. Arch. Mikrob., Berl., 1937, 8: 422-7.—Ramseyer, M., & Du Pan, R. M. Recherches concernant l'influence des auxines, phytohormones de croissance, sur les cultures de fibrobaste de Poulet. Arch. exp. Zellforsch., 1937, 20: 117-21.—Ronsdorf, L. Vergleichende Untersuchungen über die Wirkung verschiedener Wuchsstoffe auf das Wachstum einiger Pilze. Arch. Mikrob., Berl., 1935, 6: 309-25.—Schopfer, W. H. Sur le facteur de croissance du germe de blé; son extraction par l'acétate de plomb et son action sur un champignon. Ibid., 1934, 5: 502-10. ——— & Blumer, S. Untersuchungen über die Biologie von *Ustilago violacea* (Pers.) Fuck; Wirkung des Aneurins und anderer Wuchsstoffe vitamischer Natur. Ibid., 1938, 9: 305-67.—Skogg, F. The effect of X-irradiation on auxin and plant growth. J. Cellul. Physiol., 1935-36, 7: 227-70.—Sweeney, B. M., & Thimann, K. V. The effect of auxins on protoplasmic streaming. J. Gen. Physiol., 1937-38, 21: 439-61. Also repr.—Templeman, W. G., & Marmoy, C. J. The effect upon the growth of plants of watering with solutions of plant-growth substances and of seed dressings containing these materials. Ann. Appl. Biol., Lond., 1940, 27: 453-71.—Thimann, K. V. Auxins and the inhibition of plant growth. Biol. Rev. Cambridge Philos. Soc., 1939, 14: 314-37. ——— & Skogg, F. Studies on the growth hormone of plants; the inhibiting action of the growth substance on bud development. Proc. Nat. Acad. Sc. U. S., 1933, 19: 714-6. ———. On the inhibition of bud development and other functions of growth substance in *Vicia faba*. Proc. R. Soc., Lond., 1934, ser. B, 114: 317-39. Also repr.—Thimann, K. V., & Sweeney, B. M. The effect of auxins upon protoplasmic streaming. J. Gen. Physiol., 1937-38, 21: 123-35. Also repr.—Weiler, F. Das Verhalten der Wurzeln unter der Einwirkung von Wuchsstoffen der Avena- und der Zea-Koleoptilspitzen. Bull. internat. Acad. polon. sc., 1938, ser. B, 1: 1-31, pl.

Bioassay.

WEINTRAUB, R. L. An assay method for growth-promoting substances utilizing straight growth of the Avena coleoptile. 10p. 8° Wash., 1938.

Beck, W. A., & Donnelly, M. W. The *Nelanthus* test. Stud. Inst. Divi Thomae, Cincin., 1939, 2: 179-88.—Chou, C., Chang, C. [et al.] Observations on the quantitative assay of growth-promoting extract of the hypophysis. Endocrinology, 1938, 22: 322-34.—Freud, J., & Levie, L. H. Hypophyse und Schwanzwachstum der Ratte; ein Test für Wachstumshormone. Arch. internat. pharm. dyn., Par., 1938, 59: 232-42.—Light, A. E., DeBeer, E. J., & Cook, C. A. Biological assay of anterior pituitary growth hormone. Proc. Soc. Exp. Biol., N. Y., 1940, 44: 192-6.—Reuter, L. Eine Testmethode zum quantitativen Nachweis von Wuchsstoff B. Protoplasma, Lpz., 1936, 25: 614-28.—Shackell, E. M. Investigations on the specificity of the action of auxins for the avena and pea tests. Austral. J. Exp. Biol., 1937, 15: 33-42.—Skogg, F. A deseeded avena test method for small amounts of auxin and auxin precursors. J. Gen. Physiol., 1936-37, 20: 311-34. Also repr.—Weber, A. Etude des hormones de croissance aux différents stades du développement d'un animal, par la méthode des homographies. Schweiz. med. Wschr., 1935, 65: 254-6.

bacterial.

See also Bacteria, Cultivation.

DECKER, G. *Ueber Nähr-, Wuchs- und Hemmungsstoffe, sowie spezifische Substrate des Bacterium acetylcholini (Keil) 12p. 8° Heidelberg, 1937.

Bordet, P. Facteurs de croissance et toxogénèse. Ann. Inst. Pasteur, Par., 1938, 61: 782-4.—Janke, A. Die Wuchsstoff-Frage in der Mikrobiologie. Zbl. Bakt., 2. Abt., 1939, 100: 409-59.

— Bios, biotin, and pantothenic acid.

See also Pantothenic acid; Vitamin B.

Drumel, G., & Hubert, L. Quelques caractères chimiques de la biotine. *Arch. internat. physiol.*, 1938-39, 46: 141-88.—**Eagles, B. A., Okulich, O., & Kadzielaws, A. S.** Wildiers' Bios and the lactic acid bacteria: the relation of Bios to the water-soluble B-vitamins. *Canad. J. Res.*, 1938, 16: sect. B, 46-53.—**Farrell, L. N.** The influence of inositol, Bios IIA, and Bios IIB on the reproduction of 12 species of yeast, a new constituent of Bios. *Tr. R. Soc. Canada*, 1935, 3, ser., 29: sect. 3, 167-73.—**Growth stimulator isolated**; found similar to vitamins; 20 milligrams of pantothenic acid extracted from several hundred pounds of liver, chemists told. *Science News Lett.*, 1935, 28: 131.—**György, P., Rose, C. S.** [et al.] A further note on the identity of vitamin H with biotin. *Science*, 1940, 92: 609.—**Hartelius, V., & Nielsen, N.** Ausschüttelung des Faktors Z und der Bios- Wuchsstoffe durch Hefe. *C. rend. Lab. Carlsberg*, 1937-38, 22: physiol., 281-6.—**Janssens, E.** Le bios de la léctithine. *Arch. internat. physiol.*, Liège, 1933, 36: 70-86. — Etudes sur le bios: un lipide actif et l'indispensabilité de l'inosite. *Ibid.*, 1934-35, 40: 257-82.—**Landy, M., & Dicken, D. M.** Biotin synthesis by microorganisms. *J. Bact., Balt.*, 1941, 41: 40.—**Loofbourou, J. R., Schmieder, L.** [et al.] Note on the ultra-violet absorption spectra of bios and other growth promoting preparations. *Stud. Inst. Divi Thomae, Cincin.*, 1937, 1: 79-81.—**McElroy, L. W., & Jukes, T. H.** Formation of the anti egg-white-injury factor (biotin) in the rumen of the cow. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 45: 296.—**Möller, E. F.** Das Biosproblem und die allgemeine Bedeutung der Wuchsstoff-Forschung. *Umschau*, 1939, 43: 851-3.—**Norris, R. J., & Ruddy, M. V.** A study of stimulation of growth, respiration and fermentation by bios and bios-like substances. *Stud. Inst. Divi Thomae, Cincin.*, 1937, 1: 53-64. — Biological assay of dialyzed fractions of bios. *Ibid.*, 65-78.—**Peterson, W. H., McDaniel, L. E., & McCoy, E.** Biotin requirements of clostridia and assay of biological materials for biotin. *J. Biol. Chem.*, 1940, 133: Proc., 75.—**Richards, O. W.** The stimulation of yeast proliferation by pantothenic acid. *Ibid.*, 1936, 113: 531-6. Also repr.—**Santen, A. M. A. van, & Koningsberger, V. J.** Pflanzen-Wuchsstoffe der Biosgruppe. *Tabulae biol.*, Haag, 1939, 17: 241-66.—**West, P. M., & Wilson, P. W.** Biotin as a growth stimulant for the root nodule bacteria. *Enzymologia*, Haag, 1940, 8: 152-62.

— Effect.

Castan, R., & Chouard, P. Note sur l'action de diverses hormones sur la croissance des plantules et le développement de leurs racines. *C. rend. Soc. biol.*, 1937, 125: 751-4.—**Dunn, M. S.** Notes on the effects of certain glandular products upon plant growth. *Am. J. Pharm.*, 1937, 109: 9-17.—**Gross, L.** Ueber den Einfluss der Hypophysenvorderlappen-hormone, des Schwangerenharns und der Placenta auf transplantable Sarkome bei Mäusen. *Zschr. Krebsforsch.*, 1932, 36: 606-16.—**Hykes, O. V.** De l'influence de quelques hormones sur la feuillaison et le développement des végétaux. *C. rend. Soc. biol.*, 1933, 113: 629-32.—**Kavetzky, R. E.** [Effect of hormones of growth on tissues cultivated by the method of culture affrontée] *Med. biol. J. Leningr.*, 1928, 4: 76-83.—**Lépine, P., & Billinger, F.** Action comparative sur la croissance des cobayes, du blé germé, du blé bouilli et du son. *Ibid.*, 1934, 116: 290-3.—**Nitzescu, I. I., & Contzea, I.** Wuchstshormon und Kreatinurie. *Klin. Wschr.*, 1937, 16: 825.—**Reiss, M., Hochwald, A., & Druckrey, H.** Ueber energetische Grundlagen endokriner Wirkungen; die Rolle des Wuchstshormons im Stoffwechsel von Leber und Niere. *Endokrinologie*, 1933, 13: 1-4.—**Rubinstein, H. S.** The effect of the growth hormone on the brain weight-body weight ratio. *Anat. Rec.*, 1932, 53: 265-8. — The effect of the growth hormone in the early growth period of the albino rat. *Bull. School M. Univ. Maryland*, 1933, 17: 163-8.—**Sahyun, M.** Studies on growth factors; their effect on the growth of certain pathogens, and their effect on *Escherichia coli*. *J. Biol. Chem.*, 1935, 109: p. lxxviii.—**Skoog, F., & Thimann, K. V.** Further experiments on the inhibition of the development of lateral buds by growth hormone. *Proc. Nat. Acad. Sc. U. S.*, 1934, 20: 480-5.—**Weber, A. P.** De l'influence des hormones cristallisées sur la croissance de certaines espèces de levures. *C. rend. Acad. sc.*, 1936, 202: 517-9.—**Wehefritz & Gierhake.** Experimentelle Untersuchungen über Wachstumshormone. *Arch. Gyn.*, Berl., 1930-31, 144: 278-80 [Discussion] 292-7.—**Zavřel, J.** [Could hormones of vertebrata influence the growth and evolution of invertebrata] *Spisy Lék. Fak. Masaryk. Univ.*, 1930, 9: A 95, 1-8. Also *Arch. zool. ital.*, 1931, 16: 191-6.

— embryonal.

See also Embryo, Extract.

Berrier, H. A propos des substances du type auxines décelées dans l'embryon de poulet. *C. rend. Soc. biol.*, 1939, 131: 943.—**Carnot, P.** Présentation de lots de tétards à croissance amplifiée par les extraits embryonnaires. *Ibid.*, 1926, 95: 392-4. — Les régulations hormonales de la prolifération cellulaire; hormones embryonnaires; hormones de régénération. In *Régul. hormon.*, Par., 1937, 770-7.—**Hetherington, D. C., & Craig, J. S.** Tissue culture growth stimulants from ground frozen-dried chick embryos. *Proc. Soc. Exp.*

Biol., N. Y., 1940, 44: 282-5.—Investigation into the growth-promoting factors of embryo extract. *Annual Rep. Brit. Empire Cancer Campaign*, 1938, 15: 245.—**Miszurski, B.** Recherches sur l'influence des extraits d'embryons de différents âges sur la croissance et la différenciation du cartilage et de l'os en culture. *Arch. anat. micr., Par.*, 1939-40, 35: 223-41, pl.—**Robinson, T. W., & Woodside, G. L.** Auxin in the chick embryo; its presence and the change in concentration with age. *J. Cellul. Physiol.*, 1936-37, 9: 241-60.—**Wright, G. P.** On the dialysability of the growth-activating principle contained in extracts of embryonic tissues. *J. Exp. M.*, 1926, 43: 591-4.

— endocrine.

See also subheading pituitary; also names of endocrine glands as Estrogen; Gonad; Pituitary; Suprarenals; Thyroid, &c.

Babad, P. Les hormones cortico-surréaliennes contrôlent-elles l'absorption digestive des protéides et la rétention azotée au cours de la croissance? *Arch. internat. physiol.*, Liège, 1939, 49: 407-12.—**Janet, M. M.** Action des hormones cristallisées femelles sur le développement de quelques végétaux. *C. rend. Acad. sc.*, 1934, 198: 1175-8.—**Lesné, E., Launay, C., & Rogé, R.** De l'influence de l'hormone mâle sur le développement et la croissance. In *Régul. hormon.*, Par., 1937, 381-8.—**Rubinstein, H. S., & Solomon, M. L.** Growth-stimulating effect of testosterone propionate. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 44: 442.—**Wells, B. B., & Kendall, E. C.** The influence of corticosterone and α_1 -hydroxydehydrocorticosterone, compound E, on somatic growth. *Proc. Mayo Clin.*, 1940, 15: 324-8.

— Inhibition, and inactivation.

Brues, A. M., Subbarow, Y. [et al.] Growth inhibition by substances in liver. *J. Exp. M.*, 1940, 71: 423-38, 2 pl.—**Carrel, A., & Ebeling, A. H.** Antagonistic growth-activating and growth-inhibiting principles in serum. *Ibid.*, 1923, 37: 653-8.—**Moon, H. D.** Inhibition of somatic growth in castrate rats with pituitary extracts. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 34-6.—**Rubinstein, H. S.** The inactivation of growth hormone; as a result of inadequate refrigeration. *J. Lab. Clin. M.*, 1933, 19: 63-6. — The inactivation of growth hormone; as a result of exposure to air. *Ibid.*, 404.

— Mechanism of action.

KLEWANSKY, R. *Wachstumssteigerung als Folge vegetativ-hormonalen Einflusses [14]p. 8°. Königsb., 1934.

Bates, R. W., Laanes, T., & Riddle, O. Evidence from dwarf mice against the individuality of growth hormone. *Proc. Soc. Exp. Biol.*, N. Y., 1935-36, 33: 446-50.—**Boas, F., & Bauer, R.** Ueber das Wuchsstoffbedürfnis von Dematium. *Protoplasma*, Lpz., 1936-37, 27: 106-13.—**Freud, J., Levie, L. H., & Kroon, D. B.** Observations on growth (chondrotrophic) hormone and localization of its point of attack. *J. Endocr., Oxf.*, 1939, 1: 56-64, 3 pl.—**Grassmann, W.** Ueber Wachstumsvitamine und -hormone und die Beziehung einiger thermostabiler Faktoren zu Wachstumsvorgängen. *Zschr. Krebsforsch.*, 1933-34, 40: 217-28.—**Guyénot, E.** Mode d'action du facteur auxogène de l'urine de femme enceinte. *C. rend. Soc. biol.*, 1938, 129: 119-22.—**Haberlandt, G.** Statolithentheorie und Wuchstoffslehre. *Sitzber. Preuss. Akad. Wiss., phys. math. Kl.*, 1937, 186-92.—**La Granda, A. de, Magaz, A., & Almagro, A.** Crecimiento y morfogenesis; ¿una nueva hormona? *Med. ibera*, 1935, 29: pt 2, 35. Also *Siglo méd.*, 1935, 95: 474-81.—**Stefani, S.** Equivalenza e aspecificità degli ormoni morfogenetici. *Polielinico*, 1931, 38: sez. med., 99-104.

— Occurrence.

Berrier, H. Sur la présence et la répartition de substances fonctionnant comme les auxines végétales chez *DiscoGLOSSUS pictus* Oth adulte. *C. rend. Soc. biol.*, 1937, 124: 1319-21. — Sur la répartition de substances fonctionnant comme les auxines végétales dans l'organisme du cobaye. *Ibid.*, 125: 743-5. — Sur les matières actives du type des auxines végétales qui peuvent se révéler au cours du cycle évolutif de *Lucilia* sp. *Ibid.*, 126: 453-5. — Sur les substances du type auxines qui peuvent se révéler dans l'oeuf incubé de poule et chez l'oiseau adulte. *Ibid.*, 1939, 131: 941. — Sur la présence de substances fonctionnant comme les auxines végétales dans le sang et divers organes autolysés du discoglosse et du cobaye. *C. rend. Acad. sc.*, 1939, 208: 1677-9.—**Calò, A.** Beitrag zur wuchstumsregenden und wuchstumsfördernden Wirkung von Nekrohormonen aus Kulturen normaler und neoplastischer Gewebe. *Zschr. Krebsforsch.*, 1931-32, 35: 411-4.—**Dittmar, C.** Ueber die Verteilung der Wuchsstoffe der Biosgruppe in normalen tierischen Geweben und in Tumoren. *Biochem. Zschr.*, 1935, 279: 99-105.—**Fardon, J. C., & Sullivan, W. A.** Growth-promoting substances from injured tissue in vitro. *Stud. Inst. Divi Thomae, Cincin.*, 1938-39, 2: 39-46, pl.—**Andrus, M. B.** Growth-promoting substances liberated by traumatized tissues in vitro. *Ibid.*, 233-7, 3 pl.—**Fischer, A.** Nature of the growth-accelerating substance of animal tissue cells. *Nature*, Lond., 1939, 144: 113.—**Guyénot, E., & Ponce, K.** Action auxogène

pure d'une urine de femine ovariectomisée; réaction auxogène et lutéinisation secondaire chez les femelles immatures et adultes de cobayes. Arch. anat., Strasb., 1938-39, 26: 253-88.—**Hartelius, V.** Ueber das Vorkommen von Wuchsstoff B im Harn. Biochem. Zschr., 1933, 261: 76; 89.—**Hoffman, R. S., Tenenbaum, E., & Doljanski, L.** The growth activating effect of extracts of adult tissue on fibroblast colonies in vitro; experiments with extracts of brain, bone-marrow, liver, lung, smooth muscle, pancreas, kidney, ovary, oviduct, spleen and testis. Growth, Ithaca, 1940, 4: 207-21.—**King-Li-Pin, & Shih-Yuan-Kao.** Preliminary research on the growth-stimulating action of a diet of fatigued muscles. Contr. Inst. Physiol. Nat. Acad. Peiping, 1934, 1: 53-60, pl.—**Kögl, F., & Hasselt, W. van.** Ueber pflanzliche Wachstumsstoffe, über das Vorkommen von Biotin im tierischen Organismus. Zschr. physiol. Chem., 1936, 243: 189-94.—**Kögl, F., & Tönnis, B.** Ueber pflanzliche Wachstumsstoffe; über das Bios-Problem; Darstellung von kristallisiertem Biotin aus Eigelb. Ibid., 242: 43-73.—**Kögl, F., Haagen-Smit, A. J., & Erlexben, H.** Ueber pflanzliche Wachstumsstoffe; Studien über das Vorkommen von Auxinen im menschlichen und im tierischen Organismus. Ibid., 1933, 220: 137-61. — Ueber pflanzliche Wachstumsstoffe, über ein neues Auxin ("Hetero-auxin") aus Harn. Ibid., 1934, 228: 90-103.—**Koser, S. A., Saunders, F.** [et al.] Studies on bacterial nutrition; the distribution of a growth stimulating factor in animal and plant tissues. J. Infect. Dis., 1936, 58: 121-7.—**Kratinova, E. R., & Ushakova, A. S.** [Effect of the urine of pregnant animals on the development of a growing body.] J. Physiol. USSR, 1937, 22: 698-703.—**Loofbourow, J. R., Dwyer, C. M., & Lane, M. M.** Proliferation-promoting inter-cellular hormones; quantitative studies of factors produced by injured animal tissue cells. Biochem. J., Lond., 1940, 34: 432-41.—**Lwoff, A., & Dusi, H.** La pyrimidine et le thiazol, facteurs de croissance pour le flagellé *Polytomella caeca*. C. rend. Acad. sc., 1937, 205: 630-2.—**Mussio-Fournier, J. C., Laborde, J.** [et al.] Influencia de la orina de mujer embarazada sobre el crecimiento del Phalaris canariensis. Arch. urug. med., 1934, 5: 441-5.—**Navez, A. E., & Kropp, B.** The growth-promoting action of crustacean eye-stalk extract. Biol. Bull., 1934, 67: 250-8.—**Parhon, C. I., Parhon-Stefanescu, C., & Tomorug, E.** Recherches sur l'action de l'urine des acromégaliques sur la croissance de jeunes animaux. C. rend. Soc. biol., 1934, 117: 144.—**Randoin, L., Fontaine, M.** [et al.] Facteurs de croissance du rat contenus dans la peau et les écailles de certains poissons. Ibid., 1938, 129: 473-6.—**Rohdenburg, G. L., & Nagy, S. M.** Growth stimulating and inhibiting substances in human urine. Am. J. Cancer, 1937, 29: 66-77.—**Savignoni, F.** L'azione dell'urina e del siero di sangue di donna gravida sullo sviluppo del *Lupinus albus* e dell'*Ervum lens*. Ann. ostet. gin., 1932, 54: 539-51.—**Stokstad, E. L. R., & Manning, P. D. V.** Evidence of a new growth factor required by chicks. J. Biol. Chem., 1938, 125: 687-96.—**Takeguchi, F.** Ueber die wachstumsfördernde Wirkung von Hühner-Leucocytenextrakt auf in vitro-kultiviertes embryonales Hühnerherzgewebe. Fukuoka acta med., 1937, 30: 88.—**Wehefritz, E., & Gierhake, E.** Ueber die Ausscheidung und Isolierung endokriner Wuchsstoffe im Schwangerenurharn. Arch. Gyn., Berl., 1932, 149: 377-90. — Ueber das Vorkommen von Wachstumsstoffen im Schwangerenurharn. Klin. Wschr., 1932, 11: 1106-8.—**Weitzel, W.** Die Wachstumsfaktoren pflanzlicher und tierischer Gewebe in ihrer Bedeutung für die Ernährung des Menschen. Zschr. ärztl. Fortbild., 1936, 33: 457-60.

— Pathological aspect.

See also **Cancer, experimental: Carcinogenic agents; Growth, Disorder; Tumor, Pathogenesis.**

Ball, H. A., Samuels, L. T., & Simpson, W. The relation of the hypophysis to the growth of malignant tumors; the effect of hypophysectomy on transplanted mammary carcinoma in the white rat. Am. J. Cancer, 1932, 16: 351-9.—**Ballmann, E., & Hock, J.** Versuch einer anthropometrischen Analyse der Wachstumsstörungen bei hypophysären Erkrankungen. Zschr. ges. Anat., 2. Abt., 1925-26, 12: 540-53.—**Barker, L. F.** On the relations of the incerta of the adenohypophysis to the clinical disturbances of growth, of development, and of other physiological functions. N. York State J. M., 1934, 34: 751-5.—**Borst, M.** Ueber Wuchsstoffe und kanzerogene Substanzen. Acta Univ. internat. cancer, Brux., 1936, 1: 15-25. Also: Wein. klin. Wschr., 1937, 50: 1379-83.—**Drigalski, W. von, & Diethelm, L.** Regressive Skeletveränderungen bei hypophysärem Hochwuchs; zugleich ein Beitrag zur Differential-Diagnose der Pertheschen Krankheit. Klin. Wschr., 1937, 16: 628-32.—**Erdheim, J.** Die pathologisch-anatomischen Grundlagen der hypophysären Skeletveränderungen (Zwergwuchs, Typus-Fröhlich, Akromegalie, Riesenwuchs). Fortsch. Röntgenstrahl., 1935, 52: 234-45.—**Fawcett, D. W.** Absence of the epithelial hypophysis in a fetal dogfish associated with abnormalities of the head and of pigmentation. Biol. Bull., 1939, 77: 174-83.—**Kögl, F., Haagen-Smit, A. J., & Tönnis, B.** Ueber pflanzliche Wachstumsstoffe; über das Vorkommen von Auxinen und von Wachstumsstoffen der Bios-Gruppe in Carcinomen. Zschr. physiol. Chem., 1933, 220: 162-72.—**Prüsener, L.** Hypophysäre Wachstumshemmung mit Kachexie beim Kinde. Zschr. ges. Anat., 2. Abt., 1932, 17: 215-24.—**Roffo, A. H.** Existencia en la sangre y en la orina de cancerosos y embarazada de un principio activo de crecimiento esplénico. Prensa méd. argent., 1940, 27: pt 2, 2611-29.

— pituitary.

See also **Pituitary, Anterior lobe.**

Bochkarev, P. V., & Preobrajensky, A. P. Does the Zondek pituitary hormone influence the growth of the body? Endocrinology, 1930, 14: 164-8.—**Carlo-Felice, P.** Beitrag zur Kenntnis der Hypophysenwirkung auf die Entwicklung des Ohres und der oberen Luftwege. Zschr. Hals & H. H. H., 1936-37, 40: 681.—**Ciulla, U., & Agliandolo, M.** L'ipofisi, l'accrescimento e la pigmentazione nelle larve di anfibio anuri. Monit. ostet. gin., 1936, 8: 299-308.—**Collip, J. B.** Review of the early scientific aspects of pituitary hormones and the significant facts in regard to their influence on bone growth. Radiology, 1936, 26: 680.—**Doubowik, I. A.** L'hypophyse pharyngée et l'hormone de croissance. Bull. Acad. méd., Par., 1936, 3. ser., 116: 626-9.—**Downs, W. G.** The role of the anterior lobe of the pituitary gland in growth; with special reference to the teeth and maxillae. Arch. Path., Chic., 1931, 12: 37-48.—**Evans, H. M.** The growth hormone of the anterior pituitary. J. Am. M. Ass., 1935, 104: 1232-7. Also repr. — **Simpson, M. E., & Pencharz, R. I.** Relation between the growth promoting effects of the pituitary and the thyroid hormone. Endocrinology, 1939, 24: 175-82.—**Halpern, S. R.** Quantitative cytological studies of the anterior lobe of the hypophysis of fetuses and children, correlated with sexual and skeletal development. Ibid., 1938, 22: 173-80.—**Kapran, S.** [Effect of hypophysectomy on the growth and development of the constitution.] J. Physiol. USSR, 1936, 21: 715.—**Lee, M. O., & Schaffer, N. K.** Anterior pituitary growth hormone and the composition of growth. J. Nutr., 1934, 7: 337-63.—**Monakov, P.** Hypophysenvorderlappen und Wachstum. Schweiz. Arch. Neur. Psychiat., 1931, 27: 321-7.—**Moricard, R.** Effets mitotiques provoqués par l'action hormonale antéhypophysaire; la notion de mitosine. Rev. prat. biol., Par., 1937, 30: 65-70. — Unicité ou pluralité des mitosines hypophysaires. Ibid., 97-103.—**Pituitary gland is nature's sculptor, molding human face.** Science News Lett., 1935, 27: 308.—**Post, J. A.** Study of the hypophysis and its relation to somatic development. Hahne-man. Month., 1929, 64: 342-52, pl.—**Schaefer, R. L.** Relation of the anterior lobe of the hypophysis to growth and development. Am. J. Dis. Child., 1935, 49: 1382.—**Schäfer, W.** Ueber die Wirkung des Hypophysen-Vorderlappens auf Wachstum und Fettsatz. Arch. exp. Path., Berl., 1931, 160: 628-34.—**Schockaert, J.** Hormone préhypophysaire de croissance: phyone. Rev. méd., Louvain, 1931, 217-24.—**Shelton, E. K.** Pituitary growth factor; some clinical considerations. California West. M., 1936, 45: 20-5.—**Smith, P. E., & MacDowell, E. C.** The differential effect of hereditary mouse dwarfism on the anterior-pituitary hormones. Anat. Rec., 1931, 50: 85-93.—**Smith, P. E., & Dortschbach, C.** The first appearance in the anterior pituitary of the developing pig foetus of detectable amounts of the hormones stimulating ovarian maturity and general body growth. Ibid., 1929, 43: 277-94, pl.—**Stoll, R.** L'agénésie de l'hypophyse et de la thyroïde est sans influence sur le développement de l'embryon de poulet. C. rend. Soc. biol., 1939, 130: 926-8.—**Valis, J.** Der Hormongehalt der Hypophyse des Blauwales (*Balaenoptera sibbaldii*) Wachstumshormon. Klin. Wschr., 1935, 14: 1183.—**Van Dyke, H. B., & Wallen-Lawrence, Z.** On the growth-promoting hormone of the pituitary body. J. Pharm. Exp. Ther., 1930, 40: 413-22.—**Voitkevich, A. A.** Studies on the rôle of the hypophysis in growth and differentiation processes. Bull. biol. méd. exp. URSS, 1933, 6: 85-8.—**Weinstein, R. C.** Anterior pituitary growth factor and blood sugar. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 667.—**Wolf, E., & Stoll, R.** Le rôle de l'hypophyse dans le développement embryonnaire du poulet, d'après l'étude des cyclocephales expérimentaux. C. rend. Soc. biol., 1937, 126: 1215-7.

— pituitary: Chemistry, and preparation.

Bülbring, E. The estimation of the growth hormone of the anterior lobe of the pituitary body. Q. J. Pharm., Lond., 1938, 11: 26-33.—**Collip, J. B., Seyle, H., & Thomson, D. L.** Preparation of a purified and highly potent extract of growth hormone of anterior pituitary lobe. Proc. Soc. Exp. Biol., N. Y., 1933, 30: 544-6.—**Dingemans, E., & Freud, J.** Purified growth hormone from beef anterior pituitary; dialysable growth hormone. Acta brev. neerl., 1935, 5: 39; 109.—**Evans, H. M.** The hypophyseal growth hormone; its separation from the hormones stimulating the thyroid, gonads, adrenal cortex and mammary glands. Proc. Ass. Res. Nerv. Ment. Dis. (1936) 1938, 17: 175-92. — **Uyei, N.** [et al.] The purification of the anterior pituitary growth hormone by fractionation with ammonium sulfate. Endocrinology, 1938, 22: 483-92.—**Evans, H. M., Cornish, R. E., & Simpson, M. E.** Potent, sterile and low-protein extracts of the growth hormone from the anterior hypophysis. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 101. Also repr.—**Fraenkel-Conrat, H. L., Mamber, D. L.** [et al.] Further purification of the growth hormone of the anterior pituitary. Endocrinology, 1940, 27: 605-13.—**Holst, S., & Turner, C. W.** Lactogen content of the anterior pituitary of growing rabbits and guinea pigs. Proc. Soc. Exp. Biol., N. Y., 1939, 41: 198-200.—**Light, A. E., deBeer, E. J., & Cook, C. A.** Extracts of anterior pituitary growth hormone. Ibid., 1940, 44: 189-92.—**Mamber, D. L., Fraenkel-Conrat, H. L.** [et al.] The preparation of pituitary growth hormone free from lactogenic and thyrotropic hormones. Science, 1939, 89: 19.—**Robertson, T. B.** Growth controlling substance derived from the anterior lobe of the pituitary gland and process for

producing the same. U. S. Patent Off., 1917, No. 1,218,472.—**Simon, A., & Binder, L.** Hypophysen-Wachstumshormon (Untersuchungen mit dem von Dyke- und Wallen-Lawrence-Verfahren) Arch. exp. Path., Berl., 1932, 165: 120-7.—**Wyeth, G. A., & Uyei, N.** Growth-producing substance of the hypophysis; a method for preparation of active hormone solution from dried gland; further attempt to purify and crystallize the active principle. Med. Rec., N. Y., 1934, 140: 369-71.

pituitary: Effect.

Downs, W. G., jr. *An experimental study of the growth effects of the anterior lobe of the hypophysis on the teeth and other tissues and organs [Univ. Pennsylvania] p.601-54. 8° Phila., 1930.

Also J. Dent. Res., 1930, 10: 601-54.

KINDLER, K. F. *Die Wirkung von Hypophysenvorderlappen-Präparaten auf das Wachstum. 29p. 8° Gött., 1932.

THIEL, W. *Versuche über das Vorhandensein des Wachstumshormons in verschiedenen Hypophysen-Vorderlappen-Präparaten und über seine Wirkung auf das Längenwachstum der langen Röhrenknochen. 25p. 8° Marb., 1932.

Adams, A. E., DeForest, E. M., & Granger, B. Effects of administering mouse anterior pituitary to the newt and the frog. Proc. Soc. Exp. Biol., N. Y., 1939, 42: 354-9.—**Agnoli, R. T.** Studies on hypophysis hormones; influence of pituitary hormones on the germination of seeds of *Lupinus albus* L. J. Pharm. Exp. Ther., 1932, 44: 55-62.—**Allen, B. M.** The influence of different parts of the hypophysis upon size growth of *Rana tadpoles*. Physiol. Zool., 1928, 1: 153-71.

Rôle of hypophysis in the initiation of metamorphosis in *Bufo*. Proc. Soc. Exp. Biol., N. Y., 1931, 39: 74.—**Bertram, G. L.**

Aenderungen der Körperzusammensetzung hypophysektomierter Ratten nach Wachstumshormon. Acta brevia neerl., 1938, 8: 99.—**Biering, E., & Nielsen, E.** The composition of the

tissues of albino rats treated with alkaline anterior pituitary extracts. Biochem. J., Lond., 1932, 26: 1015-21.—**Cerletti, U.**

Effets des injections de suc d'hypophyse sur l'accroissement somatique. Arch. ital. biol., 1907, 47: 123-34.—**Clements, D. I., & Howes, N. H.** Anterior pituitary and growth in the axolotl, *Ambystoma tigrinum* Green, neotenic form; the effects of

injection of growth-promoting extracts of the anterior pituitary. J. Exp. Biol., Lond., 1938, 15: 541-54.—**Corey, E. L.**

Effect of prenatal and postnatal injections of the pituitary gland in the white rat. Proc. Soc. Exp. Biol., N. Y., 1927-28, 25: 498.—**Crooke, A. C., & Gilmour, J. R.** A description of the

effect of hypophysectomy on the growing rat, with the resulting histological changes in the adrenal and thyroid glands and the testes. J. Path. Bact., Lond., 1938, 47: 525-44, 3 pl.—**Dandy, W. E., & Leet Reichert, F.** Studies on experimental

hypophysectomy in dogs; somatic, mental and glandular effects. Bull. Johns Hopkins Hosp., 1938, 62: 122-55.—**Di Pascal, E. C.**

Action de l'extrait alcalin du lobe antérieur de l'hypophyse sur la croissance des plantes et leur germination. C. rend. Soc. biol., 1935, 119: 1127. Also Rev. Soc. argent. biol., 1935, 11: 57-67.—**Acción del extracto de lóbulo anterior de hipófisis sobre la germinación. Ibid., 68-74.—Downs, W. G., jr.**

The effect of pituitary administration on growing dogs. Ann. Int. M., 1927, 1: 412-9.—**Tadpoles fed pituitary extracts. J. Dent. Res., 1929-30, 10: 109-12.—Evans, H. M., Meyer, K. [et al.]** Disturbance of carbohydrate metabolism in normal dogs injected with the hypophyseal growth hormone. Proc. Soc. Exp. Biol., N. Y., 1932, 29: 857. Also repr.—**Evans, H. M., Penchaz, R. I., & Simpson, M. E.** On the

conditions necessary for the continuous growth of hypophysectomized animals. Endocrinology, 1935, 19: 509-14.—**Freud, J.**

Einige Erfahrungen an hypophysenlosen Ratten, im besonderen über das Wachstumshormon aus der Hypophyse. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 60.—**Dingemanse, E.**

The action of large doses of growth hormone in hypophysectomized rats. Acta brevia neerl., 1940, 10: 102-5, pl. Also Ned. tschr. geneesk., 1940, 84: 1764-6, pl.—**Fugo, N. W.**

Effects of hypophysectomy in the chick embryo. J. Exp. Zool., 1940, 85: 271-97, 3 pl.—**Gaillard, P. J.** Die Glandula hypophysis von Kaninchen in der Gewebezüchtung, ihre Strukturveränderungen und ihr Einfluss auf das Wachstum von mit diesen zusammengezüchteten Kulturen osteogenetischer Zellen. Protoplasma, Lpz., 1937, 28: 1-17.—**Gardner, R. E.**

The effect of fresh implants of the hypophysis, and of certain extracts from its anterior lobe on Walker's rat carcinoma No. 256. Am. J. Hyg., 1936, 23: 415-24.—**Gennari, A.** Azione dell'estratto preipofisario sulla sviluppo e la differenziazione della cute e dei peli. Gior. clin. med., 1934, 15: 1143-6.—**Ginsburg, V. G.** [Growth of bones in hypophysectomized pups] Med. biol. J., Leningr., 1927, 3: 63-8.—**Gregory, P. W., & Goss, H.**

The hypophyseal growth hormone and glutathione concentration; does the hormone influence the concentration concurrently with the stimulation of increase in weight? J. Exp. Zool., 1934, 69: 13-35.—**Handelsman, M. B., & Gordon, E. F.**

Growth and bone changes in rats injected with alkaline anterior pituitary extracts. Proc. Soc. Exp. Biol., N. Y., 1929-30, 27: 412. Also J. Pharm. Exp. Ther., 1930, 38: 349-62.—

Herrell, W. E. Growth and regeneration of tissue in frog tadpoles following the administration of an extract of the anterior pituitary gland. Anat. Rec., 1934, 59: 47-67.—**Howes, N. H.**

Anterior pituitary and growth in the axolotl, *Ambystoma tigrinum* Green, neotenic form; the effect of injection of growth-promoting extracts upon the utilization of food. J. Exp. Biol., Lond., 1938, 15: 447-52.—**Johnson, G. E., & Hill, R. T.**

The effect of anterior pituitary extract on the developing albino mouse. Endocrinology, 1930, 14: 400-10.—**Johnson, G. E., & Sayles, E. D.**

The effects of daily injections of bovine anterior pituitary extract upon the developing albino rat. Physiol. Zool., 1929, 2: 285-301.—**Kapran, S.** Influence exercée par l'hypophysectomie sur la croissance et le développement de l'organisme. Proc. Internat. Physiol. Congr. (1935) 1938, 15. Congr., 65.—**Kemp, T.**

Die Wirkung des Wachstumshormons der Hypophyse auf erblichen Zwergwuchs der Maus. Klin. Wschr., 1934, 13: 1854.—**Ueber erblichen Defekt des Hypophysenvorderlappens bei Mäusen besonders mit Hinblick auf die Wirkung des Wachstumshormones. Acta path. microb. scand., 1936, Suppl. 26, 10 [Discussion] 12.—Larson, E., Bergeim, O. [et al.]**

The influence of anterior pituitary extract on the sex glands and growth. Endocrinology, 1929, 13: 63-72.—**Lee, M. O.**

Relation of the anterior pituitary growth hormone to protein metabolism. Proc. Ass. Res. Nerv. Ment. Dis. (1936) 1938, 17: 193-221.—**Freeman, W.**

Liver growth in rats treated with anterior pituitary growth hormone. Endocrinology, 1940, 26: 493-8.—**Lee, M. O., & Cagnon, J.**

Effect of growth promoting extracts of the anterior pituitary on basal gaseous metabolism in rats. Proc. Soc. Exp. Biol., N. Y., 1930-31, 28: 16-8.—**Levie, L. H.** [Effect of the growth hormone on the skeleton] Ned. tschr. geneesk., 1939, 83: 1552-5.—**[Effect of the growth hormone on the skeleton of the tail of rats, deprived of the pituitary gland] Ibid., 1555-7.—Loeb, L., & Kirtz, M. M.**

The effects of transplants of anterior lobes of the hypophysis on the growth of the mammary gland and on the development of mammary gland carcinoma in various strains of mice. Am. J. Cancer, 1939, 36: 56-82.—**Lucke, H., & Hüchel, R.**

Experimentelle Untersuchungen zur Frage der Wachstumswirkung von Hypophysenvorderlappenextrakten. Arch. exp. Path., Berl., 1932-33, 169: 290-7.—**Lucke, H., & Kindler, K. F.**

Die Wirkung von Hypophysenvorderlappenpräparaten auf das Wachstum. Zschr. ges. exp. Med., 1933, 86: 130-7.—**Margitay-Becht, E., & Binder, L.**

Ueber die Wirkungsweise des Wachstumshormons der Hypophyse. Arch. exp. Path., Berl., 1934, 175: 353-8.—**Molchanov, O. P.** [Effect of pituitary gland extracts on the growth of animals] J. eksp. biol., 1925, 32-5.—**Mortimer, H.**

Pituitary and associated hormone factors in cranial growth and differentiation in the white rat: a roentgenological study. Radiology, 1937, 28: 5-39.—**The influence of the anterior pituitary on cranial form and structure; and the significance of cranial dysplasia in clinical diagnosis. Proc. Ass. Res. Nerv. Ment. Dis. (1936) 1938, 17: 222-38.—Nilson, H. W., Palmer, L. S., & Kennedy, C.**

Physiological effects of pituitary growth hormone: growth and efficiency of food utilization. Am. J. Physiol., 1935, 111: 341-51.—**Parkes, A. S., & Rowlands, I. W.**

Studies on the hypophysectomized ferret; growth and skeletal development. Proc. R. Soc., Lond., 1938, ser. B, 125: 214-21, 3 pl.—**Patterson, T. L.**

Growth and development of flesh flies as influenced by the feeding of hypophysis (pituitary gland) Arch. Entw. mech., 1928, 113: 267-86.—**Pighini, G.**

Esperienze di innesto di ipofisi anteriore sullo sviluppo dell'embrione di pollo. Biochim. ter. sper., 1937, 24: 187-90.—**L'azione della sostanza cerebrale e della ipofisi anteriore sulla metamorfosi dei girini. Riv. sper. freniat., 1938, 62: 222-31.—Platener, E. B., & Reed, C. I.**

A study of muscular efficiency in rats injected with anterior pituitary growth factor. Endocrinology, 1939, 25: 401-4.—**Pollock, H. M., & Levene, G.**

Hypophyseal influence on cranial structure with relational mental development. Proc. Am. Ass. Ment. Defic., 1938, 62. Session, 90-9.—**Porta, C. F.**

L'azione dell'ormone antepofisario sulla differenziazione e lo sviluppo dell'orecchio e delle prime vie aeree. Endocr. pat. cost., Bologna, 1934, 9: 84-108.—**Robinson, V. E.**

Hypophysectomy and its consequences in the pig. Bull. biol. méd. exp. URSS, 1937, 4: 23-5.—**Ross, E. S., & McLean, F. C.**

The influence of the growth promoting hormone of the anterior lobe of the pituitary upon growth activity in the long bones of the rat. Endocrinology, 1940, 27: 329-39.—**Rubinstein, H. S.**

The difference of response of the pituitary glands of male and female albino rats treated with the growth hormone. Anat. Rec., 1934-35, 61: 131-40.—**The effect of the growth hormone upon the tail length-body length ratio of the albino rat. Bull. School M. Univ. Maryland, 1934, 18: 131-4.—The influence of the anterior pituitary gland upon brain/body relations. Proc. Ass. Res. Nerv. Ment. Dis. (1936) 1938, 17: 505-35.—**& Kolodner, L. J.****

The effect of the growth hormone on body and tail lengths. Anat. Rec., 1934, 58: 107-10.—**Schaffer, N. K., & Lee, M.**

The effect of the anterior pituitary growth hormone on protein metabolism. J. Biol. Chem., 1935, 108: 355-71. Also repr.—**Schneersohn, S.**

[Effect of the pituitary gland on the metamorphosis in amphibians] Med. biol. J., Leningr., 1929, 5: 85-96.—**Schockaert, J.**

Action spécifique des extraits préhypophysaires de bœuf sur le poids du thymus du jeune canard. C. rend. Soc. biol., 1930, 105: 226.—**Schwartzbach, S., & Uhlenhuth, E.**

Anterior lobe substance, the thyroid stimulator; effect of feeding anterior lobe upon amphibian metamorphosis. Proc. Soc. Exp. Biol., N. Y., 1928-29, 26: 151.—**Seroni, C., & Cruto, A.**

Sur l'action des hormones préhypophysaires sur les plantes. Arch. ital. biol., 1933-34, 91: 93-5, 2 pl.—**Silberberg, M.**

Effects

of extract of cattle anterior pituitary gland on endochondral ossification in young guinea pigs. *Proc. Soc. Exp. Biol.*, N. Y., 1934-35, 32: 1423-5. — **Silberberg, R.** Effects of anterior pituitary implants and extracts on epiphyses and joints of immature female guinea pigs. *Arch. Path.*, Chic., 1938, 26: 1208-25. — Effects of prolonged injections of bovine anterior pituitary extract on bone and cartilage of guinea pigs. *Ibid.*, 1940, 29: 355-67. — Growth processes in cartilage and bone subsequent to gonadectomy and administration of anterior pituitary extract of cattle in immature male and female guinea pigs. *Am. J. Path.*, 1939, 15: 55-71, 4 pl. — A comparison of the effects of anterior pituitary hormone on skeletal tissues of young and mature guinea pigs. *Ibid.*, 1940, 29: 355-67. — **Sittenfeld, M. J.** The influence of the anterior lobe of the pituitary on the growth of sarcoma and carcinoma. *Proc. Ass. Res. Nerv. Ment. Dis.* (1936) 1938, 17: 466-70. — **Smith, P. E.** Increased skeletal effects in A. P. growth-hormone injections by administration of thyroid in hypophysectomized, thyro-parathyroidectomized rats. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 1252-4. — **Smolders, F. M. M.** [Promotion of growth caused by the anterior pituitary lobe in vitro] *Ned. tschr. geneesk.*, 1937, 81: 1627. — **Sontag, L. W., & Munson, P. L.** The effect on the weight of the offspring of administration of antuitrin G to the pregnant rat. *Am. J. Physiol.*, 1934, 108: 593-8. — **Spinelli, A., & Talia, F.** Ipoifisi e callo osseo. *Arch. radiol.*, Nap., 1930, 6: 748-62. — **Stefanescu, M.** Les modifications des cartilages de conjugaison à la suite des injections d'extrait de lobe postérieur d'hypophyse chez le cobaye en voie de croissance. *C. rend. Soc. biol.*, 1926, 95: 783. — **Stoss, A. O., & Reinsfeld, R.** Untersuchungen an einem mit Hypophysenvorderlappenhormon behandelten Zwerghalb. *Endokrinologie*, 1933-34, 13: 324-38. — **Targow, A. M.** Effect of growth-promoting extracts of bovine anterior hypophysis on hypophyses of castrated albino rats. *Proc. Soc. Exp. Biol.*, N. Y., 1933, 30: 1126. — The effect of a growth-promoting extract of the anterior pituitary on the early growth of the albino rat. *J. Exp. M.*, 1934, 59: 699-710. Also repr. — **Teel, H. M., & Cushing, H.** Studies in the physiological properties of the growth-promoting extracts of the anterior hypophysis. *Endocrinology*, 1930, 14: 157-63. — **Teel, H. M., & Watkins, O.** The effect of extracts containing the growth principle of the anterior hypophysis upon the blood chemistry of dogs. *Am. J. Physiol.*, 1929, 89: 662-85. — **Thompson, J. H.** Effects of feeding silkworms on extract of the anterior lobe of the pituitary gland. *Arch. Entwmech.*, 1928-29, 114: 578-82. — **Thompson, K. W.** The augmentary factor in animal sera after injections of pituitary extract. *Proc. Soc. Exp. Biol.*, N. Y., 1936-37, 35: 640-4. — **Tsuberbiller, A. V.** [Influence of pituitary extract on the development of young animals] *Med. obozr.*, Moskva, 1912, 78: 651-66. — **Tuchmann, H.** Action de l'hypophyse sur la morphogenèse et la différenciation sexuelle de *Girardinus guppii*. *C. rend. Soc. biol.*, 1936, 122: 162-4. — **Uhlenhuth, E., & Schwartzbach, S.** Anterior lobe substance, the thyroid stimulator; induces precocious metamorphosis. *Proc. Soc. Exp. Biol.*, N. Y., 1928-29, 26: 149-51. — **Van Wagenen, G.** The weight and dimensional effects of anterior hypophyseal extract on the gonadectomized male rat. *Anat. Rec.*, 1926-27, 35: 51. — Growth response to anterior hypophyseal extract by the castrated male rat. *Am. J. Physiol.*, 1928, 84: 468-71. — **Voitkevich, A. A.** [Effect of the substance of various zones of the frontal lobe of the pituitary on the development of chickens] *J. physiol. USSR*, 1939, 26: 640-9. — **Watts, R. M.** The effects of administration of preparations of growth hormone of the anterior lobe of the pituitary upon gestation and the weight of the newborn (albino rats) *Am. J. Obst.*, 1935, 30: 174-85. Also *J. Biol. Chem.*, 1935, 109: p. xcv. — **Westman, A., & Jacobsohn, D.** Endokrinologische Untersuchungen an Ratten mit durchtrenntem Hypophysenstiel; Verhalten des Wachstums, der Nebennieren und der Schilddrüsen. *Acta path. microb. scand.*, 1938, 15: 435-44. — **Wulzen, R.** The pituitary gland; its effect on growth and fission of planarian worms. *J. Biol. Chem.*, 1916, 25: 625-33.

Therapeutic use.

Cerviño, J. M., & Pérez del Castillo, C. La hormona del crecimiento en el tratamiento de los hipopituitarismos infantiles con retrasos graves de la talla. *Ann. Fac. med.*, Montev., 1940, 25: 536-52; núm. especial, 78-94. — **Dorff, G. B.** Chorionic gonadotropic effects on height and osseous development in sexually underdeveloped young boys. *Endocrinology*, 1940, 27: 403-10. — **Dubowik, J. A.** Versuch einer hormonalen Beschleunigung des Wachstums junger Tiere (vorläufige Mitteilung) *Endokrinologie*, 1932, 11: 15-22. — **Kemény, E.** [Clinical application of fresh growth hormone] *Orv. hetil.*, 1938, 82: 156. — **Reith, F.** Gibt es eine Beeinflussung des menschlichen Wachstums? *Zschr. ärztl. Fortbild.*, 1938, 35: 619-21. — **Rubinstein, H. S.** The clinical application of the growth hormone with report of a case. *Bull. Soc. M. Univ. Maryland*, 1934, 18: 122-30. — **Schaefer, R. L.** The pituitary growth hormone results of 1 year's clinical application. *Tr. Am. Ther. Soc.*, 1934, 33: 64-9. — **Schulze, E.** Hypophysenvorderlappenhormon zur Aufzucht Frühgeborener. *Münch. med. Wochr.*, 1930, 77: 1100. — **Turner, H. H.** The growth hormone: a preliminary clinical study with reports of cases treated. *Tr. Am. Ther. Soc.*, 1934, 34: 193-8. — **Webster, B., & Hoskins, W.** Influence of androgen therapy on growth rate of hypogonadal adolescent boys. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 45: 72-5.

Types.

See also names of growth-promoting substances as **Glutathion, &c.**

Arthus, M. La thérone. *Arch. internat. physiol.*, Liège, 1936, 43: 131-82. — **Bauernfeind, J. C., Schumacher, A. E.** [et al.] A new factor required for growth and reproduction in the domestic fowl. *Proc. Soc. Exp. Biol.*, N. Y., 1938-39, 39: 108-11. — **Borst, M.** Organische Wuchsstoffe. *Rep. Internat. Congr. Sc. Campaign Cancer*, 1936, 2. Congr., 24-42. — **Cramér, W.** Substances promoting cell growth. *Brit. M. J.*, 1936, 2: 997. — **Dabrowska, W.** Sur la composition chimique de la sécrétion lactée du jabot du pigeon par rapport au taux d'accroissement des pigeonneaux. *C. rend. Soc. biol.*, 1932, 110: 1091. — **Evans, H. M., Emerson, G. A., & Emerson, O. H.** Growth-stimulating action of alpha tocopherol. *Proc. Soc. Exp. Biol.*, N. Y., 1938, 38: 197. — **Fardon, J. C., & Sullivan, W. A.** The effect of a steam distillate of yeast on the growth of embryonic tissue in vitro. *Stud. Inst. Divi Thomae, Cincin.*, 1938-39, 2: 51-61, pl. — **Grace, N. H.** Note on sulphanimide and other chemicals that act as plant growth promoting substances. *Canad. J. Res.*, 1938, 16: sect. C, 143. — **Hausen, S. von.** Die Rolle des Vitamins C beim Wachstum der höheren Pflanzen. *Biochem. Zschr.*, 1936, 288: 378-92. — **Jackson, R. W., & Block, R. J.** The metabolism of cystine and methionine; the availability of D- and L-methionine and their formyl derivatives in the promotion of growth. *J. Biol. Chem.*, 1937-38, 122: 425-32. — **Jukes, T. H., & Babcock, S. H., jr.** Experiments with a factor promoting growth and preventing paralysis in chicks on a simplified diet. *Ibid.*, 1938, 125: 169-81. — **Lwoff, A.** Haematin and pyridine-nucleotide-phosphates considered as growth factors. *Proc. R. Soc. Lond.*, 1937, ser. B, 124: 5-8. — **McGowan, J. P.** Substances promoting cell growth. *Brit. M. J.*, 1936, 2: 1334. — **Needham, J.** Substances promoting cell growth. *Ibid.*, 892. — **Nelson, M. M., Emerson, G. A., & Evans, H. M.** Growth-stimulating activity of alpha tocopherol. *Proc. Soc. Exp. Biol.*, N. Y., 1940, 45: 157. — **Nielsen, N., & Hartelius, V.** Untersuchungen über die Wirkung einiger Metalle als Co-Wuchsstoffe. *Biochem. Zschr.*, 1933, 259: 340-50. — **Womack, M., Kemmerer, K. S., & Rose, W. C.** The relation of cystine and methionine to growth. *J. Biol. Chem.*, 1937, 121: 403-10.

GROZIEUX de Laguérénne, Augustin Marie François Jean, 1905—*Guy-Crescent Fagon,

archiâtre de Louis XIV, surintendant du Jardin Royal des Plantes (1638-1718) 144p. portr. 8°. Par., L. Arnette, 1930.

GRSCHEBIN, Jakob, 1906—*Ueber die chirurgische Behandlung der Angina pectoris [Berlin] 45p. 8°. Danzig, A. W. Kafemann, 1932.

GRSCHEBIN, Rafael, 1909—*Vegetative, endokrine und psychische Störungen bei der Polycythämie [Berlin] 32p. 8°. Charlottenb., Gebr. Hoffmann, 1934.

GRUB, Hans [Reinhard Fritz Egon] 1910—*Entwicklungsstörungen der Wirbelsäule. 40p. 23cm. Lpz., A. Edelmann, 1936.

GRUBB, Thomas C[hristman] 1907—The common cold. 8p. 12°. Chic. [1936] Forms No. 9, Illinois Educ. Health Circ.

GRUBBS, [Samuel] B[at]es] 1871—, & **HOLSENDORF, B. E.** The rat proofing of vessels. 3. ed. 84p. 8°. Wash., 1931. Forms No. 93 Pub. Health Rep. Suppl.

GRUBE, Alfred, 1904—*Untersuchungen über Streptozon [Königsberg] 31p. 8°. Saalfeld Ostpr., Günther, 1935.

GRUBE, Botho, 1902—*Ueber Kaltkaustik in der Hals-, Nasen- und Ohrenheilkunde; ihre Indikationen und Erfolge. 21p. 8°. Königsb. Pr., J. Raabe, 1927.

GRUBE, Eitel, 1907—*Beitrag zur Statistik bösartiger Geschwülste der oberen Luft- und Speisewege. 47p. 8°. Münch. [n. pub.] 1934.

GRUBE, Erich, 1911—*Ueber das Sigmakarzinom und seine Differentialdiagnose gegenüber gynäkologischen Erkrankungen. 22p. 23½cm. Berl., F. Linke, 1938.

GRUBE, Irmgard, 1904—*Die in der Zeit vom 1. September 1922 bis 30. Juni 1929 an der Kieler Universitäts-Frauenklinik zur

Operation gekommenen echten Ovarialtumoren [Kiel] 79p. 8°. Seifhennersdorf, M. Grossmann, 1930.

GRUBE, Wilhelm Fedorowith, 1827–97.

Fabrikant, M. [Biography] Vrach. delo, 1927, 10: 1529–32.

GRUBENBECHER, Kurt, 1904– *Ex-

perimentelle Untersuchung über die Lokalisation der Vibrationsempfindung in der Mundhöhle. 42p. 8°. Bonn, H. Trapp, 1930.

GRUBER, Alois [born 1824]

TRUXA, H. M. Vier Decennien Arzt, Menschfreund, Schriftsteller und Patriot; Gedenkblätter zum 40jährigen Doctor-Jubiläum des Med. Dr. Alois Gruber. 2. Aufl. 59p. 4°. Wien, 1892.

GRUBER, Anneliese, 1897– *Zur Frage der operativen Behandlung der doppelseitigen Posticuslähmung. 19p. 8°. Königsb. Pr., J. Raabe, 1929.

GRUBER, Fritz [Wilhelm] 1911– *Kamtanestische Erhebungen über Gonorrhoe aus dem Chemnitzer Stadt Krankenhaus [Leipzig] 38p. 23½cm. Zeulenroda, A. Oberreuter, 1937.

GRUBER, Georg B[enno] 1884– Ueber die Meningokokken und die Meningokokkenerkrankungen (Zerebrospinalmeningitis Weichselbaum, übertragbare Genickstarre) 58p. 8°. Berl., A. Hirschwald, 1918.

— Ueber Zweiköpfigkeit bei Menschen (Dicephalus, Diprosopus und Ileothoracopagus) 2p.l. 88p. 18 pl. 8°. Berl., Weidmannsche Buchh., 1931.

— Einführung in Geist und Studium der Medizin; zwölf Vorlesungen. 271p. illust. 8°. Lpz., G. Thieme, 1934.

— Von ärztlicher Ethik; eine Vorlesung. 59p. 12°. Stuttg., Marquand & cie, 1937.

Also editor of *Schwalbe, Ernst. Die Morphologie der Missbildungen des Menschen und der Tiere. Lfg. 1–16. 3v. 24cm. Jena, 1906–31.*

See also *Fischer, W., Gerlach, W. [et al.] Verdauungsdrüsen [u. s. w.] 2v. 950p.; 1086p. 8°. Berl., 1929–30.*

GRUBER, Georg Friedrich, 1887– Die Welt der kleinsten Lebewesen; die Bedeutung der Bakterien im Haushalt der Natur. 130p. 16°. Berl., Ullstein [1927]

GRUBER, Hans, 1909– *Ein Beitrag zum Gallensteinileus [Geissen] 20p. 8°. Gelnhausen, F. W. Kalbfleisch, 1937.

GRUBER, Hermann Erich, 1913– *Bewertung der Entstellung durch traumatische Schädigung im Mund und Kiefergebiet. 21p. 8°. [Heidelb., Hähle] 1936.

GRUBER, Joseph, 1897– *Contribution à l'étude des lipoides. 35p. 8°. Par., M. Vigné, 1927.

GRUBER, Karl, 1901– *Ein Beitrag zur Diagnose der malignen Hypernephrome (Gravitz'schen Tumoren) 54p. 8°. Münch., G. Lehner, 1928.

GRUBER, Ludwig, 1902– *Die Beckenendlagen der geburtshilflichen Abteilung der Klinik vom 1. I. 1926 bis 3. XII. 1930. 26p. 8°. Münch., L. Mössl, 1932.

GRUBER, Ludwig, 1905– *Häufigkeit und blutige Behandlung des Pes adductus [München] 16p. 8°. Würzb., P. Halbig [1932]

GRUBER, Maria, 1912– *Masernsterblichkeit mit besonderer Berücksichtigung der Masernpneumonie [München] 19p. 21cm. Schramberg, Gatzert & Hahn, 1937.

GRUBER, Max von, 1853–1927. Hygiene des Geschlechtslebens; neubearb. von Dr. Wilhelm Heyn. 147p. incl. diagr. 19cm. Berl., Roth & Co. [1930]

— The same. Hygiene of sex; authorized English transl. xii, 174p. 12°. Balt., Williams & Wilkins Co., 1926.

For biography see *Alkoholfrage, 1927, 23: 281 (R. Wlassak)* Also *Arch. Hyg., Münch., 1927, 98: II. 4–5 (K. B. Lehmann)* Also *Arch. Rassenb., 1927–28, 20: H. 1, portr. (A. Ploetz)* Also *Dent. med. Wschr., 1927, 53: 1869 (K. Süpffe)* Also *Wien. klin. Wschr., 1927, 40: 1301–6 (Grassberger)* Also *Wien. med. Wschr., 1927, 77: 1330 (E. Glaser)* Also *Zschr. Immunforsch., 1927–28, 54: p. i–x (P. Uhlenhuth)* Also *Zschr. Schulgesundh., 1927, 40: 497–500 (T. Fürst)*

For portrait, photograph see collection in library.

GRUBER, Peter, 1904– *Ein Fall von Sarkoma myocellulare uteri mit Kapseldurchbruch [München] 34p. 8°. Würzb., R. Mayr, 1933.

GRUBER-WIDAL reaction.

See *Bacteria, Agglutination; Infectious diseases, Diagnosis*; also proper names of infections and pathogenic bacteria as *Cholera; Typhoid bacillus; Typhoid fever, &c.*

GRUBMILLER, Franziska, 1904–

*Chemische Wirkungen der Röntgenstrahlen und Radiumstrahlen mit besonderer Berücksichtigung der kolloidchemischen Vorgänge in der Zelle. 24p. 8°. Münch., Salesian Offizin, 1930.

GRUBRICH, Werner [Richard] 1907–

*Veränderungen an orthodontisch bewegten Zähnen. 19p. 8°. [Tüb., n. pub., 1931]

GRUBY, David, 1810–98.

Bartók, I. [Life and work of David Gruby] Gyógyászat, 1932, 72: 483; 501.—Beeson, B. B. [Biography] Arch. Derm. Syph., 1931, 23: 141 f.—Magyar-Kossa, G. [Data to a biography of David Gruby] Gyógyászat, 1937, 77: 555; 571: 587.—Rille, J. H. [Biography] Derm. Wschr., 1926, 82: 512–26.—Rosenthal, T. [Biography] Ann. M. Hist., 1932, n. ser., 4: 339–46.

GRUBYELLA.

See also *Achorion; Favotrichophyton; Microsporum; Trichophytoneae; Zymonema.*

Baudet, E. A. R. F. Sur une teigne trichophytique du dromadaire produite par une espèce nouvelle de Grubyella, G. langeroni n. sp. Ann. parasit., Par., 1930, 8: 411–S, 2 pl.—Ciferri, R. Sur un Grubyella parasite de simuliids, Grubyella ochoterenai n. sp. Ibid., 1929, 7: 511–23.—Ota, M. Sur une teigne trichophytique d'un bovidé du Cameroun produite par une espèce nouvelle de Grubyella, G. camerounensis N. Sp. Ibid., 1926, 4: 14–21.

GRUBY'S disease.

See *Microsporia.*

GRUCHET, Wilson, 1906– *L'association sous nitrate de bismuth-magnésie en thérapeutique digestive. 71p. 8°. Par., Jouve & cie, 1936.

GRUEB, Friedrich, 1912– *Beiträge zur akuten Mucosus-Otitis [Frankfurt] 43p. 8°. Lengerich Handelsdr., 8°. 1937.

GRUEBEL, Erich [Oskar Philipp] 1902–

*Beitrag zur Frage der Regulierung der Insulinproduktion durch Traubenzucker (Versuche mit überlebendem Rattenpankreas) 20p. 8°. Lpz., Schwarzenberg & Schumann, 1930.

GRUEBEL, Walter, 1910– *Die praktische Bedeutung der Untersuchungen auf occultes Blut im Stuhl. 32p. 8°. Lpz., C. E. Binkenstein, 1935.

GRUEBER, Edith, 1907– *Ueber die Aenderung der chemischen Blutzusammensetzung nach Oelfrühstück. 14p. 3 tab. 8°. Bonn, P. Kubens, 1932.

GRUEBER, Rolf, 1908– *Ueber die Wirkung von Hypophysenvorderlappenhormon auf die männlichen Geschlechtsdrüsen. 34p. 8°. Marb., H. Bauer, 1935.

GRUELING, Philip Gerhard, 1593–1667.

Ruhrh., J. [Biography] Am. J. Dis. Child., 1929, 37: 611–3.

GRUEMER, Heinz, 1900– *Ueber die Voraussetzungen zur Ehescheidung bei Geisteskrankheiten nach §1569 des B. G. B. 16p. 8°. Giessen [n. pub.] 1929.

GRUEN, Adolf, 1877– Analyse der Fette und Wachse, sowie der Erzeugnisse der Fettindustrie. 2v. xii, 575p.; xv, 806p. 8°. Berl., J. Springer, 1925–29.

GRUEN, Willy, 1911– *Die Paracolibakterien und ihre chemischen Leistungen. 18p. 8°. Freib. i. B., H. Fürderer, 1935.

GRUENBAUM, Abraham Anton, 1885–1932.

Bouman, L. Nekrolog. Nervenarzt, 1933, 6: 23.

GRUENBAUM, Ernst Hermann, 1893– *Angeborene Naevi pigmentosi. 21p. 8°. [Berl., n. pub.] 1927.

GRUENBAUM, Franz, 1889– Die soziale Bedeutung und Beurteilung der Kreislauferkrankungen. 128p. illust. 8°. Lpz., G. Thieme, 1933.

Forms Heft 21, Arb. und Gesundheit (Martineck)

GRUENBAUM, Franz, 1903– *Experimenteller Versuch eine kongenitale Syphilis beim Kaninchen zu erzeugen. 14p. 8°. Berl. [n. pub.] 1932.

GRUENBAUM, Stefan, 1905– *Das Trauma in der Aetiologie des Parkinsonsyndroms [Erlangen] 34p. 8°. Neustadt-Aisch, C. W. Schmidt, 1933.

GRUENBECK, Friedrich, 1909– *Vergleichende Untersuchungen von Silikatzementflüssigkeiten mit einigen bekannten Desinfektionsmitteln auf ihre Giftigkeit an Hand biologischer Versuche mit dem Infusorium paramacium caudatum [Erlangen] 23p. 8°. Bamberg, S. Otto, 1934.

GRUENBERG, Benjamin C[harles] 1875–
EXNER, Max J., & RICHMOND, Winifred. Sex education. 11p. 8°. N. Y., Am. Social Hyg. Ass., 1930.

GRUENBERG, Dora, 1908– *Eine Untersuchung über die Lungenerkrankungen im Holzgewerbe [Freiburg] 21p. 21cm. Schramberg, Gatzert & Hahn, 1937.

GRUENBERG, Gertrud, 1905– *Untersuchungen über die Beeinflussung der Wehen unter die Geburt mit Hilfe der externen Wehenmessung [Freiburg] 19p. 8°. Brnschw., F. Vieweg & Sohn, 1931.

GRUENBERG, Helmut, 1909– *Quantitative Bestimmung des Plasmals. 16p. 8°. Giessen, O. Kindt, 1936.

GRUENBERG, Jean, 1910– *Hygiène de l'industrie de la paraffine. 39p. 8°. Par., L. Rodstein, 1935.

GRUENBERG, Karl, 1875–1932.

See Körner, Otto. Lehrbuch der Ohren-, Nasen- und Kehlkopf-Krankheiten. 12. Aufl. 333p. 8°. Münch., 1930.

For biography see Arch. Ohr. &c. Heilk., 1933, 134: 1–3 (M. Thielmann) Also Zschr. Hals. &c. Heilk., 1932–33, 32: 397–9 (O. Körner)

GRUENBERG, Ladislav, 1907– *Contribution à l'étude du bactériophage antityphique. 38p. 8°. Par., Jouve & cie, 1932.

GRUENBERG, Michel, 1902– *Untersuchungen mittels der McClure-Aldrich'schen Quaddelprobe bei einigen Dermatosen [Erlangen] 16p. 8°. Kallmünz, M. Lasseleben, 1932.

GRUENBERG, Wilhelm, 1902– *Beitrag zur Lehre von der Dystrophia musculorum progressiva [Breslau] 45p. 8°. Born, R. Noske, 1927.

GRUENBERGER, Géza. *Die Pyelographie und ihre differentialdiagnostische Bedeutung bei den kindlichen Pyurien. 25p. 22½cm. Stetten, K. Schahl, 1938.

GRUENDLER, Hans, 1912– *Erkennungsmöglichkeiten von Frühstadium des Carcinom an der Mamma. 25p. 8°. Würzb., R. Mayr, 1935.

GRUENE, Fritz [Friedrich Maria Karl] 1899– *Der Einfluss einer einmaligen sowie wiederholten schweren körperlichen Arbeit auf das qualitative Blutbild. 62p. 8°. Marb. [n. pub.] 1926.

GRUENE, Maria, 1906– *Ueber die Fortschritte in der Diagnostik und der Behandlung der akuten Pankreaserkrankungen [Giessen] 41p. tab. 8°. Bigge-Ruhr, Josef, 1933.

GRUENEBERG, Hans, 1907– *Ueber die zeitliche Begrenzung genetischer Röntgenwirkungen bei Drosophila melanogaster. p.219–25. 8°. Bonn, Haag-Drugulin, 1932.

Also Biol. Zbl., 1931, 51:

— Elementary genetics for students of biology and medicine. 2, 87p. tab. diagr. 12°. Edinb., E. & S. Livingstone [1937?]

GRUENEBERG, Richard, 1906– *Histologische und bakterioskopische Untersuchungen über die Mitbeteiligung der grossen Mundspeicheldrüsen an septischen und pyämischen Allgemeinerkrankungen des Menschen. 36p. 8°. Erlangen, Reinhold & Limmert, 1931.

GRUENEBERG, Rudolf. *Zur Frage der gestörten Raumauffassung. 31p. 8°. Stetten, K. Schahl, 1936.

GRUENEBERG, Theodor. *Mikroanalytische Untersuchungen über den Schwefelgehalt normaler und krankhaft veränderter Haut unter besonderer Berücksichtigung der Psoriasis [Habilitationsschrift] p.183–214. 8°. Halle [n. pub., 1933]

Also Arch. Derm., 1933, 168:

GRUENEBERG, Theodor [Waldemar Paul] 1901– *Ueber die Eignung hochprozentig jodierter Oele (40% Jodipin) zur therapeutischen und diagnostischen Verwendung [Halle] 18p. 8°. Darmst., G. Otto, 1925.

GRUENEBERG-CAPELL, Elsbeth, 1911– *Systeme und Methoden der Orthodontie; Amerika, der europäische Kontinent und England. 55p. 8°. Bonn, P. Kautz, 1934.

GRUENENTHAL, Johannes, 1897– *Bakteriophagen in Tierkot und Tierorganen, Hoch- und Umzüchtung von Bakteriophagen [Leipzig] 19p. 8°. Oschatz, C. Morgner, 1929.

GRUENER, Hippolyte, & LANKELMA, Herman P. Organic chemistry. iii, 208, [12] l. roy. 8°. Clevel., O., 1935.

GRUENER, Jennette Rowe, 1901–

See Queen, S. A., & Gruener, J. R. Social pathology. Rev. ed. 662p. 22½cm. N. Y., 1940.

GRUENER, Joh. Das Recht der Zahnärzte und Dentisten. [v. p.] 8°. Berl., Grüner Verlag [1936]

Loose-leaf.

GRUENER, Sophie, 1902– *Die Beziehungen zwischen Lungentuberkulose und den Erkrankungen der Thyreoiden [Jena] p.319–26. roy. 8°. Lpz., J. A. Barth, 1929.

Also Zschr. Tuberk., 1929, 53:

GRUENER, Werner, 1911– *Zur Silikat Zementfrage [Leipzig] 31p. 23cm. Plauen i. V., A. Orbel, 1936.

GRUENEWALD, Heinz, 1907– *Statistische Feststellung von Mischehen innerhalb der Gemeindebeamten und staatlichen Beamten, den Ärzten und Zahnärzten im Kreise Trier [München] 16p. 21cm. Speyer, Pilger, 1936.

- GRUENEWALD, Max**, 1892— *Ueber septische Endometritis bei alten Frauen besonders nach Bestrahlung [Frankfurt a. M.] 20p. 8°. Saarbrücken, C. H. Sehur, 1917.
- GRUENEWALD, Willi**, 1914— *Beitrag zur Kenntnis des multi-foculären Leberkystoms [Frankfurt] 27p. 21cm. Lengerich, Handelsdr., [1937]
- GRUENHAGE, Walter**, 1908— *Untersuchung über Salz- und Wasserresorption im Colon [Leipzig] 20p. 8°. Zeulenroda, A. Oberreuter, 1932.
- GRUENHAGEN, Horst**, 1910— *Experimentelle Untersuchungen über das lokale Blutbild. 21p. 4 eh. 8°. Königsb., J. Raabe, 1935.
- GRUENHOFER, Hans**, 1900— *Ueber besonders komplizierte Fälle von Haematocele retrouterina. 43p. 8°. Münch. [n. pub.] 1930.
- GRUENIG, Erhart**, 1912— *Schädigungen bei der chemotherapeutischen Behandlung der Gonorrhoe mit Disseptal. 16p. 23½cm. Berl., L. Sehumacher, 1938.
Also Med. Klin., 1938, 34:
- GRUENIG, Hildegard**, 1912— *Vergleichende Temperaturmessungen; chirurgische und innere Abteilung des Krankenhauses Bethesda, Breslau [Breslau] 35p. 8°. Würzb., R. Mayr, 1938.
- GRUENING, Ernest [Henry]** 1887— Mexico and its heritage. xix, 728p. 8°. N. Y., Century Co. [1928]
- GRUENKE, Johannes**, 1905— *Ueber mehrfache tuberkulöse Herde in verschiedenen Wirbelsäulenabschnitten. 18p. 8°. Königsb. i. Pr., J. Raabe, 1931.
- GRUENKORN, Ernst Ludwig**, 1898— *Der geographische und soziale Faktor und seine Bedeutung für das enge Becken. 36p. 8°. Gött., W. F. Kaestner, 1924.
- GRUENPECK, Joseph**, 1470—? Gruenpeck, J. Libellus de mentulagra alias morbo gallico (1503) translated by E. L. Zimmermann. Am. J. Syph., 1940, 24: 364-85.
- GRUENSTEIN, Isaak**, 1898— *Beitrag zur Pathogenese der Osteomyelitis des Oberkiefers im Säuglingsalter. iv, 27p. 8°. Königsb. i. Pr., J. Raabe, 1926.
- GRUENTHAL, Ernst**. *Klinisch-anatomisch vergleichende Untersuchungen über den Greisenblödsinn [Würzburg] p.763-818. tab. 8°. Berl., J. Springer, 1927.
Also Zschr. ges. Neur. Psychiat., 1927, 111:
— Ueber die Erkennung der traumatischen Hirnverletzung. 116p. roy. 8°. Berl., S. Karger, 1936.
Forms Heft 76, Abh. Neur. Psychiat.
- **HILLER, F.** [et al.] Traumatische präsenile und senile Erkrankungen, Zirkulationsstörungen. vii, 548p. illust. 8°. Berl., J. Springer, 1936.
Forms 11. Bd Handb. Neur. (Bumke & Foerster) Berl.
- GRUENTHAL, Julia**, 1907— *Was über den Einfluss der Ernährung auf die Entwicklung und Struktur der Zähne bekannt ist [Berlin] 21p. 8°. Jena, G. Neuenhahn, 1933.
- GRUENTHAL, Werner**, 1908— *Der Einfluss der Ozaena-Operation nach Hinsberg auf das Zahnsystem. 30p. 8°. Bresl., Genossenseh.-Buchdr., 1932.
- GRUEWALD, Bernhard**, 1904— *Die Beeinflussung der Isoagglutininmengen durch Schwangerschaft, durch Entzündung und durch Röntgenbestrahlung [Zürich] 24p. 8°. Nördlingen, C. H. Beek, 1930.
Also Zschr. Rassenphysiol., 1930-31, 3: 71-93.
- GRUENWALD, Charles**, 1906— *Ein Beitrag zur sarkomatösen Entartung der Uterusmyome. 24p. 8°. Berl., R. Pfau, 1934.
- GRUENWOLDT, Walter**, 1907— *Versuche zur Therapie des präputialen Fluor beim Hunde. 46p. 8°. Lpz., A. Edelmann, 1932.
- GRUESS [Johannes]** Methoden zur Erkennung der Cytase. p.165-248. 8°. Berl., 1936.
In Handb. biol. Arbeitsmeth. (Abderhalden) Berl., 1936, 4: pt 1, 165-248.
- GRUET, Michel**, 1912— *A propos de l'endémie palustre dans les troupes indigènes du Sud Tunisien. 32p. 24cm. Par., A. Legrand, 1940.
- GRUETER, Hans**, 1910— *Desinfektionsversuche mit einem neuen Quecksilberpräparat Cialit [Münster] 21p. 8°. Bottrop, W. Postberg, 1933.
- GRUETER, Max**, 1886— *Ueber die Zerstörung von Morphin und Morphinderivaten bei der Entwicklung von Hühnerembryonen [Zürich] 29p. 22cm. Lpz., Breitkopf & Härtel, 1915.
Also Arch. exp. Path., Berl., 1915-16, 79: 337-60.
- GRUETTERS, Hans**, 1906— *Das Verschlucken und Einatmen von Fremdkörpern in der zahnärztlichen Praxis [Münster] 24p. 8°. Wanne, J. Schomers, 1933.
- GRUETTNER, Hansgeorg**, 1901— *Operationen in der Schwangerschaft. 20p. 8°. Bresl., A. Schreiber, 1929.
- GRUETZ, Otto**, 1886— Weicher Schanker (Uleus molle) p.423-82. illust. pl. 8°. Berl., 1934.
In Haut & Geschlkr. (Arzt & Zieler) Berl., 1934, 5:
- GRUETZMACHER, Karl Theodor**, 1909— *Untersuchungen über den Einfluss des Wasserstoffes auf das qualitative und quantitative Serum-Eiweiss-Bild. p.420-35. 8°. Kiel [n. pub.] 1932.
- GRUETZMANN, Walter**, 1910— *Ueber die Ursachen der Todesfälle bei Myomoperationen. 31p. 8°. Bonn, H. Trapp, 1935.
- GRUETZNER, Gertrud Ida**, 1900— *Körperwachstum und Körperproportionen 15-19jähriger Schweizerinnen. p.95-218. 24½cm. Zür., O. Füssli, 1928.
Also Arch. Julius Klaus Stift., 1927, 3:
- GRUETZNER, Paul von**, 1847-1919. For Festschrift see Arch. ges. Physiol., 1917, 167:
- & **LUCHSINGER, B.** Physiologische Studien. viii, 62p. 8°. Lpz., F. C. W. Vogel, 1882.
- GRUEVA, Elisabeth**, 1905— *Ueber Lichen ruber planus der Mundschleimhaut [Leipzig] 16p. 8°. [Zeulenroda, A. Oberreuter, 1930]
- GRUHL, Hans**, 1903— *Ueber Nitritvergiftung. [Leipzig] 26p. 8°. [Zeulenroda, A. Oberreuter, 1930]
- GRUHLE, H[ans] W[alther]** 1880— Grundriss der Psychiatrie. 11. Aufl. vi, 166p. illust. 8°. Berl., J. Springer, 1937.
- GRUHN, Gerhard**, 1907— *Ueber Schüttelfröste bei puerperalen Infektionen [Halle] 20p. 8°. Berl., P. Funk, 1932.
- GRULEE, Clifford Groselle**, 1880— Editor of Transactions of the American Academy of Pediatrics. Chic., 1: 1931.

— & BONAR, BARNET E. The newborn; physiology and care. xvi, 258p. roy. 8°. N. Y., D. Appleton & Co., 1926.

Forms v.2. Clinical pediatrics (R. S. Haynes)

— The newborn; diseases and abnormalities. xviii, 429p. roy. 8°. N. Y., D. Appleton & Co., 1926.

Forms v.3. Clin. Pediat. (R. S. Haynes)

— The newborn. 128p. illust. 8°. Hagerstown, Md., W. F. Prior Co., 1937.

In Pract. Pediat. (Brennemann, J.) 1937, 1: chap. 42.

GRULLON-SMESTER, Federico Maximo, 1910— *Contribution à l'étude des pneumonies aiguës simulant la tuberculose pulmonaire. 55p. 8°. Par., Vigot frères, 1934.

GRUMACH, Wilhelm, 1865— Die Berufskrankheiten der Landarbeiter. 20p. 8°. Berl., P. Singer, 1914.

GRUMBACH, Arthur. Experimentelle Studien zur Besredkaschen Lehre von Antivirus und lokaler Immunität [Zürich] 57p. 8°. Jena, G. Fischer, 1928.

Also Zschr. Immunforsch., 1928, 57: 357-413.

GRUMBACH, Lucien, 1908— *Pneumatoèles intracrâniennes. 113p. 8°. Par., Libr. M. Lac, 1931.

GRUMBRECHT, Paul [Karl Ernst] 1903— *Die eitrige Thrombophlebitis im Pfortadergebiet nach Appendicitis und ihre operative Behandlung [Freiburg] 25p. 8°. Bad Salzdetfurth, A. Theuerkauf, 1932.

GRUMME, Helmut, 1907— *Histologische Befunde an Weisheitszähnen [Berlin] 23p. 6 pl. 8°. Charlottenb., Gebr. Hoffmann, 1934.

GRUMMT, Walter, 1911— *Ueber die Wirkung einiger Nahrungsmittel auf den Säure-Basen-Haushalt des Menschen. 22p. 21cm. Jena [n. pub.] 1938.

GRUN, Rudolf, 1875-1934. Wilde, P. A. de [Obituary] Ned. tschr. geneesk., 1934, 78: 4598.

GRUNBERG, Avner, 1896— *Pelade syndrome endocrino-sympathique et son traitement. 127p. 8°. Par., A. Legrand, 1926.

GRUNBERG, Bercu, 1902— *Considérations sur l'extirpation des goitres encapsulés. 41p. 8°. Par., A. Legrand, 1931.

GRUNBERG, Haim, 1908— *Etude sur l'étiologie et la pathogénie des troubles de la pigmentation cutanée. 42p. 8°. Par., Jouve & cie, 1934.

GRUNBERG, Isak, 1909— *Les principes toniques de l'avoine en thérapeutique. 58p. 8°. Par., E. Le François, 1936.

GRUNBERG, Siegfried L., 1911— *Contribution à l'étude des complications nerveuses au cours de la maladie de Nicolas-Favre. 43p. 8°. Par., Lipschutz, 1938.

GRUNBERGER, Zoltán, 1911— *Contribution à l'étude des réactions vaso-motrices au froid. 36p. 8°. Par., J. Haumont, 1937.

GRUND, Albert, 1912— *Appositions- und Resorptionsvorgänge am Zement [Würzburg] 19p. 8°. Geringswalde, E. Beck, 1935.

GRUND, Georg, 1878— Die Anamnese; Psychologie und Praxis der Krankenbefragung. viii, 242p. 8°. Lpz., J. A. Barth, 1932.

— Die Methoden zur Funktionsprüfung von Muskeln und Nerven beim Menschen mittels des galvanischen und faradischen Stromes. p.463-510. 8°. Berl., Urban & Schwarzenberg, 1938.

In Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl., 1938, 5, T. 5. B.

GRUND, Joseph, 1908— *Beitrag zur Frage des röntgenkymographischen Bildes des Ulcus duodeni [Freiburg i. B.] 11p. 8°. Schramb., Gatzert & Hahn, 1936.

GRUND, Marie. See Bolduan, Charles Frederick, & Grund, Marie. Applied bacteriology for nurses. 5. ed. 245p. 8°. Phila., 1927.

GRUNDEL, Fritz, 1910— *Untersuchungen über Korrosionsfestigkeit und Farbbeständigkeit der Palladium-Silberlegierung Palliag [Kiel] 24p. 8°. Pforzheim, Eisele & Fritzsche, 1934.

GRUNDLAGEN und Ergebnisse der Digitalistherapie. See under Hoffmann-LaRoche, F., & Co. 95p. 20cm. Basel, 1929.

GRUNDLAND, Izrael Szmul, 1913— *Complexe lipo-protéique surrénalien et réaction du cancer; rôle des polypeptides. 60p. 8°. Par., L. Rodstein, 1938.

GRUNDLINGER, Norbert, 1905— *La cancérisation du moignon cervical après hystérectomie sub-totale. 47p. 25cm. Lyon, Impr. Hironnelles, 1938.

GRUNDMANN, A. W. See Kiselmann, C. H., & Grundmann, A. W. Equine encephalomyelitis virus isolated from naturally infected Triatoma sanguisuga LeConte. 15p. 8°. Manhattan, 1940.

GRUNDMANN, Gerhard, 1909— *Ueber Vorkommen und Bedeutung endometrioiden Gewebes in der Wand von Teerzysten des Ovariums beim Weibe. 52p. 7 pl. 8°. Lpz., Sturm & Koppe, 1933.

GRUNDMANN, Hans, 1903— *Ueber das Zusammentreffen von Pachymeningitis haemorrhagica interna mit Leptomeningitis [Freiburg i. B.] [18p.] 8°. [Vlotho, R. Thorein] 1928.

GRUNDMANN, Heinz. Der Begriff der Medizinalpolizei und die geltenden medizinalpolizeilichen Bestimmungen des Reichs und der Länder unter Berücksichtigung ihrer Entwicklung. viii, 96p. 8°. Lpz., R. Noske, 1934.

GRUNDMANN, Heinz [Karl] 1907— *Ist eine Aenderung in der Indikationsstellung zur Pulpenexstirpation erforderlich? 20p. 8°. Bresl. A. Schreiber, 1930.

GRUNDMANN, Hilde, 1896— *Blut-zuckeruntersuchungen bei Lungentuberkulose mit besonderer Berücksichtigung der Lungbergischen Arbeiten über Parainsulin. 24p. 8°. Königsb. Pr., J. Raabe, 1931.

GRUNEBaum, Irène Liselotte, 1909— *L'ostéomyélite subaigüe du corps vertébral. 53p. 25cm. Lyon, Impr. d. Facultés, 1939.

GRUNEWALD, Léon, 1908— *La pression moyenne dans les états d'insuffisance cardiaque; influence de l'ouabaine et de la digitaline en application intra-veineuse sur elle [Strasbourg] 162p. 4 pl. 8°. Colmar, Impr. Dernières Nouvelles, 1933.

GRUNER, Arthur Herman Saladin, 1860-1934. Alkio, V. V. [Obituary] Fin. läk. säll. hand., 1935, 77: 360.—Enroth, E. Nekrolog. Acta ophth., Kbh., 1934, 12: 305-7, portr.

GRUNER, Christian Albert Gothilf, & KESSEL, Johan Friedrich. *Dissertatio medicolitteraria de historia motus periodici sanguinis. viii p. 19cm. Altdorf, J. A. Hessel [1745]

GRUNER, Edouard, 1849-1933. Girard, J. [Nécrologie] Bull. Inst. internat. statist., Haye, 1938, 27: 185.

GRUNER, Gerhard, 1909— *Asymmetrie des Oberkiefers und ihre Folgen beim Schiefhals [Leipzig] 22p. 8°. Würzb., R. Mayr, 1935.

GRUNER, Helen F., & STEIN, Elizabeth. Library directory 1937. 5. ed. 87p. 8°. Phila., Spec. Libr. Coun. Phila., 1937.

- GRUNER, Jean Emmanuel**, 1909— *Contribution à l'étude anatomo-clinique des ménin-giomes du lobe temporal. 157p. 24cm. Par., L. Cario, 1938.
- GRUNERT, Hellmuth**, 1907— *Unter-suchungen über die Ursachen der Bissverschie-bungen [München] 30p. 8°. Markt Grafing (Oby.) H. Hausser, 1933.
- GRUNERT, Karl**, 1867— Die Dehnsucht des Auges (Myopie) und ihre Behandlung. 161p. 8°. Münch., J. F. Lehmann, 1934.
- GRUNFELD, Bercu**, 1906— *Contribution à l'étude des pleurésies à éosinophiles. 98p. 8°. Par., Jouve & cie, 1935.
- GRUNFELD, Eugène**, 1901— *Etude clinique des perforations couvertes des ulcères gastro-duodénaux. 57p. 8°. Par., L. Arnette, 1932.
- GRUNOW, Johannes**. Wetter und Klima; ihr Wirken und ihre Beziehungen zur lebenden Welt. 319p. illust. 12°. Berl., Volksverband Bücherfr. Wegweiser [1937]
- GRUNSKKE, Friedrich**. Tätigkeit und Ergeb-nisse der Malaria-Untersuchungsstation in Em-den (Ostfriesland) von 1910-33; aktenmässige Darstellung einer 24jährigen Malariabekämpfung in einem deutschen Marschlande. 180p. map. 8°. Berl., E. S. Mittler & Sohn, 1936.
Forms Heft 27, Veröff. Marine San.]
- GRUNSPAN de Brancas, Mathilde**, 1879-1936.
Delherm, L. Nécrologie. J. radiol. électr., 1936, 20: 627.—
Morel-Khan. Madame M. Grunspan de Brancas, électro-radiologiste de l'Hôpital Baudelocque. Gaz. méd. France, 1936, 43: radiol., 129, portr.
- GRUNWALD, Edmund**, 1907— *Beiträge zur Klinik der Empyemresthöhlenbehandlung. 17p. 22cm. Königsb. Pr., J. Raabe, 1935.
- GRUNWALD, Eugène Jean**, 1902— *La torsion intestinale chez les reptiles. 37p. 8°. Strasb., Impr. Alsacienne, 1932.
- GRUNWALD, Hans**, 1903— *Aetiologie und Behandlung der Schlüsselbeinverrenkung. 23p. 8°. Königsb. Pr., J. Raabe, 1928.
- GRUNWALD, Lucien**, 1905— *Maladie d'Addison sans lésions des capsules surrénales; essai clinique et pathogénique. 47p. 8°. Par., Le François, 1932.
- GRUNWALD, Max**. Die Hygiene der Juden; im Anschluss an die Internationale Hygiene-Ausstellung Dresden 1911. vi, 325p.; lxiv. 8°. Dresd., Verl. Hist. Abt. Internat. Hyg., 1911.
- GRUNWALD, Tibérius**, 1910— *Con-tributions anatomiques et obstétricales à l'étude des thoracopages. 40p. 8°. Par., Impr. Studio, 1936.
- GRUNWALD S., Enrique**. *Relaciones naso-orbitarias óseas; estudio clínico de las inflama-ciones naso-orbitarias, exoftalmus inflamatorio. 115p. 20 pl. 8°. Santiago [n. pub.] 1931.
- GRUPPAN, Jacob**, 1911— *Les adénites tuberculeuses de l'aine. 51p. 8°. Par., J. Haumont, 1937.
- GRUPPER, Isaac Charles**, 1910— *Les problèmes des érythèmes noueux et des érythèmes polymorphes survenant au cours de la maladie de Nicolas-Favre. 102p. 8°. Par., Guillemot & De Lamothe, 1937.
- GRUSCHE, Herbert**, 1906— *Deutsche Gewürzpflanzen, ihre Bedeutung und Anwendung. 42p. 8°. Jena, G. Neuenhahn, 1937.
- GRUSON, Wolfgang**, 1908— *Ueber das Schicksal von Kindern mit Bauchtuberkulose. 35p. 8°. Tüb. [n. pub.] 1934.
- GRUSS, Ilse**, 1910— *Zur Frage der Behandlung der Empyeme im Kindesalter. 26p. 22cm. Gött., L. Hofer, 1935.
- GRUSSENDORF, Gerda**, 1908— *Die Abwanderung intravenös gegebener Flüssigkeiten aus der Blutbahn unter dem Einfluss gefässerweiternder Stoffe [Göttingen] 16p. 8°. Osna-brück, Gutenberg-Dr., 1934.
- GRUSSENMEYER, Alphonse**, 1905— *Schizophrenies processives. 61p. 8°. Strasb., Libr. Univ. d'Alsace, 1933.
- GRUT, Edmund Gottfred Hansen**, 1831-1907. Lundsgaard, K. K. K. [Obituary] Hospitalstidende, 1931, 74: 239-49.
- GRUTTERINK, Alide**. *Beiträge zur mikro-chemischen Analyse einiger Alkaloide und Drogen mit besonderer Berücksichtigung der Methoden von H. Behrens [Bern] 113p. 25cm. Rotter-dam, W. L. & J. Brusse, 1910.
- GRUYTERS, Hermann**, 1909— *Der Verlauf der Nachgeburtsperiode bei spontanen und operativen Entbindungen. 39p. 21cm. Bonn, H. Trapp, 1937.
- GRUZDEV, Viktorin Sergeevich**, 1866-1938. Malinovsky, M. S. [Obituary] Akush. gin., 1938, No. 5, 3. portr.—Manenkov, P. [Obituary] Tr. Kazan. gosud. med. inst., 1939, 9: p. 1, portr.
- GRUZINOV, G. J.** [Structure and vital energy of the human body] 136p. illust. 19cm. Moskva, Gosud. izdat. biol. med. liter., 1937.
- ## GRYLLIDAE.
- SCHWEIS, G. G. Mormon cricket control in Nevada, 1935-38. 48p. 8°. Carson City, 1939.
- Fulton, B. B. On rearing Gryllidae. In Cult. Meth. In-vertebr. (Galtsoff, P. S. [et al.] Ithaca, 1937, 286.—Munro, J. A. & Carruth, L. A. Insecticidal control of the common black field cricket (Gryllus assimilis Fabr.) J. Econom. Entom., 1932, 25: 896, pl.
- ## GRYPONYCHIA.
- See under Nail.
- ## GRYPORHYNCHUS.
- See Dilepididae.
- GRZESZKIEWICZ, Guido**, 1902— *Ueber einen Fall von hypophysärer Plethora. 36p. 4 pl. 22½cm. Berl., R. Piau, 1936.
- GRZHEBIN, Z. N.** [Aspect, therapy and prophylaxis of yperite affections of the skin] 2. ed. 106p. illust. pl. 21½cm. Rostov-on-the-Don, Kraevo kniga, 1935.
- GRZIMEK, Notker**, 1905— *Ueber den Kalium- und Calciumspiegel und den Quotienten K: Ca im Serum von Karzinom-Kranken [Frank-furt a. M.] 15p. 8°. Borna, R. Noske, 1931.
- GRZIWA, Albin**, 1905— *Endocarditis und focale Infektion. 17p. 8°. Halle, Heinisch, 1932.
- GSCHUIDEL, Erich**, 1908— *Geburts-blutung im Abdomen. 20p. 8°. Freib. i. B., W. Wiemken, 1932.
- GSCHNEIDINGER, Max**, 1911— *Ueber retroperitoneale Lipome. 40p. 23cm. Münch., L. Mössl, 1936.
- GSCHWEND, Hildegard**, 1898— *Ueber die Keratitis parenchymatosa [Heidelberg] 47p. 3 l. 8°. Walldorf, F. Lamade, 1929.
- GSCHWEND, Theodor**, 1903— *Das Herz des Wildschweines: VI. Beitrag zur Ana-tomie von Sus scrofa L. und zum Domestikations-problem [Zürich] 42p. 8°. [Weimar, R. Wag-ner Sohn] 1931.
Also Anat. Anz., 1931, 72:
- GSELL, Hermann**, 1902— *Alkoholismus und Morbidität nach einer Statistik männlicher

Patienten der Medizinischen Klinik aus dem Jahre 1933. 34p. 8° Zür., Fluntern, 1936.

GSELL, Margrit, 1911— *Selbstmorde im Kanton Thurgau in den Jahren 1923 bis 1937. 56p. 2 pl. 20½cm. Zür. [n. pub.] 1939.

GSELL, Otto. *Neuere Campherpräparate mit eigenen Untersuchungen über Coramin [Zürich] 11p. 8° Basel, B. Schwabe & Co., 1926.

Also Schweiz. med. Wschr., 1927, 57:

— Abortive Poliomyelitis; rein abortive und nicht-paretische Formen der Heine-Medin'schen Krankheit. 94p. illust. 25cm. Lpz., G. Thieme, 1938.

GSOTTSCHEIDER, Hermann, 1907— *Ueber innere Komplexsalze des zweiwertigen Eisens mit 1, 3 Diketonen [Würzburg] 32p. 8° Ochsenfurt, Fritz & Rappert, 1933.

GSOTTSCHEIDER, Wilhelm, 1910— *Ueber einen Fall von stationärer Retinitis pigmentosa [Würzburg] 15p. 21cm. Ochsenfurt, Fritz & Rappert, 1937.

GSTETTNER, Christof.

HACKL, A. *Das Vorschribenbuch des Salzburger Rossarztes Christof Gstettner; Mitte des 16. Jahrhunderts [München] 88p. 23cm. Passau [1938]

GSTIRNER, F. Handbuch der galenischen Pharmazie; eine umfassende Zusammenstellung der neuen Bereitungsweisen, Prüfungsmethoden und Wertbestimmungen der galenischen Präparate. 710p. 8° Berl., Deut. Apoth. Verl., 1936.

GSTOETTNER, Joseph, 1911— *Das Problem der Reizwirkung der Röntgen- und Radiumstrahlen mit besonderer Berücksichtigung der Strahlenbehandlung der bösartigen Geschwülste [München] 31p. 21cm. Speyer, Pilger, 1938.

GU, Halling, 1904— *Ueber die Bleichung der Kochblutnährböden. 23p. 8° Erlangen, K. Döres, 1932.

GUACAMPHOL.

See under Guaiacol.

GUACARAPA.

García, F. R. La fiebre de Guacarapa (Estado Miranda) Mem. Congr. venezuel. méd. (1924) 1925, 4. Congr., pt 2, 147.

GUADALAJARA. Sociedad mutualista medico-farmacéutica. Boletín. Guadalajara, v.12, No. 1, 1940—

GADELOUPE.

LEROUX, E. *Ressources climatiques et thermales d'une colonie française, la Guadeloupe. 27p. 8° Par., 1926.

Déjou, L. Aperçu sur la pathologie chirurgicale de la Guadeloupe. Ann. méd. pharm. col., Par., 1935, 33: 532-51.—**Floch, H.** Cinq années de démographie au Moule (Guadeloupe) Ibid., 325-46.—**Passa, P.** Géographie médicale de la Guadeloupe. In Grandes endémies trop., Par., 1936, 8: 53-68.—**Pathologie chirurgicale de la Guadeloupe.** Bol. Of. san. panam., 1936, 15: 552-4.

GUAIIAC.

See Guaiacum.

GUAIIACOL [C₆H₄.OCH₃.OH]

See also Creosote oil; Phenol; also under names of diseases as Arthritis, Treatment; Tuberculosis, Treatment, &c.

BENOIT, W. *Ueber die Guajakolvergiftung des Kaninchens unter besonderer Berücksichtigung der Veränderungen an den Nieren [Freiburg i. Br.] p.585-613. 8° Berl., 1928.

Also Zschr. ges. exp. Med., 1928, 62:

FINKELSTEIN, H. *Un gaïacol créosoté hydro-soluble, injectable; sa place dans la thérapeutique pulmonaire. 91p. 25cm. Lyon, 1939.

MABERLY, J. Aggressive medicine [use of the guaiacol compounds and Monsonia ovata] 232p. 8° Lond., 1935.

SCHMIDT, L. *Klinische Versuche über die Wirkung des Monotal und Hexamecol gegen die Brustschmerzen der Lungentuberkulose. 24p. 8° [Würzb., 1914]

Andreoni, G. Se convenga usare il thibocolo per via endovenosa. Gior. tisiol., 1928, 5: 241.—**Basch.** Zur parenteralen Guajakoltherapie. Münch. med. Wschr., 1927, 74: 108.—**Chabrol, E., Charonnat, R.** [et al.] L'action cholérétique des dérivés du gaïacol. C. rend. Soc. biol., 1931, 107: 1240-3.

La sulfocoujugaison intervient-elle dans la cholérèse?

Ibid., 1243.—**Clark, A. H., & Kirch, E.** Potassium guaiacol sulfonate. J. Am. Pharm. Ass., 1935, 24: 564-7.—**Connell, W. F., Johnston, G. M., & Boyd, E. M.** On the expectorant action of resyl and other guaiacols. Canad. M. Ass. J., 1940, 42: 220-3.—**Creosote** and guaiacol compounds omitted from N. N. R. J. Am. M. Ass., 1938, 110: 209-11.—**Deveze, M.** El guayacol y sus compuestos derivados. Dia méd., B. Air., 1931-32, 4: 243.—**Felix, J.** [Parenteral guaiacol treatment] Polska gaz. lek., 1937, 16: 865.—**Fischer, I.** A propos d'un dérivé du gaïacol, le guphène. Schweiz. med. Wschr., 1933, 63: 321.—**Fusilli, P.** L'etere glicerico del guaiacolo nella cura della tubercolosi polmonare. Gazz. med. lombarda, 1935, 94: 35-42.—**Gaïacol (Le)** et ses dérivés dans la tuberculose pulmonaire. Médecine, Par., 1921-22, 3: 630.—**Gordonoff, T., & Wyss, E. J.** Ueber das Kalium sulfoguaïacolicum. Zschr. ges. exp. Med., 1933-34, 92: 169-71.—**Grandjean, F.** Klinische Erfahrungen mit Guaya-Gloma Wander bei Lungentuberkulose. Schweiz. med. Wschr., 1935, 65: 417-9.—**Groner, P.** Ueber neue Gesichtspunkte bei der Guajakolbehandlung der Lungentuberkulose. Wien. med. Wschr., 1929, 79: 886.—**Hamburger, G., & Hamburger, H.** Ueber ein neues injizierbares Guajakolpräparat Anastil. Med. Klin., Berl., 1926, 22: 1344.—**Hashimoto, S.** Ueber die Guajacose zur Behandlung der Lungentuberkulose. Allg. med. Centr. Ztg., 1914, 83: 312.—**Hofmann, M.** Erfahrungen mit Resyl Ciba. Schweiz. med. Wschr., 1939, 69: 34.—**Holmsten, V.** [Guaiacose in the treatment of tuberculosis] Ter. obozr., Odessa, 1913, 6: 320-2.—**Maberly, J.** Iodised tincture of guaiacol in the treatment of synovial and serous affections. Lancet, Lond., 1929, 1: 437.—**Internal antiseptics: guaiacol-iodine compounds.** Med. Press & Circ., Lond., 1931, 132: 126; 145.—**Müllern, K.** Die Guajakoltherapie mit Lacajolin. Med. Klin., Berl., 1927, 23: 1545.—**Osterhout, W. J. V.** Changes of apparent ionic mobilities in protoplasm; some effects of guaiacol on Halicystis. J. Gen. Physiol., 1937-38, 21: 707-20.—**Calculations of bioelectric potentials; some effects of guaiacol on Nitella.** Ibid., 1939-40, 23: 171-6.—**Effects of guaiacol and hexylresorcinol in the presence of barium and calcium.** Ibid., 749-51.—**Paci, G.** Il solfocloroguaïacolato di calcio nella terapia della tubercolosi polmonare. Gazz. med. lombarda, 1928, 87: 83; 104.—**Peytral, M.** Les indications du résyl dans le traitement de la tuberculose pulmonaire. Progr. méd., Par., 1928, 43: 543.—**Poras, J.** Zur Guajakolbehandlung der Lungentuberkulose. Tuberkulose, Münch., 1928, 8: 65.—**Raiford, L. C., & Siker, R. E.** Nitration of acyl derivatives of 4, 5-dibromo- and 4, 5, 6-tribromoguaïacol. J. Org. Chem., 1937-38, 2: 346-55.—**Resyl-Ciba** not acceptable for N. N. R. J. Am. M. Ass., 1940, 115: 217.—**Rupp, E., & von Brixen, A.** Zur Kenntnis pharmazeutischer Guajakol-Präparate. Arch. Pharm., Berl., 1926, 264: 698-711.—**Sammert, O.** Ueber die Resorptionsfähigkeit von Guajakol-hexamethylentetramin (Hexamecol) durch die Haut, sowie über eine neue methode zum Guajakolnachweis im Harn. Zschr. physiol. Chem., 1914, 91: 233-40.—**Schmid, R.** Zur Methodik der quantitativen Guajakolbestimmung im Harn. Ibid., 1932, 205: 213-8.—**Schwyzler, I.** La fabricación del guayacol y de la fenacetina. Bol. farm. mil., Madr., 1930, 8: 193; 225.—**Shedlovsky, T., & Uhlig, H. H.** On guaiacol solutions; the electrical conductivity of sodium and potassium guaiacates in guaiacol. J. Gen. Physiol., 1934, 17: 549-61.—**On guaiacol solutions; the distribution sodium and potassium guaiacates between guaiacol and water.** Ibid., 563-76. Also repr.—**Simon, I.** Recherche pharmacologique sul guaiacolcalcico di calcio, guaiacolcalcico; sue possibilità terapeutiche. Arch. farm. sper., 1939, 68: 214-34.—**Stappert, H.** Guaiacol bei Angina; Erfahrungsbericht aus der Praxis. Med. Welt, 1939, 13: 52.—**Theisen, H.** Ueber parenterale Guajakoltherapie mit Anastil unter besonderer Berücksichtigung der Anwendung in der Chirurgie. Med. Klin., Berl., 1936, 32: 124.—**Thiocol** in the treatment of respiratory diseases. Med. Times, Lond., 1934, 62: 183.—**Unger, R.** Anastil, ein injizierbares Guajakolpräparat. Med. Klin., Berl., 1924, 20: 1360.—**Vitali, D.** Di una nuova reazione del formolo e dell'acetaldeide e del modo di riconoscere il guaiacolo e distinguerlo dal creosoto. Gior. farm., 1898, 3: 193.—**W. Guaiacol.** In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 903-5.—**Wyss, E. J.** Ueber das Thiocol. Ausz. Inaugur. Diss. Med. Fak. Univ. Bern (1931-33) 1934, No. 66, 1.

GUAIACUM.

See also Syphilis, History; Tonsillitis.

Bois de gaïac comme moyen de reconnaître le kirsch véritable. *J. chim. méd., Par.*, 1867, 5. sér., 3: 654.—**De Lint, J. G.** Eine der ersten Guajak-schriften. *Janus, Leyde*, 1932, 36: 384; 1933, 37: 320.—**Gifford, J. C.** Lignum-vitae, the tree of life. *Sc. Month.*, 1939, 49: 30-2.—**Strieder, J.** Die Fugger und die Guajakholzkur. *Derm. Wschr.*, 1934, 99: 888-90.—**Wedekind, E., & Schicke, W.** Ueber das Sapogenin der Guajakrinde; die Identität des Guagenins mit dem Zucker-rübensapogenin. *Zschr. physiol. Chem.*, 1931, 198: 181-4.

Resin.

Colwell, H. A. The catalytic oxidation of guaiac resin by metallic copper. *J. Physiol., Lond.*, 1909-10, 39: 358-60.—**Grimelli.** Uso terapeutico del resinato calcico. *Mem. med. contemp., Venez.*, 1841, 5: 58-61.—**Johnson, V., Carlson, A. J.** [et al.] Action of gum guaiacum upon the animal organism. *Food Res.*, 1938, 3: 555-74.—**Vitali, D.** Sull'azione di alcuni composti metallici sulla resina di guaiaco, specialmente in presenza dei cloruri. *Gior. farm. chim., Tor.*, 1872, 21: 255-60.—**Weaver, H. S.** Guaiacum and its uses. *Hahne-man, Month.*, 1937, 72: 45-7.

GUAINERI, Antonio. —1440. Opera omnia [ed. Hier. Faventinus] 148 l. 4°. Venezia, Bonetus Locatellus for Octav. Scotus, 1497.

GUALINO, Lorenzo. Saggi di medicina storica. [8p.; 399p. illust. port. 8° Tor., Minerva Med., 1930.

— Storia medica dei Romani pontefici. 2, 489p. illust. portr. 8° Tor., Ed. Minerva Med. [1934]

GUALDO, Ferdinando Carlo. Metodo per far uso dell'acqua minerale di Recoaro. 79p. 21cm. Vicenza, V. Mosca, 1805.

GUAM. Governor. Annual report, Guam, 1932.

GUAM, U. S.

UNITED STATES. BUREAU OF THE CENSUS. Census of Guam. 9p. 29cm. Wash., 1920.

WHEELER, J. Report on the Island of Guam. 51p. 19 pl. 23cm. Wash., 1900.

Blackmun, G. H. Living conditions in Guam. *Hosp. Corps Q.*, 1927, 11: 245-51, 2 pl.—**Guam:** Reports on health and sanitation for the years 1907 and 1908. *U. S. Nav. M. Bull.*, 1909, 3: 321-33. Also repr.—**Odell, H. E.** Medical conditions in Guam. *Bull. Manila M. Soc.*, 1912, 4: 11-9.—**Porter, F. E.** Health conditions in Guam. *U. S. Nav. M. Bull.*, 1932, 30: 446-53.—**Water supply**, Naval Station, Guam. *Ibid.*, 1937, 35: 535-41.

GUANASE.

LINNEWEH [H. G.] F. *Ueber den Abbau biogener Guanidinverbindungen durch ein bisher unbekanntes Bakterienferment: Guanidodesimidase. p.115-32. 8° Würzb., 1934.

Also *Zschr. physiol. Chem.*, 1932, 205:

Linneweh, F. Ueber die Resistenz des Guanidins und alkylierter Guanidine gegenüber bakterieller Guanidodesimidase und Arginase. *Zschr. physiol. Chem.*, 1932, 207: 152-6.

GUANIDINE [and derivatives]

See also Blood chemistry, Guanidine; Creatin; Purine, &c.

SELBACH, H. *Ergebnisse der Guanidin-forschung. 79p. 8° Bonn, 1935.

Andes, J. E., & Myers, V. C. Guanidine-like substances in the blood; blood guanidine in patients with parathyroid deficiency and with idiopathic tetany. *J. Lab. Clin. M.*, 1937-38, 23: 123-6. — **Linegar, C. R.** Guanidine-like substances in the blood; blood guanidine in nitrogen retention and hypertension. *Ibid.*, 1936-37, 22: 1209-16.—**Helmer, O. M., & Page, I. H.** Guanidine-like substances in the blood of normal and hypertensive dogs. *Proc. Soc. Exp. Biol.*, N. Y., 1937-38, 37: 680-2.—**Major, R. H.** Blood guanidine in arterial hypertension; a review of 800 cases. *Arch. Int. M.*, 1938, 62: 946-8. — **Weber, C. J., & Rumold, M. J.** Blood guanidine; further observations. *Ibid.*, 1939, 64: 988-93.—**Paton, D. N.** The significance of guanidins in the animal body. *Glasgow M. J.*, 1925, 104: 297-314.

Chemistry.

Abderhalden, E., & Sichel, H. Bildung von Guanidinverbindungen bei der Einwirkung von Guanidin auf Aminosäure-ester. *Zschr. physiol. Chem.*, 1928, 173: 51-60. — Bildung von Kreatinin aus Sarkosinäthylester und Guanidin beziehungsweise Cyanamid, sowie von d. 1-5-p-Oxybenzyl-2-imino-4-oxotetrahydroimidazol [(d. 1-β-Oxyphenyl-α-guanidin-propionsäure)] aus d. 1-Tyrosinäthylester und Guanidin. *Ibid.*, 175: 68-74.—**Chrzaszcz, T., & Zakomorny, M.** Ueber die biochemische Umbildung des Guanidins zu Harnstoff durch verschiedene Schimmelpilze. *Biochem. Zschr.*, 1934-35, 275: 97-105.—**Edsall, J. T.** Raman spectra of amino acids and related compounds; guanidine and urea derivatives. *J. Phys. Chem.*, 1937, 41: 133-41.—**Jacques, A. G.** The kinetics of penetration: guanidine. *Proc. Nat. Acad. Sc. U. S.*, 1935, 21: 488-92.—**Klingner, R.** Ueber den Abbau substituierter Guanidine bei erhöhter Temperatur. *Zschr. physiol. Chem.*, 1926, 155: 206-39.—**Lang, K.** Ueber den Mechanismus der Diacetylreaktion von Guanidinen, ihre Umformung und Anwendung zur kolorimetrischen Bestimmung von Kreatin und Arginin. *Ibid.*, 1932, 208: 273-80.—**Lecher, H.** Ueber die Deutung der Rathkeschen Guanidinsynthese und der Hydrolyse von Guanidinen. *Ibid.*, 1928, 176: 43-5. — **Demmler, G.** Ueber den Mechanismus der Hydrolyse von Guanidinen. *Ibid.*, 1927, 167: 163-76.—**Müller, H.** Ueber den Mechanismus der Diacetylreaktion. *Ibid.*, 1935, 233: 276-80.

Derivatives.

See also subheadings.

FUCHS, H. *Ueber den Guanidinkern im Pseudomucin. p.413-6. 22½cm. Würzb., 1936. Also *Biochem. Zschr.*, 1935, 279:

Ackermann, D. Astorubin, eine schwefelhaltige Guanidin-verbindung der belebten Natur. *Zschr. physiol. Chem.*, 1935, 232: 206-12.—**Conard, V. A., & Shriner, R. L.** Aminoguanidine derivatives. *J. Am. Chem. Soc.*, 1933, 55: 2867-70.—**Fuld, E.** Acotin, ein Guanidinderivat ohne antidiabetische Eigenschaften. *Klin. Wschr.*, 1928, 7: 1939.—**Kapfhammer, J., & Müller, H.** Guanidosäuren und Guanidopeptide. *Zschr. physiol. Chem.*, 1934, 225: 1-12.—**Mohler, H. K.** Guanidine and its compounds. In *Cyclop. Med. (Piersol-Bortz)* Phila., 1939, 6: 905.—**Mohr, M.** Das Verhalten des Guanidinoglyoxalins im Tierkörper. *Zschr. physiol. Chem.*, 1937, 243: 57-64.—**Przylecki, S. J. von, & Rafalowska, H.** Dextrino-guanidin. *Biochem. Zschr.*, 1935, 277: 424.—**Schenck, M., & Kirchhof, H.** Ueber Aethylguanidin und N, N-Dimethyl-N'-äthylguanidin. *Zschr. physiol. Chem.*, 1926, 154: 293-301. — Ueber Aethylendiguanidin. *Ibid.*, 155: 306-13.—**Sieg, R. P., & Dehn, W. M.** Isomerism of the guanidines. *J. Am. Chem. Soc.*, 1940, 62: 3506-8.—**Smith, G. B. L., Miale, J. P., & Mason, C. W.** Monoarylguanidines; benzosenazoleguanidine. *Ibid.*, 1933, 55: 3759-62.—**Steib, H.** Ueber β-Guanido-α-Amino-n-capronsäure und β-Amino-α-Guanido-n-capronsäure. *Zschr. physiol. Chem.*, 1926, 155: 292-305.—**Suida, W.** Studien über die Ursachen der Färbung animalischer Fasern; das Farbstofffällungsvermögen der vom Guanidin sich ableitenden Substanzen. *Ibid.*, 1910, 68: 381-90.—**Swarczewski, A.** Ueber Guanidin-mono-, bi-, und trichromat; kristallographisches Studium. *Bull. internat. Acad. polou. sc.*, 1934, Ser. A, 246-55.

Derivatives: Effect.

Ackermann, D. Ueber eine schwefelhaltige Guanidin-verbindung der belebten Natur. *Verh. Phys. med. Ges. Würzburg* (1934-35), 1936, n. F., 59: 73. — **Heinsen, H. A.** Ueber die physiologische Wirkung des Astorubins und anderer, zum Teil neu dargestellter, schwefelhaltiger Guaninderivate. *Zschr. physiol. Chem.*, 1935, 235: 115-21.—**Alles, G. A.** The comparative physiological action of some derivatives of guanidine. *J. Pharm. Exp. Ther.*, 1926, 28: 251-76.—**Banu, C., & Gavrilescu, N.** The effect of guanidine derivatives on tissue respiration. *Biochem. J.*, Lond., 1934, 28: 270-2.—**Castex, M. R., & Sehteingart, M.** L'action des dérivés de la guanidine dans le diabète. *C. rend. Soc. biol.*, 1928, 99: 999.—**Dominguez, R.** Pressor effect of guanidine salts on the non-anesthetized rabbit. *Proc. Soc. Exp. Biol.*, N. Y., 1927-28, 25: 57-60.—**Greenstein, J. P.** Sulfhydryl groups in proteins; the effect of egg albumin of various salts of guanidine. *J. Biol. Chem.*, 1939, 130: 519-26. Also repr.—**Koizumi, S.** Ueber die Wirkung der Guaninderivate auf den Dünndarm im Körper des Kaninchens und Vergleich mit ihrer Wirkung auf den überlebenden Dünndarm. *Okayama igakkai zasshi*, 1938, 50: 924.—**Major, R. H.** The effects of guanidine compounds on the blood pressure when introduced slowly into the circulation and into the gastrointestinal tract. *Johns Hopkins Hosp. Bull.*, 1926, 39: 215-21. Also repr. — **Weber, C. J.** The effect of guanidine compounds on unanesthetized dogs. *J. Lab. Clin. M.*, 1929-30, 15: 125-7.—**Sakamoto, Y.** Ueber den Einfluss des Benzylguanidins, p-Oxybenzylguanidins und Guanidins auf die geformten Bestandteile des Blutes; über den Einfluss auf das Leukozytenbild und auf die Zahl der Erythrocyten und Blutplättchen. *Okayama igakkai zasshi*, 1933, 45: 2197.—**Shinozaki, K.** Pharmakologische Untersuchung des Guanidins und einiger seiner zyklischen Derivate; über die Gefäßwirkung. *Ibid.*, 1930, 42: 2573.—**Tachibana, K.** Ver-

gleichende Studien über die Wirkung einiger Guanidinderivate auf die geformten Bestandteile des Blutes. Jap. J. M. Sc., 1934-35, 8: H. 3, Pharm., 128. — Ueber die Wirkung einiger neuer aromatischer Guanidinderivate auf den überlebenden Kaninchendarm sowie den normalen und schwangeren Uterus des Kaninchens. Okayama igakkai zasshi, 1935, 47: 2674. — **Tennenbaum, M.** Concerning the hypoglycaemic action of a guanidine derivative. Med. Press & Circ., Lond., 1931, 131: 450-2. — **Uchihashi, R.** Ueber den Einfluss der aromatischen Guanidinderivate auf die Wasserstoffionenkonzentration des Blutes beim Kaninchen. Okayama igakkai zasshi, 1936, 48: 1378. — **Yamauchi, S.** Vergleichende Untersuchung neuer aromatischer Guanidinderivate hinsichtlich ihrer lähmenden Wirkung auf den ganzen Frosch und auf den Skelettmuskel. Ibid., 1935, 47: 321.

Determination.

Arpino, G. I metodi di ricerca della guanidina. Athenaroma, 1936, 5: 416-8. — **Braun, C. E., & Rees, F. M.** An examination of the Sullivan colorimetric test for guanidine. J. Biol. Chem., 1936, 114: 415-17. Also repr. — **Ellis, M. P.** Guanidine determinations on some invertebrates by a colorimetric phosphotungstic acid method. Biochem. J., Lond., 1928, 22: 353-61. — **Rittmann, R.** Die Bestimmung kleinster Guanidinnengen mit Hilfe des Nephelometers. Biochem. Zschr., 1926, 172: 36-9. — **Saunders, J. A.** A method for the isolation of guanidine. Biochem. J., Lond., 1932, 26: 801-3, 2 pl. — The recovery of guanidine from the bloodstream after injection. Ibid., 1934, 28: 1157-9. — **Sullivan, M. X.** A colorimetric test for guanidine. Proc. Soc. Exp. Biol., N. Y., 1935-36, 33: 106-8. — An examination of the Sullivan colorimetric test for guanidine. J. Biol. Chem., 1936, 116: 233-5. Also repr. — **Hess, W. C.** Structure of colored compound formed in the Sullivan reaction for guanidine. Proc. Soc. Exp. Biol., N. Y., 1935-36, 33: 220-2.

Effect.

Ackermann, D. Ueber die Biologie des Guanidins und seiner Derivate. Verh. Phys. med. Ges. Würzburg (1934-35), 1936, n. F., 59: 68-72. — **Belchrádek, J., & Mirski, J.** Variations du coefficient de température de la fréquence cardiaque sous l'action de la guanidine. Arch. internat. physiol., Liège, 1932, 35: 158-62. — **Blaschko, H.** Amine oxidase and diamines; the action of guanidine. J. Physiol., Lond., 1939, 95: Suppl., 30. — **Califano, L., & D'Alise, M.** I processi deidrogenativi nei muscoli in seguito all'azione della guanidina. Riv. pat. sper., 1927, 2: 288-93. — **D'Alise, M.** Azione della guanidina sui processi deidrogenativi dei tessuti (fegato, rene, cervello) Ibid., 1924, 7. — Sulla funzione dei muscoli paralizzanti mediante il taglio dei nervi motori; l'azione della guanidina nei processi deidrogenativi. Ibid., 1928, 3: 28-35. — **Dell'Aquila, A.** Azione della guanidina sul cuore di rana. Fisiol. & med., Roma, 1935, 6: 585-8, ch. — **De Waele, H., & Blucke, G.** L'action vasculaire de la guanidine. Arch. internat. physiol., Liège, 1925, 25: 74-82. — **Frank, E., Nothmann, M., & Wagner, A.** Ueber die Guanidinhypoglykämie. Arch. exp. Path., Lpz., 1926, 115: 55-63. — **Gavriescu, N.** L'action de la guanidine sur la perméabilité des muscles. Ann. physiol., Par., 1929, 5: 295-300. — Expériences sur l'action cumulative de la guanidine. C. rend. Soc. biol., 1929, 101: 769-71. — **Hunasako, H.** Wirkung des Guanidins auf den Kohlehydratstoffwechsel; Einfluss des Guanidins auf den Blutzucker, die Blutmilchsäure, den Glykogengehalt der Leber und des Muskels sowie den Adrenalinegehalt der Nebenniere beim Kaninchen. Mitt. Med. Akad. Kioto, 1939, 27: 1188. — Ueber den Gehalt des Blutes an Zucker und Milchsäure in den verschiedenen Gefässen nach der Guanidininjektion bei Kaninchen. Ibid., 1940, 28: 773-811. — Wirkung des Guanidins auf die Zucker- und Milchsäuremobilisierung bei durchströmter Krötenleber. Ibid., 819. — Ueber den Gehalt des Blutes an Zucker und Milchsäure in den verschiedenen Gefässen des Guanidin-hydrochlorid-injizierten Kaninchens. Jap. J. M. Sc., 1939-40, 12: Proc. Pharm., 95-8. — **Junkersdorf, P., & Weinand, K.** Tierexperimentelle Untersuchungen über die stoffwechselphysiologische Wirkung des Guanidins. Arch. exp. Path., Berl., 1932, 165: 462-81. — **Kato, H.** Studium über das Guanidin-hydrochlorid; über den Einfluss des Guanidin-hydrochlorids und einiger Pharmaka auf die Chronaxie des Kaninchens. Mitt. Med. Akad. Kioto, 1939, 25: 402. — **Moracci, E.** Sui fenomeni convulsivi da sostanze ipoglicemizzanti nel Colombo; il effetto della somministrazione di guanidina. Boll. Soc. ital. biol. sper., 1932, 7: 307-10. — **Nagamitu, G.** Ueber die Wirkung des Guanidins auf das Nervenmuskelpräparat des Frosches. Okayama igakkai zasshi, 1936, 48: 1285. — **Ochoa, S.** The action of guanidins on the melanophores of the skin of the frog (*Rana temporaria*). Proc. R. Soc., Lond., 1928, ser. B, 102: 256-62, 2 pl. — **Osterhout, W. J. V.** Chemical restoration in *Nitella*; effects of guanidine. J. Gen. Physiol., 1940-41, 24: 7. — **Principalli, S.** De l'action de la guanidine sur la chronaxie musculaire. Arch. ital. biol., 1932-33, 88: 196-205. — **Rosso, C.** Modificazioni dell'azione guanidinica in rapporto alle variazioni del p_a. Clin. pediat., Mod., 1934, 16: 604-9. — **Cabitto, A.** Spasmodia e guanidina; azione biologica della guanidina e suoi rapporti col calcio. Ibid., 770-82. — **Sugawara, T., & Tada, H.** A note on the effect of guanidine hydrochloride upon the epinephrine output from the suprarenal gland and the sugar content of blood in dogs. Tohoku J. Exp. M., 1927, 9: 295-311.

Metabolism.

Bodansky, M., Duff, V. B., & Herrmann, C. L. Excretion of ingested guanidoacetic acid. J. Biol. Chem., 1937, 119: p. xiii. — **Rémond, A., & Colombiès, H.** Investigaciones sobre el metabolismo de la guanidina. Ars medica, Barcel., 1930, 6: 71-3. — **& Vives, Le.** Le métabolisme de la guanidine. Bull. Acad. méd., Par., 1928, 3. ser., 100: 937-40. — **Weber, C. J.** Studies on guanidine compounds; the excretion of guanidine bases after subcutaneous or oral administration. J. Biol. Chem., 1928, 78: p. xx; p. xv.

methyl.

Englund, T. Ueber die Wirkung des Dimethylguanidins auf das Gefäßsystem des Frosches. Skand. Arch. Physiol., Berl., 1925, 47: 15-47. — **Goldblatt, H., & Karsner, H. T.** The site of the pressor action of dimethyl-guanidin sulphate. J. Pharm., 1933, 47: 247-54. Also repr. — **Hunasako, H.** Einfluss des Methylguanidins auf den Kohlenhydratstoffwechsel des Kaninchens. Mitt. Med. Akad. Kioto, 1940, 28: 1105. — **Krimberg, R., & Komarow, S. A.** Ueber die Einwirkung des Methylguanidins auf die Absonderung des Pankreassaftes und der Galle. Biochem. Zschr., 1926, 176: 73-83. — **Madden, J. J., & Kaplan, L. A.** Methyl guanidine sulfate and its possible use as a therapeutic agent for mental disorders. Arch. Neur. Psychiat., Chic., 1940, 44: 206-9. — **& Taylor, F.** Studies with methyl guanidine sulphate and its possible use as a therapeutic agent in mental disorders. J. Nerv. Ment. Dis., 1941, 93: 176-81. — **Najor, R. H., & Weber, C. J.** The effect of methyl guanidine upon the blood pressure of adrenalectomized dogs. J. Pharm. Exp. Ther., 1929, 35: 351-4. — **Pfiffner, J. J., & Myers, V. C.** The colorimetric estimation of methylguanidine in biological fluids (preliminary report). Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 830-2. — **Potter, W. F., & Stotland, O. O.** The effects of methyl guanidine salts upon some of the autonomic nerves of the dog. Am. J. Physiol., 1932, 99: 598-607. — **Schenck, M.** Ueber die Bildung des symmetrischen Trimethylguanidins durch Uraminierung. Zschr. physiol. Chem., 1925, 150: 121-32. — **Schotte, H., & Priewe, H.** Synthese des N-Methyl-N-(β -guanidino-äthyl)-guanidins (Kutscher's Vitiatin?) Ibid., 1926, 153: 67-73. — **Smorodintzev, I. A., & Adowa, A. N.** Zur Frage nach dem Vorkommen von Methylguanidin im tierischen Organismus; der Nachweis von Methylguanidin in den Muskeln eines Hundes. Ibid., 1929, 180: 192-7. — Ein Versuch der Trennung des Methylguanidins von Carnosin und Kreatinin. Ibid., 181: 77-82. — Zur Frage nach dem Vorkommen von Methylguanidin im tierischen Organismus; über die Anwendung von Benzolsulfochlorid zur Ausscheidung von Methylguanidin. Ibid., 182: 259-64. — **Tennenbaum, M.** Notiz zur hypoglykämisierenden und glykogenisierenden Wirkung der methylierten Guanidine. Arch. Verdauungskr., 1933, 53: 397-401.

Pharmacology.

Agnoli, R., & Carezzano, A. Contributo istopatologico alla farmacologia delle terminazioni nervose; azione della guanidina. Arch. ital. anat., 1928, 26: 72-8. — **Guanidine hydrochloride.** Calco. J. Am. M. Ass., 1941, 116: 52. — **Hazard, R.** Etude pharmacodynamique des substances chimiquement définies à action hypoglycémiant; dérivés de la guanidine. J. pharm. chim., Par., 1929, 8. ser., 9: 371-80. — **Hunasako, H.** Wirkung des Guanidins auf den Kohlehydratstoffwechsel; Einfluss einiger Pharmaka auf die durch Guanidin bedingte Veränderung des Blutzuckers, der Blutmilchsäure und des Glykogengehaltes des Kaninchens. Mitt. Med. Akad. Kioto, 1939, 27: 1189-91. — **Koizumi, S.** Ueber den Einfluss des Adrenalins auf die Wirkung des Guanidins und einiger Guanidinderivate bei den glattemuskuligen Organen. Okayama igakkai zasshi, 1938, 50: 1652. — **Müller, H., & Reinwein, H.** Zur Pharmakologie des Galegins. Arch. exp. Path., Lpz., 1927, 125: 212-28. — **Reinwein, H.** Zur Pharmakologie und Therapie der Guanidine. Verh. Phys. med. Ges. Würzburg, 1927, n. F., 52: 65-7. Also Verh. Deut. Ges. inn. Med., 1927, 39. Kongr., 219. — **Shinozaki, K.** Pharmakologische Untersuchung des Guanidins und einiger seiner zyklischen Derivate; die Wirkung auf den überlebenden Dünndarm und Uterus des Kaninchens und das Froschherz. Okayama igakkai zasshi, 1931, 43: 957. — **Stirnadel, M.** Die Geissraute als Heilpflanze. Hippokrates, Stuttg., 1937, 8: 742.

phenyl.

Cannavo, L. Ricerche sull'azione farmacologica delle fenilguanidine. Arch. farm. sper., 1928, 45: 249; 273. — Tossicità delle fenilguanidine e loro influenza sul tasso glicemico. Boll. Soc. ital. biol. sper., 1928, 3: 618. — **Riesser, O.** Ueber eine neue Bildungsweise des symmetrischen Diphenylguanidins und seine pharmakologische Wirkung. Zschr. physiol. Chem., 1923, 131: 204-13. — **Tobitani, T.** Pharmakologische Untersuchung des Diphenylguanidins; allgemeine Wirkung, Toxizität, Wirkung auf den Blutdruck, das isolierte Froschherz, und den Darm und Uterus, und Einfluss auf die Blutgerinnbarkeit. Okayama igakkai zasshi, 1939, 51: 828.

Poisoning.

Adler, A. Ueber die Nebenwirkungen des Synthalins und ihre Beseitigung. Klin. Wschr., 1927, 6: 493. — **Aoki, T.** The chemical-pathological study on the guanidine poisoning. Tr.

- Soc. path. jap., 1933, 23: 469-74.—**Artom, M.** Esantema medicamentoso da sintalina. Arch. ital. derm. sif., 1929, 4: 340-51.—**Bakucz, J.** Beiträge zur Kenntnis der entgiftenden Wirkung des Traubenzuckers bei Guanidinvergiftung. Arch. exp. Path., 1925, 110: 121-8. Also Klin. Wschr., 1926, 5: 70.—**Banse.** Herzscheidungen durch guanidinhaltige Antidiabetika. Deut. med. Wschr., 1938, 64: 120.—**Bonnardel, R.** Action de courant constant appliqué sur le nerf sur les contractions spontanées du muscle empoisonné par la guanidine. C. rend. Soc. biol., 1931, 106: 458-60.—**Broom, W. A.** The toxicity and glycaemic properties of a number of amidine and guanidine derivatives. J. Pharm. Exp. Ther., 1936, 57: 81-97.—**Campanacci, D., & Dondoli, C.** Studi sui derivati guanidici antidiabetici; alterazioni istologiche dei gangli celiacici nell'avvelenamento sperimentale da sintalina. Pathologica, Genova, 1929, 21: 237-42.—**Cera, B.** Comportamento del fosforo organico ed inorganico nella tetania sperimentale da guanidina. Ibid., 1939, 31: 342-6.—**David.** Synthalin und Leberschädigung. Deut. med. Wschr., 1928, 54: 473.—**Ellis, M. M.** Guanidine studies; distribution of guanidines in acute contractions and parathyropria tetanics. Biochem. J., Lond., 1928, 22: 930-6. Water content of certain tissues during acute guanidine and parathyropria tetanics. Ibid., 1937-40.—**Gómez Marciano, A.** La encefalitis guanidinica. Arch. neurob., Madr., 1934, 14: 461-92.—**Pérez Llorca, J.** Algunas observaciones sobre la encefalitis guanidinica aguda experimental. Arch. med., Madr., 1933, 36: 199-201.—**Hornung, S.** Synthalin und Leberschädigung. Klin. Wschr., 1928, 7: 69.—**Hummel, H., & Püschel, J.** Ueber die Zuckerwirkung bei der Guanidinvergiftung und ihre Bedeutung für die Permeabilitätslehre des Muskels. Arch. ges. Physiol., 1927, 217: 441-55.—**Karr, W. G., Belk, W. P., & Petty, O. H.** The toxicity of synthalin. J. Pharm. Exp. Ther., 1929, 36: 611-8.—**Kaufmann, E.** Chronische Synthalinschäden. Med. Klin., Berl., 1928, 24: 1942-5.—**Minot, A. S.** A comparison of the effect of calcium and of atropine and scopolamine on the plasma loss and on the general symptoms of guanidine intoxication. J. Pharm. Exp. Ther., 1939, 65: 243-52. A study of the mechanisms involved in the loss of plasma in guanidine intoxication and in the prevention of such a loss by atropine and by calcium. Ibid., 253-67.—**Dodd, K.** Guanidine intoxication; a complicating factor in certain clinical conditions in children. Am. J. Dis. Child., 1933, 46: 522-42.—**Saunders, J. M.** The acidosis of guanidine intoxication. J. Clin. Invest., 1934, 13: 917-32.—**Minot, A. S., & Keller, M.** The circulatory failure associated with guanidine intoxication. J. Pharm. Exp. Ther., 1937, 60: 32-44. Effect of continuous venoclysis in dogs with guanidine intoxication. Ibid., 45-55.—**Motoyoshi, I.** Histologische Studien über die experimentelle Guanidinvergiftung. Psychiat. neur. jap., 1939, 43: 61.—**Perémy, G.** Tetaniforme Krämpfe während der Synthalinbehandlung. Klin. Wschr., 1927, 6: 2100.—**Rubini, F.** La guanidemia nella intossicazione alimentare del lattante. Lattante, 1937, 8: 297-302.—**Samuelson, G. S.** An investigation of the toxicity and hypoglycemic effect of several guanidine compounds. J. Pharm. Exp. Ther., 1935, 54: 17-24.—**Sanz Ibáñez, J., & Rodríguez Pérez, A. P.** Les altérations histopathologiques dans l'encéphalite guanidinique expérimentale; encéphalose avec réaction gliale proliférative. Arch. internat. neur., Par., 1935, 55: p. iii-xiv.—**Saunders, J. M.** The action of magnesium in guanidine intoxication. J. Lab. Clin. M., 1935-36, 1: 1236-46.—**Schiltz, F., & Veil, C.** Origine du fonctionnement synchrone et rythmique des fibres d'un muscle empoisonné par la guanidine. C. rend. Soc. biol., 1932, 109: 1190-2.—**Simonini, A.** Comportamento del calcio in animali intossicati con dosi diverse di guanidina. Clin. pediat., Mod., 1931, 13: 177-208.—**Sullivan, M. X.** Further studies on muscular dystrophies, with reference to intoxication by guanidine and simple guanidine derivatives. J. Biol. Chem., 1935, 109: p. lxxxix.—**Szczeklik, E.** [Toxic action of synthalin] Polska gaz. lek., 1927, 6: 395-8. Also Wien. klin. Wschr., 1927, 40: 1075-7.—**Varela, B., Collazo, J. A., & Rubino, P.** Toxicité expérimentale d'un dérivé polyméthylé de la guanidine. C. rend. Soc. biol., 1928, 99: 1444-6.—**Watanabe, C. K.** Studies in the metabolic changes induced by the administration of guanidine bases; the influence of guanidine acidosis on the fat content of the blood. J. Biochem., Tokyo, 1922, 1: 195-200.—**Wodon, J. L.** La reproduction expérimentale de l'éclampsie par l'intoxication par la guanidine. Rev. fr. gyn. obst., 1935, 30: 72-8.—**Zappacosta, M., & Colarusso, A.** I quadri clinici probabilmente riconducibili all'azione fisio-patologica della guanidina. Clin. med. ital., 1935, 66: 891-918.
5. ——— Synthalin. Med. Klin., Berl., 1928, 24: 563; 610.—**Hirsch-Kauffmann, H.** Tierexperimentelle und klinische Studien zur Synthalin B-Frage. Klin. Wschr., 1930, 9: 1631.—**Koschate, J.** Bakteriologischer Beitrag zur Insulin-Synthalinfrage. Zschr. ges. exp. Med., 1931, 76: 508-12.—**Junkmann, K.** Ueber Synthalin. Arch. exp. Path., 1927, 122: 184-94.—**Roháček, L.** [Synthalin] Bratisl. lek. listy, 1927, 6: 567-70.—**Schwab, H.** Sur les substances hypoglycémiantes du groupe des guanidines. Paris méd., 1928, 69: 42-8.—**Staub, H.** Ueber Synthalin. Schweiz. med. Wschr., 1927, 57: 1141. Also Med. Klin., Berl., 1928, 24: 1047-9.—**Weitz, R.** A propos de la synthaline et de l'homonymie regrettable de ce nouveau médicament. J. pharm. chim., Par., 1928, 8. ser., 7: 449-55.
- **Polymethyl diguanidines: Effect.**
- KÜNG, O.** *Zum Synthalin-Mechanismus (Vergleich zwischen Synthalin- und Chininwirkung) [Basel] p.42-64. 8° Zür., 1933. Also Zschr. exp. Med., 1933, 88:
- Blanco Soler.** Influencia del glukhormont sobre la glucemia (nota experimental) Arch. med., Madr., 1928, 28: 568-70.—**Blatherwick, N. R., Sahyun, M., & Hill, E.** Some effects of synthalin on metabolism. J. Biol. Chem., 1927, 75: 671-83.—**Bodo, R., & Marks, H. P.** The relation of synthalin to carbohydrate metabolism. J. Physiol., Lond., 1928, 65: 83-99.—**Boedeker, A., & Junkersdorf, P.** Tierexperimentelle Untersuchungen über die stoffwechselphysiologische Wirkung des Synthalins mit besonderer Berücksichtigung der chemischen Organanalyse. Arch. exp. Path., 1928, 129: 354-66.—**Campanacci, D., & De Filippis, V.** Studi sui derivati guanidici antidiabetici; sintalina e ricambio idrico. Fisiol. & med., Roma, 1931, 2: 251-66.—**Debois, G., Defauw, J., & Hoet, J.** Sur le mécanisme d'action d'un dérivé polyméthylé de la guanidine. C. rend. Soc. biol., 1927, 97: 1420-2.—**Frank, E., Nothmann, M., & Wagner, A.** Ueber die experimentelle und klinische Wirkung des Dodekamethylendguanidins (Synthalin B) Klin. Wschr., 1928, 7: 1996-2000.—**Gavria, I., & Caba, E.** L'action d'un composé polyméthylé de la guanidine sur la glycémie. C. rend. Soc. biol., 1927, 96: 1454.—**Gessner, O.** Ueber Synthalin; die Beeinflussung der Metamorphose unter Schilddrüsenwirkung stehender Amphibienlarven durch Synthalin. Arch. exp. Path., 1927, 128: 223-9.—**Ueber Synthalin; die Beeinflussung der Milchsaurebildung im isolierten Froschmuskel durch Synthalin.** Ibid., 1932, 165: 177-84.—**Gomes da Costa, S. F.** Action cicatrissante d'un dérivé polyméthylé de la guanidine. C. rend. Soc. biol., 1927, 96: 1335.—**Gugliucci, A.** Modificazioni degli elettroliti del sangue nello shock sperimentale da sintalina. Morgagni, 1933, 75: 1563-9.—**Hedon, L., & Vertzman, G.** Action de la synthaline sur le quotient respiratoire du chien totalement dépancréaté. C. rend. Soc. biol., 1928, 98: 1093.—**Hornung, S.** [The effect of von Noorden's Glukhormont on animals] Polska gaz. lek., 1928, 7: 800-2. Also C. rend. Soc. biol., 1928, 99: 1031. Action d'un dérivé polyméthylé de la guanidine sur le chien normal. Ibid., 98: 137-9.—**Karr, W. G., Petty, O. H., & Schumann, C.** Respiratory quotient studies with synthalin (a diguanidyl decamethylene) J. Biol. Chem., 1928, 78: p. xli.—**Kaufmann-Cosla, O., & Vasilco, O.** Experimentelle Untersuchungen in vivo über die Wirkung des Synthalins auf die Oxydation der Zelle. Arch. exp. Path., 1931, 159: 154-62.—**Klein, F., & Weiss, R.** Ueber die Wirkung des Synthalins auf den Gaswechsel. Endokrinologie, 1928, 1: 321.—**La Barre, J., & Destrée, P.** Frénation de la sécrétion externe du pancréas au cours de l'hypoglycémie provoquée par la décaméthylènediguanidine. C. rend. Soc. biol., 1928, 99: 337-9.—**Loránt, S.** [Synthalinwirkung] Med. Klin., Berl., 1927, 23: 192.—**Lourie, E. M., & Yorke, W.** Studies in chemotherapy; the trypanocidal action of synthalin. Ann. Trop. M. Parasit., Liverpool, 1937, 31: 435-45.—**Matavulj, P., & Chahovitch, X.** Action d'un dérivé polyméthylé de la guanidine sur la glucémie chez le lapin. C. rend. Soc. biol., 1927, 97: 1305. Action d'un dérivé polyméthylé de la guanidine sur la teneur du sang en potassium et en calcium. Ibid., 1307. Action d'un dérivé polyméthylé de la guanidine sur le p_h du sang total. Ibid., 1309.—**Monias, B. L.** The action of dekamethylendiguanidin-bitartrate on the blood sugar. Illinois M. J., 1934, 66: 87-91.—**Moracchini, R.** L'influenza della sintalina sulla curva glicemica. Gior. Accad. med. Torino, 1929, 92: 119-42.—**Morais David, A., & Trineao, C.** Action du glukhormont sur la glycémie et la glycosurie. C. rend. Soc. biol., 1928, 98: 1019-21.—**Ochiai, K.** On the histological changes of the organ and tissue, especially of the liver and the kidney caused by synthalin. J. Orient. M., Dairen, 1930, 13: 20. On the influence of synthalin on the lipid substances in the organ and tissue of the animal; on the appearance of the pathological fat in the liver and the kidney. Ibid., 31.—**Oeser, R., & Sachs, W. B.** Tierexperimentelle Untersuchungen über das Verhalten des Zuckerspiegels nach peroraler Darreichung von Glukhormont. Zschr. ges. exp. Med., 1928, 59: 1-9.—**Rathery, F., Kourilsky, R., & Gibert, S.** Action de la décaméthylènediguanidine sur la glycémie du chien normal. C. rend. Soc. biol., 1928, 99: 234-7. Action de la décaméthylènediguanidine sur la glycémie du chien dépancréaté. Ibid., 232-4. Action d'un composé polyméthylé de la guanidine chez le sujet normal et chez le diabétique. Ibid., 1927, 96: 939-41.—**Rathery, F., Millot, J., & Kourilsky.** Etude des modifications histologiques dues à

Polymethyl diguanidines [Synthalin; Glukhormont]

- Bischoff, F., & Long, M. L.** Guanidine structure and hypoglycemia. J. Pharm. Exp. Ther., 1931, 41: 127-37.—**Sahyun, M.** Guanidine structure and hypoglycemia. J. Biol. Chem., 1929, 81: 325-49.—**Braun, C. E., Erit, J. D., & Crooks, G. C.** Guanidine structure and hypoglycemia; some carbocyclic diguanidines. J. Org. Chem., 1938-39, 3: 146-52.—**Braun, C. E., & Ludwig, B. J.** Guanidine structure and hypoglycemia; a branched chain analogue of synthalin. Ibid., 1937-38, 2: 442-6. Guanidine structure and hypoglycemia; some sulfur-containing diguanidines. Ibid., 1938, 3: 16-25.—**Ewing, P. L., & Segenreich, H.** A study of decamethylendiguanidine bitartrate (anticom) J. Lab. Clin. M., 1936-37, 22: 180-3.—**Frank, E.** Ueber eine synthetische Substanz (Synthalin) mit insulinartiger Wirkung. Naturwissenschaften, 1927, 15: 213-

l'acção de la synthaline. *Ibid.*, 97: 523.—**Rosenberg, M.** Haben Synthalin und Insulin Einwirkung auf die Libido und Potenz? *Zschr. ärztl. Fortbild.*, 1930, 27: 768.—**Rubino, P., Collazo, J. A., & Varela, B.** Acción de la sintalina y la insulina sobre el glutatión reducido del hígado y músculo estriado en el conejo. *Rev. As. méd. argent.*, 1928, 41: 587-604. — Acción comparada de la insulina y de la sintalina sobre la riqueza en glucógeno del hígado y del músculo, en el conejo. *Ibid.*, 561-86.—**Simola, P. E.** Ueber die Wirkung des Synthalins im Tierorganismus. *Zschr. physiol. Chem.*, 1927, 168: 274-93.—**Torres, E.** Nota sobre la influencia de la sintalina sobre la glucemia. *Med. ibera*, 1928, 22: 646-8.—**Trincao, C.** Action du glukhormont sur la glycémie adrénalinique. *C. rend. Soc. biol.*, 1928, 98: 1602-4.—**Varela Fuentes, B., Collazo, J. A., & Rubino, P.** Investigaciones experimentales sobre la sintalina: acción sobre la glucemia, la glucogénesis, la glucosuria provocada, el metabolismo azoado, la diuresis, la temperatura, el estado general y su toxicidad en el conejo normal. *Rev. As. méd. argent.*, 1927, 40: 409-49. — Action d'un dérivé polyméthylé de la guanidine sur la glycémie et le glycogène du foie et des muscles. *C. rend. Soc. biol.*, 1928, 99: 1441-3.

— Polymethyl diguanidines: Pharmacology.

Andreu Urria, J., & Querol Navas, F. Sobre el mecanismo de acción de la sintalina. *Arch. med.*, Madr., 1928, 29: 601-4.—**Barboni, U.** Sull'azione della sintalina. *Boll. Soc. eustach.*, 1927, 25: 57-62.—**Barrenscheen, H. K., & Eisler, A.** Zur Theorie der Synthalinwirkung. *Wien. klin. Wschr.*, 1927, 40: 1074.—**Bertram, F.** Zum Wirkungsmechanismus des Synthalins. *Deut. med. Wschr.*, 1927, 53: 2115. Also *Deut. Arch. klin. Med.*, 1927-28, 158: 76-97.—**Dale, H. H., & Dudley, H. W.** An active constituent of the preparation called glukhormont. *Brit. M. J.*, 1927, 2: 1027-9.—**Gessner, O.** Die pharmakologische Bewertung des Synthalins und synthalinhaltiger Pharmaka. *Aerzt. Rdsch.*, 1932, 42: 149-52. — Ueber Synthalin; Beiträge zur Pharmakologie der Guanidinderivate Synthalin und Synthalin-B. *Arch. exp. Path.*, 1929-30, 147: 366-80.—**Hetényi, G.** Beitrag zum Mechanismus der Synthalinwirkung. *Klin. Wschr.*, 1927, 6: 2194.—**Hoet, J.** Synthaline et substance à action d'insuline. *Rev. méd.*, Louvain, 1927, 17-21.—**Jansen, W. H., & Baur, H.** Klinische Erfahrungen mit Synthalin nebst Bemerkungen zum Mechanismus der Synthalinwirkung. *Münch. med. Wschr.*, 1927, 74: 441-5.—**Jarlov, E.** Klinischer Beitrag zur Synthalinwirkung. *Acta med. scand.*, 1928, H. 26, Suppl., 48-51 [Discussion] 61-7.—**Kaufmann, E.** Insulinersatzmittel; über die Wirksamkeit des synthalinfreien Glukhormonts. *Zschr. ges. exp. Med.*, 1928, 61: 222-7.—**Langecker, H.** Der wirksame Bestandteil des Glukhormonts. *Klin. Wschr.*, 1927, 6: 2238; 1928, 7: 159.—**Oestreicher, F., & Snapper, I.** Ueber die Beeinflussung des Phlorrhizindiabetes durch Synthalin. *Ibid.*, 1788-90.—**Peiser, F.** Vergleichende Beobachtungen über Synthalin- und Insulinwirkung. *Med. Klin.*, Berl., 1927, 23: 563.—**Simola, P. E.** Tierversuche mit Synthalin. *Klin. Wschr.*, 1927, 6: 1895.—**Staub, H.** Experimentelle Untersuchungen über Synthalinwirkung. *Zschr. klin. Med.*, 1928, 107: 607-58. — **Jezler, A.** Zum Synthalinmechanismus. *Ibid.*, 1929-30, 112: 1-18.—**Staub, H., & Küng, O.** Zum Synthalinmechanismus. *Klin. Wschr.*, 1928, 7: 1365.—**Weiss, T.** Ist Glukhormont wert, in unseren Arzneischatz aufgenommen zu werden? *Deut. med. Wschr.*, 1928, 54: 1718.—**Zunz, E., & La Barre, J.** A propos du mode d'action de la synthaline. *Bull. Soc. chim. biol.*, Par., 1928, 10: 322-6.

— Polymethyl diguanidines: Therapeutic use.

See also Diabetes mellitus, Treatment; Insulin, Substitutes.

Castex, M. R., & Scheingart, M. El glukhormont en el tratamiento de la diabetes. *Prensa méd. argent.*, 1927-28, 14: 1130-8.—**Dale, H. H., & Dudley, H. W.** Der wirksame Bestandteil des Glukhormonts. *Klin. Wschr.*, 1928, 7: 161-3.—**Dubovsky, B.** Glukhormont in the treatment of diabetes mellitus; a preliminary report. *Med. J. & Rec.*, 1928, 127: 497-500.—**Hijmans van den Bergh, A. A.** [Synthaline, a substitute for insulin] *Meded. Rijks Inst. pharm. ther. onderzoek*, 1926, No. 12, 65-72.—**Hirsch-Mamroth, P., & Perlmann, G.** Das synthetische Guanidinderivat Synthalin in der ambulanten Praxis. *Deut. med. Wschr.*, 1927, 53: 110.—**Hoet, J.** La valeur thérapeutique de la synthaline. *Rev. méd.*, Louvain, 1928, 18-27.—**Iversen, P., & Munck, J.** Synthalin treatment and synthalin action] *Ugeskr. læger*, 1927, 89: 533-9.—**Jacoby, H.** Zur Glukhormontfrage. *Deut. med. Wschr.*, 1927, 53: 2202.—**Kleberg, J.** Die Synthalinbehandlung und ihre Gefahren. *Zschr. klin. Med.*, 1930, 113: 247-54.—**Labbé, M., & Nepveux, F.** Le glukhormont dans le traitement du diabète. *Presse méd.*, 1928, 36: 913-7.—**Ohly, A.** Beitrag zur Dosierung und Indikationsstellung der Synthalinbehandlung in der Praxis. *Fortsch. Ther.*, 1927, 3: 718-21.—**Rathery, F., & Mollaret, P.** Glukhormont et diabète. *Bull. Soc. méd. hôp. Paris*, 1928, 3. ser., 52: 209-18.—**Rubino, P., Collazo, J. A., & Varela Fuentes, B.** Acción de la sintalina sobre el metabolismo del conejo normal; ingestión a pequeñas dosis cotidianas. *Rev. As. méd. argent.*, 1927, 40: 631-43.—**Varela Fuentes, B., & Rubino, P.** La sintalina en el tratamiento de la diabetes: nuevos puntos de vista sobre su acción farmacológica.

lógica. Sem. méd., B. Air., 1928, 35: 1416-26.—**Weiss, R. F.** Mastkuren mit Synthalin. *Deut. med. Wschr.*, 1927, 53: 2083.—**Zadik, P.** Beitrag zur Synthalintherapie. *Ibid.*, 1470.

— urinary.

Caforio, L. La guanidina nelle urine dell'uomo sano e malato. *Riv. pat. sper.*, 1936-37, 16: 289-99.—**Greenwald, I.** On the solubility of some picrates and the determination of guanidines in urine. *Biochem. J.*, Lond., 1926, 20: 665-7.—**Kuen, F. M.** Ueber die Bestimmung der Guanidine und über das angebliche Vorkommen derselben im Tetanieharn. *Biochem. Zschr.*, 1927, 187: 283-306.—**Parenti, P.** Studi sulle guanidine; sull'eliminazione urinaria delle basi guanidiche con speciale riguardo ai nefropazienti e agli ipertesi essenziali. *Riv. clin. med.*, 1936, 37: 83-90.—**Stockholm, M., & Cerecedo, L. R.** On the isolation of guanidine compounds from the urine. *Proc. Soc. Exp. Biol.*, N. Y., 1931, 39: 78.—**Weber, C. J.** The determination of the guanidine bases in urine. *J. Biol. Chem.*, 1928, 78: 465-73.

GUANINE.

Dmochowski, A., Zajdenman, A., & Rabanowska, A. Ueber die jodometrische Bestimmung des Muskelguanins. *Biochem. Zschr.*, 1935, 279: 289-95.—**Følger, A. F.** [Guanin infiltration in various organs, especially the spleen, in cattle] *Aarskr. Vet. Landbohøjsk.*, Kbh., 1918, 244-56.—**Hunter, G.** On the hydrolysis of guanine. *Biochem. J.*, Lond., 1936, 30: 1183-8.—**McFarlane, W. D.** A new guanine hydrolytic product [4- (or 5-) guanidinoglyoxaline] and its hydrolytic product [4- (or 5-) carbamidoglyoxaline] with a note on the dissociation, and ultraviolet absorption spectra. *Ibid.*, 1189-201.—**Peschner, K. E.** Untersuchungen über das Vorkommen und den Stoffwechsel des Guanins im Tierreich. *Zool. Jahrb., Abt. allg. Zool.*, 1938-39, 59: 429-62.—**Robertson, T. B.** A colorimetric method of estimating guanine and its application to the determination of nucleocytoplasmic ratios. *Austral. J. Exp. Biol.*, 1929, 6: 33-58.—**Schmidt, G.** Ueber den Abbau des Guaninkerns durch die Fermente der Kaninchenleber. *Klm. Wschr.*, 1931, 10: 165-7.

GUANO.

See also Fertilizer; Manure.

Beck, J. Le guano naturel. *Ann. falsif.*, Par., 1935, 28: 133-46.—**Chevallier, A.** Note sur le guano du Pérou. *J. chim. méd.*, Par., 1865, 5. sér., 1: 55; 172.

GUANYLIC acid.

See also Nucleic acid.

Buell, M. V., & Perkins, M. E. Crystalline guanine nucleotide. *J. Biol. Chem.*, 1927, 72: 21-6.—**Feulgen, R.** Ueber die Guanylsäure, ihre Darstellung und Fällbarkeit. *Zschr. physiol. Chem.*, 1919, 105: 249-58. — Ueber die Guanylnucleinsäure. *Ibid.*, 1922, 123: 145-58.—**Rossenbeck, H.** Zur Darstellung und Bestimmung der Guanylsäure: die Löslichkeit des guanylsauren Natriums in Salzlösungen und Wasser. *Ibid.*, 1923, 125: 284-8.—**Levene, P. A.** Crystalline guanylic acid. *J. Biol. Chem.*, 1919, 40: 171-4. Also repr.—**Read, B. E.** Guanine mononucleotide (guanylic acid) and its preparation from yeast nucleic acid. *Ibid.*, 1917, 31: 47-53.

GUARANA.

See also Caffeine.

Bertrand, G., & Berredo Carneiro, P. de. Contribution à l'étude chimique de la pâte de guarana. *Ann. Inst. Pasteur*, Par., 1932, 48: 476-80.

GUARDA Alarcón, Héctor. *La pancreatitis aguda y la litiasis biliar [Chile] 49p. 26½cm. Nuñoa, Impr. Jeneral Díaz, 1938.

GUARDA González, Simon. *Anemia hipocromia esencial [Chile] 80p. 22 tab. 26½cm. Nuñoa, Impr. Jeneral Díaz, 1938.

GUARDIA V., Walter. *Action des rayons ultra-violets sur la propriété anaphylactisante du venin de *Crotalus adamanteus*. 25p. 8°. Lausanne, Jordan & Blanc, 1927.

GUARDIONE, Francesco.

Editor of *Buccola*, Gabriele. Scritti. 260p. 8°. Palermo, 1936.

GUARDO, Ricardo C. Antecedentes, títulos, trabajos, y actuación docente. 3 p. l. 15p. 23½cm. [B. Air., 1940]

GUARESCHI, Galileo. Prodotti farmaceutici e chimici presentati al X congresso medico in Modena nel settembre 1882. 10p. 21½cm. Parma, L. Battei, 1882.

GUARIGLIA, M. Un caso di bronchite cronica con asma ricorrente ed enfisema vicario guarito

colla cura di aria compressa nella camera pneumatica. 5p. 22cm. Napoli, L. Vallardi, 1880.

GUARINI, Carlo. La röntgen-terapia in dermatologia, ad uso dei medici e degli studenti. xii, 339p. roy. 8°. Nap., F. Giannini & figli, 1929.
Forms v.2, Bibl. dell'arch. di radiol., Nap., 1929.

GUARINO, Alberto. Le colibacillosi; studio clinico. 88p. 8°. Padova, R. Zannoni [1935]

GUARINONI, Ippolito. 1571-1654.
Z. R. Hippolytus Guarinonius. Wien. med. Wschr., 1939, 89: 586; 607, portr.

GUARNA, Andreas. 16. cent. Grammaticale bellum nominis et verbi regum. p.369-416. 16° [Lugd. B., 1638]

In Script. var. diss. ludier., Leiden, 1638.

GUATEMALA. Dirección general de salubridad. Boletín. Guatemala, v.1, Nos. 20-25, 1931.

GUATEMALA. Ministerio de la Guerra. Reglamento del Hospital Militar. 56p. 16° Guatemala, C. A. [Tipogr. Nac.] 1930.

GUATEMALA.

ASTURIAS, F. *Historia de la medicina en Guatemala. 559p. 4° Guatemala, 1902.

FUENTES-NOVELLA, J. *Contribution à l'étude de la géographie pathologique du Guatemala. 165p. 8° Par., 1934.

MEJIA, J. V. Geografía médico-militar de la República de Guatemala. 195p. 4° [Guatemala, 1928]

MENDIA, L. E. *Contribución al estudio de la organización del cuerpo médico militar en Guatemala. 77p. 8° Guatemala, C. A., 1934.

SAPPER, K. *Die Verapaz im 16. und 17. Jahrhundert; ein Beitrag zur historischen Geographie und Ethnographie des nordöstlichen Guatemala. 46p. 4° Münch., 1936.

SHATTUCK, G. C. A medical survey of the Republic of Guatemala. 253p. 4° Wash., 1938.

Balcárcel, A. H. Consideraciones sobre proyectos de trabajos sanitarios en Guatemala. Bol. san. Guatemala, 1938, 9: 444-53.—**Brehm, V.** La fauna microscópica del Lago Petén, Guatemala. An. Esc. nac. cienc. biol., Méx., 1938-39, 1: 173-203.—**Estévez, C.** La sanidad en Guatemala, año, 1937. Bol. Of. san. panamer., 1939, 18: 1037-9.—**Gaitán, L.** Galería de los hombres de la Sanidad pública de Guatemala; medallones sanitarios. Bol. san. Guatemala, 1939, 10: No. 47, 330-40.—**Guedes, P. E.** Progresos alcanzados por la República de Guatemala en el ramo de sanidad en los últimos 3 años. Bol. Of. san. panamer., 1928, 7: 237-40.—**Kuhn, H. G.** The Tradiciones de Guatemala of José Batres Montufar. Abstr. Theses Univ. Pittsburgh, 1938, 14: 191-4.—**Más trascendentes ponencias en el Congreso, control para medicamentos; un instituto técnico de comprobación; moción de la facultad de farmacia de Guatemala con visos Centroamericanos; otro punto importante: código sanitario de menores por el licenciado Alvaro Idigoras.** Bol. san. Guatemala, 1938, 9: 564-6.—**Muñoz Ochoa, M.** Cambios en la dirección de Guatemala Médica. Guatemala méd., 1940, 5: No. 11, 3.—**Nómina de los cuadros estadísticos proporcionados por la Dirección General de Estadística de Guatemala.** Bol. san. Guatemala, 1939, 10: No. 47, 7-197.—**Nosología; durante el año 1935.** Congr. méd. centroamer., 1936, 4. Congr., 193-7.—**Nueva (La) organización de la salubridad publica.** Bol. Dir. gen. salúb., Guatemala, 1931, 1: 601.—**Raynal.** Quelques notes médicales sur le Guatemala. Ann. méd. pharm. col., Par., 1932, 30: 59.—**Sanidad (La) en Guatemala.** Bol. Of. san. panamer., 1935, 14: 509-11.—**Sanidad (La) y beneficencia en Guatemala.** Ibid., 1936, 15: 425-8.—**Schuller, R.** Das Popol Vuh und das Ballspiel der Klicé-Indianer von Guatemala, Mittelamerika. Internat. Arch. Ethnogr., Leiden, 1935, 33: 105-16.—**Shattuck, G. C.** Health conditions in Guatemala. J. Trop. M. Hyg., Lond., 1939, 42: 89-92.—**Siegel, M.** Religion in western Guatemala; a product of acculturation. Am. Anthropol., 1941, 43: 62-76.—**Smith, A. L., & Shook, E. M.** Investigations in Guatemala. Yearb. Carnegie Inst. Washington, 1940 (1939-40) 39: 269.—**Tax, S.** World view and social relations in Guatemala. Am. Anthropol., 1941, 43: 27-42.—**Ubico, J.** La sanidad en Guatemala. Bol. Of. san. panamer., 1939, 18: 1034; 1940, 19: 849.—**Van Patten, N.** The medical literature of Guatemala. Ann. M. Hist., 1932, n. ser., 4: 91-100.—**Wetmore, A.** Birds of the Guatemalan highlands. Pub. Smithsonian Inst., 1937, No. 3407, 23-30.—**Ydigoras F., A.** Proyecto de Código para Menores. Bol. San. Guatemala, 1938, 9: 290-305.

GUATEMALA médica. Guatemala, v.4, No. 1, 1939—

GUATTANI, Carlo. 1709-73.

Capparini, P. [Biography] In his Profili biobibl. med., Roma, 1928, 2: 94-6, portr.

GUAYAQUIL.

See also Ecuador.

GUAYAQUIL. Proyecto de saneamiento de la ciudad de Guayaquil; junta de canalización y proveedora de agua. 25p. 8° Guayaquil, 1907.

PINO Y ROCA, G. Breves apuntes para la historia de la medicina; sus progresos en Guayaquil. 79p. 8° Guayaquil, 1915.

GUAYAS, Ecuador. Sociedad medico-quirúrgica. Anales. Guayas, v.23, 1932—

GUBAREV, Alexander Petrovich. 1855-1931. Meditsinskoe akusherstvo ili akusherstvo prakticheskovo vracha [Medical obstetrics or obstetrics for the practical surgeon] 328p. 8° Moskva, Gov. Print. Off., 1923.

For biography see J. akush., 1932, 43: 1 (S. Selitzky)

GUBBINS, William Launcelotte. 1849-1925.

Firth, R. Obituary. J. R. Army M. Corps, 1925, 45: 161-6.

GUBERGRITZ, Max. 1887— Fortschritte der funktionellen Pankreasdiagnostik. 70p. 8° Halle, C. Marhold, 1930.

Forms Heft 5, v.11, Samml. Verdauungskr.

GUBERMAN, Charles. *Pharmakologische Untersuchungen einiger aus dem Baldrian hergestellter Extrakte. 16p. 23cm. Bern [n. pub.] 1939.

GUBITZ, Hermann [Alexander] 1902— *Kältebakterien mit besonderer Berücksichtigung ihrer Bedeutung für die Milchwirtschaft (gekürzte Ausgabe) [Kiel] p.407-56. 3 pl. 8° Berl., J. Springer, 1928.

GUBLER, Elisabeth. *Zur Kasuistik der tödlichen elektrischen Schädelverletzungen [Basel] p.406-18. 8° Berl., J. Springer, 1926.

Also Deut. Zschr. gerichtl. Med., 1926, 8:

GUBLER, Fritz. 1901— *Weitere experimentelle Untersuchungen über Vorkommen und Wirkung des Bacillus acidophilus (Plokamobakterium acidophilum necrodentale K. B. Lehmann) bei der Zahnkaries. 31p. 3 pl. 8° Zür., Buchdr. Berichthaus, 1932.

Also Schweiz. Mschr. Zahnh., 1932, 42:

GUBLER, Fritz. 1912— *Der Aufbau der wichtigsten Hengstenfamilien der schweizerischen Jura, Pferdezucht. 59p. 91 tab. 24cm. [Zür., n. pub.] 1938.

GUBLER, Robert. Pocken und Schutzpockenimpfung mit besonderer Berücksichtigung der Verhältnisse in der Schweiz. 55p. 8° Basel, B. Schwabe & Co., 1915.

GUBLER, Robert. 1906— *Die Mundbodenorgane des Wildschweines: Beitrag zur Anatomie von Sus scrofa L. und zum Domestikationsproblem [Zürich] p.129-68. 8° Weimar, R. Wagner Sohn, 1933.

Also Anat. Anz., 1933, 77:

GUBSER, Albert. *Zur Chemie der Leberverfettung [Zürich] 20p. 8° Berl., J. Springer, 1928.

Also Biochem. Zschr., 1928, 198: 65-80.

GUBSER, Eugen. *Ein Fall von spontaner, symptomloser Uterusruptur intra partum [Zürich] 24p. 8° Basel, Zbinden & Hügin, 1928.

GUBSER, Josef. 1902— *Beiträge zu den Pfählungsverletzungen [Zürich] 23p. 8° Uznach, K. Oberholzer, 1932.

GUBSER, Karl. *Ergebnisse der am Zürcher Hygiene-Institut ausgeführten bakteriologischen

Diphtherie-Untersuchungen in den Jahren 1911-25 [Zürich] 31p. 8°. Uznach, K. Oberholzers Erben, 1927.

GUCCI, Giuseppe. Nozioni elementari sopra la retrattiloterapia chirurgica della tubercolosi polmonare. 112p. illust. 8°. Roma, L. Pozzi [1936]

GUCK, Christian, 1906— *Berufsgefährdung bei Arbeitern einer Gas-Anstalt unter besonderer Berücksichtigung der Zähne und der Mundhöhle [München] 22p. 8°. Günzb., K. Mayer, 1937.

GUCKENBURG, Walter, 1909— *Untersuchungen von Dipolflässigkeiten im Hochfrequenzfeld [Jena] 25p. 8°. Borna, R. Noske, 1937.

GUDACKER, Horst Georg, 1905— *Ueber den vor- und frühzeitigen Blasensprung und die Häufigkeit seines Vorkommens bei ehelich Erstgebärenden, unehelich Erstgebärenden und erstgebärenden Hausschwangeren [Berlin] 16p. 8°. Charlottenb., Gebr. Hoffmann, 1936.

GUDDEN, Willy, 1905— *Beitrag zur Kenntnis der familiären amaurotischen Idiotie [Münster] 30p. 8°. Bottrop, W. Postberg [1930]

GUDDEN'S commissure.

See **Brain**, Diencephalon: Tuber cinereum; **Brain**, Fibers, commissural.

GUDE, Fritz, 1900— *Hyperglykämie und Acidose bei aglycosurischem Diabetes. 16p. 8°. Rostock, W. H. Winterberg, 1927.

GUDER, Reinhard, 1910— *Statistisches über Endocarditis und Herzklappenfehler [Breslau] 24p. 8°. Bottrop, W. Postberg, 1936.

GUDERIAN, Hans, 1905— *Ueber phlegmonöse Folgezustände nach Zahnerkrankungen und Zahnextraktionen. 23p. diagr. 8°. Königsb.-Pr. [n. pub.] 1930.

GUDERLEY, Herbert [Karl] 1906— *Ueber Hydrocele muliebris mit Berücksichtigung der extraperitonealen Zysten der runden Mutterbänder. 37p. 8°. Berl., F. Linke, 1936.

GUDEWILL, Ernst, 1898— *Ein Beitrag zur Entstehungsgeschichte der Placenta biloba. 15p. 8°. Bresl. [n. pub.] 1927.

GUDGER, Eugene Willis, 1866— Foreign bodies found embedded in the tissues of fishes. p.452-7. 8°. N. Y., 1922.

— The cadorú; the only vertebrate parasite of man. xvii, 120p. pl. 8°. N. Y., P. B. Hoeber, 1930.

GUDJONS, Walter, 1908— *Psychopathische Zustände als Frühsymptome ernsterer psychischer Leiden; nach Katamnesen jugendlicher Psychopathen. 29p. 20½cm. Königsb.-Pr., J. Raabe, 1936.

GUDJONSSON, Skúli V. Experiments on vitamin A deficiency in rats and the quantitative determination of vitamin A. 189p. 8°. Kbh., Levin & Munksgaard, 1930.

Forms Suppl. 4, Acta path. microb. scand.

GUDMUNSEN, Thordur, 1848-99. Miller, W. S. The Icelandic doctor of Washington Island. Wisconsin M. J., 1939, 38: 404-9, portr.

GUDYS, Joseph, 1908— *Les rétinites stellaires pseudo-néphritiques. 67p. 8°. Par., Picart, 1936.

GUDZENT, Friedrich, 1878— Gicht und Rheumatismus; ein Lehrbuch für Aerzte und Studierende. x, 189p. 8°. Berl., J. Springer, 1928.

— Die Klinik und Behandlung der chronisch-rheumatischen Gelenkerkrankungen. 22p. 8°. Berl., H. Kornfeld, 1929.

Forms Heft 401, v.36, Berl. Klin.

— Die Radiumtherapie, Methoden und Aussichten. vi, 106p. 8°. Dresd., T. Steinkopff, 1929.

— Gicht, Rheuma, Aufbrauchskrankheiten. 152p. 8°. Dresd., 1935.

Forms Bd 1, Brambacher Internat. Aerzt. Fortbildungskurse, Dresd., 1935.

GUEBEL, Roger, 1909— *Recherche sur la tolérance de l'appareil optique à l'acétylsan. 77p. 8°. Par., Univ. France, 1936.

GUEBEN, Georges. *Action du rayonnement du radium sur les diélectriques solides. 56p. 8°. Brux., M. Lamertin, 1929-30.

Forms No. 3, 11: Mém. Collect. Acad. roy. Belgique, Cl. sc.

GUECKEL, Gertrud, 1911— *Ein Beitrag zur Kasuistik der Ichthyosis congenita. 44p. 21cm. Erlangen, M. Döres, 1938.

GUECKEL, Walter, 1907— *Die Pathogenese und Klinik der primären Lungentumoren (eine Studie an Hand einschlägiger Fälle) [Bonn] 31p. 8°. Euskirchen, Volksbl.-Dr., 1936.

GUEDE, Georges. *Traitement des fractures de la cavité cotyloïde avec pénétration intrapelvienne de la tête femorale par l'appareil de Leveuf. 55p. 8°. Par., M. Vigné, 1934.

GUEDE, Marcel, 1900— *L'alimentation des nourrissons au cours des infections. 96p. 8°. Par., L. Arnette, 1932.

GUEDEL, Arthur E[rnest] 1883— Inhalation anesthesia; a fundamental guide. xiv, 172p. 8°. N. Y., Macmillan, 1937.

GUEDENEY, Pierre Jules Alfred, 1914— *L'intoxication par le sulfure d'éthyle dichloré; essai pathogénique. 88p. 24cm. Par., A. Legrand, 1939.

GUEDER, Ernest, 1863-1935. Thomas, E. Nécrologie. Rev. méd. Suisse rom., 1935, 55: 363-5.

GUEDES, Ramiro. *Pathogenia da eclampsia puerperal e seu tratamento pelo bromureto de potassio. 89p. 12°. Lisb., Impr. nacional, 1928.

GUEDJ, André, 1910— *Traitement par l'acide succinique de l'acidose diabétique. 37p. 24½cm. Par., A. Legrand, 1938.

GUEDON, Pierre, 1899— *Contribution à l'étude des tuberculomes thalamiques. 64p. 2 pl. 8°. Par., Impr. Kapp, 1928.

GUEGAN, Yves, 1913— *Troubles endocriniens et troubles fonctionnels digestifs. 65p. 24½cm. Par., E. Le François, 1939.

GUEGUEN, Charlotte Jeanne Eugénie Nathalie, 1913— *Contribution à l'étude du traitement chirurgical du pyosalpinx perforé en péritoine libre. 73p. 8°. Par., Jouve & cie, 1937.

GUEGUEN, Pierre Maurice, 1913— *Cure de l'hypospadias balanique par le procédé de M. le professeur Duvergey. 41p. 25cm. Bordeaux, Delmas, 1938.

GUELDEHAUPT, August, 1883— *Ueber die Verwendbarkeit von Purgin und Purgatin in der Tierheilkunde [Bern] 55p. 8°. Borna, R. Noske, 1911.

GUELDER, Fritz, 1898— *Ueber einen Fall von Mammacarcinom-Metastase im Unterkiefer [Leipzig] 27p. 8°. [Zeulenroda, A. Oberreuter] 1927.

GUELDER, Louis Henry, 1911— *A review of 77 cases of carcinoma of the oesophagus

[Marquette Univ.] 13p. 8°. Wauwatosa, Wis., 1936.
Typewritten.

GUELICH, Karl Heinrich, 1909— *Die Cholezystographie und ihre diagnostische Bedeutung für die Chirurgie. 32p. 8°. Jena, G. Neuenhahn, 1937.

GUELKER, Emil, 1909— *Einfluss der Pubertät auf den Beginn der Zahnkaries [Würzburg] 18p. 8°. Bochum, H. Pöppinghaus, 1936.

GUELKER, Eugen, 1909— *Mitteilung von 5 Fällen von Pachymeningitis haemorrhagica interna, zugleich ein Beitrag zur Pathogenese [Kiel] 28p. 23½cm. Bottrop, W. Postberg, 1935.

GUELKER, Hans, 1906— *Der heutige Stand der Lumbalanaesthesia (nach der deutschsprachigen Literatur von 1919–30) 48p. iv, 8°. Würzb. [n. pub.] 1931.

GUELLAND, Werner [Gerhard] 1900— *Zur Ekzemfrage [Göttingen] 32p. 2 l. 8°. Rostock, Adlers Erben, 1927.

GUELLENSTERN, Anton, 1909— *Der Keimgehalt an der Oberfläche von Früchten [Münster] 18p. 8°. Quakenbrück, R. Kleinert, 1934.

GUELLER, Karl Heinrich, 1910— *Ein eigenartiger Fall multipler fötaler Missbildungen; Bauchspalte, Aplasie des rechtsseitigen Urogenitaltrakts, Monopodie, Rachischisis, Myelocystocele, Persistenz einer Kloake. 28p. 2 l. pl. 22½cm. Zür., Gebr. Leemann & Co., 1937.

GUELPA, Guillaume, 1850— Dartigues, L. [Biography] In Fasc. script. (Dartigues, L.) Par., 1932, 3: 281–4.

GUELZOW, Hans, 1906— *Das Blutbild, die Blutkörperchenreaktion und der Blutdruck beim Morbus Basedow und den Thyreotoxikosen. 23p. 22cm. Greifsw., H. Adler, 1938.

GUELZOW, Martin. Die Röntgenbestrahlung des Morbus Basedow und der Thyreotoxikosen mit Berücksichtigung der dabei auftretenden Schädigungen. 63p. illust. 8°. Greifsw., L. Bamberg, 1935.

GUEMPPEL, Herbert, 1906— *Vergleichende hygienisch-bakteriologische Untersuchungen über Inspirol. 17p. 4 ch. 8°. Würzb., R. Mayr, 1932.

GUENARD, Raymond André, 1911— *Sclérose en plaques avec localisations sur les noyaux gris centraux, aspects cliniques. 99p. 8°. Par., V. Degrange, 1937.

GUENDER, Hans, 1903— *Die Vor- und Nachbehandlung bei der Wurzelspitzenresektion [Heidelberg] 20p. 8°. Bottrop, W. Postberg, 1933.

GUENDER, Richard, 1912— *Gerinnungsprüfungen in einer grossen, bisher nicht beschriebenen Blutersippe [Berlin] 71p. ch. 25½cm. Münch., J. F. Lehmann, 1938.

Also Arch. Rassenb., 1938, 32:
GUENIKER, Willi, 1907— *Zur Therapie inficiert und nicht inficiert Extraktionswunden unter Berücksichtigung der Infiltrationsanästhesie und Ersatz des Adrenalins durch Prostagmin [Münster] 24p. 2 tab. 21cm. W. Elberfeld, J. H. Born, 1936.

GUENIN, Pierre Jean, 1911— *Le pronostic des cancers du sein. 194p. 25½cm. Par., L. Arnette, 1939.

GUENIOT, Alexandre, 1832–1935. Pour vivre cent ans, ou l'art de prolonger ses jours. 210p. 12°. Par., J. B. Baillière & fils, 1931.

For biography see Bull. Acad. méd., Par., 1935, 3. ser., 114: 114–6 (Jeanin) Also Bull. Soc. nat. chir., Par., 1935, 61:

1028. Also Gynécologie, 1935, 34: 535 (H. Roulland) Also Gyn. obst., Par., 1935, 32: 193–5, portr. (A. Brindeau) Also Paris méd., 1935, 98: annexe, 401, portr. (A. Apert).

See also A French medical centenarian (from our correspondent in Paris) Brit. M. J., 1932, 2: 936.—**P., L. M.** Le centenaire du Professeur A. Guéniot à l'Académie de médecine de Paris. Rev. fr. gyn. obst., 1932, 27: 771.

GUENNEC, Jean Yves, 1912— *Conduite à tenir dans les cas de volumineuses hernies scrotales chez l'adulte et le vieillard. 90p. 25cm. Bord., Delmas, 1937.

GUENSCHMANN, Hans, 1910— *Die Veränderungen der Harnblase bei weit vorgeschrittenem Uteruskarzinom. 30p. 3 pl. 22cm. Marb., J. Hamel, 1936.

GUENSEL, Eberhard, 1908— *Ueber das Verhalten der Extraktivstoffe bei der spezifisch dynamischen Wirkung des Fleisches. 15p. ch. 8°. Bresl., Genossenschafts-Buchdr., 1936.

GUENTERT, Gerhart, 1908— *Die Erschliessung der Wurzelkanäle auf Grund von Untersuchungen über die Wirkungsweise der gebräuchlichsten Wurzelkanalinstrumente im makro- und mikroskopischen Bilde. 60p. 8°. Bonn, P. Kubens, 1932.

— *Peroneuslähmungen nach Schenkelhalsnagelung und Brüchen des Wadenbeinköpfchens. 27p. 8°. Königsb.-Pr., J. Raabe, 1935.

GUENTHEL, Martin, 1907— *Ueber die Narkose in der zahnärztlichen Praxis [Leipzig] 28p. 8°. Zeulenroda, A. Oberreuter, 1933.

GUENTHER, Adolf, 1909— *Zur Wirkung des kolloidalen Schwefels. 17p. 8°. Königsb.-Pr., J. Raabe, 1935.

GUENTHER, Albert von, 1906— *Ein Beitrag zur Kasuistik der Vaginalzysten [München] 17p. 8°. Borna, R. Noske, 1931.

GUENTHER, Alfred, 1909— *Statistische Erhebung zur Frage des Zusammenhangs zwischen Condylomata acuminata und Gonorrhoe. 28p. 8°. Münch., Bayer. Druck & Verl. Anst., 1934.

GUENTHER, Arnold. *Zur Casuistik der leukämischen Mediastinaltumoren. 24p. 8°. Zür., Zürcher & Furrer, 1876.

GUENTHER, Carl von, 1908— *Ueber die Geschichte und das Wesen des Versehens der Schwangeren. 76p. 21cm. Erlangen, M. Döres, 1936.

GUENTHER, Carl Oscar, 1854–1929. Richter, A. P. F. Nekrolog. Zbl. ges. Hyg., 1929–30, 20: H. 5.

GUENTHER, Claus, 1909— *Beitrag zur Kenntnis des Melanosarkoms der Iris. 21p. 8°. Königsb.-Pr., J. Raabe, 1935.

GUENTHER, Erich, 1909— *Durchleuchtung und Röntgenbild bei der Entzündung der Nasennebenhöhlen [Marburg] 23p. 23cm. Giessen, W. Herr, 1937.

GUENTHER, Erich, 1912— *Inwieweit ist die Zahnkaries ein Produkt der Zivilisation? 50p. 8°. Tüb., A. Becht, 1935.

GUENTHER [Ernst] Theodor, 1897— *Die Neuritis retrobulbaris vor, in und nach dem Kriege, mit besonderer Berücksichtigung der Tabak-Alkohol-Amblyopie (Auszug) Sp. 8°. Lpz., Hesse & Becker, 1923.

GUENTHER [Franz Otto] Herbert, 1911— *Das Gewichtsverhalten neugeborener Kälber beim schwarzbunten Tieflandrind. 47p. tab. 21cm. Lpz., A. Edelmann, 1936.

GUENTHER, Fritz, 1911— *Elektrodiagnostische Untersuchungen; Wechselstrom-Chronaxien am Gesunden. 35p. 21cm. Lpz., H. Eschenbacher, 1936.

- GUENTHER, Gerhard, 1899-** *Ueber die Entwicklung des Penis beim Kaninchen [Halle] p.275-333. 8° Berl., J. Springer, 1927. Also Zschr. Anat. Physiol., 1. Abt., 1927, 84:
- GUENTHER, Gerhard, 1912-** *Wundbehandlung mit Desitin-Honigsalbe. 36p. 21cm. Lpz., A. Edelmann, 1937.
- GUENTHER, Gottfried Wilhelm, 1909-** *Speicheldrüsen bei Leukämie. 25p. 8° Berl., R. Pfau [1934]
- GUENTHER, Gustav, 1868-** Die tierärztliche Hochschule in Wien; ihre Geschichte, ihre Institute und Einrichtungen. 84p. pl. 4° Düsseld., F. Lindner [1930]
- GUENTHER [Gustav Otto] Fritz, 1913-** Der* paralytische Hackenfuss und seine Behandlung. 28p. 23½cm. Lpz., A. Edelmann, 1937.
- GUENTHER, Hanna [Luise] 1910-** *Das Verhalten des respiratorischen Quotienten (RQ) bei Atmung atmosphärischer Luft und reinen Sauerstoffs [Halle] 19p. 8° Würzb., R. Mayr, 1936.
- GUENTHER, Hans, 1884-** Die Lipomatosis und ihre klinischen Formen; ein Beitrag zur Physiologie und Pathologie des Fettgewebes. 2 p. l. 216p. 5 pl. 8° Jena, G. Fischer, 1920. Forms Heft 5, Arb. med. Klin. (A. von Strümpell) Lpz.
- Ueber Konstitutionstherapie. 32p. 8° Lpz., H. Kornfeld, 1929. Forms Heft. 410, 36; Berl. Klin.
- Die wissenschaftlichen Grundlagen der Hunger- und Durstkuren. iv, 171p. 8° Lpz., S. Hirzel, 1930.
- Normale und pathologische Morphologie der Erythrozyten. p.1-98. 8° Berl., Urban & Schwarzenberg, 1932. In Bd 1, 1. Hälfte, Handb. allg. Hämat. (Hirschfeld H., & Hittmair, A.)
- Die Variabilität der Organismen und ihre Normgrenzen. 132p. tab. ch. 8° Lpz., G. Thieme, 1935.
- GUENTHER, Hans F. K., 1891-** Rassenkunde des deutschen Volkes [16. Aufl.] viii, 509p. illust. 8° Münch., J. F. Lehmann, 1934. Also repr.
- GUENTHER, Hans R. G., 1898-** Editor of Neue deutsche Forschungen. 4v. 8° Berl., 1936-39.
- GUENTHER, Heinrich, 1904-** *Ueber Nierenmissbildungen unter besonderer Berücksichtigung der gekreuzten Nierendystopie. 27p. 8° Marb.-L., K. Euker, 1931.
- GUENTHER [Heinrich Emil Oskar] Wolfgang, 1911-** *Ueber den Einfluss der Appendizitis auf die Adnexe der Frau [Königsberg] 25p. 8° Bautzen, Gebr. Müller, 1937.
- GUENTHER, Heinz [Arno Joachim] 1909-** *Ueber den prothetischen Ersatz der fehlenden Prämolaren und Molaren betrachtet vom Standpunkt der biologischen und funktionellen Wertigkeit des Ersatzes [Berlin] 30p. 8° Rochlitz, E. Vetter, 1936.
- GUENTHER, Heinz [Gottfried] 1912-** *Untersuchungen über die Anwendung von Larocein zur Lokalanästhesie mittels Elektrophorese [Leipzig] 15p. 23½cm. Zeulenroda, A. Oberreuter, 1937.
- GUENTHER, Helmuth, 1904-** *Ueber einen Fall von Magenkrebs bei einem Pferde [Giessen] 21p. 8° Dortmund, H. Pöppinghaus, 1931.
- GUENTHER, Herbert, 1903-** *Zur Diagnose der Darmtuberkulose; die Methode von Triboulet [Berlin] 49p. 8° Charlottenb., Gebr. Hoffmann, 1936.
- GUENTHER, Herbert, 1913-** *Die Wirkungen der Röntgenstrahlen auf die Schleimhäute der Mundhöhle [München] 20p. 20½cm. Günzburg, K. Mayer, 1937.
- GUENTHER, Horst [Kurt] 1909-** *Konrad Gesner als Tierarzt. 61p. 8° Lpz., A. Edelmann, 1933.
- GUENTHER, Johann Joachim, 1902-** *Die Bakterienflora im Sperlingsdarm [Kiel] 17p. 8° [Hagenow, P. Schlüter] 1926.
- GUENTHER, Johannes, 1897-** *Meralgia paraesthetica oder Bernhardt'sche Sensibilitätsstörung. 16p. 8° Bresl. [n. pub.] 1925.
- GUENTHER, Johannes, 1906-** *Röntgenuntersuchungen beim sogenannten Stauungskatarrh des Magens. 23p. 2 pl. 23cm. Lpz., A. Edelmann, 1936.
- GUENTHER, Kurt, 1902-** *Ueber beidseitige angeborene Speichenverrenkung an der Hand einer Beobachtung der Chirurgischen Klinik in München. 17p. pl. 8° Münch., R. Müller & Steinicke, 1927.
- GUENTHER, Martin, 1903-** *Die Abnahme der Rachitis im Verlauf der letzten 10 Jahre, statistisch dargestellt an Hand des Krankenmaterials der Universitätskinderklinik der Charité zu Berlin [Berlin] 25p. 8° Charlottenb., Gebr. Hoffmann, 1932.
- GUENTHER [Martin] Gerhard, 1911-** *Granuloma teleangiectaticum oder pediculatum [Erlangen] 19p. 22½cm. Würzb., K. Triltsch, 1935.
- GUENTHER, Oscar Frederick, 1891-** *Skull fracture; an analysis of 71 cases [Univ. Wisconsin] 19p. 4° Milwaukee, 1925-26. Typewritten.
- GUENTHER, Otmar, 1897-** *Wachstums- und Auflösungsversuche am Kalium-Chrom- und Ammonium-Aluminium-Alaun. 67p. 3 pl. 21 tab. fol., Kiel, 1929. Mimeographed.
- GUENTHER, Otto, 1900-** *Das Gewicht der Neugeborenen in der Kriegs- und Nachkriegszeit. 16p. 8° Münch., R. Müller & Steinicke, 1927.
- GUENTHER, Otto, 1904-** *Beitrag zur chemischen Charakteristik und biologischen Wirkungsweise eiweissfreier Milzextrakte. 23p. 8° Münch., L. Schnitzler & Co., 1932.
- GUENTHER, Paul, 1903-** *Untersuchungen über die Einwirkung von Kohlendioxyd auf die Alkalicarbide Na₂C₂ und K₂C₂. 37p. 8° Trier, C. Axt & cie, 1933.
- GUENTHER, R[obert William Theodore] 1869-** See Ashmole, Elias. The diary and will of Elias Ashmole. 183p. 8° Oxf., 1927.
- GUENTHER, Rosemarie, 1909-** *Ueber die Bedeutung von Missbildungen der Regenbogenhaut für das Entstehen des primären Glaukoms [Frankfurt a. M.] 27p. 8° Berl., R. Pfau, 1937.
- GUENTHER, Ulrich, 1911-** *Ueber die Entgiftung des Natriumoxalates durch Calciumsalze [Halle] 27p. 8° Bleicherode, C. Nieft, 1935.
- GUENTHER, Ursula, 1914-** *Zur Geschichte der Gewürznelke bis zum Ende des Mittelalters; Eugenia caryophyllata Thunb. oder Caryophyllus aromaticus L. 27p. 22cm. Lpz., H. Arnold, 1937.
- GUENTHER, Walter, 1909-** *Ein Beitrag zu den Untersuchungen über Plokambakterien (kritische Studien der gesamten Literatur und Mitteilung eigener Beobachtungen)

[Würzburg] 13p. 8°. Ochsenfurt, Fritz & Rappert, 1933.

GUENTHER, Walter [Otto August] 1904—

*Ueber die Häufigkeit der fötalen Gesichtsspalten. 28p. 8°. Lpz. [n. pub.] 1931.

GUENTHER, Winifried, 1910— *Das Vorkommen von Fermenten im Liquor cerebrospinalis und in der Haut unter besonderer Berücksichtigung syphilitischer Erkrankungen. 23p. 8°. Freib. i. B., K. Huber [1934]

GUENTHER, Wolfgang, 1901— *Ueber die Entwicklung der accessorischen Geschlechtsdrüsen beim Kaninchen [Halle] 26p. 21cm. Bielefeld, Beyer & Hausknecht, 1936.

GUENTSCHKE, Horst, 1909— *Ueber die Dentitio difficilis des unteren Weisheitszahnes und ihre Therapie unter besonderer Berücksichtigung des Panthesin-Balsams [Heidelberg] 24p. 8°. Rudolstadt, W. Kolditz, 1932.

GUENTZ, Eduard. Schmerzen und Leistungsstörungen bei Erkrankungen der Wirbelsäule. 171p. 8°. Stuttg., F. Enke, 1937.
Forms Beilh., 67: Zschr. Orthop.

GUENTZ [Gustav] Eduard, 1903— *Beiträge zur operativen Behandlung frischer Herzverletzungen [München] 32p. 8°. [Grossenhain, H. Plasnick] 1927.

GUENZBURG, Jacob, 1888— *Ueber die Bechterewsche Krankheit bei Jugendlichen. 22p. 8°. Berl., R. Pfau, 1933.

GUENZBURG, Liberal. *Auscultation und Percussion des Herzens im gesunden und krankhaften Zustande, nach den Ansichten von Williams, mit Bemerkungen nach jenen von Skoda, nebst einer tabellarischen Uebersicht aller Herz-, Arterien- und Lungenkrankheiten, und einem entsprechenden Kupferabdrucke, die Gegenden des Brustkorbes darstellend. 38p. pl. 8 tab. 21cm. Wien, J. de Hirschfeld, 1842.

GUENZBURGER, Gertrud, 1898— *Ein Fall von Myasthenia gravis pseudoparalytica mit Störungen im Kohlehydratstoffwechsel. 39p. 8°. Freib. i. B. [n. pub.] 1925.

GUENZEL, Horst [Willibald] 1913— *Ueber die Resorption von Lösungen im Dünndarm, die gleichzeitig Kaliumchlorid und ein Erdalkalichlorid enthalten. 16p. 23cm. Lpz., A. Edelmann, 1937.

GUENZEL, Werner, 1909— *Ueber die Lokalisation des Kephalaematoms im Verhältnis zur Kindslage. 25p. 8°. Königsb.-Pr., J. Raabe, 1934.

GUEPE, John William, 1910— *The treatment of burns [Univ. Wisconsin] 18p. 8°. Wauwatosa, Wisconsin, 1936.
Typewritten.

GUEPIN, A[nge] J[ean] 1866— Colloïdité (précipitations périodiques, immunité et aphyxie) p. l. 110p. 24cm. Cannes, Heywang [1937]

GUERARD, Joseph, 1865—1936.
Potvin, A. R. Obituary. Bull. Soc. méd. hôp. Québec, 1936, 1: 7-9, portr.

GUERAUD, Louis, 1915— *Traitement de la pelade par injections intradermiques d'histamine. 49p. 25½cm. Par., L. Arnette, 1940.

GUERBER, A[ugust] 1864—
See Schenk, F., & Gürber, A. Leitfaden der Physiologie des Menschen [&c.] 309p. 25 Aufl. 8°. Stuttg., 1930.

GUERBET, Marcel, 1861—1938.
Fabre, M. Nécrologie. J. pharm. chim., Par., 1939, 8. sér., 29: 280-8, portr.

GUERCHE, Marcel, 1889— *Paraspasme facial bilatéral. 52p. 8°. Par., Jouve & cie, 1931.

GUERCHOUX, André Jules, 1899—

*Etude clinique des troubles vésicaux et rénaux au cours de l'appendicite. 35p. 8°. Par., L. Arnette, 1929.

GUERET, André Marie Joseph, 1910—

*Le traitement des pneumococcies par le α- p-aminobenzène sulfamido-pyridine. 68p. 24cm. Par., J. Guyot & cie, 1939.

GUERICH, Hellmuth Arthur Lothar, 1908—

*Schwangerenberatung und Klinik. 26p. 8°. Berl., R. Pfau, 1935.

GUERICOLAS, Henry, 1908— *Les septiciémies dans les suppurations amygdaliennes. 105p. 25½cm. Lyon, M. & L. Riou, 1939.

GUERIN, Albert, 1908— *Contribution à l'étude du traitement des fractures bi-malléolaires vicieusement consolidées. 159p. 24cm. Marseille, Petit Marseillais, 1934.

GUERIN, Alphonse François Marie, 1816—95.
Wilson, J. C. [Biography] Ann. M. Hist., 1930, n. ser., 2: 267-71.

GUERIN, André, 1906— *L'opothérapie thymique (état actuel de nos connaissances) 42p. 8°. Par., Jouve & cie, 1937.

GUERIN, Christian, 1912— *Contribution à l'étude de l'acidose salicylée. 44p. 8°. Par., Jouve & cie, 1937.

[GUERIN, François] Discours chrétien sur l'établissement de l'hôpital général de la ville d'Orléans. 59p. 8°. Orléans, François Hotot, 1672.

GUERIN, Georges Armand, 1911—

*Traitement de la gangrène sénile par les injections de sérum chloruré hypertonique [Paris] 59p. 8°. Rennes, Impr. Commerciale L'Ouest-Eclair, 1937.

GUERIN, Henri, 1900— *Pachysynovite hémorragique du genou (contribution à l'étude des hémarthroses chroniques) 65p. 8°. Par., M. Vigné, 1928.

GUERIN, Henri, 1916— *Considérations sur la prophylaxie des brucelloses. 24p. 24cm. Par., Massot, 1939.

GUERIN, Henry René, 1901— *Notions pratiques de transfusions sanguines. 79p. 8°. Par., Vigot frères, 1927.

GUERIN, James J., 1856—1932.
Fortier, L. E. [Nécrologie] Union méd. Canada, 1933, 62: 1-5, portr.—Kennedy, E. J. C. [Nécrologie] Ibid., 6-8.

GUERIN, Jean, 1877— *Soins hygiéniques de la bouche et particulièrement de la dentition chez les petits animaux [Alfort] 61p. 8°. Par., Ed. Rev. nos Animaux, 1930.

GUERIN, Jean, 1907— *Etude sur les tests d'intelligence, de caractère et d'aptitude professionnelle. 48p. 8°. Par., M. Vigné, 1935.

GUERIN, Jean, 1911— *L'ostéothorionécrose tardive des maxillaires. 60p. 8°. Par., Vigot frères, 1935.

GUERIN, Jean Georges Eymard, 1909—

*Pathologie de Honoré de Balzac. 54p. 24½cm. Par., M. Vigné, 1938.

GUERIN, Jeanne, 1912— *Sur un cas de syndrome de Klippel-Feil avec maladie cutanée de Recklinghausen et hémiplegie congénitale. 62p. pl. 24cm. Par., Le François, 1939.

GUERIN, Leon Henry, 1900— *Sinus thrombosis [Milwaukee Hosp.] 12p. 4°. Milwaukee, Wisc., 1927-28.
Typewritten.

GUERIN, M.
See Oberling, C., & Guérin, M. Cancer du pancréas. 363p. 8°. Par., 1931.

GUERIN, Maurice, 1897— *Contribution à l'étude étiologique de l'acanthome infectieux

(végétations, condylomes acuminés, papillomes [etc.]) 118p. 8° Par., A. Legrand, 1926.

GUERIN, Maurice Emmanuel, 1898—
*Noma, après injections intra-musculaires mercurielles compliqué de constriction de la mâchoire; pathogénie et traitement. 35p. 8° Par., Ed. Sem. Dent., 1926.

GUERIN, Paul, 1899— *Contribution à la défense de la profession médicale; l'état contre le médecin; vers une renaissance corporative. 310p. 8° Par., N. Maloine, 1928.

GUERIN, Paul, 1899— *Sur une forme anatomique du cancer du sein; la forme hémorragique. 29p. 2 pl. 8° Par., A. Legrand, 1933.

GUERIN, Philippe, 1898— *Sarcomes du vagin chez l'adulte. 72p. 8° Par., Jouve & cie, 1926.

GUERIN, Suzanne, 1900— *Contribution à l'étude du traitement thyroïdien dans les cachexies des nourrissons. 88p. 8° Par., Jouve & cie, 1930.

GUERIN'S fracture.

See Maxilla, Fracture.

GUERIN-VALMALE, C., 1872-1937.
Brindeau, A. Néerologie. Gyn. obst. Par., 1937, 35: 303, portr.—Fiole. Allocation prononcée aux funérailles de M. Guérin-Valmale. Bull. Soc. gyn. obst. Paris, 1938, 27: 71.

GUERKOFF, Metodi, 1902— *Ueber die Ballungsreaktion von R. Müller [München] 23p. 8° Sofia [n. pub.] 1929.

GUERLIN, Marie, 1892— *Contribution à l'étude de l'influence de l'insuline sur la glycosémie et la combustion des sucres. 39p. 24cm. Par., Le François, 1939.

GUERLOT, Albert Edmond, 1905— *Prognostic actuel du diabète compliqué de tuberculose. 82p. 8° Par., L. Arnette, 1929.

GUERNICA-ROUX, Eduardo, 1907—
*Contribution à l'étude du traitement des grossesses extra-utérines après le cinquième mois. 61p. 8° Par., Ed. Véga, 1934.

GUERNSEY, William Jefferson. Homoeopathic therapeutics of haemorrhoids. 2. ed. vi, 142p. 8° Phila., Boericke & Tafel, 1892.

GUERNSEY. Medical Officer of Health. Annual report. Guernsey, 12.-35., 1910-33; 38., 1936.

GUERON, Isidore, 1910— *Contribution à l'étude de la grippe, étiologie, prophylaxie, traitement. 78p. 23½cm. Par., L. Rodstein, 1938.

GUEROULT, Albert, 1915— *Quelques acquisitions récentes dans le traitement de la blennorrhagie féminine. 50p. 25½cm. Par., Vigot frères, 1939.

GUERRA, Domingo Marrero, 1903—
*Traitement de la tuberculose pulmonaire par les injections intra-musculaires de sels de chaux gluconate. 62p. ch. 25cm. Montpel., Mari-Lavit, 1934.

GUERRA, Pablo, 1903— *Rôle des levures en dermatologie. 54p. 8° Par., Vigot frères, 1935.

GUERRA Carneiro, Joaquim Jose da. *Estudo sobre as hemorragias traumáticas de origem palustre. 79p. 8° Lisb., Typ. Nova Minerva, 1880.

GUERRA-FONSECA, Pedro, 1904—
*Contribution à l'étude de la néphrite aiguë; consécutive à une injection de vaccin polymicrobien. 38p. 8° Par., Jouve & cie, 1933.

GUERRA Loyola, Julia. *Determinación del fósforo inorgánico en la sangre [Chile] 40p. 8° Santiago, Impr. & Litogr. La Unión, 1931.

GUERRA Sánchez, Amador. Elementos de técnica operatoria. illust. 27½cm. Habana, P. Fernández y cia, 1938.

GUERRA (La) y su preparación. Madr., v.18-31, 1926-31.

Continued as Revista de estudios militares.

GUERRE, Alfred, 1903— *La brucellose à mélitocoque et bacille de Bang dans les Pyrénées Orientales. 47p. 8° Par., M. Vigné, 1932.

GUERRERO, Mariano, 1912— *Zur Kenntnis der anchiopodalen Missbildungen; ein Beitrag zur Lehre von den sirenoiden Monstren [Göttingen] 19p. pl. 21cm. Münst., Dr. Westfälisch. Vereinsdr., 1937.

GUERRERO Pérez, Eusebio, 1881—
*Etude sur le traitement de la lèpre. 184p. 8° Par., J. Roussel, 1915.

GUERRIERI, A. Pierre, 1906— *Etude sur la longévité des parasites du paludisme; méthodes de recherche, leur intérêt. 108p. 8° Par., M. Vigné, 1932.

GUERRIERO da Silva Frederico Vaz Pontes, Manoel. *Tratamento dos aneurismas circunscritos. 59p. 8° Lisboa, Nova Minerva, 1881.

GUERRINI, Guido, 1878— Lo strapazzo fisico. 32p. 16° Milano, Ravà & C., 1915.

— Costituzione e malattie infettive; prolusione al corso di patologia generale. 22p. 8° Padova [n. pub.] 1931.

— Dell'azione delle luci monocromatiche sulle putrefazioni e sulle fermentazioni determinate in vitro dal Bac. proteus vulgaris (Hauser) 10p. 8° Padova, Univ. Padova, 1934.

— Sull'azione combinata delle luci monocromatiche e delle sostanze fotodinamiche; studi sul Saccharomyces cerevisiae. 14p. tab. 8° Padova, Univ. Padova, 1934.

— Il concetto della vis medicatrix naturae nella evoluzione del pensiero medico. 46p. 8° Faenza, Fratelli Lega, 1936.

See also Lustig, A., Guerrini, G., & Galeotti, G. Trattato di patologia generale. 9. ed. 2v. 1059p.; 1263p. 25½cm. Milano, 1938.

GUERRINI, Guy, 1912— *Contribution à l'étude des fractures de l'épine tibiale [Lyon] 81p. 2 pl. 25½cm. Trévoux, G. Patissier, 1938.

GUERSCHING, Johannes, 1903— *Ueber eine photodynamische Reaktion im ikterischen Serum [München] 24p. 8° Berl., E. Ebering, 1928.

GUERTHOFER, Rudolf, 1906— *Untersuchung des Blutzuckers bei einigen Dermatosen, einschliesslich der luischen Hauterscheinungen mit dem Kolorimeter von Crezelius und Seifert [München] 20p. 2 l. 8° Freising [n. pub.] 1930.

Editor of Zeitschrift für die Behandlung Schwachsinniger. Halle, v.31-48, 1911-28. Also Zeitschrift für die Behandlung Anomaler (ehemalige Shröter'sche Zeitschrift) Halle, v. 49-53, 1929-33.

GUES, Albert, 1909— *Agranulocytose et pyramidon. 60p. 8° Par., Vigot frères, 1937.

GUESDON, Paul Lucien, 1909— *Traitement des éphélides. 51p. 8° Par., L. Arnette, 1936.

GUESSEFELDT, Fritz, 1911— *Die Ursachen für die physiologische Veränderung der Farbe der Zähne vom Jugendalter bis zum Greisenalter [München] 24p. 8° Würzb., R. Mayr, 1936.

GUESSING.

See Ideation; Intuition; Judgement; Perception, extrasensory.

- GUEST, Columba.** The treatment of malaria with malarene. 8p. 24½cm. Kuala Lumpur, Fed. Malay States Gov. Press, 1937.
Forms No. 1, 1937, Bull. Inst. M. Res. Malay.
- GUEST, Leslie Haden, 1877–** *If air war comes; a guide to air raid precautions and anti-gas treatment. vii, 88p. illust. 8°. Lond., Eyre & Spottiswoode, 1937.
- GUETET, Marie Thérèse, 1895–** *Contribution à l'étude du coryza diphtérique. 77p. 8°. Par., A. Legrand, 1932.
- GUETGEMANN, Alfred, 1907–** *Untersuchungen über den Blutmilchsäurespiegel bei Operationen in Aethernarkose, Lumbal- und Lokalanästhesie. 52p. 8°. Bonn., L. Leopold, 1934.
- GUETHER, Johannes Otto, 1901–** *Zur Behandlung der Radioskopfluxation. 38p. 2 l. 8°. Jena [n. pub.] 1930.
- GUETT, Arthur, 1891–** Handbuch der Erbkrankheiten. 1v. 8°. Lpz., G. Thieme, 1937.
Also editor of Oeffentliche (Der) Gesundheitsdienst. Lpz., v.1, 1935–
See also Roemer. Ministerialdirektor Dr Arthur Gütt. Zschr. psych. Hyg., 1939, 12; portr. Ministerialdirektor Dr Gütt; 5 Jahre Leiter der Abteilung Volksgesundheit des Reichsministeriums des Innern. Zschr. ges. Neur. Psychiat., 1938–39, 164: 581. Die Bedeutung Arthur Gütt's für die Erb- und Rassenforschung und deren praktische Auswertung. Oeff. Gesundheitsd., 1938–39, 4: A, 897–9.—
Schütt, E. Arthur Gütt: Ausschnitte aus seinem Lebensbild. Ibid., 865–8, portr. Ministerialdirektor Dr Arthur Gütt; 5 Jahre Leiter der Abteilung Volksgesundheit im Reichsministerium des Innern. Deut. med. Wschr., 1939, 65: 273, portr.
- **CONTI, L. [et al.]** Der Amtsarzt; ein Nachschlagewerk für Medizinal- und Verwaltungsbeamte. xx, 767p. roy. 8°. Jena, G. Fischer, 1936.
- GUETT, Arthur, LINDEN, Herbert, & MASS-FELLER, Franz.** Blutschutz- und Ehegesundheitsgesetz; Gesetz zum Schutze des deutschen Blutes und der deutschen Ehre und Gesetz zum Schutze der Erbgesundheit des deutschen Volkes nebst Durchführungsverordnungen sowie einschlägigen Bestimmungen. 2. Aufl. xii, 354p. forms. 25c½m. Münch., J. F. Lehmanns, 1937.
- GUETT, Arthur, & MOEBIUS, E.** Der öffentliche Gesundheitsdienst. iv, 227p. 8°. Berl., C. Heymann, 1935.
Forms Bd 1. Handb. öffentl. Gesundheitsdienst (E. Moebius)
- GUETT, Arthur, RUEDIN, Ernst, & RUTTKE, Falk.** Gesetz zur Verhütung erbkranken Nachwuchses vom 14. Juli 1933 nebst Ausführungsverordnungen. 2. Aufl. 418p. pl. 8°. Münch., J. F. Lehmann, 1936.
- GUETTA, Paolo.** Il canto nel suo meccanismo. 2. ed. x, 246p. illust. 16°. Milano, U. Hoepli, 1935.
- GUETTEL, Gerhard, 1907–** *Angeborene und erworbene dorsale Keilwirbel. 31p. 8°. Bonn, A. Brand, 1934.
- GUETTICH, Alfred, 1883–**
Editor of Beiträge zur Anatomie, Physiologie, Pathologie und Therapie des Ohres, der Nase und des Halses. Berl., v.25–30, 1927–1932/33. Also Beiträge zur praktischen und theoretischen Hals-, Nasen- und Ohrenheilkunde. Berl., v.31, 1933–35.
- GUETTICH, Friedrich Wilhelm, 1907–** *Sprengwirkungen bei Schädelsschüssen [Düsseldorf] 19p. 21cm. Bochum, H. Pöppinghaus, 1935.
- GUETTICH, Wolfgang, 1910–** *Die mechanischen Abtreibungsmittel und die Gefahr der Luftembolie [Münster] 25p. 22cm. Düsseldorf., G. H. Nolte, 1935.
- GUETTINGER, Max, 1912–** *Die idiopathische aseptische Meningitis an der mediz-
- zinischen Klinik Zürich von 1923–35. 41p. 22½cm. Zür., Gebr. Leemann & Co., 1937.
- GUETTNER, Horst Günster, 1911–** *Klinik, Behandlung und Voraussage von Hodentumoren (nach Fällen und Berichten der Literatur) [Halle] 28p. 21cm. Bleicherode, C. Nieft, 1938.
- GUETTNER, Joachim, 1908–** *Ueber zwei seltene Ovarialtumoren. 43p. 21cm. Bresl., K. Vater, 1936.
- GUEUGNIAUD, Gaspard Jean, 1899–** *Le pissement de sang chez les bovins dans le haut Morvan [Alfort] 64p. map. 8°. Corbigny, F. Berloquin, 1928.
- GUEULLETTE, Roger, 1894–** *De l'invagination intestinale: ses formes cliniques chez l'adulte; étude expérimentale et radiologique. 184p. pl. 8°. Par., A. Legrand, 1925.
- GUEUVDJIAN, Garabed, 1902–** *La duplicité réno-urétérale incomplète et son étude pathologique. 129p. pl. 8°. Par., Jouve & cie, 1938.
- GUEVARA Guerra, Horacio, 1906–** *La différenciation bactériologique des Brucella. 61p. 8°. Par., Vigot frères, 1933.
- GUEVELLOU, Jean René Célestin, 1908–** *Des indications actuelles de l'accouchement prématuré provoqué dans les bassins dystociques à Bordeaux. 68p. 25½cm. Bord., Y. Cadoret, 1933.
- GUEx, Mario.** *Contribution à l'étude de l'action de la folliculine sur les prématurés. 48p. 22½cm. Genève, J. Guerry, 1938.
- GUEx, Richard, 1909–** *Der klinische Wert und die praktische Brauchbarkeit der chemischen Schwangerschaftsreaktion von Vischer und Bowman. 36p. 23cm. Zür., K. Engelberger, 1938.
- GUEZOU, Yves, 1910–** *Contribution à l'étude du pneumothorax spontané récidivant non tuberculeux. 43p. 8°. Par., Jouve & cie, 1936.
- GUFFARTH, Franz X., 1911–** *Das pathologisch-anatomische Bild der hereditär-degenerativen Innenohrschwerhörigkeit bzw. Taubheit. 38p. 8°. Tüb., A. Becht, 1936.
- GUFFEY, Don Carlos.** Notes on general and medical chemistry; based on Dr Marshall's lectures, Marshall's notes and various works on general and medical chemistry. 233p. 8°. Unionville, Mo., 1902.
- GUGEL, Fritz, 1906–** *Die Aktinomyco-seerkrankungen der chirurgischen Klinik in Erlangen der letzten 5 Jahre und ihre klinische, histologische und bakteriologische Diagnose. 37p. 8°. Erlangen, K. Döres, 1931.
- GUGENHEIM, Franz, 1906–** *Das Schicksal der mit Malaria behandelten Luescerebrospinalskranken [Frankfurt a. M.] p.525–41. 8°. Berl., J. Springer, 1931.
Also Zschr. ges. Neur. Psychiat., 1930–31, 131:
- GUGGENBERGER, Friedrich, 1910–** *Beitrag zur Beurteilung von Milchfälschungen durch Entrahmung [München] 40p. 21cm. Kallmünz, M. Lassleben, 1937.
- GUGGENHEIM, Hermann, 1905–** *Die Begutachtungen wegen Blutschande in der psychiatrischen Universitätsklinik Zürich von 1900–31. 73p. 8°. Zür., G. von Ostheim, 1932.
- GUGGENHEIM, Irma.** *Untersuchungen über die physiologische und pathologische Tröpfchenlinie der Hornhautrückfläche [Basel] 16p. 8°. Berl., S. Karger, 1923.
- GUGGENHEIM, Karl, 1906–** *Pharmakologische Beeinflussung von Entzündungs-

vorgängen durch Einwirkung auf die Respiration [Frankfurt a. M.] 23p. 2 l. 8° Lpz., F. C. W. Vogel, 1930.

Also Arch. exp. Path., Lpz., 1930, 151: 279–301.

GUGGENHEIM, Lothar, 1905– *Multiple Präcancerosen (mit präcancerösem Exanthem) und Carcinome, zum grossen Teil von bowenoidem Typus, nach langjährigem Arsengebrauch [Zürich] p.26–48. 8° Berl., J. Springer, 1933.

Also Arch. Derm., 1933, 168:

GUGGENHEIM, Louis Kaufman, 1884– Otosclerosis. ixp.; 212p. illust. diagrs. roy. 8° S. Louis [1935]

GUGGENHEIM, M. Die Chemie der Inkrete. p.36–167. 8° Lpz., C. Kabitzsch, 1929.

In 2. Bd 1. Hälfte of Hirsch. Handb. inn. Sekret.

— Les amines biologiques. Ed. française par Albert Berthelot [et al.] xvi, 731p. 8° Par., J. B. Baillière, 1934.

GUGGENHEIM, Max, 1904– *Die Linksverschiebung im weissen Blutbild bei der Tuberkulose [Zürich] p.625–40, ii–xiii. 8° Berl., J. Springer, 1930.

Also Beitr. Klin. Tuberk., 1929–30, 73:

GUGGENHEIM, Murry, 1858–1939. McCall, J. O. Obituary. N. York J. Dent., 1940, 10: 64.

GUGGENHEIM, Robert. *Ueber Influenza bei Tuberkulösen [Basel] p.237–50. 8° Lpz., C. Kabitzsch, 1920.

Also Beitr. Klin. Tuberk., 1920, 44:

GUGGENHEIM Memorial Foundation, New York. Reports of the secretary and of the treasurer. N. Y., 1931–36.

See also Latin America and the 1940 Guggenheim Fellowships Bull. Panamer. Union, 1940, 74: 649.

GUGGISBERG, Ernest. *A propos d'un cas de kyste solitaire de l'urèthre prostatique chez un jeune homme de 18 ans. 41p. 8° Lausanne, H. Waechter, 1925.

GUGGISBERG, Sir Frederick Gordon, 1869–, & FRASER, A. G. The future of the Negro; some chapters in the development of a race. xii, 152p. 8° Lond., Student Christian Movement Press [1929]

GUGGISBERG, H[ans] *Ueber Komplikationen der Retroflexio uteri und deren Einfluss auf die operative Therapie. 44p. 8° Bern, Neukomm & Zimmermann, 1905.

— Vererbung und Uebertragung; Rektoratsrede gehalten an der 85. Stiftungsfeier der Universität Bern den 22. November 1919. 21p. 8° Bern, P. Haupt, 1920.

See also Professor Dr Hans Guggisberg zu seinem 25jährigen Amtsjubiläum gewidmet. Schweiz. med. Wschr., 1936, 66: 1105.

GUGLER, Margret. *Untersuchungen über In-vitro-Atmung an Beriberitauben (Auszug) [Zürich] p.340–50. 8° Berl., J. Springer, 1928.

Also Biochem. Zschr., 1928, 200:

GUGLER, Werner, 1901– *Ueber Erysipel der Kinder. 32p. 8° Berl., E. Schmidt, 1932.

GUGLIELMINI, Dominique, 1655–1710. Colonne, F. J. M. Dominique Guglielmini (1655–1710) 41p. 8° Par., 1929.

GUGUEN, André, 1910– *Contribution à l'étude du B. C. G.; son innocuité chez le chien [Alfort] 87p. 8° Par., Vigot frères, 1934.

GUGUEN, Théophile François Marie, 1881– *Essai d'animaliculture; de l'élevage et de l'exploitation de la race bovine cotentine dans le département des Côtes-du-Nord [Alfort] 48p. 8° Saint-Brieuc, Impr. Moderne, 1928.

GUGUMUS, Franz, 1906– *Ueber Hirnerkrankungen bei otogener Sinusthrombose. 15p. 21cm. Erlangen, K. Döres, 1938.

GUHA, Gaurisankar, 1904– *Ueber den Soemmering'schen Kristallwulst [Berlin] 23p. tab. 23cm. Charlottenb., K. & R. Hoffmann, 1938.

GUHL, Eduard, 1844–1926. Wyder, T. Nekrolog. Schweiz. med. Wschr., Basel, 1926, 56: 230.

GUHR, Albert, 1907– *Das Lymphosarkom des Dünndarmes (anhand eines einschlägigen Falles) [Breslau] 47p. 2 pl. 8° Oldenburg, Schulze, 1934.

GUHRAUER, H., HALBERSTAEDTER, L. [et al.] Licht, Biologie und Therapie, Röntgen, Physik, Dosierung, allgemeine Röntgentherapie, radioaktive Substanzen, Elektrotherapie. x, 786p. 8° Berl., J. Springer, 1929.

Forms v.5, pt 2, Handb. Haut- und Geschlkr. (J. Jadassohn) Berl., 1929.

GUIA médica-farmacéutica de Madrid y su provincia. 111, lvp. illust. 8° Madr., Sag, 1934.

GUIANA.

Perret, J. Nouvelles observations ethnographiques sur la Guyane française. Bull. Ass. fr. avance. sc., 1933, 101–5.— Report of the surgeon-general for the year 1934. J. Trop. M. Hyg., Lond., 1937, 40: Suppl., 22–4.— Report of the Surgeon-General for the year 1936. Ibid., 1939, 42: Suppl., 25–8.— Souza Araujo, H. C. de. Condições medico-sanitarias da Guyana Inglesa; impressões de viagem. Brazil med., 1923, 37: 6: 24.— Urchs, O. Aerztliches aus Holländisch-Guyana. Deut. med. Wschr., 1927, 53: 1996–8.

GUIARD, Emile. La trépanation crânienne chez les néolithiques et chez les primitifs modernes. 126p. pl. 4° Par., Masson, 1930.

GUIARD, Jean Denis, 1913– *Contribution à l'étude de la maladie de Kussmaul. 53p. 25½cm. Par., L. Arnette, 1939.

GUIART, Jules, 1870– Les parasites, inoculateurs de maladies. vi, 362p. 19cm. Par., E. Flammarion, 1918.

— Précis de parasitologie. 3. éd. xi, 560p. 12° Par., J. B. Baillière & fils, 1930.

— **GARIN, Charles, & LEGER, Marcel.** Précis de médecine coloniale; maladies des pays chauds. 6 p. l. 408p. 8° Par., J. B. Baillière & fils, 1929.

GUIAS, Henri, 1903– *Contribution à l'étude du traitement sanglant des fractures du calcanéum. 42p. 8° Par., L. Arnette, 1929.

GUIBE, Maurice, 1874–, & GUENU, Jean. Chirurgie de l'abdomen. 6. éd. viii, 388p. 12° Par., Masson & cie, 1926. Also 7. éd. viii, 388p. 1930.

GUIBELET, Jourdain. Trois discours philosophiques. 11 p. l. 86 l. 8 l. 8° Evreux, Antoine le Marié, 1603.

GUIBERT, André, 1899– *Etude analytique des travaux, observations et mémoires de médecine pratique publiés par la Société Royale de Médecine. 68p. 8° Par., Jouve & cie, 1927.

GUIBERT, André, 1909– *Le paralytique général devant le test des mots d'épreuve; confrontation des épreuves orales et écrites; mécanisme psycho-physiologique des lapsus [Lyon] 122p. 25½cm. Bourg, Berthod, 1933.

GUIBERTEAU, Philippe, 1897– *Les rétentions bismuthiques; étude clinique et expérimentale. 72p. 8° Par., L. Arnette, 1926.

GUIBOURG, René, 1910– *Contribution à l'étude des courants de bases fréquence. 103p. 8° Par., M. Vigné, 1935.

GUIBOURT, Nicolas Jean Baptiste, 1790–18...? [Necrologia] Gior. farm. chim., 1867, 16: 426.

GUICHARD, Henri, 1910– *Contribution à l'étude des affections de l'artère pulmonaire. 105p. 8° Par., E. Le François, 1936.

GUICHARD, Jean, 1902- *Sur un cas de patellectomie. 104p. 25cm. Lyon, M. & L. Riou, 1939.

GUICHARD, Jean, 1907- *Contribution à l'étude des kystes hydatiques du poumon. 59p. 8° Par., Ed. Jel, 1934.

GUICHARD, Paul, 1907- *Contribution à l'étude des fièvres prolongées dans la seconde enfance. 79p. 8° Par., Jouve & cie, 1933.

GUICHARD, Raoul, 1914- *Essai d'introduction à l'étude pharmacodynamique des saponines. 104p. 25½cm. Par., Vigot frères, 1939.

GUICHARD, René, 1910- *L'organisation dans les prisons d'un pavillon d'observation pour enfants délinquants. 92p. 8° Lyon, Bosc frères, 1935.

GUICHARD, Robert, 1905- *Etude des voies de drainage des collections pelviennes chez l'homme et chez la femme. 141p. 8° Par., L. Arnette, 1935.

GUIDA, Guido.
Editor of *Rassegna internazionale di oto-rino-laringologia*. Roma, v.1, 1932-

GUIDANCE.

See Behavior; Child; Education; Vocation.

GUIDE de la santé et de la beauté, 1936. 189p. illust. 12° Par., Vivre-Santé, 1936.

GUIDI, Giuseppe. Le acque minerali; cosa sono, come agiscono, come vanno impiegate; trattato elementare di idrologia medica per medici e studenti, con particolare riguardo alle acque italiane. 291p. 25cm. Pisa, Nistri-Lischi, 1938.

GUIDO, Johannes. De temporis, astrorum, annique partium integra atque absoluta animadversione. 48l. sm. 4° Par., Jacob Bogard, 1543.

GUIDON, Lucien, 1905- *Sur un cas de septicémie à bacilles pyocyaniques chez l'enfant. 55p. 8° Par., Impr. Mouysset, 1929.

GUIEN, Jean, 1906- *Contribution à l'étude des tumeurs de la caroncule lacrymale. 98p. 8° Lyon, Bosc frères, 1935.

GUIGNARD, Aristide Léo, 1876- *Des intoxications alimentaires d'origine végétale sur les animaux de la ferme en Charente [Alfort] 53p. 8° Par., Ed. Rev. path. comp., 1927.

GUIGNARD, Charles Edmond] *De l'ankylose temporo-maxillaire. 32p. 8° Genève, Soc. Genevoise Ed. & Impr., 1926.

GUIGNARD, Henri Etienne, 1906- *Les épillets de graminées de leurs accidents chez nos animaux domestiques [Alfort] 68p. 8° Par., Henry & Lesbouyries, 1931.

GUIGNARD, Léon, 1852-1928.
Guérin, P. [Nécrologie] Bull. sc. pharm., Par., 1928, 35: 354-80, portr.—Launoy, L. Nécrologie. Biol. méd., Par., 1928, 18: 437-40, portr.

GUIGNER, Maurice, 1905- *Les amaigrissements liés au pneumothorax artificiel. 72p. 8° Par., Le François, 1931.

GUIGNON, Louis, 1860-1929.
Lereboullet, P. [Nécrologie] Paris méd., 1929, 72: annexe, 492.—Marfan, A. B. [Nécrologie] Presse méd., 1929, 37: 612.

GUIGNON, Pierre, 1910- *Les délires secondaires à la manie [Lyon] 79p. 25½cm. Bourg, Berthod, 1933.

GUIGUES, Pierre. Les noms Arabes dans Sérapion Liber de simplici medicina. 137p. 8° Par., Imp. Nationale, 1905.
Repr. Jr. Asiatique, 1905.

GUIHARD, Hippolyte, 1915- *Les méningites à pseudo-méningocoques et leur traitement [Paris] 51p. 24cm. Rennes, L'Ouest-Eclair, 1939.

GUIHENEUC, Bernard Olivier, 1902- *De l'exclusion haute de l'estomac. 76p. 8° Par., Impr. Lahure, 1932.

GUIKITCH, Georges. *Contribution à l'étude des rapports entre la menstruation, certaines métrorragies et le tissu lutéinique de l'ovaire; étude clinique et histologique. 23p. 8° Genève, Impr. Commerce, 1925.

GUILBERT. *Les lépidoptères ennemis de nos cultures [Strasbourg] 115p. 24½cm. Par., Vigot frères, 1939.

GUILBERT, C., & MAUCURIER, R. Guide de rééducation physique en groupe; méthode de gymnastique rééducative pour les blessés militaires. 128p. 12° Par., J. B. Baillière & fils, 1916.

GUILBERT, C., & QUIVY, Jean. Radiothérapie; technique du dosage en profondeur. vi, 437p. tab. 8° Par., N. Maloine, 1932.

GUILBERT, Jean, 1900- *Réaction de fixation et réaction de floculation dans la tuberculose chirurgicale. 52p. 6 ch. 8° Par., A. Legrand, 1927.

GUILD, Cameron St Clair, 1896-
See Mills, Alden B., & Guild, Cameron St C. The Ross-Loos medical group [etc.] 59p. 8° Wash., 1933.
Forms No. 13 Misc. Contr. on the Costs of Medical Care.

GUILD, La Fayette, 1825-70.
Carmichael, E. B. La Fayette Guild. Ann. M. Hist., 1935, 7: 147-55, portr.—Phalen, J. M. Surgeon LaFayette Guild, medical director of the Army of Northern Virginia. Mil. Surgeons, 1913, 87: 174-6.

GUILD (The) of Saint Apollonia.

See Boston, Mass.

GUILFOILE, Pierre Joseph, 1907- *Therapeutic uses of digitalis [Marquette Univ.] 11p. Minneapolis, Minn., 1936.
Typewritten.

GUILFORD, Joy Paul, 1897- Psychometric methods. xvi, 566p. illust. portr. diags. 8° N. Y., McGraw-Hill Book Co., 1936.

GUILFORD, Simeon] H. Nitrous oxide; its properties, method of administration and effects. vii, 94p. 16° Phila., Spangler & Davis, 1887.

GUILFOY, William H., 1859-1935. The influence of nationality upon the mortality of a community, with special reference to the City of New York. 27p. 8° N. Y., 1917.

Forms No. 18, Monogr. Ser. Department of Health. City of New York.
For biography see Q. Bull. N. York Dep. Health, 1935, 3: 61.

GUILHON, Jean, 1906- *L'influence des saisons et de la castration sur les combustions respiratoires chez le chien [Alfort] 62p. 8° Par., Vigot frères, 1931.

GUILLAIN, Georges, 1876- Etudes neurologiques. 5. sér. vi, 462p. illust. 8° Par., Masson & cie, 1933.

— & **ALAJOUANINE, T.** Pathologie du mésocéphale. p.1-391. illust. 8° Par., Masson & cie, 1935.

In Nouv. traité méd. (Roger G. H., Widal, F. [et al.]) v.20.

GUILLAIN, Georges, & BERTRAND, Ivan. Anatomie topographique du système nerveux central. vii, 322p. 4° Par., Masson & cie, 1926.

GUILLAIN, Georges, & MOLLARET, Pierre. Les séquelles de l'encéphalite épidémique; étude clinique et thérapeutique. 2 p.l. 103, 2p. illust. roy. 8° Par., G. Doin, 1932.

La pratique médicale illustrée (E. Sergent)

— Etudes neurologiques. 7. sér. viii, 302p. illust. 8° Par., Masson & cie, 1936.

GUILLAIN, Pierre, 1904- *Etude des compressions de la moelle par des formations vasculaires pathologiques. 106p. 8° Par., L. Arnette, 1933.

GUILLAIN-BARRE syndrome.

See Polyradiculoneuritis.

GUILLARME, Jacques, 1913— *Contribution à l'étude des péritonites puerpérales ante partum. 75p. 25cm. Lyon, M. & L. Riou, 1939.**GUILLAUD-VALLEE, Yves**, 1904— *L'origine allergique du psoriasis. 80p. 8° Par., N. Maloine, 1933.**GUILLAUMAT, Jean**, 1907— *Contribution à l'étude de la calcaïthérapie par le gluconate de calcium. 99p. 8° Par., A. Legrand, 1933.**GUILLAUMAT, Louis Gabriel Jacques**, 1908— *Les méningiomes supra-sellaires (contribution à l'étude du syndrome chiasmatique) 205p. 3 pl. 8° Par., E. Picavet, 1937.

— The same. Les méningiomes supra-sellaires. 4, 205p. pl. tab. 8° Par., G. Doin [1937]

GUILLAUME, André Charles, 1891— L'endocrinologie et les états endocrino-symphatiques. 3v. 16° Par., G. Doin & cie, 1929-30.

— Vagotonies, sympathicotones, neurotonies. 2. éd. xxiv, 562p. 8° Par., Masson & Co., 1928.

GUILLAUME, Charles, 1907— *Contribution à l'étude des céphalées cellulitiques. 80p. 8° Lyon, Bosc frères, 1936.**GUILLAUME, Henry**, 1908— *Réactions gastro-duodénales dans l'appendicite chronique et la dysergie iléo-coecale. 67p. 24cm. Par., J. Haumont, 1939.**GUILLAUME, J[oseph]**

See Martel, T. de, & Guillaume, J. Les tumeurs cérébrales, leurs manifestations, leur traitement chirurgical [&c.] 134p. 8° Par., 1931. — Les tumeurs de la loge cérébelleuse; fosse cérébrale postérieure. 454p. 8° Par., 1934.

GUILLAUME, Paul, 1891—, & **MUNRO, Thomas**. Primitive negro sculpture. 4 p. l. 134p. pl. 4° N. Y., Harcourt, Brace & Co. [1926]**GUILLAUME, Roland**, 1909— *Les névrites pneumoniques. 56p. 8° Par., A. Legrand, 1935.**GUILLAUME, Roland Albert**, 1914— *Infarctus du myocarde et claudication intermittente. 77p. 24½cm. Par., M. Vigné, 1938.**GUILLAUMONT, Louis François**, 1912— *Considérations sur le traitement des cancers du massif facial. 62p. 8° Par., Jouve & cie, 1936.**GUILLE des Buttes, Joseph**, 1911— *Contribution à l'étude de l'évolution des tumeurs bénignes du recto-sigmoïde: du polype au cancer de l'intestin terminal. 61p. 24cm. Par., A. Legrand, 1939.**GUILLEMAIN, André**, 1910— *Traitement du lichen plan par le stovarsol buccal. 34p. 8° Par., E. Le François, 1937.**GUILLEMAIN, René Achille**, 1908— Essai d'utilisation des applications locales d'huile de foie de morue en oto-rhino-laryngologie. 61p. 23½cm. Par., A. Lapied, 1939.**GUILLEMARDET, Ferdinand Pierre Marie Dorothee**, 1765-1808.

Genty, V. Le médecin conventionnel; GuillemarDET. Progr. méd., Par., 1938, pt 2, Suppl., 69-71, portr.

GUILLEMEAU, Jacques, 1550-1612.

Brown, A. J. Old masterpieces in surgery: The French Surgery of Guillemeau. Surg. Gyn. Obst., 1925, 40: 589, pl.—Ruhrah, J. [Biography] Am. J. Dis. Child., 1931, 41: 1172-8.

GUILLEMENET, Claude, 1903— *De l'alimentation des vaches laitières par les fourrages ensilés; qualités des laites d'ensilage [Alfort] 122p. 3 ch. 8° Par., Ed. Rev. nos Animaux, 1928.**GUILLEMIN, René**, 1898— *Contribution à l'étude de l'opothérapie hépatique dans certaines réactions cutanées. 56p. 8° Par., A. Legrand, 1930.**GUILLEMINET, M.**

See Dumarest, Frédéric. Guilleminet, M., & Rougy, P. Traitement médico-chirurgical des pleurésies purulentes tuberculeuses. 42p. roy. 8° Par., 1930.

GUILLEMINOT, H[yacinthe] 1869-1922. La matière et la vie. 2 p. l. 318p. 12° Par., E. Flammarion, 1919.**GUILLEMINOT, Philippe**, 1911— *Notes de thérapeutique clinique sur la mélancolie essentielle. 83p. 8° Lyon, Bosc frères, 1937.**GUILLEMOT, Roland**, 1909— *De la contention des solipèdes en vue des opérations chirurgicales. 138p. 24cm. Toulouse, Berthoumieu, 1934.**GUILLER, Jean**, 1912— *Indications de l'héliothérapie concentrée dans les affections du rachis. 56p. 24½cm. Par., M. Vigné, 1939.**GUILLERMIN, Jean**, 1896— *Les arthropathies au cours de la syringomyélie. 59p. 8° Par., Jouve & cie, 1938.**GUILLERMOU, René**, 1905— *L'association calcium théobromine dans le traitement des œdèmes des cardiaques et des cardio-rénaux. 67p. 8° Par., Impr. Mouysset, 1929.**GUILLELY, Hippolyt**, 1857-1936.

Nekrolog. Arch. Augenh., 1936, 110: 250.

GUILLET, Paul, 1898— *Contribution à l'étude de la cachexie osseuse du porc [Alfort] 38p. 8° Par., Le François, 1926.**GUILLETMO, Emil Fredrik Otto**, —1938. Stapelmohr, S. von [Obituary] Tskr. mil. hälsov., 1938, 63: 264-6, portr.**GUILLIERMOND, A.** La sexualité, le cycle de développement, la phylogénie et la classification des levures, d'après les travaux récents. 3 p. l. 72p. illust. 25cm. Par., Masson & cie, 1937.

— Introduction à l'étude de la cytologie. Pt 1. 151p. illust. 2 pl. 25½cm. Par., Hermann & cie, 1938.

No. 741, Actual. sc. & industr.; Cytol. & cytophysiol. vég. No. 3.

GUILLIERMONDELLA.

See Pichiaceae.

GUILLOU, Maurice, 1913— *Sur les eaux de Pougues. 67p. 24cm. Par., Jouve, 1939.**GUILLOIS, Robert**, 1905— *Le choc obstétrical hypoglycémique. 57p. 8° Par., Jouve & cie, 1933.**GUILLO, Emile Victor Paul**, 1907— *Contribution à l'étude de certaines fractures rares du condyle de l'humérus. 76p. 8° Par., Le François, 1934.**GUILLO, Henry Aimé**, 1901— *L'évidement pétrio-mastoldien élargi. 67p. 8° Par., L. Arnette, 1932.**GUILLO, Jean**, 1910— *Au sujet de l'exérèse du cancer du rectum par voie abdomino-périnéale; quelques causes d'insuccès; la mortalité opératoire. 48p. 8° Par., L. Arnette, 1938.**GUILLO, Pierre**, 1901— *Sur les propriétés hypotensives de l'*Allium sativum*; étude clinique, expérimentale et thérapeutique. 64p. 8° Par., Jouve & cie, 1931.**GUILLOT, Georges**, 1902— *Contribution à l'étude du bacille de Preisz-Nocard [Alfort] 153p. 8° Par., Rev. Path. Comp. &c., 1934.**GUILLOT, Georges**, 1911— *Constriction permanente de la mâchoire par blocage de

l'apophyse coronoïde [Lyon] 69p. 8° Bourg, Imp. Berthod, 1935.

GUILLLOT, Guy Robert, 1910— *De la valeur des signes généraux dans les ruptures utérines complètes au cours du travail [Paris] 53p. 8° Amiens, Imp. Nouvelle, 1935.

GUILLLOT, Jacques Louis, 1898— *Des formes d'arthrites aiguës post-traumatiques du genou; indications, traitement par la résection, résultats. 120p. 8° Par., L. Arnette, 1932.

GUILLLOT, Jean, 1914— *Chimiothérapie de la blennorrhagie par les dérivés soufrés administrés en particulier par voie intramusculaire. 84p. 24cm. Par., L'Expansion Sc. Française, 1939.

GUILLLOT, Lucien Paul Gabriel, 1894— *La figure du cheval; essai d'iconographie hippique [Alfort] 220p. 8° Par., Le Goupy, 1927.

GUILLLOTIN, Joseph Ignace, 1738-1814.

Bi. El Doctor Guillotin y la guillotina. Dña méd., B. Air., 1932-33, 5: 1018.—Brown, M. W. Dr Guillotin and his beheading machine. Med. J. & Rec., 1933, 138: 329.—Corbière, E. El doctor Guillotin y la guillotina. Sem. méd., B. Air., 1940, 47: 1556-8.—Coudes, W. P. Guillotin and his machine. Boston M. & S. J., 1926, 195: 37.—Genty, M. Biographie. Progr. méd., Par., 1938, Suppl., 17-24, portr.—Lloyd, J. H. Dr Guillotin's idea. Ann. M. Hist., 1933, n. ser., 5: 129-34.—Palmeri, V. M. Il medico che inventò la ghigliottina. Riforma med., 1938, 54: 557, portr.—Weird (The) destiny of Doctor Joseph Ignace Guillotin. Med. Times, N. Y., 1936, 64: 442-5, portr.—Worthy Doctor Guillotin; respectable practitioner. Clin. Excerpts, 1938, 12: 3-10, portr.

GUILLOU, Alain, 1913— *A propos de 3 cas inédits de cloisonnement transversal du vagin. 59p. 8° Par., Libr. L. Arnette, 1937.

GUILLOU, Jean, 1912— *Contribution à l'étude de l'ionisation atmosphérique. 78p. 25½ cm. Par., Vigot frères, 1939.

GUILLOU, Raoul, 1900— *Les cystites rebelles après néphrectomie pour bacilliose. 54p. 8° Par., Libr. M. Lac, 1929.

GUILLOUX, Louis, 1903— *Traitement par la collapsothérapie des lobites tuberculeuses de l'enfant. 88p. 2 pl. 8° Par., Jouve & cie, 1928.

GUILLOUX, Louis, 1912— *Contribution à l'étude et aux traitements des séquelles des accidents de travail. 117p. 24cm. Par., A. Legrand, 1938.

GUILLY, Paul Jules Louis, 1905— *Duchenne de Boulogne. 237p. 11 pl. portr. 8° Par., J. B. Baillière & fils, 1936.

GUILMARD, André, 1898— *L'ictère des nouveau-nés; étude physique du sang du cordon. 83p. 8° Par., L. Arnette, 1927.

GUILMARD, Yves Henri Marie, 1908— *Les symphyses pleurales tardives après la section des adhérences du pneumothorax. 79p. 24cm. Par., Jouve & cie, 1939.

GUILT [and sense of guilt]

See also Anxiety; Complex; Conflict; Conscience; Criminal, Psychology; Hysteria; Melancholia; Mortality; Obsession; Psychoneurosis; Punishment; Sin.

KELCHNER, M. Schuld und Sühne im Urteil jugendlicher Arbeiter und Arbeiterinnen. 147p. 8° Lpz., 1932.

Alexander, F. Strafbedürfnis und Tödestrieb. Internat. Zschr. Psychoanal., Wien, 1929, 15: 231-45. Also Internat. J. Psychoanal., Lond., 1929, 10: 256-69.

Remarks about the relation of inferiority feelings to guilt feelings. Ibid., 1938, 19: 41-9.—Blum, E. The psychology of study and examinations. Ibid., 1926, 7: 456-69.—Darlington, H. S. The confession of sins. Psychoanal. Rev., 1937, 24: 150-64.

Dukes, G. Psychoanalytische Gesichtspunkte in der juristischen Auffassung der Schuld. Imago, Wien, 1921, 7: 225-36.—Ensslen, N. Zur Psychologie des Schuldgefühls. Arch. ges. Psychol., 1932, 84: 387-488.—Fenichel, O. The clinical aspect of the need for punishment. Internat. J.

Psychoanal., Lond., 1926, 7: 125; 1928, 9: 47.—Gardner, J. W. An experimental study of the Luria technique for detecting mental conflict. J. Exp. Psychol., 1937, 20: 495-506.

Gleispach, W. Ueber die Schuld nach dem Entwurf eines Allgemeinen Deutschen Strafrechtentwurfes. Mschr. Krim. Psychol., 1925, 16: 225-35.—Isaacs, S. Privation and guilt. Internat. J. Psychoanal., Lond., 1929, 10: 335-47.—Joke, R. H. The mobilizing of the sense of guilt. Ibid., 1927, 8: 479-85.—Jones, E. Fear, guilt, and hate. Ibid., 1929, 10: 383-97.

Objektbeziehungen aus Schuldgefühl; eine Studie über Charaktertypen. Imago, Wien, 1937, 23: 129-33.—Karpman, B. Criteria for knowing right from wrong; an attempt at a psychopathologic interpretation of criminal responsibility and guilt-attitudes. J. Crim. Psychopath., 1940-41, 2: 376-86.—Kaufman, M. R. Some clinical data on ideas of reference. Psychoanal. Q., 1932, 1: 265-76.—Koeber, H. Sexualität und Schuldgefühl. Zschr. Sexwiss., 1918-19, 5: 311-6.—Kraus, O. Ueber den Begriff der Schuld und den Unterschied von Vorsatz und Fahrlässigkeit; zur Philosophie des positiven Strafrechts. Mschr. Krim. Psychol., 1912, 9: 321-47.—Lampl, H. Contributions to case history; a case of borrowed sense of guilt. Internat. J. Psychoanal., Lond., 1927, 8: 143-58.—Leonhardt, C. Ein wichtiges Schuldindiz. Arch. Krim., 1939, 104: 214-24.—Nemanitsch, G. Schuldgedanke und Zweckmaxime. Ibid., 1914, 60: 141-205.—Nunberg, H. The sense of guilt and the need for punishment. Internat. J. Psychoanal., Lond., 1926, 7: 420-33.

Schuldgefühl und Strafbedürfnis. Internat. Zschr. Psychoanal., Wien, 1926, 12: 348-59.—The feeling of guilt. Psychoanal. Q., 1934, 3: 589-604. Also Imago, Wien, 1934, 20: 257-69.—Reich, W. Discussion on the need for punishment and the neurotic process. Internat. J. Psychoanal., Lond., 1928, 9: 226-46.—Schlink, K. Die Bedeutung des Sündenbewusstseins in religiösen Kämpfen weiblicher Adoleszenten. Arch. ges. Psychol., 1935, 94: 271-305.—Stekel, W. Zur Psychologie der Selbstvorwürfe. Fortsch. Sexwiss. Psychanal., 1928, 3: 75-90.—Stephen, K. Introjection and projection; guilt and rage. Brit. J. M. Psychol., 1934, 14: 316-31.—Stienen, Die Schuld als Strafrechtsfunktion. Mschr. Krim. Psychol., 1926, 17: 177-213.—Störing, G. Zurechnung und Verantwortlichkeit, Schuldgefühls und Reue. Arch. ges. Psychol., 1937, 99: 260-76.—Winterstein, A. Schuldgefühl, Gewissensangst und Strafbedürfnis. Internat. Zschr. Psychoanal., Wien, 1932, 18: 171-82.

GUIMARAES, Flavio. Etnia brasileira (fragmentos de um estudo sociológico) 16p. 23cm. Curitiba, Livr. mundial, 1935.

GUIMARAES, Pedro Henrique da. *Breve estudo acerca da Hydrastis canadensis em gynecologia. 55p. 8° Lisb., E. Roza, 1889.

GUIMET, Paul, 1911— *Recherches sur les causes et l'évolution des broncheectasies dans l'enfance. 171p. 8° Lyon, Bosc frères, 1936.

GUIMEZANES, Eugène, 1913— *Contribution à l'étude des capillarites. 42p. 25cm. Par., Le François, 1940.

GUIMPEL-LEVITZKY, Marguerite, 1908— *Etude sur les maladies professionnelles des opérateurs-projectionnistes de cinéma. 91p. 24cm. Par., Vigot frères, 1939.

GUINARD, Emilie, 1906— *Contribution à l'étude des méningites morbilleuses. 54p. 8° Par., Jouve & cie, 1934.

GUINARD, Louis, 1864-1939.

Laird, A. T. Obituary. Minnesota M., 1940, 23: 264.—Rist, E. Néerologie. Rev. tuberc., Par., 1939, 5. sér., 5: 882-7.

GUINARD, Paul, 1905— *Contribution à l'étude de l'érythème noueux. 44p. 8° Par., M. Vigné, 1933.

GUINARD, Urbain, 1894— *Avenir éloigné de la tuberculose pulmonaire chez 831 hommes cracheurs de bacilles suivis au Sanatorium de Bligny. 214p. 8° Par., N. Maloine, 1925.

GUINDRE, François, 1896— *Etude sur la lutte contre les moustiques au Havre. 32p. 8° Par., Jouve & cie, 1928.

GUINDY Saleh, Ibrahim. *La poliomyélite antérieure aiguë et ses traitements modernes [Genève] 112p. 8° Lyon, Bosc frères, 1931.

GUINEA.

Pires de Lima, J. A., & Mascarenhas, C. Populações indígenas da Guiné portuguesa. Arq. anat., 1929-30, 13: 595.—Schunck de Goldfiem, J. Recherches sur les groupes sanguins en Guinée française. C. rend. Soc. biol., 1936, 123: 391-3.

GUINEA-PIG.

Dessy, G. Ricerche sulla mortalità spontanea delle cavie. Clin. vet., Milano, 1927, 50: 528-45.—Donaldson, H. H. On the cranial capacity of the guinea-pig; wild and domesticated. Schweiz. Arch. Neur. Psychiat., 1923, 13: 206-22.—Dunkin, G. W., Hartley, P. [et al.] A comparative biometric study of albino and coloured guinea-pigs from the point of view of their suitability for experimental use. J. Hyg., Camb., 1930-31, 30: 311-30.—Germ-free guinea pigs. Science News Lett., 1937, 31: 186-8.—Guinea pig production, Biologic Products Division, year ending June 30, 1940. Annual Rep. Michigan Dep. Health, 1939-40, 68: 154.—Harman, M. T., & Prickett, M. The development of the external form of the guinea-pig (*Cavia cavya*) between the ages of 11 days and 20 days of gestation. Am. J. Anat., 1932, 49: 351-78.—Postel, W. Das Rumpfskelett vom Meerschweinchen und vergleichende anatomische Untersuchungen über die Muskeln des Stammes von Meerschweinchen und Kaninchen. Deut. tierärztl. Wschr., 1927, 35: 318.—Raebiger, H., & Lerche, M. Aetiologie und pathologische Anatomie der hauptsächlichsten spontanen Erkrankungen des Meerschweinchens. Erg. allg. Path., 1925-26, 21: 686-706.—Scott, J. P. The embryology of the guinea pig; a table of normal development. Am. J. Anat., 1936-37, 60: 397-432. Also repr.—Spuhler, V. Das Skelett von *Cavia porcellus* (L.) Morph. Jahrb., 1938, 81: 353-415.—Woolpert, O. C., Stritar, J. [et al.] Bacteriologic experimentation on the guinea pig fetus. Science, 1936, 83: 419-21.

Diseases.

See also proper names of diseases as Septicemia; Tuberculosis, &c.

MAURY L. A. *Les tumeurs chez le cobaye [Alfort] 70p. 8°. Versailles, 1931.

Beller, K. Meerschweinchenläsionen und andere durch Vira verursachte Meerschweinchenleiden. In Handb. Virusk. (E. Gildemeister [et al.] Jena, Bd 2, 392-7.—Delbecq, E. Etude sur le diacrisocyste du cobaye. Paris méd., 1936, 101: 307-10.—Krüning, F., & Wepler, W. Ein histologisch beachtenswerter Tumor des Meerschweinchens. Zschr. Krebsforsch., 1938-39, 48: 246-51.—Kuttner, A. G., & Cole, R. Further evidence concerning the significance of nuclear inclusions as indicators of a transmissible agent. Proc. Soc. Exp. Biol., N. Y., 1925-26, 23: 537-9.—Lurie, M. H. Waltzing guinea pig. Tr. Am. Acad. Ophth. Otol., 1938, 116. Also Ann. Otol. Rhinol., 1941, 50: 113-23.—Morcos, Z. Epizootic hepatitis in guinea-pigs; a virus disease. J. Egypt. M. Ass., 1932, 15: 74-7.—Remlinger, P. Un paradoxe bactériologique: la grande réceptivité du cobaye à la tuberculose expérimentale et la rareté de sa contamination dans les laboratoires. Arch. Inst. Pasteur Algérie, 1923, 1: 627-30.—Römer. Ueber ein durch filterbares Virus bedingte Meerschweinchenkrankung. Zbl. Bakt., 1. Abt., 1911, 50: Ref., Beih., 30.—Saenz, A., & Refik, A. Localisation viscérale de la strepto-bacilliose des cobayes. C. rend. Soc. biol., 1928, 99: 1705. — Sur la strepto-bacilliose du cobaye; reproduction expérimentale de la maladie. Ibid., 1707.—Tahsin-Bey, S. Untersuchungen über eine Meerschweinchenleuse. Zbl. Bakt., 1. Abt., 1927, 102: 374-82.—Ten Broeck, C., & Nelson, J. B. A highly fatal disease of guinea pigs. Proc. Soc. Exp. Biol., N. Y., 1938, 39: 572.—Vinzent, R. Le bacille de l'adénite cervicale bénigne du cobaye. Ann. Inst. Pasteur, Paris, 1928, 42: 529-41.

Sarcoma [Daels and Biltris]

Gavrilov, W. Essai sur l'hérédité des facteurs inhibiteurs du sarcome de cobaye provoqué par le radium. C. rend. Soc. biol., 1938, 129: 49-51.—Goebel, O., & Gérard, P. Sarcome expérimental provoqué chez le cobaye par l'action des rayons X. Ibid. 1925, 93: 1537.—Gordon, J., & Orr, J. W. The fourth component of complement: experiments with a transplantable sarcoma of the guinea-pig. J. Path. Bact., Lond., 1938, 46: 209.—Gratia, A., & Lirz, R. Le phénomène de Schwartzman dans le sarcome du cobaye. C. rend. Soc. biol., 1931, 108: 437.—Mendeleev, P. Expériences biologiques sur le développement et l'involution d'un sarcome de cobaye. Cancer, Brux., 1930, 7: 157-204. — Substance active isolée du sarcome de cobaye in vitro. C. rend. Soc. biol., 1930, 103: 931-4. — Quelques expériences faites sur la substance active isolée du sarcome de cobaye in vitro. Ibid., 934-6. — Deux immunisérums hétérogènes contre le sarcome du cobaye. Ibid., 105: 867-71. — Extraction de la substance active et inhibitrice du sarcome de cobaye in vitro. Ibid., 1931, 107: 239-41. — La non spécificité des substances inhibitrices extraites du sarcome du cobaye. Ibid., 1932, 109: 49.—Rosskin, G. [Malignant tumors in guinea pigs, transferable by inoculation] J. eksp. biol., 1930, 13: 58-61.—Watson, A. F. The Daels and Biltris transplantable sarcoma of the guinea-pig. Brit. J. Exp. Path., 1936, 17: 122 pl.

GUINEA worm.

See Dracunculidae; Dracunculosis.

GUINIER, Marie Joseph Henri, 1903—

*Essai d'histoire thérapeutique du mercure. 53p. 8°. Par., L. Arnette, 1930.

GUINON Louis, 1860-1929, COUVELAIRE Alexandre [et al.] Médecine sociale. p. l. viii, 773p. 8°. Par., A. Maloine & fils, 1925.

Forms v.33. Traité path. méd. théor. appl.

GUINTERIUS of Andernach.

See Winter, Johannes, of Andernach.

GUINTRAN, Jean Marie Joseph, 1912—

*La fièvre typhoïde chez les vaccinés. 73p. 25cm. Bord., Bière, 1937.

GUIONNET, Georges, 1902—

*Le traitement actuel de l'éclampsie à la Maternité de Lariboisière. 46p. 8°. Par., Jouve & cie, 1927.

GUIPSINE.

See under Viscum.

GUIR, Georges, 1910—

*Valeur thérapeutique du bleu de méthylène dans l'asphyxie. 64p. 8°. Par., Vigot frères, 1935.

GUIRAL y Violdi, Rodolfo, —1937. La cirugía del globo y su técnica. 150p. 8°. Habana, Impr. Rambla, 1920.

For biography see Rev. cubana otoneurof., 1937, 6: 60, portr.

GUIRAN, Jean B., 1911—

*Le problème des nerfs glyco-sécréteurs; un nouvel aspect de la question. 111p. 25cm. Lyon, M. & L. Riou, 1937.

GUIRAUD, Gaston, 1899—

*Contribution à l'étude du néphro-typhus à forme hémorragique. 47p. 8°. Par., Jouve & cie, 1927.

GUIRAUD-LeMARESQUIER, Arlette, 1910—

*Etude de l'hypoglobulie en atmosphère sur-oxygénée. 58p. pl. 24cm. Par., Jouve & cie, 1939.

GUISAN, Charles. *Contribution à l'étude du problème de la menstruation tubaire. 38p. 8°. Lausanne, G. Jaccard, 1929.

GUISLAIN, Joseph, 1797-1860.

Komora, P. O. [Biography] Ment. Hyg., Alb., 1930, 14: No. 2, portr.

GUISLAIN, Pierre, 1914—

*Les pulpes de betteraves facteur de cachexie osseuse. 82p. 8°. Lyon, Bosc frères, 1937.

GUISO, Luciano. *La Vibriothrix zeylanica. p. l. 48p. pl. 8°. Padova, A. Milani, 1932.

GUISON, Lucien-Hubert, 1908—

*La rachicentèse sous-occipitale (ponction sous-occipitale) son utilité en syphiligraphie. 96p. 8°. Par., Jouve & cie, 1934.

GUISONI, Louis Frank, 1900—

*Contribution à l'étude des rétrécissements du rectum d'origine amibienne. 56p. 8°. Par., M. Vigné, 1927.

GUIST, Gustav. Klinische Betrachtungen und experimentelle Ergebnisse zur Frage über die Erholungsfähigkeit der Netzhaut nach Unterbrechung der Blutzirkulation. 123p. 2 pl. 8°. Berl., S. Karger, 1926.

Forms Heft 1, Abh. Augenh.

— Coincident ophthalmology and histology of the optic nerve; with Atlas. 2v. 181p. pl. [24]p. 111 pl. 8°. Wien, W. Maudrich, 1934.

GUITARD, Jacques, 1913—

*Quinze années de vaccination antidiphthérique par l'anatoxine diphthérique. 48p. 24½cm. Par., M. Vigné, 1939.

GUITARD, Jean Henri Félix, 1908—

*Les épidémies de fièvre typhoïde au Havre de 1880 à nos jours. 35p. 8°. Par., L. Arnette, 1935.

GUITEAU, Charles J., 1840-82.

Fenning, F. A. The trial of Guiteau. Am. J. Psychiat., 1933, 13: 127-39.

GUITERAS, Juan, 1852-1925. Insect borne diseases in Pan-America; read before the 2.

Pan-American Scientific Congress held in Washington, D. C., Dec. 27, 1915 to Jan. 8, 1916. 42p. pl. 8°. Habana, La Moderna Poesia, 1915.

For biography see Deut. med. Wschr., 1925, 51: 2128 (W. H. Hoffmann). Also J. Am. M. Ass., 1925, 85: 1503. Also Lancet, Lond., 1925, 2: 1095. Also Med. J. & Rec., 1926, 123: 193. Also Rev. cir. Habana, 1925, 30: 611-3, portr. Also Sciencia med., Rio, 1926, 4: 50. Also Seuchenbekämpfung, Wien, 1926, 3: 73 (Kraus).

GUITRY, Sacha. Pasteur, pièce en 5 actes. 140p. 8°. Par., E. Fasquelle, 1919.

GUITTARD, Jean Auguste Marie, 1911-
*Contribution à l'étude des variations de l'azotémie au cours des traitements par les sels de jaune d'acridine. 60p. 8°. Par., Jouve & cie, 1937.

GUITTON, Jean, 1900- *Sur les fractures du sésamoïde interne du gros orteil. 30p. 8°. Par., Jouve & cie, 1926.

GUITTON, Louis, 1885- *Le cancer sténosant des bronches souches. 36p. 6 pl. 8°. Par., A. Bekinsten, 1933.

GIU, Emmanuel Antonin François, 1910-
*Les blocages partiels avec bradycardie au cours des infarctus du myocarde. 51p. 24cm. Par., A. Legrand, 1939.

GUIVARCH, Louis, 1915- *Contribution à l'étude de l'action du sérum anti-péritonite de Weinberg dans l'appendicite grave. 36p. 24½cm. Par., Le François, 1939.

GUIZZETTI, Hans Ulrich, 1903- *Der Einfluss der Diathermie auf den Blutdruck, die Temperatur, den Puls und die Atmung [Freiburg] 31p. 8°. Erlangen, Höfer & Limmert, 1931.

GUIZZETTI, Pietro, 1862-1937. Anatomia patologica dell'apparato circolatorio, dell'apparato digerente e glandole annesse e dell'apparato urinario. xvi, 605p. 8°. Parma, Tipogr. Cooper, 1934.

For biography see Riv. pat. nerv., 1938, 51: 174-7, portr. (C. Berlucchi).

See also De Giorgi, L. Il contributo scientifico della scuola anatomopatologica parmense; Da G. Inzani a P. Guizzetti. Gior. clin. med., 1936, 17: 569-77.

GUJA.

See **Asthma; Guam; Septicemia.**

GUJER, Hans, 1903- *Der Einfluss von Schlaf, Ruhe und verstärkter Lungenventilation auf das Pneumotachogramm [Zürich] p.698-707. 8°. Berl., J. Springer, 1930.

Also Arch. ges. Physiol., 1927-28, 218:

GULASH, John R. *Vitamin K: significance of vitamin K in hypoprothrombinemia [S. Vincent's Hosp.] 21p. 28cm. [Bridgeport, Conn.] 1940.

Typewritten.

GULDBERG, Gustav. Experimental researches on precancerous changes in the skin and skin cancer. 223p. 24 pl. 8°. Kbh., Levin & Munksgaard, 1931.

Forms Suppl. 8, Acta path. microb. scand.

GULDEN, Bruno, 1910- *Die neueren Forschungsergebnisse der Erkrankung des Zahnmals und ihre praktische Auswertung. 29p. 8°. Tüb. [Gremm] 1933.

GULEKE, N[icolai] 1878- Die Chirurgie der Hirngeschwülste. 40p. 8°. Stuttg., F. Enke, 1936.

Forms 5. Heft, Vorträge prakt. Chir. (E. Lexer)

See also Gross, O., & Guleke, N. Die Erkrankungen des Pankreas. 383p. 8°. Berl., 1924. Also Nieden, H., Guleke, N., & Rehn, Edward. Chirurgie der oberen Gliedmassen. 6. Aufl. 608p. 8°. Stuttg., 1927.

— & **KLEINSCHMIDT, O.** Die Eingriffe am Gehirnschädel, Gehirn, Gesicht, Gesichtsschädel, an der Wirbelsäule und am Rückenmark. xii, 1058p. illust. 8°. Berl., J. Springer, 1935.

Forms 3. Bd, 1. T., Allg. Spez. Chir. Operationslehre (M. Kirschner)

GULEVICH, Vladimir Sergeevich, 1867-1933. Hefter, J. M. Biography and works of the Academician V. S. Gulevich. Arkh. biol. nauk, 1933, 33: 615-27, portr. [Obituary] Soviet. vrach. gaz., 1934, 38: 75.— [Obituary] J. Physiol. USSR, 1934, 17: 165-7, portr.

GULICK, Charlotte Emily Vetter. Emergencies. xiv, 173p. 12°. Bost., Ginn & Co. [1928] Forms Book 2, Gulick (The) hyg. ser. Bost. [1928]

GULIELMO di Brescia, 13th cent.

SCHMIDT, E. W. G. *Die Bedeutung Wilhelms von Brescia als Verfasser von Konsilien; Untersuchung über einen medizinischen Schriftsteller des xiii.-xiv. Jahrhunderts. 60p. 8°. Lpz., 1922.

GULIK, Pieter Johannus van. *De medisch-hygiënische dienst der Mijnbouw Maatschappij Redjang-Lebong gedurende het tijdvak 1925 tot en met 1929. xi, 100p. 6 pl. ch. tab. 8°. Amst., Scheltema & Holkema, 1930.

GULIK, R. H. van. Hayagriva: the mantrayanic aspect of horse-cult in China and Japan. 103p. 3 pl. fol. Leiden, E. J. Brill, 1935.

Forms Suppl. v.33, Internat. Arch. Ethnogr.

GULIN, Artur Wilhelm, 1863-1934. [Obituary] Fin. läk. säll. hand., 1934, 76: 569.

GULITZ, Erwin, 1898- *Ein Fall von multiplen Hautmetastasen eines Uterus-Karzinoms auf dem Bestrahlungsfeld. 22p. 8°. Bresl., A. Schreiber, 1932.

GULL, Sir William Withey, 1816-99.

Hale-White, W. [Biography] In his Great doctors, Lond., 1935, 208-26.

GULLAN, Mary Agnes. Theory and practice of nursing. 2. ed. xvi, 234p. 8°. Lond., H. K. Lewis & Co., 1925. Also 3. ed. xvi, 246p. 3 pl. 1930. Also 4. ed. xvi, 259p. illust. pl. diags. 1935.

GULLAND, George Lovell, 1862-

See Davidson, Leybourne Stanley Patrick, & Gulland. George Lovell. Pernicious anemia. 293p. 8°. Lond., 1930.

GULLICHSEN, Rolf. *Etude sur l'invagination intestinale; basée sur 234 cas provenant de 12 hôpitaux en Finlande. 133p. 8°. Helsin., Mercator, 1935.

— The same. 139p. 8°. Helsin., 1933.

Forms Suppl. 35, v.76, Acta chir. scand.

GULLSTRAND, Alvar, 1862-1934.

Ask, F. Nekrolog. Acta ophth., Kbh., 1930, 8: 247-52.— Dufour, M. [Nécrologia] Ann. ocul., Par., 1930, 167: 938-42.— Grönholm, V. [Obituary] Fin. läk. säll. hand., 1931, 73: 81-8.— Lebensohn, J. E. [Obituary] Eye Ear & Month., 1934, 13: 196.— Lundsgaard, K. K. K. [Obituary] Hospitalstidende, 73: 877.— Nordenson, J. W. [Obituary] Hygiea, Stockh., 1930, 92: 705-24, portr.— Rohr, M. von. Nekrolog. Zschr. ophth. Optik, 1930, 18: 129-34.

GULLSTRAND'S lamp.

See **Slitlamp.**

GULMANN, Maurice, 1909- *Les purgatifs par déséquilibre alimentaire (huile de ricin, manne, sorbite) [Paris] 54p. 8°. La Vésinet, C. Brande, 1935.

GULTZGOF, Basile, 1902- *Contribution à l'étude des formes cliniques de mucocèle frontale. 71p. 8°. Lyon, Bosc frères, 1935.

GUM [including resin and gum-resin]

See also **Balsam; Chewing gum; Mucilage;** also proper names of gums and resins as **Asafoetida; Olibanum, &c.**

AMERICAN GUM IMPORTERS ASSOCIATION, INC. Natural resins. 123p. 12°. Brooklyn, N. Y. [1938]

DENCKS, G. *Zur Kenntnis der Harzsäuren des Fichtenharz Balsams [Königsberg] 31p. 21½cm. Naumburg (Saale), 1937.

Anderson, E., & Ous, L. The composition and structure of mesquite gum. J. Am. Chem. Soc., 1930, 52: 4461-70.—Anderson, E., Russell, F. H., & Seigle, L. W. The gum from lemon trees. J. Biol. Chem., 1936, 113: 683-90. Also repr.—Barry, T. H. Resinous plant products. Science Progr., Lond., 1936, 31: 449-61.—Bauer, K. H., & Dimokostoulos, A. Ueber die Chemie der Harzbestandteile; zur Kenntnis der α -Elemisäure. Arch. Pharm., Berl., 1931, 269: 218-24.—Broughton, G., & Lee, Y. N. Adsorption of acids by synthetic resins. J. Phys. Chem., 1939, 43: 737-41.—Griffiths, J. G. A. Resins and pitch from ancient Egyptian tombs. Analyst, Lond., 1937, 62: 703-9.—Jacobs, M. B., & Jaffe, L. Method for identification of the common gums. Indust. Engin. Chem., 1931, 3: Anal. Ed., 210-2.—Leicester, H. M. The acryloid resins. Contact Point, 1938-39, 16: 233-5.—Malacarne, M. Sulla ricerca della resina nei grassi ed in particolare nei saponi. Gior. farm. chim., Tor., 1903, 52: 193-200.—Náray-Szabó, I. Röntgenographische Untersuchungen an Harzen. Biochem. Zschr., 1927, 185: 86.—Oramas, L. R. Gomas, resins, gomo-resinas, oleo-resinas de la Flora Venezolana. Mem. Congr. venezol. med. (1926) 1927, 5. Congr., 3: 165-221.—Picciotto. Blanchiment de la gomme. J. chim. méd., Par., 1867, 5. ser., 3: 493.—Raybaud, L. Sur une résine d'Hazongia. C. rend. Soc. biol., 1919, 82: 1298-300.—Sanborn, J. R. Industrial utilization of gums produced by fungi. J. Bact., Balt., 1936, 31: 90.—Shell, J. S. Chemistry of synthetic resins. J. Am. Dent. Ass., 1936, 23: 860-2.

— Allergy.

Beutner, R. The action of a special type of synthetic resins on the skin. J. Am. Inst. Homeop., 1939, 32: 205-8.—Dolgoft, A. Dermatosen durch Kunstharze. Arch. Gewerbepath., 1932-33, 4: 643-52.—Feinberg, S. M., & Schoenkerman, B. B. Karaya and related gums as causes of atopy. Wisconsin M. J., 1940, 33: 734-6.—Ferrand, M., Rabreau, H., & Ukrainczyk. Intolérance aux résines chez un artiste peintre; tests cutanés. Bull. Soc. fr. derm. syph., 1937, 44: 77.—Glaser, E. Terpentin. Harze, Lacke, Firnisse in ihrem Einfluss auf die Haut in gewerblichen Betrieben, mit einem Anhang über Kunstharz. In Schädigungen d. Haut (Ullmann, K.) Lpz., 1926, 2: 354-66.—Leitman, D. C. [Resin dermatitis in chemical industries]. Soviet. vest. vener., 1933, 2: 496-501.—Schwartz, L. Dermatitis from synthetic resins and waxes. Am. J. Pub. Health, 1936, 26: 586-92.—Umansky, G. I. Ueber eine professionelle Dermatitis, verursacht durch Bienenharz Propolis. Derm. Wschr., 1934, 98: 177-80.

— Pharmacology, and therapeutics.

HALBFAS, J. *Beiträge zur Pharmakologie der Harze. 21p. 8°. Würzb., 1936.

RACHLI, A. *Contribution à l'étude de traitement biologique des infections par la themsaline et le lipodétermopénol en oto-rhino-laryngologie. 26p. 22½cm. Genève, 1939.

Bouveyron, A. Actions eupéptiques très complexes et action eutrophique éventuelle de certaines gommés. Lyon méd., 1938, 162: 633-40.—Caractères distinctifs de différentes résines quise trouvent ordinairement comme diastatique dans les remèdes secrets. J. chim. méd., Par., 1867, 5. ser., 3: 113.—Charles, P. La gélatine dans les pastilles de gomme. Ann. falsif., Par., 1913, 6: 384.—[Colophonium-tars] Ny pharm. tid., Kbh., 1879, 11: 269.—Dietrich, C. Notizie sull'assaggio razionale dei balsami, resine e gommaresine officinali. Gior. farm., Trieste, 1897, 2: 321; 356. — L'analisi dei balsami, delle resine, delle gommaresine officinali. Ibid., 1898, 3: 198-203.—Favrot, C. Dosage de la gomme dans le sirop de gomme. J. chim. méd., Par., 1867, 5. sér., 3: 257-65.—Finck, I. Die Anwendung der Harzlösung (Cleol) in der Orthopaedie und Chirurgie. St Petersburg. med. Wschr., 1912, 37: 170.—Fischer, R. Aloe, Catechu, Galla, Manna, Opium, Gummi- und Harzdrogen. In Leitfaden pharmakogn. Untersuch. (R. Wasieky) Lpz., 1936, pt 2, 367-84.—Gomes da Costa, S. F. Sur l'action anti-helminthique de la gomme-gutte. C. rend. Soc. biol., 1930, 103: 345-7.—Hollander, N. Contribution à l'étude des propriétés pharmacodynamiques de la jalapine et de la gomme-cutte. Ibid., 1925, 93: 1171-4.—Javelberg, G. J. [Secretion of ichthyol in relation to the quality of the sulfured schist resin]. Farmatsia, Moskva, 1939, No. 6, 9-12.—Kaufmann, E. Ueber die therapeutische Verwendung pflanzlicher Gummischleime (insbesondere Bassora- und Traganthgummi) Ther. Gegenwart, 1928, 69: 532-5.—Kroll, N. Beiträge zur Kenntnis der Harze; über die Untersuchung eines weichen, spiritlöslichen Manilkapals. Arch. Pharm., Berl., 1927, 265: 214-26.—Lange, O. Harzsalbenbehandlung eiternder Affektionen. Med. Welt, 1938, 12: 1495.—Liaci, L. Azione farmacologica di alcune resine allo stato colloidale. Biochim. ter. sper., 1937, 24: 529-37.—Molinari, G. Sull'azione disinfettante dei prodotti di combustione di alcune resine. Ann. igiene, 1924, 34: 489-91.—Momburg, F. Die Harzsalbe. Chirurg, 1939, 11: 12.—Reddelien, H. [Investigations of resin and gum-resin tinctures] Ny pharm. tid., Kbh., 1880, 12: 369; 401.—Scharf-billig. Ueber die Verwendung von Harzen in der Heilkunde. Wien. med. Wschr., 1938, 88: 822-4.—Taylor, P. B. Acrylic

resins: their manipulation. J. Am. Dent. Ass., 1941, 28: 373-87.—Tintura di prodotti resinosi. Gior. farm. chim., Tor., 1905, 54: 402.—Valette, G., & Liber, A. Pouvoir bactériocide des résines de convolvulacées. C. rend. Soc. biol., 1938, 128: 362.—Wanson, M. Le latex de caoutchouc en thérapeutique indigène Congolaise. Ann. Soc. belge méd. trop., 1936, 16: 291.

GUM Arabic.

See *Acacia*.

GUMBEL, E. J. La durée extrême de la vie humaine. 65p. 25½cm. Par., Hermann & cie, 1937.

GUMBEL, Erich, 1908— *Ueber Artefakte der Haut. 78p. 8°. Stetten-Basel, K. Schahl, 1934.

GUMERMAN, George, J., 1906— *Coronary disease [Univ. Wisconsin] 13p. 4°. Fond du Lac, Wis., 1931.

Typewritten.

GUMMA.

See *Granuloma*, infectious; also under proper names of infections as *Syphilis*.

GUMMEL, Hans, 1908— *Beitrag zur Frage der Entstehung der Infarktnekrose an Hand des histologischen Bildes implantierter Kalbshypophysen bei einer Frau mit hypophysärer Magersucht. 11p. 8°. Berl., H. Michel, 1935.

GUMMER, Heinrich, 1908— *Untersuchung über Frühsterblichkeit und Frühgeburt [München] 20p. 8°. Birkeneck-Freising, S. Georgsheim, 1934.

GUMMERSBACH, Heinz. Die Kriminalpsychologie und ihre Bedeutung für die praktische Seelenkunde. 69p. illust. 21cm. Bad Homburg, Siemens-Verl. Ges., 1938.

GUMMERSHEIMER, Julius, 1904— *Beitrag zur Anthropologie und Vererbungslehre [Tübingen] 23p. 8°. [Berl., H. Pusch & Co.] 1930.

GUMMERT, Ludwig, 1864-1932. Eickenbusch-Hartenstein, A. Nekrolog. Zbl. Gyn., 1932, 56: 3058-60, portr.

GUMMI gutti.

See under *Gum*.

GUMMINGER, Paul, 1910— *Ueber Frühergebnisse der Thorakokaustik. 17p. 8°. [Heidelb., n. pub.] 1935.

GUMPEL [Ludwig Bernhard Gustav] Fritz, 1897— *Aneurysma der Arteria tibialis posterior auf luetischer Grundlage. 32p. 8°. Lpz., F. Richter, 1923.

GUMPERT, Martin, 1897— Die gesamte Kosmetik (Entstellungsbekämpfung) ein Grundriss für Aerzte und Studierende. 228p. 8°. Lpz., G. Thieme, 1931.

— Hahnemann; die abenteuerlichen Schicksale eines ärztlichen Rebellen und seiner Lehre, der Homöopathie. 256p. portr. 8°. Berl., S. Fischer [1934]

— Trail-blazers of science; life stories of some half-forgotten pioneers of modern research; transl. from the German by Edwin L. Shuman. viii, 306p. 8°. N. Y., Funk & Wagnalls Co., 1936.

— Dunant, the story of the Red Cross. vi, 323p. front. portr. 22cm. N. Y., Oxford Univ. Press, 1938.

— Heil hunger! Health under Hitler; transl. from the German by Maurice Samuel. vii, 128p. 22½cm. N. Y., Alliance Book Corp. [1940]

GUMPERTZ, Karl, 1867— Psychotherapie und religiöse Kulthandlungen. 58p. 8°. Stuttg., F. Enke, 1929.

Forms Heft 9, Abh. Psychother.

GUMS.

See Gingiva.

GUN, William Townsend Jackson, 1876—*Studies in hereditary ability.* 2 p. l. 288p. 8°. Lond., G. Allen & Unwin, 1928.

GUN [and projectile]

See also Gunpowder; Gunshot wound; Munition; Weapon.

Jochum, G. *Getarnte Schusswaffen. 14p. ch. 22½cm. Heidelb., 1936.

STRATZ, C. H. Englische Platzgeschosse R. A. 16. VII aus der grossen Offensive vom 21. März 1918. 24p. 8°. Stuttg., 1918.

Heussner, H. L. The rifle and its bullet. *Sc. American*, 1915, 80: Suppl., 268.

Forensic aspect.

CATALANO, C. *A. ação dos projectis de armas de fogo sobre as vestes; trabalho realizado no Instituto de Medicina Legal Oscar Freire. 40p. 8°. S. Paulo, 1928.

FLEURY SILVEIRA, G. *Determinação da data do uso de uma arma de fogo e da munição. 76p. 8°. S. Paulo, 1926.

LABORDE, A. *Identification des douilles et des projectiles tirés par les pistolets automatiques. 92p. 24½cm. Alger, 1934.

SOKOL, J. *Die Bestimmung des Zeitpunktes, wann eine Waffe das letztmal beschossen und eine Patrone verfeuert wurde. 16p. 23cm. Bern, 1939.

STAUB, C. J. *Médecine légale actuelle des armes de chasse. 54p. 8°. Strasb., 1932.

TING, WEN-YUAN. *Die Identifizierung der Waffen bei Schussverletzungen. 49p. 8°. Frankf. a. M., 1934.

Balthagard, V. Identification des projectiles de revolver en plomb nu. *C. rend. Acad. sc.*, 1909, 148: 188-90.—Berntheisel, Chavigny & Laborde. Une expertise d'identification de balles de revolver (balles en plomb nu) Strasbourg méd., 1929, 89: 185-7.—Boyer, J. Comment les experts identifient les balles des assassins. *Nature*, Par., 1922, 50: pt 2, 33-6.—Busatto, S. Perizia giudiziaria per identificazione di proiettile. *Arch. antrop. crim.*, Tor., 1933, 53: 1378-81.—Cordonnier. Un nouveau procédé d'identification des projectiles. *Ann. méd. lég.*, 1926, 6: 481-8.—Dérome, W. Identification de douilles et de balles avec un automatique. *Union méd. Canada*, 1927, 56: 252-64.—Goddard, C. H. Forensic ballistics; an illustrated lecture on the identification of bullets and firearms in homicide cases, with special emphasis on the part played by the medical profession. *Med. Times*, N. Y., 1929, 57: 183-9.

Scientific identification of firearms and bullets. *J. Am. Inst. Crim.*, 1926, 17: 254-63. Also repr. — The identification of projectiles in criminal cases. *Mil. Surgeon*, 1926, 58: 142-53, pl. — Bullets as evidence in shooting cases; important considerations relative to their removal and preservation. *N. York State J. M.*, 1926, 26: 701-4.—Hoover, J. E. Forensic firearms identification. *Am. J. M. Jurispr.*, 1939, 2: 88-93.—Koopmann, H. Terzerole als gefährliche Werkzeuge. *Deut. Zschr. gerichtl. Med.*, 1939, 31: 44-8.—Mage, J., & de Rechter, G. Communication sur l'identification des douilles et des projectiles tirés. *Ann. méd. lég.*, 1923, 3: 530-7.—Manczarski, S., & Neumann, J. Application de la photographie à rayons infra-rouges pour la recherche sur les vêtements de marques de coups de feu tirés à courte distance. *Ibid.*, 1938, 18: 728-36.—Mangili, C. In tema d'identificazione d'arma da fuoco corta. *Gazz. internaz. med. chir.*, 1932, 40: 225-30.—Matwejeff, S. N. Zur Identifizierung der Selbstladepistolen. *Deut. Zschr. gerichtl. Med.*, 1929, 13: 461-8. — Ueber die Identifizierung von Militärgewehren und Obres. *Ibid.*, 14: 229-34.—Preuss, A. Tötung durch Schuss auf direktem Wege oder durch abgeirrtes Geschoss? beweiskräftige Merkmale an einem abgefeuerten Geschoss. *Arch. Krim.*, 1935, 96: 168-70, 2 pl.—Raestrup, G. Die kriminaltechnische Untersuchung von Patronenhülsen und Geschossen. *Deut. Zschr. gerichtl. Med.*, 1926, 7: 242-58.—Seelig, E. Ueber den mikroskopischen Identitätsnachweis der Waffe aus den Spuren auf der Munitio; die Ermordung des Taxihaffeurs Schöberl; der Mord in der Teufelsmühle; der Schuss auf den Revierjäger V. *Arch. Krim.*, 1939, 104: 181-205, 12 pl.—Waizenegger. Ein weiterer Beitrag zur Untersuchung von Patronenhülsen. *Ibid.*, 1926, 79: 10-21.—Wilson, C. M. Two new instruments for the measurement of class characteristics of fired bullets. *J. Crim., Chic.*, 1936, 27: 97-107, 5 pl.

Projectile.

Alessandri, R. Sui proiettili austriaci da fucile rovesciati. *Policlinico*, 1916, 23: sez. prat., 1167-9.—British and German small arm ammunition, memorandum communicated by the War Office respecting British and German service ammunition. *Brit. M. J.*, 1914, 2: 895.—Bullets (The) of the fighting nations, how the shape of a bullet affects its flight. *Sc. American*, 1915, 112: 400.—Curious projectiles; specimens of German and Austrian ingenuity. *Ibid.*, 1919, 87: Suppl., 28.—De Dominicis, A. Sul rimbalzo e la deviazione dei proiettili. *Morgagni*, 1923, 65: (Arch.) 37-40.—Fessler. Eine neue Zusammensetzung des englischen Infanterie-Spitzgeschosses. *Münch. med. Wschr.*, 1918, 65: 793.—Fleischer. Englische Patronen mit Aluminiumspitze. *Deut. med. Wschr.*, 1914, 40: 2083.—Flying bullets. *Nature*, Lond., 1896-97, 55: 79.—Freire, O. Valor da estriação lateral dos projectis na determinação das armas. *Brazil med.*, 1920, 34: 94.—German, French, and British bullets. *Brit. M. J.*, 1914, 2: 990.—Marx. Die Konstruktion und Wirkung des englischen Infanteriegeschosses. *Deut. med. Wschr.*, 1915, 41: 890.—Nancrede, C. B. The laws of physics and ballistics, the true explanation of the lodgement and deflection of the majority of modern small-arm projectiles, not the ricochet hypothesis. *J. Ass. Mil. Surg. U. S.*, 1903, 12: 67-71. Also repr.—New (The) German rifle bullet. *J. R. Army M. Corps*, 1906, 6: 359-63.—Pedroli, G. Sull'uso dei proiettili deformati da parte dell'esercito abissino. *Gior. med. mil.*, 1936, 84: 429-35.—Quayle, P. P. Photography of bullets in flight. *Nature*, Lond., 1922, 110: 514.—Vennin, H. Les déformations de la balle D tirée sur plaque d'acier à courte distance. *Arch. méd. pharm. mil.*, Par., 1911, 57: 299-312.

Projectile: Effects.

See also Gunshot wound, Pathology.

BONNETTE, P. J. Dangers des tirs à blanc; effets dynamiques et vulnérants des cartouches à fausse balle. 232p. 8°. Par., 1907.

Bussa Lay, E. Sullo sdoppiamento o scamicamento e sul rovesciamento o capovolgimento dei proiettili d'arma da fuoco. *Gazz. internaz. med. chir.*, 1923, 28: 78-80.—Effet calorique des balles de fusil. *Paris méd.*, 1918, 29: 178.—Gião, M. Os modernos projecteis d'infantaria e os seus effectos sobre o organismo. *Polytechnia*, Lisb., 1905, 1: 200-35.—Goddard, C. Stopping power. *Mil. Surgeon*, 1935, 76: 57-71.—Hinricsson, H. [On the action of projectiles] *Nord. med.*, 1939, 2: 1562-4.—Lewin, L. Das Verhalten von Kugeln aus einer Bleinatriumlegierung gegen Wasser. *Münch. med. Wschr.*, 1918, 65: 38.—Riedinger, F. Ueber die Wirkung moderner Projectile. *Verh. Phys. med. Ges. Würzburg*, 1909, n. F., 40: 93-102, 11 pl.

Projectile, explosive.

Curtschmann, F. Heimarbeit in der Dumdumgeschoss-Fabrikation. *Zbl. Gewerbehyg.*, 1915, 3: 57-61.—Ferrarini, G. A proposito dei proiettili esplosivi usati dall'esercito austriaco nella guerra attuale. *Riv. med. leg.*, 1915, 5: 161-9.—Horsley, V. Memorandum on the .303 (174 grains) Mark VII English service rifle bullet in reference to explosive effects. *Brit. M. J.*, 1914, 2: 896.—Lardy. A propos des balles explosives. *J. méd. chir.*, Par., 1915, 86: 455-8.—London letter; explosive phenomena in gunshot injuries. *J. Am. M. Ass.*, 1918, 70: 333.—Thöle. Die Wirkung von Dum Dum-Geschossen; nach Schiessversuchen und klinischen Beobachtungen. *Veröff. Heer. San.*, 1939, H. 110, 147-260.—Wallace, R. How the Austro-Hungarians made war in Serbia [explosive bullets] *Internat. J. Surg.*, 1918, 31: 59.—Weiss, H. Die explosionsartigen Wirkungen der modernen Geschosse. *Naturwiss. Wschr.*, 1906, 21: 513-23.

Shooting.

Bruchter, A. [Effect of fusillade on people near by] *Budapesti orv. ujs.*, 1931, 29: 257-60.—Flik, G. Experimentelle Untersuchungen über das Schiessen. *Arch. ges. Psychol.*, 1935, 94: 122-56.—Ginestous, E. Les tireurs aux yeux ouverts. *Concours méd.*, 1940, 62: 327.—Glässner, G. Die Willensbetätigung beim Gewehr-schiessen. *Arch. ges. Psychol.*, 1937, 98: 311-20.—Henry, M. The rifle club as an extracurricular activity. *J. Health Phys. Educ.*, 1940, 11: 548.—Lochte, T. Ueber das Ergebnis von Schiessversuchen bei künstlichem Winde. *Deut. Zschr. gerichtl. Med.*, 1926-27, 9: 166-8.—Meltzer, O. Experimentelle Untersuchungen über die Einübung des Schiessens durch Leerschuss mit Abkommenskontrolle. *Arch. ges. Psychol.*, 1938, 101: 205-40.—Messerle, N. Puls, Elektrokardiogramm, Atmung und Galvanogramm bei Schiessversuchen. *Zschr. ges. Neur. Psychiat.*, 1927, 108: 142-51.—Meyer. Experimentelle Analyse psychischer Vorgänge beim Schiessen mit der Handfeuerwaffe. *Arch. ges. Psychol.*, 1911, 20: 397-400.—Schmidt. Anlage und Herstellung von Schiessständen für Krieger- und Schützen-Vereine zur militärischen Vorbereitung der Jungmannschaften. *Gesundheit*, 1916, 41: 65; 81.—Weber, H. Zur graphischen Analyse der Bewegungen der Visierlinie während des Ziels und deren Beziehungen zum Abkommen. *Arch. ges. Psychol.*, 1935, 94: 33-121.—Wirth, W. Psychophysische Beiträge zur Lehre vom Zielen und Schiessen (zur psychophysischen Ballistik) *Ibid.*, 1-32.

GUNCOTTON.

See *Cellulose*, Derivatives.

GUNDEL, Max, 1901— Die Typenlehre in der Mikrobiologie; ihre Grundlagen und ihre Bedeutung für die Epidemiologie, Klinik und Therapie. viii, 192p. 8°. Jena, G. Fischer, 1934.

— Die ansteckenden Krankheiten; ihre Epidemiologie, Bekämpfung und spezifische Therapie. viii, 641p. illust. 8°. Lpz., G. Thieme, 1935.

— Grundriss der Mikroparasitologie und der Infektionskrankheiten. 175p. illust. pl. 8°. Lpz., Quelle & Meyer, 1937.

— & **SCHUERMANN, Walter**. Lehrbuch der Mikrobiologie und Immunobiologie; zugleich 2. Aufl. des Leitfadens der Mikroparasitologie und Serologie von E. Gotschlich & W. Schürmann. viii, 456p. illust. 23½cm. Berl., J. Springer, 1939.

GUNDEL, Wilhelm, 1880— Sterne und Sternbilder im Glauben des Altertums und der Neuzeit. vii, 353p. 22½cm. Bonn, K. Schroeder, 1922.

GUNDEL, Willi, 1908— *Säurebildung, Entleerungszeit und Sekretion des Magens bei Ikterus. 16p. 22½cm. Greifsw., H. Adler, 1937.

GUNDER, Walter, 1907— *Funktionelle Genitalblutungen der Frauen und ihre Beeinflussung durch die Strahlentherapie. 56p. 8°. Bresl., K. Vater, 1935.

GUNDERMANN, Kurt, 1910— *Kreuzschmerzen der Frau; Genese und Behandlung. 19p. 11cm. [Erlangen] 1937.

GUNDERSEN, Adolf, 1865–1938. Brandt, T. [Obituary] Norsk. mag. laegevid., 1938, 99: 1279–82, portr.

GUNDLACH [Friedrich] Viktor, 1901— *Ueber Asphyxie bei Neugeborenen. 19p. pl. 8°. Kiel [n. pub.] 1927.

GUNDLACH, Heinz, 1912— *Die Spätkgeburten; Häufigkeit und klinischer Verlauf. 55p. 23cm. Berl., K. & R. Hoffmann, 1938.

GUNDOBIN, N. P. Die Besonderheiten des Kindesalters, grundlegende Tatsachen zur Erkenntnis der Kinderkrankheiten; deutsche Ausg. von S. Rubinstein. xx, 592p. 4°. Berl., 1921.

GUNDU.

See *Goundou*.

GUNWARDENE, Hugh O. High blood pressure and its common sequelae. xi, 172p. illust. 8°. Lond., Baillière, Tindall & Cox, 1935.

GUNIA, Edith, 1912— *Ueber die geschichtliche Entwicklung der Porzellanfüllung. 27p. 22½cm. Marb., H. Bauer, 1937.

GUNIDAN-Zasshi. Tokyo, No. 211–53, 1931–34.

GUNJAH.

See *Cannabis*.

GUNKEL, Heinrich, 1908— *Die Prinzipien der modernen Brückenarbeiten. 16p. 8°. Götting. [n. pub.] 1933.

GUNKEL, Ilse, 1909— *Die Pyramidalplastik oder die Goebell-Frangenheim-Stoeckel'sche Operation. 21p. 8°. Königsb.-Pr., J. Raabe, 1936.

GUNKEL, Margarethe, 1898— *Xeroderma pigmentosum [Berlin] 24p. 8°. Charlottenb., Gebr. Hoffmann, 1933.

GUNKEL, Paul, 1901— *Die Wundbehandlung des Theophrast von Hohenheim. 66p. 8°. Würzb., K. Triltsch, 1925.

GUNKELMANN, Heinrich, 1909— *Wann ist der gegebene Zeitpunkt zur Aufmeisselung der akuten Mastoiditis? [Frankfurt a. M.] 15p. 8°. Lauterbach-Hessen, F. Ehrenklauf, 1935.

GUNN, Clement Bryce, 1860–1933. Leaves from the life of a country doctor; ed. by Rutherford Crockett. 195p. 8°. Edinb., Moray Press [1935]

GUNN, Donald L.

See *Fraenkel*, G. S., & *Gunn*, D. L. The orientation of animals. 352p. 22½cm. Oxf., Eng., 1940.

GUNN, James Andrew, 1882— An introduction to pharmacology and therapeutics. 2 l. 220p. 16°. Lond., H. Milford, 1929. Also 2. ed. viii, 233p. 1931. Also 3. ed. viii, 237p. diags. 1932. Also 5. ed. viii, 240p. 1936. Also 6. ed. viii, 242p. [1940]

See also *Cushny*, Arthur R., *Edmunds*, C. W., & *Gunn*, J. A. A text-book of pharmacology and therapeutics. 11. ed. 808p. 8°. Phila. [1936] Also 12. ed. 852p. 1940.

Also editor of *Cushny*, Arthur Robertson, & *Edmunds*, [Charles] Wallis. A text-book of pharmacology and therapeutics. 9. ed. 743p. rev. 8°. Phila., 1928. Also 10. ed. 786p. 1934. Also *Whitla*, William. Pharmacy, materia medica, and therapeutics. 12. ed. 645p. 8°. Lond., 1933.

GUNN, John C. Gunn's domestic medicine. 8. ed. 768p. 8°. Springf., S. & J. Perry & J. McReynolds, 1836.

— Domestic medicine. xv, 604p. 8°. [n. p., n. pub., 1850]

— Newer family physician; or, Home-book of health. 150. ed. xiv, 1190p. 8°. Phila., W. H. Moore & Co., 1871. Also 213. ed. 2 pts xiv, 1189p.; 40p. 1885.

— The same. Neuer Hausarzt; oder, Handbuch der Gesundheit; ein vollständiger Leitfaden für Familien [u. s. w.] 35. ed. 1038p. 8°. Chic., W. H. Moore & Co., 1884.

— & **JORDAN, Johnson H.** Newest revised physician; being the first new domestic physician. 214. ed. 2 pts. xiv, 1189p.; 40p. 8°. Cincin. [n. pub.] 1887.

GUNN, Moses, 1822–87.

Flaxman, N. Pioneer Chicago surgeon. Illinois M. J., 1934, 66: 157–60.

GUNN, Robert Alexander, 1844— Everybody's doctor; a new and improved hand-book of hygiene and domestic medicine. xiii, 692p. 8°. N. Y., Dennis Mfg. Co., 1885.

— Truth about alcohol. 73p. 18°. Chic., Belford, Clarke & Co., 1887.

GUNNELL, Francis M., 1827–1922.

Biography. U. S. Nav. M. Bull., 1937, 35: 95, portr.

GUNN'S phenomenon.

See *Eyelid*, Movement: Synkinesia.

GUNPOWDER.

Becker, H. [Extraction of gun powder from the skin in gunshot wounds] Lek. wojsk., 1926, 8: 155.—**Karhan, W.** Lässt sich nach einem Schuss aus den Pulverresten die Art des Pulvers mikroskopisch feststellen? Deut. Zschr. gerichtl. Med., 1933, 21: 451–6.—**Lindsay, H. C. L.** Removal of powder tattoo by minor surgery. J. Am. M. Ass., 1937, 109: 1530.—**Porta, C. F.** Ueber den Wert des Schwefelnachweises zur Erkennung von Schwarzpulver. Deut. Zschr. gerichtl. Med., 1931, 17: 237–43.

GUNSAULUS, Helen Cowen. The Japanese collections (Frank W. Gunsaulus Hall) 19p. 6 pl. 8°. Chic., Field Mus. Nat. Hist., 1922.

Forms Leaflet No. 3, Field Mus. Nat. Hist. Dep. Anthropol., Chic., 1922.

— The Japanese new year's festival. games and pastimes. 18p. 4 pl. 8°. Chic., Field Mus. Nat. Hist., 1923.

Forms Leaflet No. 11, Field Mus. Nat. Hist. Dep. Anthropol., Chic., 1923.

— Japanese costume. 26p. 4 pl. 8°. Chic., Field Mus. Nat. Hist., 1923.

Forms Leaflet No. 12, Field Mus. Nat. Hist. Dep. Anthropol., Chic., 1923.

— Gods and heroes of Japan. 23p. 4 pl. 8° Chic., Field Mus. Nat. Hist., 1924.

Forms Leaflet No. 13, Field Mus. Nat. Hist. Dep. Anthropol. Chic., 1924.

— Japanese temples and houses. 20p. 4 pl. 8° Chic., Field Mus. Nat. Hist., 1924.

Forms Leaflet No. 14, Field Mus. Nat. Hist. Dep. Anthropol. Chic., 1924.

— The Japanese sword and its decoration. 21p. 4 pl. 8° Chic., Field Mus. Nat. Hist., 1924.

Forms Leaflet No. 20, Field Mus. Nat. Hist. Dep. Anthropol. Chic., 1924.

GUNSHOT wound.

See also **Homicide**; **Maiming**; **Suicide**; **War injury**; also under names of injured parts of the body as **Abdomen**; **Head**; **Heart**; **Thorax**, &c.; also in 3. ser. **Wounds**, gunshot.

BARRERAS Y FERNÁNDEZ, A., & CASTELLANOS, I. Heridas por proyectiles de armas de fuego portátiles. 444p. 26cm. Habana, 1937.

CUNHA, R. C. DA. *Feridas por armas de guerra. 22p. 8° Bahia, 1868.

SILVA, D. C. DA. *Estudo das principais questões relativas as feridas por armas de fogo. 253p. 8° Bahia, 1874.

BRITO, J. Ferimento do joelho por bala. Fol. med., Rio, 1937, 18: 519-21.—CHOSOKABE, Y. [Seventy-two cases of gunshot wounds treated by the hospital service in 1894-95] Tokyo med. Wschr., 1896, No. 936, 1-3; passim. — [Seventy-one cases of gunshot wounds in the recent Japanese-Chinese war] Tokyo iji shinshi, 1898, 2248. — [On gun-shot wounds in the recent Japanese-Chinese war] Ibid., 1899, 1620; passim. — [Supplementary note on gunshot wounds in the recent Japanese-Chinese war] Ibid., 1901, 266-73; 1090; 1862; 1907; 2040; 2145.—HOBSON, G. H. Gun shot injuries received in civil life. J. Kansas M. Soc., 1930, 31: 127-9.—HOEHE, O. Ueber Schussverletzungen in Albanien unter besonderer Berücksichtigung seltener Brustschüsse. Münch. med. Wschr., 1936, 83: 1514-7.—HUGHENS, H. V. Gunshot wounds in Nicaragua. Bull. U. S. Nav. M., 1934, 32: 191-3.—JACOB, O. Des blessures produites par les projectiles des armes à feu en temps de guerre. Rev. méd., Par., 1906, 15: 519-26.—JAKUBOVSKY, A. Y. [Gunshot wounds] Uzhny med. J., 1926, 53-7.—LODI, H. A. K. A case of bullet wound. Ind. M. Gaz., 1931, 66: 143.—MÁRQUEZ, G. Heridas por arma de fuego. Hosp. gen., Méx., 1928, 3: 24-6.—PAPIN, M. Les projectiles; le blessé de guerre. Concours méd., 1940, 62: 195-8.—PETRILLI, G. Note statistico-cliniche circa i feriti d'arma da fuoco ricoverati nel biennio luglio 1924-26. Arch. ital. sc. med. col., 1926, 7: 179-84.—PROPORTION of recoveries among wounded. Brit. M. J., 1915, 2: 935.—STEEN VAN OMMELEN, van den. Projectiel en verwonding. Med. wbl., Amst., 1915-16, 22: 401; 414; 425.—WESCOOT, A. P. The literature of gunshot injuries. Am. J. Police Sc., 1932, 3: 83-91.—YANAI, S. Sensation in the casualty at the moment of gunshot. Bull. Nav. M. Ass., Tokyo, 1933, 22: 3.

— Buckshot.

HEND, H. *Ueber das Verhalten der Nachschusszeichen und der Streuung der Schrotkörner bei Schrotflintenschüssen [München] 40p. 8° Speyer-R., 1934.

SEFRIN, A. *Ueber Schrotschussverletzungen [Heidelberg] 29p. 22½cm. Würzb., 1938.

CHAVIGNY, P. Verwundung durch Schrotgeschosse; stereoradiographische Feststellung, ob einmal oder zweimal geschossen wurde. Arch. Krim., 1937, 100: 37-9.—FRIEDRICH, R. Schrotschuss mit Gasbrand. Zbl. Chir., 1930, 57: 1785-7.—H. Berechnung der Schussdistanz bei Schrotflintenschüssen. Arch. Krim., 1936, 98: 71-3.—TSIPKOVSKY, V. P. [Case of fatal wounding of a pregnant woman and fetus with buckshot] Vrach. delo, 1936, 19: 711-4.

— Complication.

NICKEL, E. *Schrapnellsteckschuss und Bleivergiftung. 28p. 8° Kiel, 1933.

SCHWARZENBACH, F. *Experimentelle Beiträge zur Frage der Infektion von Schusswunden [Bern] 50p. 8° Tramelan, 1897.

VENTURELLI, G. Contributo allo studio batteriologico delle ferite di guerra. 34p. 8° Zara, 1920.

Bacteriology of wounds in war, complications that have resulted from special conditions. Sc. American, 1916, 81: Suppl., 58.—EUSTACHIO, L. Il volto delle ferite da palle d'um-dum innanzi che si de' formi per complicitanze infettive. Arch. Soc. ital. chir., 1937, 43: 896-901.—GIRGOLAV, S. S. [Anaerobic, suppurative infection in gun shot wounds] Vrach. delo, 1940, 22: 427-30.—HALL, A. Z. An accidental gunshot wound and complications. J. Am. Inst. Homeop., 1940, 33: 287.—KARSNER, H. T. The relation of war wounds to acute endocarditis. Med. Rec., N. Y., 1918, 94: 172.—MACHLE, W. Lead absorption from bullets lodged in tissues; report of 2 cases. J. Am. M. Ass., 1940, 115: 1536-41. Also Clin. J., Lond., 1941, 70: 15.—MOHR, H. Kontusionsblutung unter das Epikard nach Brustdurchschuss ohne sonstige Verletzungen des Herzens. Aerztl. Sachverst. Ztg., 1935, 41: 227-9.—NEUMANN, H. Ueber Steckschüsse mit nachfolgender Bleivergiftung, im Vergleich mit anderen Steckschüssen und Fremdkörpern, insbesondere solchen der Nase. Mschr. Ohrenh., Wien, 1933, 67: 402-9.—Pathological anatomy of secondary hemorrhage after war wounds. Med. Rec., N. Y., 1918, 93: 813.—Secondary hemorrhage in war wounds. N. York M. J., 1917, 106: 755.—TERRA-ABRAMI, G. Circa la questione degli esiti dei traumasmi di guerra. Pensiero mpd., 1917, 7: 160-2.—TRENDLENBURG, F. Ueber Nosokomialgangrän. In Kriegsärztl. Vortr., 1915, Teil I, 226-39.—WEYRAUCH, F. Zur Frage der Bleivergiftung durch Steckschüsse. Deut. med. Wschr., 1932, 58: 887.

— Death.

See also **Accidents and injuries**; **Homicide**; **Suicide**, &c.

FRAASS, K. *Tod durch Flobertschuss [Düsseldorf] 20p. 21cm. Bottrop i. W., 1935.

KOSMAHL, P. *Befunde an Leichen mit tödlichen Schussverletzungen unter Berücksichtigung der Lebensdauer und Handlungsfähigkeit der Verletzten. 26p. 8° Bresl., 1932.

DAVIS, J. W. Gunshot wounds which caused the deaths of 3 of our presidents. Mil. Surgeon, 1935, 77: 23-9. Also repr. Also South. M. & S., 1935, 97: 19-21. Also repr.—GERLACH, P. Ueber eine tödliche Platzpatronenverletzung (Brustschuss) Deut. Militärärztl., 1937, 2: 353.—Gunshot wounds which caused the deaths of 3 of our presidents. Maine M. J., 1936, 27: 144-7.—Gunshot wounds mortality remains at World War level. Science News Lett., 1940, 37: 389.—MAZEL, P., & ROBIN, P. Blessures mortelles par coup de fusil chargé à plombs et tiré à longue distance. Ann. méd. lég., 1926, 6: 29-33.—STRASSMANN, G. Fatal wounds by firearms from the medicolegal point of view. Med. Times, N. Y., 1938, 66: 574-6.

— Examination.

CHARTON, G. *Orifice d'entrée des plaies par armes à feu dans les tirs obliques. 67p. 8° Par., 1936.

FARINHA, E. A. *A expectação nas feridas por bala de revólver. 79p. 8° Lisb., 1886.

SCHERER, H. *Ueber Flobertschüsse. 36p. 23cm. Zür., 1935.

WILMS, E. *Beiträge zur Wundballistik. 71p. 23cm. Berl.-Charlottenb., 1938.

GENOUCAUX, O. Las huellas de la ropa en las balas de plomo. Progr. clin., Madr., 1915, 5: 354-9.—GERLACH, W., & GERLACH, W. Spektrographische Untersuchungen alter Schussverletzungen. Deut. Zschr. gerichtl. Med., 1934, 23: 148-51.—GRILLI, A. Le ferite della campagna etiopica da proiettili di fucile incaniciati, nudi e dum-dum; dal punto di vista radiologico. Q. radiol., Belluno, 1938, n. ser., 3: 114-35.—MONTI, A. Struttura dei proiettili da fucile austriaco; caratteri delle ferite dai medesimi prodotte. Gazz. med. lombarda, 1916, 75: 49-51.—PIÉDELIEVRE, R. La constitution des orifices d'entrée des balles dans la peau. Ann. méd. lég., 1927, 7: 283-308. — L'étude expérimentale des orifices d'entrée des balles dans la peau. In Livres jubilé (Roger, G. H.) Par., 1932, 163-7.—SMITH, S. The investigation of firearm injuries. Clin. J., Lond., 1931, 60: 361; 379.—VOSKRESSENSKY, N. V. [Determination of the bullet path in gunshot wounds] Sudeb. med. ekspertiza, 1928, 18-20.—WESKI, O. Ueber die anatomische Rekonstruktion der Geschosslage. Berl. klin. Wschr., 1915, 52: 1335. Also Zschr. ärztl. Fortbild., 1916, 13: 77.

— Foreign body.

See also **Foreign body** (and its subdivisions)

HERRMANN, G. [H. P.] *Ueber Fremdkörper nach Schussverletzungen [Leipzig] 42p. 8° Zeulenroda, 1937.

HÖHNE, B. *Steckschüsse. 23p. 21cm. Münster i. W., 1937.

ARIABOSSE. Au sujet du procédé et appareil de guidage optique pour l'extraction des projectiles. Bull. Soc. électro radiol. méd. France, 1939, 27: 125 [Discussion] 322.—BOURGNET,

Trois cas d'extraction de balle de revolver. Bull. Soc. chir. Paris, 1928, 20: 263-8.—**Budai, A. S.** [Extraction of a missile fragment of 22 years' sojourn in the body] Vrach. delo, 1939, 21: 445.—**Chakerverty, K. B.** On a foreign body introduced by gunshot. Ind. M. Gaz., 1939, 74: 288.—**Chaussé, C.** Le repérage et l'extraction des projectiles au moyen du compas radio-lumineux. J. méd. Paris, 1940, 60: 57-69.—**Chéron, A.** Procédé et appareil de guidage optique pour l'extraction des projectiles repérés par la radioscopie. Bull. Soc. électroradiol. méd. France, 1939, 27: 83-8. Au sujet du procédé et appareil de guidage optique pour l'extraction des projectiles, réponse à M. Aribosse. Ibid., 322.—**Dreyer, L.** Zur Entfernung schwer auffindbarer Geschosse. Münch. med. Wschr., 1917, 64: 1090.—**Duval, P., & Barnsby, H.** Balle de fusil mobile dans le segment péricardique de la veine cave inférieure; extraction par péricardotomie et incision de la veine cave. Bull. Soc. chir., Par., 1918, 44: 1138-42.—**Holzkecht, E.** Eine neue Anlage für Fremdkörperoperationen unter direkter Leitung des Röntgenlichtes. Wien. klin. Wschr., 1916, 29: 892.—**Lapointe, A.** L'extraction sous l'écran radioscopique des projectiles à situation variable. Presse méd., 1917, 25: 381.—**McClelland, C. C.** Removal of BB shot with giant magnet. J. Michigan I. Soc., 1939, 38: 216.—**Maffi, I.** I criteri di opportunità di intervento per la estrazione dei proiettili. Riforma med., 1917, 33: 622.—**Maragliano, V.** Proiettile iuxta-cardiaco e proiettile endo-cardiaco. Policlinico, 1917, 24: sez. prat., 496.—**Maulaire, E.** L'ablation des projectiles sous l'écran. Presse méd., 1918, 26: 366.—**Růžek, J.** [Removal of projectiles lodged in tissues] Voj. zdrav. listy, 1928, 4: 80-7.—**Schoenwerth, D.** Der Steckschuss. Veröff. Heer. San., 1939, H. 110, p. v-xii; 1-146.

Foreign Body: Localization.

BELLUCCI, B. Metodi per la ricerca e la localizzazione dei proiettili nel corpo umano; casi clinici di localizzazione e di estrazione. 44p. 8°. Perugia, 1917.

MIEHR, R. *Eine anatomische Nachprüfung von stereo-röntgenographisch lokalisierten Steckschüssen. 44p. 8°. Erlangen, 1937.

Also Fortsch. Röntgenstrahl., 1938, 57: 545-67.

Andraut, G. A. Sur l'inutilité d'un centrage rigoureusement exact de l'ampoule dans un groupe important de procédés de localisation. J. radiol. électr., 1916-17, 2: 484.—**Aribosse, J.** Un procédé de radiographie ortho-cinéique; application à la mensuration des os et à la localisation des projectiles. Bull. Soc. électroradiol. méd. France, 1939, 27: 133-8.—**Baumer, W.** Eine einfache Methode zur Veranschaulichung der topographischen Lage von Geschossen. Aerzt. Rdsh., 1916, 26: 109.—**Bélère, H.** L'examen radiologique au lit du blessé. Presse méd., 1918, 26: 275.—**Bergonié, J.** Recherche et localisation des projectiles magnétiques par l'électro-aimant actionné au moyen du courant alternatif. Arch. électr. méd., 1915, 25: 308.—**Blau, Ueber Röntgenaufnahmen bei Schussverletzungen.** Berl. klin. Wschr., 1916, 53: 1378.—**Bouchacourt, L.** Sur les applications à la chirurgie de la méthode de la double projection radioscopique à 90° (à laquelle j'ai donné le nom de méthode de Monge) Bull. Acad. méd., Par., 1935, 3. ser., 113: 813-6.—**Charlier, J.** La mesure radioscopique de la profondeur des projectiles. Progr. méd., Par., 1916, 31: 192.—**Chassende Baroz & Gesteau.** Méthode et appareillage pour le repérage radioscopique des projectiles et le guidage au cours de l'extraction. Rev. Serv. san. mil., Par., 1940, 112: 169-81.—**Courmelles, F. de.** Projectiles thoraco-abdominaux et rayons X. Caducée, Par., 1917, 17: 8.—**Delherm, L., & Laborde, A.** Ecran combiné pour l'application pratique de diverses méthodes de localisation. Paris méd., 1918, 27: 183.—**Didiée, J.** Le repérage des projectiles par les rayons X; principes fondamentaux. Monde méd., 1940, 50: 82-8.—**Fedktistov, V. I.** Determination of a foreign body (bullet) in body] Voen. med. J., Moskva, 1913, 2: 433-8.—**Foveau de Courmelles.** Nouveaux procédés de repérage des projectiles. Caducée, Par., 1918, 18: 22.—**Fromentin, J.** Procédé radioscopique rapide de localisation des projectiles. C. rend. Acad. sc., 1917, 164: 519. Also J. radiol. électr., 1918, 3: 75.—**Garrand, T.** Procédé de localisation rapide des projectiles. Arch. électr. méd., 1915, 15: 319-24.—**Grandgérard, R.** Méthode radioscopique de localisation des projectiles par lecture directe et appareil de recherche chirurgicale. Paris méd., 1916, 18: 165-8.—**Haga, S.** [The Roentgen rays in gunshot wounds] Chungai iji shinpo, 1904, 25: 1-7.—**Hasselwander, A.** Ueber die Lagebestimmung von Steckschüssen. Sitzber. Phys. med. Soz. Erlangen (1939) 1940, 71: 369-75.—**Hirtz, E. J.** L'examen radiologique des blessés et la recherche des projectiles. Arch. méd. pharm. mil., 1916, 65: 499-521.—**Holzkecht, E.** Röntgenoperation oder Harpunierung? Durchleuchtung oder Aufnahme? Münch. med. Wschr., 1917, 64: 134.—**Impallomeni, S.** La diagnosi radiologica delle ferite da proiettili di armi portatili nella campagna etiopica. Ann. radiol., Bologna, 1939, 13: 525-40.—**Ivanov, I. K.** [Roentgenoscopic determination of the depth of penetration of a foreign body by means of a support having the screen and tube attached to the same carriage] Vest. rentg., 1936, 16: 128-32.—**Le Fauguys.** Note sur un procédé de repérage directe des projectiles. J. radiol. électr., 1914-15, 1: 672.—**Locating bullets in human bodies; operations made accurate by the Roentgen ray.** Sc. American, 1916, 81: Suppl., 373.—**Moret, F., & Boucher, A. E. L.** Contribution à l'emploi pratique du procédé de Patte

pour la localisation des projectiles. Presse méd., 1940, 48: 76.—**Orthodiascope** Cl. Ropiquet et localisation des projectiles. Arch. électr. méd., 1917, 27: 496-515.—**Perrigat, C. A.** Technique et résultats de la recherche des projectiles de guerre avec le compas localisateur de Hirtz à l'Hôpital Maritime de Rochefort. Arch. méd. pharm. nav., 1917, 104: 181-201.—**Picart-Ledoux.** Dispositif pour la localisation des projectiles en profondeur par le procédé de Haret. J. radiol. électr., 1918, 3: 75.—**Rossi, A.** Radiologia di guerra: la radiografia stereoscopica nella localizzazione dei proiettili. Policlinico, 1917, 24: sez. prat., 1245.—**Schulze-Berge.** Lokalisation und Entfernung von Fremdkörpern (Steckschüssen) mit Hilfe von Röntgendurchleuchtung. Arch. klin. Chir., 1934, 180: 637-40.—**Sopra** di alcune cause di errore nella ricerca e nella localizzazione dei proiettili per mezzo dei raggi X. Policlinico, 1916, 23: sez. prat., 1363-5.—**Strohl, A.** Procédé simple pour localiser rapidement les projectiles par la radioscopie. J. radiol. électr., 1916, 2: 173.—**Tison, J.** Dispositif pratique complémentaire de la méthode du Docteur Haret pour la localisation radioscopique des corps étrangers. Ibid., 485.—**Toussay, S.** Demonstration of a simplified technique for X ray localization of bullets in the thicker portions of the body. N. York M. J., 1910, 92: 848-50. Also repr. Device for roentgenographic location of bullets and other foreign bodies in wounds. J. Am. M. Ass., 1917, 69: 1521.—**Ulrich.** Falsche Geschosslokalisierung. Röntgenpraxis, 1939, 11: 198.—**Vergely, A.** Processo simples e exacto de localisação dos projectis nos ferimentos de guerra. Gaz. clin., S. Paulo, 1932, 30: 146.

Foreign body: Migration.

Achard, C., & Binet, L. Recherches expérimentales sur la migration des corps étrangers métalliques dans le courant circulatoire. Bull. Acad. méd., Par., 1918, 3. ser., 80: 72-7.—**Ask-Upmark, E., & Störtebecker, T.** Contribution to the knowledge of wandering of projectiles within the cavities of the central nervous system. Acta psychiat. neur., Kbh., 1936, 11: 145-64.—**Bugliari, G. R., & Singitico, G.** Proiettile ritenuto da 18 anni nella cavità del ventricolo D. ed ivi giunto per via embolica dalla vena iliaca comune di D.; contributo allo studio dei proiettili migratori nel torrente circolatorio. Clinica, Bologna, 1935, 1: 549-76.—**Colville, H. C.** A wandering bullet. Med. J. Australia, 1919, 1: 236.—**Cotte, G., & Arcelin, F.** Migration secondaire d'une balle du ventricule droit dans la veine hypogastrique. Lyon méd., 1921, 130: 753-6.—**Curtillet, E.** Les projectiles intra-vasculaires migrants. J. chir., Par., 1934, 44: 715-37.—**Debeyre & Lorgnier.** Un cas de migration tardive d'une balle de fusil, de la veine cave inférieure au ventricule droit. J. radiol. électr., 1918, 3: 66-8.—**Gregory, H. L.** Another wandering shrapnel ball. Brit. M. J., 1917, 1: 482.—**Haberland, H. F. O.** Geschosswanderung. Zbl. Chir., 1938, 65: 1655-8.—**Hänel, F. F.** Zur Frage der Geschosswanderung. Arch. klin. Chir., 1933-34, 178: 431-6.—**Hasselbach, H. von.** Zur Frage der Geschosswanderung. Zbl. Chir., 1935, 62: 1108-11.—**Kanert, W.** Ist die echte Geschosswanderung selten? Arch. orthop. Unfallchir., 1935-36, 36: 212-4.—**Koetzle, N.** Neue Beiträge zur Frage der Geschosswanderung. Aerzt. Mschr., 1929, 303-8.—**Lyle, H. H. M.** Migration of shell fragment from right femoral vein to right ventricle of heart; generalized gas bacillus infection. J. Am. M. Ass., 1917, 68: 539. Also repr.—**Mennet, F.** Observation radiologique d'un projectile dans le ventricule droit, arrivé par la veine cave inférieure. Bull. Acad. méd. Par., 1918, 3. ser., 73: 148-50.—**Migration of projectiles in the blood stream.** Lancet. Lond., 1917, 2: 395.—**Moskatenko, V. V.** [Migration of bullets in the circulatory system] Vest. khir., 1933, 30: 28-45.—**Mühlpfordt, H.** Seltene Wanderung eines Geschosses, zugleich ein Beitrag zur Entstehung der Nebennierendenzündung. Derm. Wschr., 1929, 89: 1169-71.—**Noccoli, G.** Penetrazione di proiettile nella cavità del cuore; migrazione nel torrente circolatorio ed embolia dell'arteria iliaca primitiva. Riv. med. leg., 1916, 6: 298-301.—**Perdoux.** Plaie du cœur par balle; migration de la balle dans l'artère iliaque primitive; extraction, guérison. Bull. Soc. chir. Paris, 1919, 45: 632-7.—**Piedelèvre, R., & Etienne-Martin, P.** Projectiles migrants (conditions de pénétration des balles dans les vaisseaux) Presse méd., 1933, 41: 1681-3.—**Prokop, F.** [Intravital migration of a bullet into the pulmonary artery from a gunshot wound in the sacral region] Bratisl. lek. listy, 1935, 15: 681-94. 2 pl.—**Roffey, A. H. W.** Two cases of shrapnel migration. Med. Press & Circ., Lond., 1934, 188: 448.—**Rouault.** Pénétration d'une balle dans la crosse de l'aorte; arrêt dans la fémorale. Presse méd., 1918, 26: 94.—**Rubesch, R.** Ein Beitrag zur embolischen Verschleppung von Projektilen. Beitr. klin. Chir., 1912, 80: 394-407.—**Ruhl, F.** Ein seltener Fall von Geschosswanderung. Zbl. Chir., 1938, 65: 2823.—**Saint-Avid, P. de, & Léonard, R.** Migration d'un projectile de guerre de la cuisse au poulmon. Presse méd., 1926, 34: 532.—**Sergievskaja, N. V.** [Case of spontaneous liberation of the heart from an imbedded rifle bullet by transposition into the femoral artery] Vest. khir., 1926, 6: 133-5.—**Seubert, R.** Ein weiterer Beitrag zur Geschosswanderung. Zbl. Chir., 1939, 66: 1337.—**Simon, A.** Wanderendes Geschoss. Zschr. Medbeamte, 1930, 43: 391.—**Steffens, W.** Zur Frage der Geschosswanderung. Arch. klin. Chir., 1934, 179: 762-70.—**Steinitz, E.** Ein interessanter Fall von Geschosswanderung. Münch. med. Wschr., 1918, 65: 794.—**Sussi, L.** Zur Frage der Geschosswanderung. Röntgenpraxis, 1935, 7: 384-6.—**Walcher, K.** Ueber embolische Verschleppung von Floberktugeln; Mitteilung von zwei weiteren Fällen. Zbl. Chir., 1932, 59: 1220-5.

Forensic aspect.

- BOLTE, H. [L. F.] *Zur Bestimmung der Schussentfernung bei Verwendung von Sinoxidmunition nach den bisher üblichen Methoden [Göttingen] 16p. 8°. Bleicherode a. Harz, 1937.
- FUCHS, J. *Ueber die Flammenwirkung bei Schüssen aus Faustfeuerwaffen als Kriterium des Nahschusses [München] 36p. 21cm. Kallmünz, 1937.
- FUNK, K. *Nahschussbefund als Aufklärung des Tatbestandes bei mehrfachen Schüssen. 29p. 8°. [Münster, 1932]
- HEFELE, M. *Systematische Studien über Schießpulvernachweis für gerichtlich-medizinische Zwecke. 46p. 8°. Münch. [1934]
- HORN, K. *Querschläger-Schussverletzungen und ihre gerichtliche Bedeutung [Münster] 19p. 8°. Düsseldorf, 1934.
- JÜRGENS [geb. LEWIE] H. [J. O.] *Ueber den Nachweis von Kupfer bei Kleiderschüssen zur Bestimmung der Schussentfernung. 15p. 22½cm. Greifswald, 1937.
- KOHLSCUTTER, H. [E. M.] *Zur Frage der Schussentfernungbestimmung für automatische Repetierpistolen bei Verwendung von Sinoxid- und Nicorromunition [Göttingen] 23p. 21cm. Bleicherode a. H., 1937.
- LADWIG, W. *Experimentelle Untersuchungen über die Frage des Vorkommens eines Schürfungsrings an Hautausschüssen. 23p. 21cm. Würzb., 1938.
- OLTZOW, K. *Nahschusspuren und neue Nachweismethode [Frankfurt] 18p. 8°. Lippstadt-Westf., 1934.
- PHILOUZE, G. *Coups de feu sans projectiles; armes de poche; étude médico-légale. 80p. 8°. Par., 1897.
- ROSENBAUM, G. *Die Unterscheidung von Selbstmordschuss und Schuss von fremder Hand untersucht an dem Material des gerichtsmmedizinischen Instituts in Düsseldorf [Münster] 32p. 22cm. Düsseldorf, 1936.
- VOLGER, B. [R. J.] *Chemische Methoden zur Bestimmung der Schussentfernung unter besonderer Berücksichtigung der Sinoxid-Munition [Göttingen] 23p. 21cm. Bleicherode a. H., 1937.
- Beck, W. V. Die Beurteilung eigentümlicher Schussverletzungen. Deut. Zschr. gerichtl. Med., 1939-40, 32: 325-8.
- Breitenecker, L. Ueber den Abdruck der Pistolenmündung auf Kleidern bei angesetzten Schüssen. Ibid., 1935, 25: 45-50.
- Brüning, A., & Schneka, M. Ueber die chemische Untersuchung und die Beurteilung von Einschüssen. Arch. Krim., 1937, 101: 81-9.
- Buhtz, G. Metallspuren in Einschüssen. Deut. Zschr. gerichtl. Med., 1931-32, 18: 609-25.
- Busatto, S. Sulla disposizione a coccarda degli aloni di affinitaria negli strati profondi degli indumenti. Arch. antrop. crim., Tor., 1935, 55: 896-902.
- Canuto, G. Iconografia medico-legale; omicidio e suicidio per ferite d'arma da fuoco. Ibid., 1938, 58: 340-3.
- Chavigny, P. Recherche des projectiles au cours de autopsies médico-légales. Ann. méd. lég., 1926, 6: 533-6.
- Orifice d'entrée des projectiles. Ibid., 1927, 7: 569-72.
- Etude médico-légale critique sur les brûlures imputées aux coups de feu. Strasbourg méd., 1929, 89: 517; 601.
- Balles accidentellement basculées; balles retournées; balles explosives, etc. Ann. méd. lég., 1937, 17: 537-9.
- Ciafardo, R. El valor diagnóstico de la ausencia de tatuaje en las heridas por arma de fuego. Rev. As. méd. argent., 1937, 50: 5-12.
- Crossman, E. C. Science turns detective. Sc. American, 1927, 136: 18-21.
- Cuelli, L. F., & Bonnet, F. El examen roentgenológico en las lesiones por armas de fuego; su importancia en la pericia médico-forense. Rev. As. méd. argent., 1940, 54: 794-7.
- Also Sem. méd., B. Air., 1940, 47: pt 1, 1070-9.
- Del Carpio, I. I metodi fotometrici nello studio delle ferite da arma da fuoco. Arch. antrop. crim., Tor., 1934, 54: 901-19.
- Desoille, H., & Hausser, G. Sens de pénétration d'une balle déterminé par l'examen d'une côte. Ann. méd. lég., 1939, 19: 486-9.
- Diagnostic (Le) de l'homicide et du suicide par coup de revolver. Rev. gén. clin. théor., 1934, 48: Suppl. 580-6.
- Dyrenfurth & Weimann. Lückenlose gerichtliche Feststellung einer Tötung durch Erschiessen nach 7 Jahren; ein Beitrag zu den Erfolgsmöglichkeiten der Exhumierung. Deut. Zschr. gerichtl. Med., 1926-27, 9: 319.
- Ueber Nachweis und Fixierung von Nahschusspuren. Ibid., 1927-28, 11: 288-90.
- Eidlin, L. M. Röntgenographischer Nachweis des Metallringes am Einschuss (ein neues Merkmal für Schussverletzungen) Ibid., 1933, 22: 204-20.
- Elbel, H. Experimentelle Untersuchungen über den Schmutzsaum bei Schussverletzungen. Ibid., 1937, 28: 359-65.
- Schusswinkel und Schmauchbild. Ibid., 1939, 32: 165-71.
- Erhardt, K. Der Kupfernachweis im Schussfeld und seine Bedeutung für die Schussentfernungsbestimmung. Ibid., 1938-39, 30: 235-42.
- Evidence; admissibility of paraffin mold used in gunpowder test. J. Am. M. Ass., 1937, 109: 1573.
- Fritz, E. Der mikroskopische Nachweis von Eisen und Kupfer an Einschusswunden im Schnitt und andere wertvolle Befunde an Schnitten von Schusswunden. Deut. Zschr. gerichtl. Med., 1934, 23: 289-99.
- Die Erkennung vom Nahschuss in der behaarten Kopfhaut. Ibid., 1937, 28: 215.
- Garsche, R. Die Stanzmarke ein Zeichen des absoluten Nahschusses. Arch. Krim., 1935, 97: 120-53.
- 4 pl.—Gillon & Ménétrier. Constataciones faites dans les blessures par coups de feu tirés de très près. Ann. méd. lég., 1940, 20: 222-7.
- Gorancy, C. Der Nachweis von Nitraten bei der forensischen Beurteilung der Schussverletzungen. Deut. Zschr. gerichtl. Med., 1927-28, 11: 482-6.
- Guareschi, G. Experimenteller Beitrag zu der vermeintlichen Schraubwirkung von Geschossen in Geweben. Ibid., 1933, 22: 322-7.
- Der Nachweis des Quecksilbers bei Schussverletzungen. Ibid., 1934, 23: 89-96.
- Heess, W. Woher kam der tödliche Schuss? Arch. Krim., 1935, 97: 195-203.
- pl.—Heredia, P. Heridas por armas de fuego; pericia médico-legal. Sem. méd., B. Air., 1930, 37: pt 2, 321-8.
- Hilschenz, J. Zur Frage der Entfernungsbestimmung bei Schüssen mit rauchschwachem Pulver und über die Technik des Nachweises von Pulverresten. Deut. Zschr. gerichtl. Med., 1929, 14: 235-64.
- Hinricsson, H. [Ballistic-medical investigation of a dead shot] Tskr. mil. hälsöv., 1938, 63: 255-8.
- Holsten, K. Zur Frage der Schussentfernungsbestimmung bei Verwendung von Sinoxidmunition. Deut. Zschr. gerichtl. Med., 1936, 26: 389-401.
- Untersuchungen über die Nachweismethoden und über die Verteilung des Bleis im Schussfeld. Ibid., 1937, 28: 205-14.
- Huber. Untersuchungen zur Unterscheidung von Ein- und Ausschuss. Ibid., 1937-38, 29: 249.
- Ivanov, N. N. Les altérations patho-morphologiques et tincoriales qui se produisent dans la peau à la suite de plaies dues à des armes à feu. Ann. méd. lég., 1939, 19: 390-402.
- Jones, A. P. An unusual medicolegal problem. South. M. J., 1936, 29: 1021.
- Journée & Piédelfèvre. Le transport des débris de vêtements par les projectiles pointus et leur pénétration dans le corps (balles D & S) Ann. méd. lég., 1926, 6: 539-44.
- Kenyeres, B. [Injuries caused by firearms] Orv. hetil., 1926, 70: 1183-91.
- Kipper, F. Gerichtliche Erfahrung und experimentelle Untersuchung über Schusswirkungen. Deut. Zschr. gerichtl. Med., 1926, 7: 60-79.
- Kochel, H. Schusskuriosa. Arch. Krim., 1928, 82: 41-4.
- Kriminaltechnisch Neues zur Frage des Nahschusses. Deut. Zschr. gerichtl. Med., 1934-35, 24: 55-9.
- Kochel, R. Mord, nicht Selbstmord durch Kopfschüsse. Ibid., 1926, 7: 193-202.
- Kummer. Deux femmes blessées par des balles de revolver. Kobl. Schweiz. Aerzte, 1917, 47: 1450.
- Also Rev. méd. Suisse rom., 1917, 37: 367.
- Manczarski, S. Ueber die Anwendung der Infrarotphotographie zur Unterscheidung des Ein- und Ausschusses bei Fernschüssen. Deut. Zschr. gerichtl. Med., 1937, 28: 366-73.
- Mauclair, J. Sur les balles accidentellement basculées, les balles explosives, etc.; sur les effets explosifs d'une balle de guerre tirée à 15 mètres. Ann. méd. lég., 1937, 17: 682-9.
- Mayer, R. M. Ueber typische Schädel-schrägeinschüsse und die Bestimmung des Einschusswinkels. Deut. Zschr. gerichtl. Med., 1931-32, 18: 419-25.
- Meixner, K. Vom Verlockungsraum an Ausschusswunden. Ibid., 1933, 21: 184.
- Werkgartner, A. Schussverletzungen im Strassenkampf. Beitr. gerichtl. Med., 1928, 7: 32-48.
- Merkel, H. In welcher Körperhaltung ist der Getötete erschossen worden? Arch. Krim., 1937, 100: 46-52.
- Mezger, O. Schiess-technische Untersuchungen. Zschr. Unterschl. Lebensmitt., 1926, 52: 41-53.
- Ueber die Entwicklung schiess-technischer Untersuchungen im Dienste der Justiz. Deut. Zschr. gerichtl. Med., 1929, 13: 377-90.
- Mezger & Fränkle. Geschoss- und Pulverladung. Arch. Krim., 1928, 82: 58.
- Milovanović, M. Zur Beurteilung von Schussverletzungen. Ibid., 1938, 102: 177-90.
- Mueller, B. Macht die Einführung der Sinoxid-Munition eine Änderung unserer Methodik zur Entfernungsbestimmung von Schüssen notwendig? Deut. Zschr. gerichtl. Med., 1937, 28: 197-204.
- Gerichtlich-medizinische Untersuchung von Schussverletzungen (unter besonderer Berücksichtigung neuer Forschungsergebnisse) Med. Welt, 1937, 11: 909-12.
- Untersuchung von Schussverletzungen von kriminalistischen Standpunkt aus. Ibid., 1940, 14: 820-4.
- Brossmann, H. O. Der Nachweis des Pulverschmauchs im Gewebe an Hand von Untersuchungen über das Verhalten der Schmauchhöhle am überlebenden Tier. Deut. Zschr. gerichtl. Med., 1939-40, 32: 316-24.
- Müller, F. Bestimmung der Schussentfernung bei Faustfeuerwaffen und Sinoxidmunition. Arch. Krim., 1939, 104: 142-51.
- Müller, H. Tracée sulla mano di sparo d'arma da fuoco corta. Arch. antrop. crim., Tor., 1934, 54: 553-61.
- [Medico-legal examination gun-shot wounds] Geneesk. tschr. Ned. Indië, 1934, 74: 962-76.
- Neureiter, F. von. Zur Praxis der Schiessversuche. Deut. Zschr. gerichtl. Med., 1922, 1: 638-41.
- Nippe, M. Jagdunfall oder Versicherungsbetrug? der absolute Nahschuss als Beweis. Arch. Krim., 1937, 101: 223-31.
- Ossborn, G. R. The evidence

- of a bullet wound; self-defence or murder? *Lancet*, Lond., 1936, 1: 1295-7.—**Palmieri, V. M.** Cento minuti di sopravvivenza a ferita trasfossa del cuore per arma da fuoco; omicidio o suicidio? *Rass. clin. ter.*, 1936, 35: 291-9.—**Piédelièvre, R.** La collicette érosive des orifices d'entrée des balles dans la peau. *Ann. méd. lég.*, 1926, 6: 261-71. — Le transport des débris de vêtements par les projectiles et leur pénétration dans la peau. *Ibid.*, 87-95. — Coups de feu et médecine légale. *Sciences*, Par., 1936, 64: 225-8.—**Dérobert & Charton.** Aspect des orifices d'entrée des balles selon l'angle du tir. *Ann. méd. lég.*, 1936, 16: 607-20.—**Piédelièvre, Desoille, H., & Dérobert.** Remarques à propos de la pénétration dans les trajets des projections de débris de tissus. *Ibid.*, 1937, 17: 977-9.—**Pietrusky, F.** Ueber die Wirkung von Kleinkalibergeschossen im absteigenden Schenkel der Flugbahn bei Steilschüssen. *Deut. Zschr. gerichtl. Med.*, 1927, 10: 269-78. — Die naturwissenschaftlich-kriminalistischen Untersuchungen bei Schussverletzungen. In *Handb. biol. Arbeitsmeth.* (Aberhalden) Berl., 1934, 4: Teil 12, 2. Hälfte, 209-84.—**Rooks, G.** Plaies par armes à feu avec plusieurs projectiles et un seul orifice d'entrée. *Ann. méd. lég.*, 1934, 14: 401-6. — Die Lage der Einschusswunde bei Selbstmord und Mord. *Arch. Krim.*, 1935, 96: 156-60, 2 pl.—**Sannicé, C.** L'identification par analyse spectrographique des orifices de projectiles sur les vêtements. *Ann. méd. lég.*, 1939, 19: 91-101.—**Schmidt, O.** Beitrag zur chemischen Analyse von Schussverletzungen (Nachweis von Quecksilber, Blei und Antimon). *Deut. Zschr. gerichtl. Med.*, 1931, 32, 18: 353-66.—**Simonin, C.** Interprétation médico-légale d'une collicette d'essuyage. *Ann. méd. lég.*, 1936, 16: 268-73.—**Strassmann, F.** Neuere Erfahrungen über Schussverletzungen. *Med. Welt*, 1927, 1: 302-4.—**Strassmann, G.** Die Feststellung der Schussrichtung und der Waffenart durch den Befund an der Kleidung und an der Leiche. *Deut. Zschr. gerichtl. Med.*, 1934, 23: 375-86.—**Tatiev, K. I.** [Legal-medical cases of gunshot injuries] J. teor. prakt. med., 1926, 1: 605-11.—**Viola, D.** Esperienze sulle reazioni delle polveri da sparo. *Boll. Soc. med. chir.*, Pavia, 1932, 46: 111-27.—**Walker, J. T.** Bullet holes and chemical residues in shooting cases. *J. Crim.*, Chic., 1940-41, 31: 497-521.—**Weimann, W.** Zur Wirkung und gerichtsarztlichen Beurteilung der Scheintodpistolen. *Arch. Krim.*, 1927, 80: 40-8. — Ueber das Verspritzen von Gewebsteilen aus Einschussöffnungen und seine kriminalistische Bedeutung. *Deut. Zschr. gerichtl. Med.*, 1931, 17: 92-105.—**Werkgartner, A.** Schürfungs- und Stanzverletzungen der Haut am Einschuss durch die Mündung der Waffe. *Ibid.*, 1927-28, 11: 154-68.—**Weyrich, G.** Schüsse aus Kleideraschen. *Ibid.*, 1937-38, 29: 250-3.—**Wickenhäuser, K.** Ueber die Möglichkeiten eines quantitativen und qualitativen Bleinachweises im Schussfeld bei Verwendung von Sinoxidmunition. *Ibid.*, 1939, 31: 298-307.—**Wietrich, A.** Ueber Nachweis und Fixierung von Nahschusspulvern. *Ibid.*, 1928, 12: 466-9.—**Wilson, C. M.** Observations in a case involving powder patterns and the fallibility of eye-witnesses. *J. Crim.*, Chic., 1935-36, 26: 601-7.
- **Pathology.**
- FREYTAG, H.** *Drei Schussverletzungen durch kleine Projektile, darunter eine Schrotschussverletzung mit pathologisch-anatomischem Befund [Heidelberg] 23p. 8° Mannh., 1935.
- LE BOURGEOIS, M.** *Les trajets des balles dans les viscères. 52p. 8° Par., 1936.
- NÖCKER, J.** *Die Durchschlagkraft der Pistolengeschosse am lebend Getroffenen [Münster] 18p. 8° Düsseld., 1934.
- ROBINE, P.** *Les hémorragies dans les orifices d'entrée des coups de feu. 62p. 8° Par., 1932.
- Becco, R., & Lettieri, C.** Extraña trayectoria de un proyectil. *Rev. As. méd. argent.*, 1934, 48: 667.—**Bircher, E.** Experimentelle Untersuchungen über die Wirkung der Spitzgeschosse. *Beitr. klin. Chir.*, 1916, 96: Kriegschir. H. 1, 38-98.—**Bonnet, E. F. P.** Estudio analítico de los efectos producidos por disparos con fusil-máuser. *Rev. As. méd. argent.*, 1933, 46: 3162-74. — Estudio analítico de los efectos producidos por disparos con escopeta. *cal.* 16. *Ibid.*, 3381-7. — Estudio analítico de los efectos producidos por disparos con pistola Colt. *cal.* 45. *Ibid.*, 3388-97.—**Bonnet, F.** Lesiones esquelético-tegmentarias por disparo de fusil-Mauser. *Ibid.*, 1937, 51: 817-20. Also *Sem. méd.*, B. Air., 1938, 45: 258-63.—**Callender, G. R., & French, R. W.** Wound ballistics; studies in the mechanism of wound production by rifle bullets. *Mil. Surgeon*, 1935, 77: 177-201. Also repr.—**Costantini, H.** Plaie tangentielle par balle de l'oreille droite section de la veine pulmonaire inférieure droite; les voies d'abord du cœur; Rayons X et plaies du cœur. *Bull. Soc. nat. chir.*, Par., 1934, 60: 710-4.—**Cueli, L. F.** Heridas multiples originadas por un disparo de revolver. *Rev. espec.*, B. Air., 1931, 6: 44-7.—**Duméry.** Trajectoire compliquée d'un projectile de guerre. *Bull. Soc. méd. mil. fr.*, 1922, 16: 17-9.—**Eckstein, L.** Zur Ätiologie der Ortsveränderung der Projektile bei Steckschüssen. *Militärarzt*, 1916, 50: 135.—**Goldman, A.** Verletzungen durch Flobertwaffen. *Med. Klin.*, Berl., 1928, 24: 1788.—**Gonzalez, J. M. E.** Heridas de bala; orificio de entrada, pistola Colt 45. *Rev. As. méd. argent.*, 1937, 51: 425-45.—**Hopkins, B. A.** Unusual gunshot wounds; case reports. *Virginia M. Month.*, 1940, 67: 372-4.—**Kennedy, J. C.** Some phases of pistol wounds in civil practice. *Long Island M. J.*, 1916, 10: 423-31. [Discussion] 442-4.—**Layera, J., & Mascias, F. P.** Curiosa trayectoria de una bala; extracción del cuerpo extraño; curación. *Rev. As. méd. argent.*, 1933, 47: 2953, 2 pl.—**Luccioni, C.** Lesioni multiple toraco-addominali da colpo di pistola. *Rinasc. med.*, 1939, 16: 227.—**McCracken, J. C.** Multiple gunshot wounds; a report of a case. *China M. J.*, 1928, 42: 111-3.—**Maffei, G. B.** Ferite multiple per arma da fuoco. *Boll. Soc. med. chir.*, Pavia, 1932, 46: 183-97.—**Magnanini, R.** Effetti prodotti sui tegumenti dall'avvitamento dei proiettili e dal ciclone gassoso che li accompagna (osservazioni e ricerche sperimentali). *Arch. antrop. crim. Tor.*, 1926, 46: 271-6, 2 pl.—**Muller.** Malade ayant reçu 8 balles de revolver; guérison. *Loire méd.*, 1929, 43: 398-405.—**Newcomb, C.** Some experiments on the injuries produced by firearms at short range. *Ind. M. Gaz.*, 1924, 59: 295.—**Okinczy, J.** Plaie concomitante du thorax, du rachis, de la moelle et du rein. *Bull. Soc. chir.*, Par., 1917, n. ser., 43: 272.—**Osako, S.** Ueber die von einer Holzkugel einer Maschinengewehrpatrone verursachte explosive Schusswunde. *Gun idan zasshi*, 1932, No. 224, 1.—**Picque, R.** Polyblessé avec lésions de l'abdomen et du thorax. *Bull. Soc. chir. Paris*, 1918, 44: 638.—**Piédelièvre, R., Desoille, H., & Hérisset.** Perforation par les balles des substances dures, crânes, etc.; leur mécanisme. *Ann. méd. lég.*, 1939, 19: 18-22.—**Rennie, G. S.** A pistol shot wounding stomach, large and small intestine and mesentery, with recovery. *Internat. J. Surg.*, 1895, 8: 337-40.—**Rossi, A.** Sulla tolleranza dell'organismo ai moderni proiettili di guerra (conferenza con proiezioni) *Policlinico*, 1917, 24: sez. prat., 597.—**Schubert, E. von.** Beschreibung eines Tangentialschusses vor 150 Jahren. *Deut. med. Wschr.*, 1940, 66: 689.—**Schum.** Geschosswirkung im Ziel an der Hand zweier Ultrazeitlupenfilme. *Zbl. Chir.*, 1939, 66: 1909-11.—**Simon, M. M.** Through and through thoracoabdominal bullet wound, with recovery. *Med. Rec.*, N. Y., 1936, 143: 531-4.—**Van Amburgh, C. P.** Effects of gunshot wounds on human tissues. *Am. J. M. Jurispr.*, 1939, 2: 168-72.—**Weber.** Sur 2 plaies thoraco-abdominales par balle de revolver. *Bull. Soc. chir. Paris*, 1928, 20: 206-8.
- **Sequelae.**
- REYMANN, H.** *Beiträge zur Krebsentwicklung infolge von Schussverletzungen [Münster] 21p. 21cm. Lengerich i. W., 1938.
- SCHEID, P.** *Ueber Geschwulstbildung bei Schussverletzungen [Frankfurt] p.446-78. 8° Münch., 1936.
- Also *Frankf. Zschr. Path.*, 1937, 51:
- Balthazard, V.** Accident du travail chez un mutilé de guerre dû exclusivement à la blessure de guerre. *Ann. méd. lég.*, 1926, 6: 345-8.—**Binet, L.** Mensuration et représentation des impotences. *Paris méd.*, 1917, 23: 46-9.—**Bond, C. J., Phillips, E. V., & Jevons, W.** On a case in which a machine-gun bullet was embedded in the wall of the heart, with observations on the cardiac movements of the bullet during systole and diastole and the translation movements during respiration and changes in bodily position. *J. R. Army M. Corps*, 1918, 31: 229-35.—**Buswell, C. E.** Residuals of gunshot wounds. *Mil. Surgeon*, 1937, 81: 271-3.—**Del Carpio, I.** La valutazione medico-legale della permanenza di proiettili d'arma da fuoco nell'organismo umano. *Rass. med. sarda*, 1937, 39: 172-88.—**Helmer, H.** Fistelkrebs (Beobachtung eines Karzinoms nach Schussverletzung im Weltkrieg) *Münch. med. Wschr.*, 1936, 83: 689.—**Kauffmann, G. L., & Kauffmann, R.** De l'équinisme consécutif aux blessures de guerre. *Paris chir.*, 1916, 8: 339-43.—**La Cava, F.** Ipertensione arteriosa e paralisi pseudobulbare in un ferito di guerra. *Rinasc. med.*, 1936, 13: 516-9.—**Le Fort, R., & Decoux, P.** Projectiles du cœur et du médiastin, résultats éloignés de 55 cas après plus de 20 ans. *J. chir.*, Par., 1938, 52: 1-20.—**Ogurtsov, V. M.** [Therapeutic exercises in treatment of sequelae of gunshot injuries of bones, joints and soft tissue of the extremities] *Teor. prakt. fiz. kult.*, Moskva, 1939, 3: No. 9, 34-0.—**Slepishkov, N. V.** [Sequelae of gunshot injuries] *Sudeb. med. ekspertiza*, 1928, 23-5.—**Tarnai, K.** [Sarcomatous degeneration of scar of a gun-shot wound] *Gyógyászat*, 1938, 78: 722-4.—**Verdelet, L.** Un cas de rétraction musculaire ischémique de Volkman à la suite de plaie de guerre. *J. méd. Bordeaux*, 1916, 46: 50.—**Verrier, H.** De la rétraction fibreuse des muscles des tendons et des aponévroses consécutive aux plaies de guerre. *Montpellier méd.*, 1917, 39: 531-9.—**Williams, A. W.** The use of filtered X-rays for the relief of fibrous bands and adhesions resulting from bullet wounds. *Brit. M. J.*, 1916, 2: 751.
- **Treatment.**
- RODRIGUES PINTO, M.** *Breves considerações relativas ao tratamento das feridas por armas de fogo. 61p. 12° Lisb., 1876.
- Amat, C.** Balística e cirurgia de campanha. *Porto med.*, 1908, 5: 47-50.—**Balakina, V. S.** [Application of Vishnevsky's oil-and-balsam dressing in gun-shot injuries] *Ortop. travmat.*, 1940, 14: No. 5, 37-40.—**Bandaline, J., & Poliakov, J. P.** Les douches d'air chaud dans le traitement des plaies de guerre. *Presse méd.*, 1917, 25: 551.—**Billroth, H.** Historical studies on

the nature and treatment of gunshot wounds from the 15th century to the present time. Berlin, 1859. Yale J. Biol., 1931-32, 4: 1; 119; 225, 2 parts.—**Bismuth** and iodoform paste in gunshot wounds. Brit. M. J., 1917, 1: 264.—**Bonnette**. Réchauffe—blessés. Progr. méd., Par., 1918, 3. ser., 33: 192.—**Bumm**, E. Grundsätzliches zur Behandlung von Thorax- und Lungenschussverletzungen und die dabei gemachten Erfahrungen im Polenfeldzug. Med. Welt, 1940, 14: 237-9.—**Corbett**, R. The first gun-shot wound at Friern hospital. S. Barth. Hosp. J. War Bull., Lond., 1939-40, 1: 53.—**Cueli**, L. F., & **Bonnet**, F. Las heridas de defensa en las lesiones por armas de fuego. Sem. méd., B. Air., 1940, 47: pt 2, 877-82.—**Dichloramin-T** a synthetic germicide now used in the treatment of wounds. Pharm. Era, 1918, 51: 35-7.—**Dmitriev**, I. P. [Closed treatment of gun-shot wounds] Sovet. khir., 1934, 6: 795-9.—**Dykhno**, A. M. [On the treatment of gun-shot wounds] Sovet. med., 1939, No. 8, 20-3.—**Epstein**, G. I. [Evaluation of methods of immobilization in transport of the wounded (gunshot)] Vest. khir., 1940, 59: 281-5.—**Erichman**, N. [Surgical measures in treatment of gunshot wounds with imbedded foreign bodies in the region of the heart or in the vessels of the arterial and venous systems] Voen. san. delo, 1937, No. 6, 68-71.—**Gonzales**, T. A. Wounds by firearms in civil life. Am. J. Surg., 1934, n. ser., 26: 43-52. Also repr.—**Grant**, H. H. Practical management of bullet wounds of the abdominal viscera. J. Am. M. Ass., 1898, 31: 1468.—**Gunter**, J. H. Gunshot wounds. Mil. Surgeon, 1941, 88: 375-87. Also repr.—**Guyon Dolois**, L., & **Meissonnier**, L. Traitement des blessures de guerre au XVI^e siècle; des plaies par arquebuses et autres armes à feu (pistolets, canons, artillerie, pétards et mousquets) Paris méd., 1918, 28: Suppl., 420.—**Hertel**. Granatsplittersteckschuss. Zbl. Chir., 1935, 62: 1305.—**Hunter**, J. A treatise on the blood, inflammation, and gunshot wounds. Med. Classics, 1939-40, 4: 458-511.—**Immediate** closure of gunshot wounds. Lancet, Lond., 1918, 1: 148.—**Korovin**, A. S., & **Pedorov**, C. N. [Prof. A. V. Vishnevsky's method in certain branches of field surgery] Sovet. med., 1940, 4: No. 21, 23-5.—**Krelinger**. Ein neues Verfahren zur Behandlung infizierter Weichteilwunden. Münch. med. Wschr., 1918, 65: 325.—**Kuprianov**, P. A. [Primary dressing of gunshot wounds in the field] Vest. khir., 1940, 59: 323-30.—**Latkowski**, M. [Sutures of gunshot wounds] Lek. wojsk., 1926, 8: 121-9.—**Lavoue**. Plaie abd mino-thoracique par balle à propos d'une observation. Rev. prat. mal. pays chauds, 1939, 19: 267-71.—**Linberg**, B. E. [Treatment of non-penetrating bullet wounds of the skin and muscle] Nov. khir. arkh., 1938, 41: 320-30.—**Lockwood**, A. L. Wounds in general (surgical problems of war) Brit. M. J., 1940, 1: 494.—**Mateos ópez**, V. Tratamiento de las heridas contusas y por arma de fuego recientes, por la pomada del aceite de hígado de bacalao v enyesado. Actas Congr. méd. mil. (Spain) 1939, 1. Congr., 239-45.—**Matti**, H. Schussverletzungen der peripheren Nerven und der Gefässe. Praxis, Bern, 1939, 28: 619.—**Morison**, R. BIPP. Brit. M. J., 1918, 1: 699.—**Primary** excision and suture of gunshot wounds. Ibid., 1917, 2: 161.—**Primary** (The) suture of wounds. Hospital, Lond., 1919-20, 66: 171.—**Repaci**, F. Drenaggio peritoneale ed intestinale profilattico nella cura delle ferite d'arma da fuoco penetranti nell'addome. Policlinico, 1935, 42: sez. prat., 2015-7.—**Reporting** treatment of gunshot wounds. Wisconsin M. J., 1939, 38: 1076.—**Sacco**, R. Emotasia provvisoria nelle ferite im prima linea di guerra. Policlinico, 1916, 23: sez. prat., 1458-60.—**San Román**, J. de. La cura balnearia en el tratamiento de heridos de guerra; primeros ensayos de cura ambulatoria en el balneario de Zaldívar, Vizcaya. Rev. españ. med. cir. guerra, 1940, 5: 26-42.—**Sitenko**, M. I. [Certain guiding theories based upon investigation of gun-shot wounds and their treatment] Ortop. travmat., 1940, 14: 7-13.—**Treatment** of gunshot wounds. Brit. M. J., 1916, 1: 416.—**Treatment** (The) of infected wounds. Med. Rec., N. Y., 1918, 93: 775.

in animals.

Andreev, P. P. [On primary protection of [horses against] gun-shot wounds] Sovet. vet., 1940, 17: 51.—**Rey**. Des plaies par armes à feu sur les animaux domestiques. J. méd. vét., Lyon, 1854, 10: 5-15.—**Wagner**, H. Familiäres Auftreten des Einschusses bei Pferden. Deut. tierärztl. Wschr., 1937, 45: 54-6.

GUNST, Albert, 1909—*Vergleichende Untersuchungen über die langen Milchsäurebazillen der Vagina, der Zahnkaries und des Säuglingsstuhls [Münster] 19p. 8°. Quakenbrück, R. Kleinert, 1934.

GUNTEN, Pierre von. *Les foyers péripneumoniaux dentaires chroniques et leurs retentissements sur les adénites cervicales tuberculeuses [Genève] 48p. 8°. Zür., Impr. Berichthaus, 1934.

GUNTER, F[rank] E[rnest] Tuberculin in practice, its value in the treatment of early tuberculosis and asthma. ix, 102p. 8°. Lond., Gregg Pub. Co. [1928]

GUNTERMANN, Werner, 1909—*Ueber die Veränderungen der morphologischen Struktur des Hypophysenvorderlappens des kastrierten

weiblichen Kaninchens nach Einwirkung von Follikelhormon. 19p. 21½cm. Marb., J. Hamel, 1936.

GUNTHER, Hulda L.

See **Garnsey**, Charles E., & **Gunther**, Hulda L. Dosage and solution. 3. ed. 147p. 16°. Phila., 1937.

GUNTHER, Robert William Theodore, 1869-1940. Oxford and the history of science, with an appendix on scientific collections in college libraries. 49p. 8°. Lond., Oxford Univ. Press, 1934.

— Handbook of the Museum of the History of Science in the old Ashmolean Building, Oxford. iv, 157p. illust. 16°. Lond., Oxford, Univ. Press, 1935.

— Early science in Oxford: V. 10. The life and work of Robert Hooke (Part IV) tract on capillary attraction, 1661; diary, 1688 to 1693. xlv, 1, 294p. illust. facs. 8°. Oxf., R. T. Gunther, 1935.

— The same. Vol. 11. Oxford Colleges and their men of science. xvi, 429p. illust. pl. ports. map. 8°. Oxf., 1937.

— Early science in Cambridge. xii, 513p. illust. pl. portr. diagrs. facs. 8°. Oxf., Oxford Univ. Press, 1937.

Also editor of **Dioscorides**, Pedanius of Anazarbos; the Greek herbal. 701p. roy. 8°. Oxford, 1934.

For biography see Ann. M. Hist., 1940, 3. ser., 2: 445. Also Nature, Lond., 1940, 145: 541 (A. S. Russell)

GUNTNER, Josef, 1898—*Untersuchungen über zahnärztliche Gussmethoden unter besonderer Berücksichtigung des Expansionsgusses. 24p. 8°. Tüb. [n. pub.] 1933.

GUNZENHAEUSER, Else, 1909—*Schwangerschafts-, Geburts- und Wochenbettsverlauf bei jugendlichen Erstgebärenden unter 17 Jahren. 26p. 23cm. Berl., R. Pfau, 1938.

GUNZENHAEUSER, Karl, 1908—*Hochsitzende Rückenmarkstumoren; Symptomatologie, Operation und Heilverlauf. 24p. 23cm. Berl., R. Pfau, 1937.

GUNZENHAEUSER, Ruth [Irene] 1912—*Die Festsetzung von Normdosen der Arzneimittel [Tübingen] 15p. 21cm. Marbach, A. Remppis, 1937.

GUNZERT, Karl Theodor, 1902—*Ueber p-Dimethylamino- und p-Diäthylaminophenylhydrazin [Heidelberg] 45p. 8°. Bruchsal, J. Kruse & Söhne, 1929.

GUO, Huan-Min, 1910—*Experimenteller Beitrag zu einer neuen Senkungstheorie [Berlin] 18p. 8°. Charlottenb., Gebr. Hoffmann, 1936.

GUPPY, Henry Brougham, 1854-1926.

R. A. B. Obituary. Proc. R. Soc., Lond., 1927, ser. B, 101: p. xxviii-xxix, portr.

GURAN, Noé Barbu, 1900—*Contribution à l'étude de l'ostéite fibro-géodique localisée dite maladie de Mikulicz. 75p. 3 pl. 8°. Par., Impr. Chevalerie, 1931.

GURAU, Annemarie, 1908—*Wie früh tritt die Zuckerkaries auf? Untersuchungen an 1097 Lehrlingen des Bäcker- und Konditorgewerbes. 22p. 8°. Berl. [n. pub.] 1932.

GURAU, Heinz, 1909—*Ueber traumatische Leukämie [Rostock] 19p. 8°. Gütersloh, Thiele, 1933.

GUREWITSCH, Arno. *Ueber den Vitamin C-Gehalt (reduzierte Form) der Linse und des Kammerwassers von Rindern verschiedenen Lebensalters und bei Katarakt. 15p. 8°. Basel, Buchdr. Nat. Ztg., 1934.

GUREWITZ [Gureviciéné Meraite] Teresa, 1903—*Ueber drei diagnostizierte und mit Erfolg operierte Fälle von Concretio pericardii. 36p. 8°. Königsb.Pr., J. Raabe, 1932.

GURFINKIEL. *Contribution à l'étude du traitement des suppurations pulmonaires par l'alcool en injection intraveineuse et du mode d'action de l'alcool [Toulouse] 167p. 23½cm. Clermont-Ferrand, G. Mont-Louis, 1934.

GURIN, G. I. Veterinarnoie akusherstvo [Veterinary obstetrics, with additional chapter on diseases of the udder] 2. ed. viii, 253p. 8°. Moskva, Soviet Gov. Print. Off. [1923]

— Kratkoie rukovodstvo, obtschey, patologii jivotnikh [Short manual to general, animal pathology] 2. ed. viii, 234p. 8°. Leningr., Soviet Gov. Print. Off., 1924.

GURIN, Samuel, 1905— *Allocation of the free amino groups in proteins and peptides [Columbia Univ.] 25p. 8°. N. Y. [n. pub.] 1934.

GURLEYA.

See *Microsporidia*.

GURLITT, Cornelius. Das französische Sittenbild des achtzehnten Jahrhunderts im Kupferstich. 59p. 100 pl. 4°. Berl., J. Baird, 1913.

GURLTIA.

See also *Nematoda*.

Wolffhügel, K. Paraplegia cruralis parasitaria felis durch Gurltia paralysans nov. gen. nov. sp. (Nematoda) Zschr. Infektr. Haustiere, 1934, 46: 28-47.

GURNEY, Goldsworthy, 1793-1875. A course of lectures on chemical science. v, 310p. pl. roy. 8°. London, G. & W. B. Whittaker, 1823.

GURNEY, Ivor. War's embers and other verses. 93p. 12°. Lond., Sidgwich & Jackson, 1919.

GURNIGEL.

See under *Balneography*.

GURSCH, Fritz, 1893— *Beitrag zur Frage der Tuberkulose der Ohrspeicheldrüse. 42p. 8°. [Gött., A. Rüttgerodt] 1924.

GURSCH, Gerhard, 1912— *Zur Frage der künstlichen Scheidenbildung. 36p. 8°. Würzb., R. Mayr, 1937.

GURTLE, Joseph, 1910— *De l'onanisme au délire. 100p. 8°. Par., Vigot frères, 1936.

GURVICH, Aleksandr Gavilovich, 1874— Die histologischen Grundlagen der Biologie; zugleich 2. Aufl. der Morphologie und Biologie der Zelle. vi, 310p. 8°. Jena, G. Fischer, 1930.

— Methodik der mitogenetischen Strahlenforschung. p.1401-70. 8°. Berl., Urban & Schwarzenberg, 1932.

In Abt. 5, Teil 2, pt 2, Handb. biol. Arbeitsmeth. (Abderhalden, E.) Berl.

— & **GURVICH Lydia Dmitrievna.** Das Problem der Zellteilung physiologisch betrachtet. vii, 221p. illust. diags. 8°. Berl., J. Springer, 1926.

— Die mitogenetische Strahlung; zugleich zweiter Band der Probleme der Zellteilung. ix, 384p. 70 illust. 8°. Berl., J. Springer, 1932.

— Mitogeneticheskii analiz nervnogo vozbuždzenia [Mitogenetic analysis of nervous excitation] 104p. illust. diagr. 22½cm. Moskva, Vsesoiuz. inst. exp. med., 1935.

GURVICH, Lydia Dmitrievna.

See **Gurvich, Aleksandr G.** & **Gurvich, L. D.** Das Problem der Zellteilung physiologisch betrachtet. 221p. 8°. Berl., 1926. — [Mitogenetic analysis of nervous excitation] 104p. 22½cm. Moskva, 1935. — Die mitogenetische Strahlung, zugleich zweiter Band der Probleme der Zellteilung. ix, 384p. 8°. Berl., 1932.

GURVICH rays.

See under *Cell division*, *Karyokinesis*.

GURWIC, Pierre, 1907— *Les vomissements de la diarrhée dans la maladie de Basedow. 46p. 8°. Par., L. Rodstein, 1934.

GURWICZ, Simon, 1905— *L'électrothérapie dans les syndromes inflammatoires chroniques du flanc droit. 51p. 8°. Par., Libr. M. Lac, 1932.

GURWITSCH, Leja. *Ueber die Symptome der sekundären malignen Lungentumoren, insbesondere über die Dyspnoe bei der generalisierten carcinomatösen Lymphangitis. 15p. 8°. Basel, B. Schwabe & Co., 1928.

Also Schweiz. med. Wschr., 1928, 58: 981-7.

GURWITSCH, Leo, 1895— *Ueber Fettverdauung aus unzerkleinerten Nüssen [Frankfurt a. M.] 26p. 8°. Wiesb. [n. pub.] 1930.

GURWITZ, I. Zusammenstellung von Krankheiten und Krankheitssymptomen, die mit Eigennamen verknüpft sind. 40p. 8°. Jena, 1931.

Forms Beilage zur Zeitschrift für ärztliche Fortbildung. 28. Jahrgang, No. 3.

GURY, Jean Marie, 1908— *L'amygdalectomie totale chez l'adulte à l'anesthésie locale et régionale avec l'instrumentation de Sluder [Strasbourg] 69p. 8°. Nancy, Impr. C. André & cie, 1933.

GUSBETH, Eduard.

Bologa, V. Dr Eduard Gusbeth, ein siebenbürgisch-sächsischer Historiker der Medizin. Arch. Gesch. Med., 1926, 18: 107-9.

GUSE, Gerhard [Karl Günter] 1912— *Zur Aetiologie und Therapie der Agranulocytose [Königsberg] 17p. 21cm. Würzb., K. Triltsch, 1938.

GUSSANDER, Gertrud. *Om gastropptos och dess operativa behandling [Gastropstosis and its operative treatment] 224p. 8°. Lund, Hakan Ohlsson, 1911.

GUSSARSSON, Magnus Gotthard, 1882-1925. Erhardt, R. [Obituary] Tskr. mil. hälsov., 1926, 51: 103.

GUSSEROW, A. Sulla mestruazione e dismenorrea. 39p. 21½cm. Napoli, L. Vallardi, 1881.

In No. 101, Raccolta di conferenze cliniche, 1023-61.

GUSSONE, Josef, 1901— *Die Säuglingssterblichkeit des Berliner Stadtbezirks XIV im Jahre 1925 [Berlin] 40p. tab. 8°. Frankf. a. d. Oder, P. Beholtz, 1930.

GUSTAFSON, Carroll B.

See **Bradley, Theodore James.** Textbook of pharmaceutical arithmetic. 2. ed. 199p. 8°. Phila., 1937.

GUSTATION.

See *Taste*.

GUSTAVUS III, 1746-92.

Sjöqvist, O. The mortal wound of Gustavus III. Hygiea, Stockh., 1931, 93: 81-98.

GUT, Adolf, 1907— *Ueber die Vererbung der physiologischen Papillenexkavation. p.281-97. 2 pl. 8°. Zür., O. Füssli, 1932.

Also Arch. Julius Klaus Stift., 1932, 7:

GUT, Hans Chr., 1909— *Zur Behandlung der Placenta praevia [Zürich] 35p. 21cm. Triengen, F. Meyer, 1939

GUT, Manes, 1908— *De la récédive après la cure radicale de la hernie inguinale. 49p. 25cm. Nancy, C. André, 1934.

GUT, Paul. *Ueber einen pharmakologischen Test bei Hypothyreose (verstärkte Homotropinwirkung) [Basel] 13p. 8°. Lpz., J. A. Barth, 1930.

Also Endokrinologie, 1930, 6:

— Unfallhilfe und Hygiene beim Wintersport. 136p. 75 pl. 16° Zür., O. Füssli [1935]
GUTACHERAUSSCHUSS für das öffentliche Krankenhauswesen.

See under Zeitschrift des gesamten Krankenhauswesen.

GUTBIER, Christoph, 1909— *Ueber die Vererbung der Gesichtsmasse (nach Untersuchungen an ostholsteinischem Familienmaterial) 27p. 8° Gött., M. Sass, 1933.

GUTENAECKER, Hans, 1908— *Ueber die familiäre Form des neurotischen Klumpfußes [München] 16p. 8° Schloss Birkeneck, S. Georgsheim, 1934.

GUTENSOHN, Johannes Josef, 1913— *Kasuistischer Beitrag zum Kapitel der Parodontose auf Grund von Erhebungen an Jugendlichen im Alter von 20–26 Jahren unter besonderer Berücksichtigung der Frühsymptome. 59p. pl. ch. 8° Bonn, J. Duckwitz, 1936.

GUTENSOHN, Wilhelm, 1905— *Blutuntersuchungen bei pathologischen Erscheinungen in der Mundhöhle. 25p. 8° Münch., Salesian. Offizin, 1930.

GUTEZEIT, Franz, 1895— *Die psychische Einstellung des Kindes zur Schulzahnpflege. 48p. 8° Bonn, Carthaus, 1929.

GUTFRIED, Helmut, 1912— *Zur Klinik der papilliformen Ovarialcarcinome [Heidelberg] 20p. 8° Erlangen, M. Krahel, 1937.

GUTH, Armin, 1909— *Veränderungen der Schleimhaut unter Brückenköpfen festsitzender Brücken mit besonderer Berücksichtigung des glasierten Porzellans (klinische, histologische und bakteriologische Untersuchungen) 60p. 8 pl. 23cm. Zür., Buchdr. Berichthaus, 1936.
 Also Schweiz. Mschr. Zahnh., 1936, 46:

GUTH, Ernst, 1877–1927.

Altmann, F. Nekrolog. Zschr. Tuberk., 1927, 47: 226.

GUTHANER, Ernst, 1910— *Ueber die Anfänge und Entwicklung der Chirurgie der Hirntumoren in Deutschland und Oesterreich [Freiburg] 47p. 23½cm. Bresl., Schatzky, 1935.

GUTHEIL, Emil. Psychotherapie des praktischen Arztes. 272p. 8° Lpz., Psychother. Prax., 1934.

GUTHEIL, Friedrich [W.] 1909— *Zur Frage der Venendruckregulierung. 26p. 21cm. Bonn, A. Brand, 1937.

GUTHERZ, Max. *Geschichtlicher Ueberblick der Abfallbeseitigung der Stadt Basel [Basel] 51p. 8° Frauenfeld, G. Maurer, 1928.

GUTHERZ, Siegfried, 1881–1927. Der Partialtod in funktioneller Betrachtung; ein Beitrag zur Lehre von den unspezifischen Reizwirkungen. v, 66p. 8° Jena, G. Fischer, 1926.

For biography see Anat. Anz., 1928, 65: 97–112 (R. Weissenberg)

GUTHIERRES, Jacques, —1638. Tiresias; seu, Caecitatis encomium. p.493–528. 13½cm. [Leyden, 1638]

In Script. var. diss. Iudic., Leyden, 1638.

GUTHMANN, Georges N., 1908— *Contribution à l'étude clinique et radiologique des diverticules de l'estomac. 77p. 8° Par., Maloine, 1935.

GUTHMANN, H. Physikalische Grundlagen der Lichttherapie. 216p. 8° Berl., Urban & Schwarzenberg, 1927.

Forms Sonderbd 10, Strahlentherapie.

GUTHMANN, Johannes. Durch Wissen zur Schönheit; eine Kosmetik für Leib und Seele. viii, 109p. 12° Lpz., C. Kabitzsch, 1922.

GUTHOF, Otto, 1908— *Der Einfluss der Applikationsweise auf die Resorption der Sali-

cylsäure durch die menschliche Haut. 13p. 22cm. Köln, J. Borowsky, 1936.

GUTHRIE, Archibald Cowan. Research work on the pneumococci and their enzymes and its significance in lobar pneumonia. ix, 60p. pl. 8° Lond., Baillière, Tindall & Cox, 1932.

GUTHRIE, Douglas, 1885—

See Seth, George, & Guthrie, Douglas. Speech in childhood; its development and disorders. 224p. 8° Lond., 1935.

GUTHRIE, Edward Sewall, 1880— Composition and body of butter. 34p. 8° Ithaca, N. Y., 1929.

Forms No. 477, Bull. Cornell Univ. Agr. Exp. Sta.

GUTHRIE, George W., 1845–1915.

Frazier, C. H. Master surgeons of America. Surg. Gyn. Obst., 1929, 49: 117–9, portr.

GUTHRIE, Kenneth Sylvan, 1871— Regeneration; special methods for men and for women with specific directions, how to calculate the times dangerous to conservators. 53p. 8° N. Y., Theosophical Pub. Co., 1905.

GUTHRIE, Mary Jane, 1895—

See Curtis, Winterton Conway, Guthrie, Mary Jane, & Woods, Farris Hardin. Laboratory directions in general zoology. 2. ed. 164p. 8° N. Y. & Lond., 1933. Also 3. ed. 682p. 1938.

GUTHRIE, Robert Lyall, 1867–1937.

Obituary. Lancet, Lond., 1937, 1: 1013.

GUTHRIE, Samuel, 1782–1848.

Rachlin, W. The forgotten man. Am. J. Surg., 1938, 39: 178.—Robinson, V. [Biography] Med. Life, 1927, 34: 103–52, 4 pl.

GUTHRIE Clinic. Sayre, Pa. Bulletin, 1: 1931–

GUTIERREZ, Bonifacio, 1777–[18..]

Alvarez-Sierra, J. Don Bonifacio Gutiérrez, primer decano de San Carlos, titular de Colmenar Viejo. Med. ibera, 1934, 28: p. cclvii.

GUTIERREZ, Robert, 1895— The clinical management of horseshoe kidney; a study of horseshoe kidney disease, its etiology, pathology, symptomatology, diagnosis and treatment. xxiv, 143p. illust. roy. 8° N. Y., P. B. Hoeber, 1934.

— Anomalies of the kidney, hydronephrosis; movable kidney; injuries of the kidney. p.374–509. illust. 8° Phila., Lea & Febiger, 1936.

In Modern urol., 3. ed. (Cabot, H.) v.2.

GUTIERREZ y Hernández, Nicolas José, 1800–90.

Le-Roy y Cassá, J. Nicolas José Gutiérrez y Hernández; Habana: 10 septiembre 1800–Habana: 31 diciembre 1890. Rev. med. cir. Habana, 1933, 38: 1–8.

GUTKIN, A. J. [Health preservation in Soviet Russia for 10 years (1917–27) edited by Prof. H. G. Frenkel] [56p. 8° Leningr., 1927]

GUTKNECHT, Otto, 1877— *Ueber Pseudotuberkulose des Meerschweinchens (Pseudotuberculosis caviarum) 15p. 8° [Lpz., F. A. Brockhaus] 1927.

GUTKNECHT, Paul, 1895— *Rôle des sécrétions génitales dans la constitution; des tempéraments animal et humain [Alfort] 45p. 8° Par., Vigot frères, 1927.

GUTMAN, Armin, 1903— *Contribution à l'étude du cancer du sein chez l'homme. 44p. 8° Par., L. Arnette, 1936.

GUTMAN, Jacob, 1876— Modern drug encyclopedia and therapeutic guide. xvi, 1393p. 8° N. Y., P. B. Hoeber, 1934.

— New modern drugs; supplement to Gutman's modern drug encyclopedia. [16]p. 8° N. Y., New Modern Drugs [1938] Also [2. ed.] xxiv, 1644p. 1941.

— Three years supplement to new modern drugs; a presentation of the important new medicinal preparations described in the quarterly

index, New Modern Drugs, 1935 to 1937 inclusive, together with descriptions of additional drugs which have not been previously published. v, 218p. 8° N. Y., Am. J. Surg., 1938.

GUTMAN, Martin, 1900— *Zur Kiellandzange; kritische Betrachtung von 52 Kiellandzangen der Universitätsfrauenklinik in Breslau besonders hinsichtlich der Indikation und der Technik. 41p. tab. 8° Bresl., B. Littauer, 1927.

GUTMANN, Carl, 1902— *Ueber einen Fall von Bauch-Blasen-Darmspalte bei einem weiblichen Foet mit Uterus bicornis. 21p. 8° Erlanger, K. Döres, 1932.

GUTMANN, Judel. *Isolierte Lähmung des Nervus musculocutaneus. 15p. 8° Basel, Impr. Populaire, 1931.

GUTMANN, Paul, 1896— *Die Empfindlichkeit der Nebennieren von Katzen gegen Cholin und Azethylcholin. p.612-23. 8° Berl., C. Siebert, 1932.

Also Arch. exp. Path., Berl., 1932, 166:

GUTMANN, René Albert Charles, 1885— Les syndromes douloureux de la région épigastrique (étude clinique, radiologique et thérapeutique) 2v. 2 p. l. iv, 520p.; 2 p. l. 584p. 87 pl. 8° Par., G. Doin & cie, 1930.

— L'ulcère du duodénum; diagnostic radiologique de l'ulcère du bulbe. 60p. 4 films. 8° Par., G. Doin & cie, 1931.

GUTMANN, Walter. Arbeitsschutz in der Glasindustrie. viii, 103p. illust. 8° Dresd., Glashütte, 1937.

GUTMANN, Woldemar, 1903— *Ueber Funktionsprüfungen des Pankreas. 34p. 8° Münch. [n. pub.] 1928.

GUTNIC, Abraham, 1908— *Prophylaxie spécifique de la coqueluche (contribution à l'étude critique) 44p. 8° Par., L. Rodstein, 1934.

GUTRUF, Hans, 1912— *Die schiefe Ebene in der Orthodontie [Heidelberg] 23p. 8° Würzb., K. Triltsch, 1935.

GUTSCH, Willi [Karl Johannes] 1892— *Zur Kenntnis des traumatischen Aneurysma aortae. 28p. 8° Rostock, Adlers Erben, 1919.

GUTSCHANK, Arthur, 1906— *Klinik, Therapie und Heilergebnisse der Meniscusverletzungen 1924-1929-30. 48p. 8° Bonn [n. pub.] 1932.

GUTSCHER, Hans Heinrich, 1906— *Ueber die experimentelle Coli-Aszendenz im Dünndarm des Meerschweinchens [Zürich] 12p. 8° Jena, Frommann, 1932.

GUTSCHMIDT, Joachim, 1902— *Neue Darstellungsmethoden von α -Laktonen am γ -Tetralon [Kiel] 29p. 8° Berl. [n. pub.] 1933.

GUTTADIAPHOT.

See also Blood, Examination.

BEYER, H. *Das Guttadiaphot in der Landpraxis [Berlin] 26p. 8° Charlottenb., 1932.

BRUCH, R. H. *Klinische Untersuchungen mit dem Guttadiaphot, einer neuen Blutuntersuchungsmethode nach Meyer, Bierast und V. Schilling. 37p. 8° [Berl.] 1929.

DIETER, R. *Untersuchungen von gesunden und kranken Hunden mittels der Guttadiaphotmethode [Leipzig] 40p. 8° Ludwigsb., 1936.

JANSEN, P. *Das Guttadiaphotverfahren. 62p. 8° Bonn, 1931.

KOBER, K. *Untersuchungen über das Guttadiaphot nach Meyer, Bierast und Schilling [Kiel] 31p. 8° [Libau] 1929.

KREBS, R. *Untersuchungen über das Wesen und die Brauchbarkeit der Guttadiaphotmethode nach Meyer, Bierast und Schilling bei unseren Haustieren. 54p. 8° Lpz., 1930.

KRÜGER, G. *Das Guttadiaphot und seine Ergebnisse bei Kindern [Berlin] 47p. 8° Helmstedt i. Br., 1933.

ITTER, U. *Hat der Eiweissgehalt des Blutserums Einfluss auf das Guttadiaphot? [Berlin] 14p. 8° Lpz., 1931.

Also Fol. haemat., 1930, 41:

SCHILLING, V. Das Guttadiaphot nach Meyer, Bierast, Schilling; ein neues Verfahren zum Nachweis von krankem Blut für Klinik und Praxis. 92p. 8° Jena, 1929.

Also Verh. Berl. med. Ges. (1928) 1929, 59: 47-55.

ULLRICH, L. *Klinische Untersuchungen über das Guttadiaphotverfahren [Würzburg] 14p. 8° Homburg-S., 1932.

Anding, K. P. [Guttadiaphot, a new practical method in examination of the blood] Odess. med. J., 1929, 4: 541-3.

Audino, A. Valore del guttadiaphot in rapporto al processo gravidico. Arch. ostet. g., 1933, 2. ser., 20: 402. Also Atti Accad. fisior. Siena, 1933, 11. ser., 1: 353-67.—**Beyer, H.** Die Brauchbarkeit des Guttadiaphotes für den Landarzt. Med. Welt, 1933, 7: 1822.—**Frey, H. C.** Zum Guttadiaphot von Meyer, Bierast und Schilling. Schweiz. med. Wschr., 1930, 60: 813-22.—**Gaspär, I.** The guttadiaphot test. N. York State J. M., 1931, 31: 1316.—**Gesenius, H.** Das Guttadiaphot; zur Klärung der Grundlagen des Guttadiaphotverfahrens nach Meyer, Bierast und Schilling. Zschr. klin. Med., 1928, 109: 549-59.

— Das Guttadiaphot; weitere Beiträge zum Parallelgehen von Tropfbildausfall und Blutwasserergehalt. Ibid., 1929-30, 112: 215-24.—**Haberlandt, F.** Zur theoretischen Klärung des Guttadiaphotverfahrens. Ibid., 1931, 116: 532-9.—**Hittmair, A.** Das Guttadiaphotverfahren. In Handb. allg. Hämat. (Hirschfeld) Berl., 1933, 2: 1. Hälfte, 491-4, pl.—**Hochloff, A. W.** Zur Wertung des Guttadiaphots in der gynäkologischen Diagnostik. Zbl. Gyn., 1931, 55: 1421-5.—**Hörner, S.** Die Guttadiaphotmethode in der Gynäkologie. Ibid., 1933, 57: 992-9.—**Koopman, J.** [The guttadiaphot] Geneesk. gids, 1929, 7: 813-9.

— **Kubota, Y.** A study on guttadiaphot. Orient. J. Dis. Inf., Kyoto, 1934, 15: 6.—**Kürzel, L.** Der Einfluss von Schwangerschaft und gynäkologischen Erkrankungen auf das Guttadiaphot. Mschr. Geburtsh. Gyn., 1931, 89: 71-108.—**Lageder, C.** Sul valore del guttadiaphot. Clin. med. ital., 1931, 62: 767-85.—**Lami, G.** Notizia sul nuovo diagnostico ematologico Guttadiaphot. Riforma med., 1929, 45: 731-7.—**Loben, F.** Studien über die Brauchbarkeit des Guttadiaphots in Klinik und Praxis. Med. Welt, 1935, 9: 1632-4.—**Iorenz, E.** Das Guttadiaphot beim kranken Kinde. Klin. Wschr., 1929, 8: 1574-6.—**Mavros.** Das Guttadiaphot; tierexperimentelle Untersuchungen über das Positivwerden des Guttadiaphots durch Anämie und Infektion. Zschr. klin. Med., 1929-30, 112: 205-14.—**Meyer, F., & Bierast, W.** Ein Wort zur praktischen Nachprüfung der Guttadiaphot-Methode. Med. Welt, 1931, 5: 258-60.

— **Schilling, V.** Das Guttadiaphot; das Guttadiaphot, eine für die tägliche Praxis bestimmte neue und einfache Methode zum Nachweis von krankem Blut. Zschr. klin. Med., 1928, 109: 523-39.—**Mohrmann, B. H. U., & Blut, F.** Was leistet das Guttadiaphot für Praxis und Klinik? Deut. med. Wschr., 1929, 55: 225-7.—**Nicolau, C. T.** Das Guttadiaphot; die Verwendung des Guttadiaphots in der Poliklinik als hämatologische unspezifische Methode und seine Empfindlichkeit gegenüber den anderen Methoden. Zschr. klin. Med., 1929-30, 112: 196-204.—**Oelkers, H. A., & Ammon, R.** Das Guttadiaphot; physikalisch-chemische Untersuchungen zum Guttadiaphotproblem. Ibid., 1931, 117: 505-39.—**Opitz & Krüger, G.** Die Anwendung des Guttadiaphots bei Kindern. Mschr. Kinderh., 1931, 50: 377-85.—**Oppermann, T.** Die Bedeutung des Guttadiaphots für die veterinärmedizinische Praxis. Deut. tierärztl. Wschr., 1933, 41: 545-8, pl.—**Piéchaud, F., Dutrénil, J., & Guibert, M.** Le guttadiaphot; une nouvelle méthode d'examen de sang par analyse capillaire au moyen de papiers filtres colorés. J. méd. Bordeaux, 1934, 111: 485-500, pl.

— Réponse à l'article de M. Kopaczewski sur le guttadiaphot. Ibid., 1935, 112: 579.—**Rondelli, U.** Sull'analisi capillare del sangue. Minerva med., Tor., 1931, 22: 561-5.—**Silén, E. B., & Haggström, C. E.** [The guttadiaphot test] Hygiea, Stockh., 1929, 91: 138; 186, 2 pl.—**Sasaki, K.** Experimental studies on the guttadiaphot test of naval men. Bull. Nav. M. Ass., Tokyo, 1940, 29: No. 7, 1.—**Schilling, V.** Der praktische Wert des Guttadiaphot bei der Syphilis. Deut. med. Wschr., 1929, 55: 654.

— Guttadiaphot nach Fr. Meyer und W. Bierast, ein interessanter neuer Weg klinischer Blutuntersuchung. Med. Klin., Berl., 1928, 24: 648-51.

— Das Guttadiaphot; über das Zusammenwirken einfacher Blutuntersuchungsverfahren (Hämogramm, Senkung, Wassermann, Guttadiaphot) in Klinik und Praxis der inneren Medizin. Zschr. klin. Med., 1928, 109: 560-97.

— Das Guttadiaphot nach Meyer, Bierast und Schilling; eine neue praktische Blutuntersuchungsmethode. Zschr. ärztl.

Fortbild., 1929, 26: 45-8. — Was verspricht das Guttadiaphot als Massenuntersuchungsmittel? Arch. Schiffstropenhyg., 1929, 33: Beiheft, 3, 233-9 [Discussion] 232. — & Bruch, R. Das Guttadiaphot; klinische Untersuchungen über die Anwendung der Tropfbildmethode. Zschr. klin. Med., 1928, 109: 540-8. — Schrey & Henke. Das Guttadiaphot in der Tierheilkunde. Arch. wiss. prakt. Tierh., 1930, 61: 465-84. — Schulz, E. Guttadiaphotuntersuchungen an Gesunden und scheinbar Gesunden. Deut. ired. Wschr., 1930, 56: 1035-8. — Plutbild und Guttadiaphot zur Beurteilung körperlicher Festigkeit und sportlicher Leistungen (Ergebnisse von Untersuchungen bei der Heereswaldlaufmeisterschaft in Wünsdorf 1930 unter Leitung von Oberstabsarzt Dr. Full, leit. San.-Off. beim Lehrgang für Leibesübungen, Wünsdorf bei Berlin) Zschr. klin. Med., 1931, 116: 540-64. — Shibata, T., Hayashi, S., & Watarai, J. Untersuchungen über Guttadiaphot. Jap. J. M. Sc., 1930-32, 2: Proc. Int. Med., 126. — Suter, E. [Capillary blood analysis] Verl. Akad. wet. Amsterdam, 1925, 34: 221-36. Also Arch. néerl. physiol., 1925, 10: 340-61. Also Ned. tschr. geneesk., 1925, 69: 2515-20. — Sodano, A. La reazione del sangue al guttadiaphot nel campo ostetrico. Arch. ostet. gin., 1934, 2. ser., 21: 483-96. — Sülle, J. [Guttadiaphot method in clinical diagnosis] Orv. hetil., 1932, 76: 513-5. — Takagaki, H. Studien über das Guttadiaphot. Kekkaku, 1935, 13: 36-8. — Trappen, P. von der. Klinische Erfahrungen mit dem Guttadiaphot nach Meyer-Bierast-Schilling. Med. Klin., Berl., 1930, 26: 1225. — Tsudomi, T. Diagnostic value of guttadiaphot. Bull. Nav. M. Ass., Tokyo, 1934, 23: 2. — Walinski, F. Ueber Guttadiaphot bei organischen und nichtorganischen Erkrankungen. Zschr. klin. Med., 1931, 117: 370-4. — Wenzel-Wacker, A. Erfahrungen mit der Meyer-Bierast-Schilling'schen Guttadiaphotmethode. Ibid., 1928, 109: 598-602. — Wilke, A. Erfahrungen mit der Guttadiaphot-Methode. Med. Klin., Berl., 1931, 27: 285.

GUTTAPERCHA.

See Paladium.

GUTTENBERG, Fritz, 1908— *Die Arbeitsblutzuckerkurve als Masstab für tonisierende Wirkungen im Mittelgebirgsklima. 18p. 8°. Freib. i. B., R. Goldschagg, 1932.

GUTTENBERG, Hanny, 1911— *Ein Beitrag zur Kenntnis der Perioistitis gonorrhoeica. 15p. 22½cm. Freib. i. B., Weis, Mühlhans & Rappke, 1936.

GUTTENBERG, Wilhelm, 1901— *Kann die Mikro-Meinicke-Reaktion dem praktischen Arzt die üblichen serodiagnostischen Methoden ersetzen? 15p. 8°. Freib. i. B., R. Goldschagg, 1927.

GUTTER, Rupert, 1903— *Ueber die perkutane Resorption salbeninkorporierter Salicylate (Ammonium salicylicum, Natrium salicylicum, Zincum salicylicum) 23p. 8°. Münch., Hohenhaus, 1934.

GUTTFELD, Martin, 1902— *Entbindungen nach Strassmannscher Operation [Breslau] 24p. 8°. Liebau, H. Hiltmann, 1933.

GUTTFREUND, Anni, 1903— *Besteht ein Zusammenhang zwischen dem Sättigungszustand und der Stärke des Saug- und Suchreflexes des Säuglings [Berlin] 19p. 8°. Lpz., F. Marscheider, 1930.

GUTTIERES, Jacques, 1906— *Sur une forme clinique particulière de l'algéolyse d'origine arthritique. 59p. 8°. Par., Lipschütz, 1935.

GUTTIN, Jean, 1913— *Evolution des principaux signes caractéristiques des néphropathies gravidiques avec hypertension au cours de la période de rétention du fœtus mort in utero; 3 observations. 47p. 24½cm. Lyon, Impr. Salut Pub., 1939.

GUTTING, Josef, 1909— *Gutartige Kiefertumoren; unter Berücksichtigung der in der chirurgischen Klinik Heidelberg von 1918 bis 1935 zur Behandlung gekommenen Fälle [Heidelberg] 40p. tab. 21cm. Schifferstadt-Pfalz, E. Geier, 1936.

GUTTMACHER, Alan Frank, 1898— Life in the making. xii, 297p. illust. 8°. Garden City, N. Y., Garden City Pub. Co. [1933]

— Into this universe; the story of human birth. x, 366p. illust. pl. portr. 8°. N. Y., Viking Press, 1937.

GUTTMAN, Emeri, 1902— *Contribution à l'étude des viandes frigorifices. 51p. 8°. Par., M. Vigné, 1932.

GUTTMAN, Paul Henry, 1901— *Addison's disease: A study of the pathology and a statistical analysis [Univ. Minnesota] 85p. 8°. [Minneapolis, n. pub.] 1930.

GUTTMANN, Aron Hersch, 1913— *Triboulet-Reaktion zur Diagnose der ulcerösen Darmtuberkulose. 8p. 21cm. Zür., Stampfenbach, 1938.

GUTTMANN, Beate, 1911— *Studien zum biologischen Giftnachweis an der Maus. 26p. 8°. Tüb., A. Becht, 1934.

GUTTMANN, Ernst, 1903— *Untersuchungen über die Form natürlicher und künstlicher Zähne unter besonderer Berücksichtigung der Neigung der Höckerflächen (ein Beitrag zum Artikulationsproblem) 23p. 8°. Bonn, P. Kubens, 1931.

GUTTMANN, Georg, 1865— Die Syphilis mit besonderer Berücksichtigung ihrer Erscheinungen im Munde. 3. Aufl. xi, 99p. 22 pl. 8°. Berl., H. Meusser, 1920.

— Haut- und Infektionskrankheiten mit besonderer Berücksichtigung ihrer Erscheinungen im Munde; ein Leitfad für Zahnärzte und Studierende. xi, 163p. 16 pl. 8°. Berl., H. Meusser, 1926.

GUTTMANN, Henryk, 1907— *Contribution à l'étude des infections du névraxe avec atteinte prédominante du neurone périphérique (syndrome rappelant cliniquement les polyneuropathies) 55p. 8°. Par., L. Rodstein, 1934.

GUTTMANN, Ludwig, 1899— Physiologie und Pathologie der Liquormechanik und Liquordynamik. p.1-114. 8°. [Berl., 1936] In Handb. Neur. (Bumke & Foerster) Berl., 1936, Bd 7, 2. Teil.

— Röntgendiagnostik des Gehirns und Rückenmarks durch Kontrastverfahren. p.187-522. 8°. [Berl., 1936]

In Handb. Neur. (Bumke & Foerster) Berl., 1936, Bd 7, 2. Teil. See also Forster, E., Guttman, L. [et al.] Liquor Hirnpunktion Röntgenologie. 553p. 8°. Berl., 1936.

GUTTMANN, Ruth, 1907— *Behandlung des Prolapses unter besonderer Berücksichtigung der Anatomie und Funktion der Harnblase. 24p. 8°. Bresl., M. & H. Marcus, 1932.

GUTTMANN, Walter, 1873— Medizinische Terminologie; Ableitung und Erklärung der gebräuchlichsten Fachausdrücke aller Zweige der Medizin und ihrer Hilfswissenschaften. 23.-24. Aufl. viii p. 1,250 columns. illust. 8°. Berl., Urban & Schwarzenberg, 1930. Also 25.-26. Aufl. vi, 2p. 1,244 columns. 8°. Berl., 1932. Also 28. Aufl. 1,184 columns. 8°. Berl., 1937. Also 29. Aufl. 1,058 columns. 25½cm. Berl., 1939.

— The same. Terminologia medica; ed. Ital., curata dal Gianfelice Fogliani. x p. 1460 col. on 730p. illust. roy. 8°. Milano, F. Vallardi, 1932.

See also Lexikon der gesamten Therapie des praktischen Arztes. 2v. 1718p. Paged consec. 4°. Berl., 1915-16.

GUTTMANN Cherniak, Benjamin. *Fisura del ano [Chile] 71p. 14 pl. 26cm. Santiago, Impr. Ed. Cultura, 1940.

GUTTORMSEN, Sigmund Egil, 1909— *Beiträge zur Kenntnis des Ganoidengebisses, insbesondere des Gebisses von Colobodus

[Zürich] 43p. 2 l. 2 pl. fol. Basel, E. Birkhäuser & cie, 1937.

GUTTULINIDAE.

See *Mycetozoa*.

GUTZEIT, Hans [Erich Max] 1894— *Die Zahnhygiene im Heer [Berlin] 41p. 8° Charlottenb., F. Peters, 1924.

GUTZEIT, Heinz, 1902— *Perniziöse Anämie nach Magen- und Kolonresektion. 17p. 8° Königsb.-Pr. [n. pub.] 1930.

GUTZEIT, Klaus, 1907— *Ein Beitrag zur Kenntnis der Arachnodaktylie und Ektopia lentis. 16p. 8° Berl., R. Pfau, 1933.

GUTZEIT, Kurt, 1893— Ueber die Gastrotenteritis, Entzündung des Magen- und Darmkanals und ihre Folgeerscheinungen. 119p. pl. 8° Münch., J. F. Lehmann, 1933.

— & **TEITGE, Heinrich**. Die Gastroskopie; Lehrbuch und Atlas. viii, 342p. illust. roy. 8° Berl., Urban & Schwarzenberg, 1937.

GUTZMANN, Albert, 1900— *Ueber die Verwertbarkeit der Expression der Samenblasen zur Feststellung der Zeugungsfähigkeit in der gerichtlichen Medizin. 25p. 8° Berl., W. Greve, 1926.

GUTZMANN, Albert [Theodor Karl] 1837-1910. Das Stottern und seine gründliche Beseitigung durch ein methodisch geordnetes und praktisch erprobtes Verfahren. Neu bearbeitet von Hermann Gutzmann und Gustav Wende. 2. Teil. 7. Aufl. p. l. 202p. 8° Berl., E. Staude, 1912.

GUTZMANN, Hermann [Albert Karl] 1865-1922. Sprachheilkunde; Vorlesungen über die Störungen der Sprache mit besonderer Berücksichtigung der Therapie; herausg. von Harold Zumsteeg. xi, 730p. 8° Berl., H. Kornfeld, 1924.

— Sprache ohne Kehlkopf; kleines Lehr- und Übungsbuch zur Erlernung der natürlichen Röhrrstimme. 30p. illust. 8° Lpz., C. Kabitzsch, 1936.

See also **Gutzmann, Albert**. Das Stottern und seine gründliche Beseitigung durch ein methodisch geordnetes und praktisch erprobtes Verfahren. 2. Teil. 7. Aufl. 202p. 8° Berl., 1912.

GUTZMANN, Kurt, 1890— *Ein Beitrag zur Frage der Wurzelversenkungen in das Antrum. 48p. 2 pl. 8° Berl., Gebr. Hoffmann, 1933.

GUTZOV, Nikolai [Dimitrov] 1897— *Alopecia areata in Beziehung zu Zahnerkrankungen. 46p. 23cm. Berl., R. Pfau, 1937.

GUTZWILLER, Lucie. *Oesophago-Trachealfistel und Oesophagusatresie bei Fehlbildungen des Oesophagusepithels; Beitrag zur Entstehung der Melaena vera. 13p. 8° Basel, B. Schwabe & Co., 1937.

GUVACINE.

See under *Areca*.

GUY, André, 1906— *Contribution à l'étude des complications chirurgicales et obstétricales des fixations utérines. 53p. 8° Par., A. Legrand, 1937.

GUY, André, 1915— *Le sang rouge dans les ulcères du duodénum. 58p. 24cm. Par., Jouve, 1939.

GUY, Chester Chappell, 1899— See Chicago. Cook County Hospital. Internes' Alumni Association. Pathological conferences. 1164p. 23½cm. Chic., 1940.

GUY, Edouard Pascal, 1913— *Contribution à l'étude de l'intoxication phosphorée. 30p. 24cm. Par., Le François, 1939.

GUY, John, & LINKLATER, G. J. I. Hygiene for nurses. vii, 211p. 12° Edinb., E. & S. Livingstone, 1930. Also 2. ed. xi, 211p. 1933. Also 4. ed. xi, 218, 1p. illust. 1937. Also 5. ed. xiii, 239p. incl. illust. tab. diagr. 1940.

GUY, Joseph Amédée, 1882— *Recherches sur les lipases du sérum et des organes dans la tuberculose expérimentale du cobaye. 85p. 8° Par., L. Arnette, 1932.

GUY Marie Juliette Simone, 1910— *Evolution de la population en Gironde; considérations sur la dénatalité. 73p. 25cm. Bord., Delmas, 1937.

GUY, Thomas, 1644-1724.

Fawcett, J. Thomas Guy: his hospital and his times. Guy's Hosp. Gaz., Lond., 1931, 45: 506-11.—**Hale-White, W.** Satirical prints of Thomas Guy. Guy's Hosp. Rep., Lond., 1930, 80: 379-83, pl.

GUY Walter Bryant, 1869— Chemistry in therapeutics. x, 182p. 8° Phila., W. R. Huntsman [1935]

— Benzoic acid therapy in cancer. 34p. 23cm. Rochester, N. H., Record Press [1937] For biography see Med. Rec., N. Y., 1934, 140: 525.

GUYBERT de la Beausserie, René, 1901— *Traitement des stérilités d'origine métritique par la diathermie. 50p. 8° Par., Vigot frères, 1930.

GUYE, Georges. *Der Kompressionsbruch und die traumatische Erweichung des Mondbeines [Basel] 51p. 8° Lpz., F. C. W. Vogel, 1914.

Also Deut. Zschr. Chir., 1914, 130:

GUYE, Pierre. *La cirrhose pigmentaire; à propos des cas de cette affection examinés à l'Institut Pathologique de Genève au cours de 30 années (1905-35) [Genève] 39p. 8° Bâle, B. Schwabe & Co., 1936.

GUYENOT, Emile. L'hérédité. 2. éd. vi, 470p. 12° Par., G. Doin & cie, 1931.

GUYER, Michael Frederic, 1874— Animal biology. xii, 744p. 8° N. Y., Harper & bros., 1931. Also 2. ed. xx, 735p. illust. diagrs. 1937. Also 4. ed. xvi, 331p. illust. diagrs. 8° Chic., Univ. Chic. Press [1936]

— & **HELLBAUM, Halcyon W.** Laboratory outlines for animal biology. xiii, 240p. illust. 8° N. Y., Harper & bros., 1933.

GUYNOT de la Boissière, Raymond, 1904— *L'insulinothérapie dans l'amaigrissement des tuberculeux pulmonaires. 52p. 8° Par., M. Vigné, 1929.

GUYODO, François Marie, 1910— *Contribution à l'étude du fibrome pur des muscles striés. 49p. 8° Par., A. Legrand, 1937.

GUYON, Charles Auguste Alexandre, 1879— *Le cornage chronique chez le cheval et son traitement chirurgical par l'opération de Williams [Alfort] 28p. 8° Orléans, Impr. Orléanaise, 1929.

GUYON, Félix, 1831-1920.

Farreras, P. [Biography] Rev. españ. med. cir., 1932, 15: 519.—**Legueu, F.** [Biography] J. urol. méd., Par., 1931, 32: 483-542.

GUYON, François, 1905— *Contribution à l'étude du traitement de la syphilis par le bismuth liposoluble. 103p. 8° Par., Ed. Sc. & Ther., 1933.

GUYON, René. Sex life and sex ethics; transl. from the French by J. C. and Ingeborg Flügel. xxii p., 386p. 8° Lond., J. Lane, 1933.

GUYOT, Félix, 1880— Yoga: the science of health. 191p. 8° N. Y., E. P. Dutton & Co. [1937]

GUYOT, Jean, 1904— *Les méningées vermineuses. 88p. 8° Par., Jouve & cie, 1935.

GUYOT, Jean Joseph Marie, 1910- *La physiothérapie des arthrites gonococciques. 138p. 8°. Par., Lipschütz, 1935.

GUYOT, Léon Albin, 1880- *Le service vétérinaire de la division Cochinchine-Cambodge. 66p. 8°. Lyon, Bosc frères, 1936.

GUYOT, Louis, 1902- *Goniométrie articulaire; contribution à l'étude et à l'évaluation des ankyloses et des raideurs articulaires par les mensurations goniométriques. 101p. 8°. Par., N. Maloine, 1933.

GUYOT, Louis, 1914- *Contribution à l'étude des modifications du pouvoir antiscorbutique dans divers produits d'oxydation de vitamine C. 102p. 25½cm. Lyon, M. & L. Riou, 1939.

GUYOT, M.

See Bernheim, G., & Guyot, M. Traité d'analyses par les rayons ultra-violetes filtrés. 363p. 8°. Par., 1932.

GUYOT, Marcel Alexandre, 1908- *Contribution à l'étude des fractures de l'épitrachée et de leurs complications. 52p. 2 pl. 24cm. Nancy, Lorraine, Rigot & cie, 1934.

GUYOT, Paul, 1910- *Les états affectifs supérieurs chez les schizophrènes; leurs rapports avec le désordre associatif étudiés à la faveur de l'activation insulinaire. 113p. 8°. Par., Libr., E. Le François, 1938.

GUYOT, Philibert, 1899- *La variole à Paris en 1925-1927; épidémiologie et prophylaxie générale de la maladie (étude critique) 48p. pl. 8°. Par., Jouve & cie, 1927.

GUYOT, Raymond, 1910- *De la syphilis de l'oesophage en particulier au point de vue anatomo-pathologique (avec examen microscopique de 2 cas personnels) 62p. pl. 8°. Genève, A. Kundig, 1930.

GUY'S Hospital gazette. Lond., v. 1, 1872-

GUY'S Hospital Gazette Committee. Directory of Guy's men (medical and dental) incorporating life members of the clubs' union. 1936. xxxii, 145p. 8°. Lond., Ash & Co., 1936.

GUY'S Hospital reports. Lond., v. 1-89, 1836-1939.

GUYTON, Thomas Lee, 1884- Insect pests of the household. 21p. 8°. Harrisb., Pa., 1926.

Forms No. 432 of Bull. Pennsylvania Dep. Agr.

GUYTON-MORVEAU, Louis Bernard, 1737-1816. Metodo per purgare le arie infette e per preservarsi da tutte le malattie contagiose ... ed estratto di notizie relative al metodo stesso di Cadet de Veaux con esperienze del signor Paroletti. 2. ed. 56p. 2 pl. 21cm. Milano, G. Silvestri, 1831.

See also Gilbert, A., & Cornet, P. Guyton de Morveau et les fumigations guytonniennes. Paris méd., 1926, 60: annexe, 636-9.

GUZMAN Abarca, Guillermo. *Estudio químico experimental; sobre la acción de la vitamina C en la composición de los elementos figurados de la sangre [Chile] 34p. 26cm. Santiago, R. & H. Benaprés, 1938.

GUZMAN Fernández, Alberto. *La reacción de mastie en pediatría; contribución al problema diagnóstico de la heredo-lúes [Chile] 58p. roy. 8°. Santiago, La Tracción, 1929.

GUZMAN Polloni, Jorge. *Radiumterapia en las metroendometritis crónicas [Chile] 87p. roy. 8°. Santiago, Impr. Express, 1928.

GUZMAN Valenzuela, Guillermo. *Las pihemias crónicas puerperales [Chile] 147p. 9 ch. 2 diagr. roy. 8°. Santiago, A. Poupin, 1929.

GUZZETTA, Philip C., jr. *Treatment of carcinoma of the prostate gland [Milwaukee Co. General Hosp.] 30 l. 28cm. [Wauwatosa] 1939.

Typewritten

GUZZONI degli Ancarani, Arturo, 1858-1927. Pestalozza. E. Commemorazione Atti Soc. ital. ostet., 1927, 26: p. xlix-lviii, portr.

GVOZDIEVA, Stephana Nicolova, 1908- *Les infirmières visiteuses et leur rôle social. 74p. 25½cm. Bord., Y. Cadoret, 1933.

GWINN, Charles Dudley. A text-book of exodontia. x, 242p. 8°. Phila., Lea & Febiger, 1927.

GWINN, Ralph Waldo, 1884- See Fritts, Frank, & Gwinn, Ralph Waldo. Fifth Avenue to farm. 282p. 8°. N. Y., 1938.

GWINN, Van Henry, 1868-1933. [Obituary] J. Florida M. Ass., 1933, 20: 223.

WINNER, Hugo, 1912- *Zur Frage der künstlichen Schwangerschaftsunterbrechung bei Typhusbazillenausscheiderinnen [München] 19p. 21cm. Würzb., K. Triltsch, 1935.

GWOSDZ, Anna, 1900- *Die Hochdrucknephritis mit Atherosklerose im Kindesalter 19p. 8°. Bresl., C. Stenzel, 1927.

GWYNNE-VAUGHAN, Helen Charlotte Isabella Fraser, 1879- & **BARNES, Bertie Frank.** The structure & development of the Fungi. 2. ed. xvi, 449p. illust. pl. 8°. Cambr. [Eng.] Cambr. Univ. Press, 1937.

GYAKORLO orvos könyvtára. Budap., Nos. 26-35, 1931-34.

GYALOCEPHALUS.

See Strongylidae.

GYE, William Ewart, 1884- & **PURDY, Wilfrid John.** The cause of cancer. xiv, 515p. illust. diagrs. roy. 8°. Lond., Cassell & Co. [1931]

GYERGYAY, Árpád. [New knowledge on the Eustachian tube] 24p. 8°. Budap., 1932.

Forms Apr. Különt., v.22, Orvostképzés.

GYGAX, Paul. *Beitrag zur Kasuistik der Ankylosis mandibulae vera. 32p. 8 pl. 8°. Zür., Buchdr. Berichthaus, 1930.

Also Schweiz. Mschr. Zahnh., 1930, 40: 179-208.

GYGE.

Hughes, T. E. The effects on the fat and starch metabolism of Gebia by the parasite Gyge branchialis. J. Exp. Biol., Lond., 1940, 17: 331-6.

GYGER, Rudolf. *Ueber die Beziehung der markhaltigen Nervenfasern zur Recklinghausenschen Krankheit [Basel] 11p. 8°. Luzern, Keller & Co., 1930.

GYLLENSVAERD, Nils [Robert Vilhelm] 1896- Experimentelle und klinische Studien über Avertinnarkose. 280p. 8°. Helsin., Mercator, 1933.

Forms Suppl. 22. v.70, Acta chir. scand.

GYLLENSVAERD, Curt [Elof] 1894- *Bidrag till frågan om alkoholverkningskraftighet [Contribution to the question on the effect of alcohol on heredity [Uppsala] 162p. 8°. Stockh., P. A. Norstedt & Sönnner, 1923.

— Some sources of error at differential count of white corpuscles in blood-stained smears. 81p. 8°. Upps., Almqvist & Wiksell, 1929.

Forms Suppl. 2, v.8, Acta paediat.

GYMNAMEBIDAE.

See under Amebida.

GYMNASIUM.

See also **Playground**.

LAMAR, E. The athletic plant; layout, equipment and care. 302p. 8°. N. Y. [1938]

Beyeler. Turn- und Spielplätze. Samml. Refer. Sportärztl. Zentrkurs, Bern (1937) 1938, 217-24.—Campos, A. A educação física nos colégios; o Ginásio diocesano S. João da Campanha, no Sul de Minas, e suas atividades esportivas. Educ. fis., Rio, 1941, No. 50, 25.—Cline, L. V. A school cleans up its gym. J. School Health, 1939, 9: 207.—Crook, B. L., & Higgs, H. E. The application of color psychology in the corrective gymnasium. Physiother. Rev., 1938, 18: 304-8.—Hagen, G. A. New features in gymnasium planning; a description of the Wakefield, Michigan, facilities. J. Health Phys. Educ., 1935, 6: No. 6, 20-3.—Kayser. Die Verwertung der Erzeugungsstätten eines stillgelegten Gaswerks für eine Turnhalle und eine Badeanstalt. Gesundh. Ingenieur, 1926, 49: 364-6.—Winters, A. R., Pretymann, A. I. [et al.] Trends in physical education facilities and gymnasium construction. 1 cs. Q. Am. Phys. Educ. Ass., 1930, 1: 41-50.

GYMNASTICS.

See also **Beauty; Exercise; Physical education; Sport; Training**.

JUKOLA, M. Athletics in Finland. 152p. 8°. Helsin., 1932.

Abrahams, A. Athletics. In Brit. Encycl. M. Pract. (Rolleston, H.) Lond., 1936, 2: 220-38.—Apel, M. The rhythm of 600 wooden shoes. J. Health Phys. Educ., 1941, 12: 230-2.—Arnold, A. Rundschau: Leibesübungen und Sport. Jahrskurs. ärztl. Fortbild., 1937, 28: H. 6, 31-41.—Bezdek, H. Modern trends in athletics. J. Health, 1936, 7: 319; 344.—Camp, W. The daily dozen set-up. Phys. Training, 1918-19, 16: 686-97.—Clarke, H. H. Extramural athletics in the East. J. Health, 1936, 7: 498; 526.—Delaria, A. Sull'importanza sociale della ginnastica e specie di quella respiratoria applicata nell'età infantile. Pediatr'a (Riv.) 1934, 42: 1228-47.—Faunce, H. P. Athletics for the service of the nation. Am. Phys. Educ. Rev., 1918, 23: 137-43.—Jenne, E. I. Athletics up to date. J. Health Phys. Educ., 1939, 10: 148.—Möhling, P. Schulturnen; orthopädisches Turnen; Hilfsturnen. Zschr. orthop. Chir., 1927, 48: 537-40.—Nagera, J. M. Kinefilaxia; educación física y deportismo. Prensa méd. argent., 1941, 28: 352-6.—Vinaj, A. La ginnastica pedagogica, profilattica e medica di fronte alle moderne esigenze sociali. Ann. igiene, 1925, 35: 876; 983.

corrective.

See also **Posture**.

RATHBONE, J. L. Corrective physical education. 2. ed. 305p. 20cm. Phila., 1939.

Biasch, V. [Correcting gymnastics as method of fighting deformities in school life] Profil. med., Kharkov, 1927, 6: 61-7.—Hansson, K. G. Corrective gymnastics. School Physicians Bull., 1933, 3: 8-11.—Haymann, C. Ginnastica correctiva; seus pés a atormentam? Educ. fis., Rio, 1940, No. 43, 30-2.—McGrath, A. M., & Lilly, W. S. Corrective work in physical education. J. School Health, 1940, 10: 180.—Meyer, F. A. Corrective gymnastics as applied to school work. Am. Phys. Educ. Rev., 1926, 31: 1053-8.—Stafford, G. T. First problem in education to prevent or correct physical defects. School Life, 1924-25, 10: 114.—Truslow, W. Corrective gymnastics in orthopedic surgery. Arch. Phys. Ther., 1933, 14: 547-9.

Education.

BLIJENBURGH, W. P. H. VAN. Wetenschappelijke grondslagen van het gymnastiekonderwijs. 359p. 8°. Rotterd., 1920.

CAULKINS, E. D. Aims and methods in school athletics. 481p. 8°. N. Y. [1932]

HOWLAND, I. S. The teaching of body mechanics in elementary and secondary schools. 203p. 8°. N. Y., 1936.

TSCHAMMER UND OSTEN, H. V., & CONTI, L. Jugendpflege durch Leibesübungen; körperliche Erziehung als biologische Aufgabe des Staats. 23p. 8°. Lpz., 1935.

WILLIAMS, J. F., & HUGHES, W. L. Athletics in education. 2. ed. 472p. 8°. Phila., 1937.

Barkdoll, O. R. Teaching gymnastics with home-made aids. J. Health Phys. Educ., 1940, 11: 491-3.—Bartels, F. Leibesübungen in der Gesundheitsführung. Verh. Internat. Sportärztekongr. (1936) 1937, 2 Kongr. 352-60.—Bingham, W. J. Athletics in school and college. School & Soc., 1924, 19: 454-60.—Brossmer. Das Echo der Deutschen Tagung für Körpererziehung. Zschr. Schulgesundh., 1925, 38: 25.—Die praktische Arbeit des Deutschen Reichsausschusses für Leibesübungen. Ibid., 1927, 40: 549-51.—Cany. Considera-

tions sur la nécessité d'introduire les exercices gymnastiques dans l'éducation. Séance pub. Soc. méd. Toulouse, 1833, 107-18.—Carnot, P. Les méthodes de la gymnastique éducative. Paris méd., 1925, 57: 520-3.—Clark, L. Melrose high school experiments. Res. Q. Am. Phys. Educ. Ass., 1935, 6: Suppl. 111-5.—Coerper, C. Ueber die tägliche Turnstunde in Volksschulen. Zschr. Gesundhfürs., 1923, 36: 33-7.—Crampton, C. W. The health program of the physical training department, Board of Education, New York City. Am. J. Obst., 1914, 70: 145-8.—Cross section of the hygiene work of the Department of Physical Training, Bureau of Education, New York City. Am. J. School Hyg., 1917, 1: 9-15.—Curtis, H. S. Physical training in the normal school. Pedagog. Sem., Worcester, 1913, 20: 391-400.—DeGroat, H. S. A study pertaining to the athletic directorship of intercollegiate athletics. Res. Q. Am. Phys. Educ. Ass., 1936, 7: 14-35.—Drigalski, W. von. Zur Frage der täglichen Turnstunde. Zschr. Gesundhfürs., 1923, 36: 37-42.—English, A. H. Individual gymnastics in the public schools. Mother & Child, 1923, 4: 436-40.—Fauver, E. The place of intercollegiate athletics in a physical education program. Am. Phys. Educ. Rev., 1922, 27: 272-6.—Fürst, T. Der Turnunterricht im Rahmen der allgemeinen Hygiene. Zschr. pädag. Psychol., 1926, 27: 420-8.—Govaerts, A. Leçon inaugurale du cours sur la théorie de la gymnastique. Bruxelles méd., 1936-37, 17: 83-91.—Grimschl, E. Die physikalischen Schülerübungen in Deutschland. Verh. Deut. Ges. Naturforsch., 1913, 85: 2. Teil, 787-91.—Haines, F. E. Present status of athletics in certain junior high schools in the State of Pennsylvania. Abstr. Theses Univ. Pittsburgh, 1932, 8: 328.—Hei. Die Sportkurse der NS-Gemeinschaft Kraft durch Freude in Berlin 1934. Berl. Wirtschaftsb., 1935, 12: 119.—Hoeffmayr, L. Die tägliche Turnstunde. Münch. med. Wschr., 1923, 70: 337.—Hopfenmüller, H. Der gute und der schlechte Turner (statistische und experimentelle Untersuchungen in der Volksschule über die Stellung der turnerischen Veranlagung im Gesamtbild der Persönlichkeit) Zschr. angew. Psychol., 1935, 49: 208-35.—Jahn, H. Körperliche Erziehung in täglicher Turnstunde. Zschr. Gesundheitsverwalt., 1934, 5: 7-10.—Jökl, E. Zur Reform des Schulturnens. Zschr. Schulgesundh., 1930, 43: 225-30.—Kelley, R. J. A suggested program of rhythmic activities for high school boys and girls. Month. Bull. Indiana Div. Pub. Health, 1937, 40: 91.—Launer, P. Schule und Leibesübungen. Samml. Refer. Sportärztl. Zentrkurs, Bern (1937) 1938, 225-33.—Mateeff, D. The physical development of students in the Bulgarian gymnasiums. Res. Q. Am. Phys. Educ. Ass., 1939, 10: No. 3, 39-52.—Mitchell, E. D. Making athletics a bigger part of physical education. Am. Phys. Educ. Rev., 1922, 27: 51-8.—Niederhöffer-Egidy, L. von. Was können wir an Grundsätzlichem aus der Schwedischen Gymnastik für unsere Schulkinder gebrauchen? Gesundh. & Erzieh., 1935, 48: 360-4.—Noeggerath, C. Leibesübungen und Körperentwicklung bei Kindern und Jugendlichen. Deut. med. Wschr., 1936, 62: Sonderausg. B, 52-6.—Ortmann, H. Das Sondernturnen in den Schulen nach dem Ministerialerlass vom 6. März 1926. Fortsch. Gesundhfürs., 1928, 2: 307-11.—Reijs, J. H. O. [Gymnastics in schools] Tsch. sociale hyge., 1933, 35: 81-92.—Richter, A. L. The school administrator views athletics. Month. Bull. Indiana Div. Pub. Health, 1937, 40: 171.—Sargent, D. A. The field of the department of physical training in educational institutions in the development of public hygiene. Tr. Internat. Congr. Hyg. Demogr. (1912) 1913, 15. Congr., 4: 460-70.—Schnell, W. Körperliche Erziehung, die tägliche Turnstunde. Deut. Zschr. öff. Gesundheitspf., 1925-26, 2: 66-84.—Seiss, M. Zur körperlichen Erziehung des weiblichen Geschlechts in der Schule. Sportmedizin, 1929, 1: H. 4, 5-8.—Shoemaker, A. Physical training as a health agent and the need of establishing physiological standards in China. China M. J., 1913, 27: 357-62.—Spitz, H. Körperliche Erziehung in der Schule und Schulschloßen. Verh. Deut. Ges. orthop. Chir., 1910, 462-9.—Taylor, W. S. Intramural athletics for men in Negro colleges. Res. Q. Am. Ass. Health, 1940, 11: No. 2, 60-7.—Thomas, C. J. Motor training in elementary schools. J. R. Inst. Pub. Health, 1910, 18: 156-9.

History.

HOFMANN, W. Leibesübungen, ein Heilmittel in der Medizin der Antike. 45p. 21½cm. Düsseldorf., 1938.

HUBER, K. Theorie der gymnischen Erziehung bei den Römern. 107p. 8°. Langensalza, 1934.

JÜTHNER, J. Körperkultur im Altertum. 76p. 8°. Jena, 1928.

MESSERLI, F. Histoire générale de la culture physique et de la gymnastique médicale. 118p. 12°. Lausanne, 1916.

Campo (Nel) dell'igiene e dell'educazione antiche ginnica di Roma antica. Illust. med. ital., 1928, 10: 127-30.—Cardini, M. Pagine d'igiene antica; la ginnastica greca. Ibid., 107-11.—Ginnica muliere nell'antica Ellade. Ibid., 1929, 11: 10-3.—Centenary (The) of Ling, the father of Swedish gymnastics. J. Am. M. Ass., 1939, 113: 1654.—Cyriax, E. F. Concerning the early literature on Ling's medical gymnastics. Janus, Leiden, 1926, 30: 225; 1927, 31: 91.—Gordon, B.

Grecian athletic training in the third century (A. D.) Ann. M. Hist., 1935, 7: 513-8.—**Oliver** Wendell Holmes and athletics. Good Health, 1934, 69: No. 9, 17.—**Tridente**, M. Ieco da Taranto, antichissimo medico e ginnasiarca, maestro di dieta atletica. Med. ital., 1940, 21: 162-72.—**Wilhelm**, H. E. Turnlehrer und Arzt in Platons Gorgias. Klin. Wschr., 1935, 14: 721.—**Woody**, T. Philostratos: concerning gymnastics. Res. Q. Am. Phys. Educ. Ass., 1936, 7: 3-26.

Hydrogymnastics.

See also **Paralysis**, Treatment; **Poliomyelitis**.

LOWMAN, C. L., **ROEN**, S. G. [et al.] Technique of underwater gymnastics; a study in practical application. 276p. 8° Los Ang., 1937.

Hansson, K. G. Hydrogymnastics. In Cyclop. Med. (Piersol-Bortz) Phila., 1939, 6: 124-39.—**Hubbard**, L. W. Hydrogymnastics. Internat. Clin., 1933, 43, ser., 3: 212-5, pl.—**Lowman**, C. L., & **Bright**, E. A. Hydrogymnastics from the physical education standpoint. J. Health Phys. Educ., 1935, 6: No. 4, 8-10.—**Olsen**, A. B. Indications for hydrokinesitherapy (underwater therapeutic exercise) Arch. Phys. Ther., 1935, 16: 295-8.

Indications, and contraindications.

HELMCHEN, H. [W. J.] *Die Gymnastik als Nachbehandlung von plastischen Operationen am Hüftgelenk [Berlin] 22p. 8° Halle, 1930.

Bettica, R. La ginnastica nelle anomalie fisiche. Igiene e vita, 1935, 18: 309.—**Campani**, A. La medicina nello sport; sui limiti della ginnastica e dello sport negli adolescenti. Riv. med. soc. tuberc., 1933, 10: 347-9. — Sui limiti della ginnastica e dello sport negli adolescenti. Fol. med., Nap., 1934, 20: 53.—**Fischer**, E. Heilgymnastische Behandlung bei Stoffwechselerkrankungen. Prakt. Arzt., 1937, n. F., 22: 55-60.—**Giovannini Cattaneo**, J. L. La posologia y las contraindicaciones de la ginnasia medica. Prensa med. argent., 1931-32, 18: 953-8.—**Hittmair**, A. Die Herzfunktionsprüfung als Eignungserhebung im Turn- und Sportbetrieb. Med. Klin., Berl., 1931, 27: 1307-9.—**Marloth**. Schulturnbefreiung. Deut. med. Wschr., 1937, 63: 796-8.—**Michaelis**, W. Indikationsstellung und Funktionskontrolle in der Heilgymnastik. Zschr. orthop. Chir., 1932, 56: 497-505.—**Müller**, N. Heilgymnastische Behandlung der Rückgrats- und inneren Krankheiten. Naturärztl. Rdsch., 1938, 10: 254-62.—**Rollier**, A. Le rôle de la gymnastique dans le traitement et la prévention des tuberculoses chirurgicales et de la scoliose. Helvet. med. acta, 1938, 5: 872-6.—**Schlechtig**, H. Turn- und Schwimmbefreiungen durch den Schularzt. Gesundh. & Erzieh., 1933, 46: 249-54.—**Scholtz**, H. G., & **Klausing**, C. Gymnastik bei inneren Krankheiten. Fortsch. Ther., 1935, 11: 473-81.—**Wolfe**, E. F. You need a vacation every day. Phys. Cult., N. Y., 1941, 85: 20.

Institutes, and societies.

BUENOS AIRES. SOCIEDAD SUIZA DE GIMNASIA. Aniversario, 1885-1935. 98p. 4° B. Air., 1935.

Boileg. Une démonstration d'éducation physique à l'école de gymnastique de Joinville-le-Pont. Paris méd., 1919, 31: 505-8.—**Bunle**, H. Sur la statistique des sociétés de gymnastique et de sports. Bull. Inst. internat. statist., Haye (1930) 1937, 29: No. 2, 245-51.—**Daughtrey**, G. Intramural clubs. J. Health Phys. Educ., 1940, 11: 613.

Instruments.

See also **Mechanotherapy**.

Bettmann, E. H. A universal instrument for corrective exercises. Arch. Phys. Ther., 1940, 21: 211-5.—**Greenberg**, L. Health and body developing machine. U. S. Patent Off., 1940, No. 2,209,160.—**Hamlin**, H. E., & **Waterman**, F. A. The energy cost of chinning the bar and push-up exercises. Res. Q. Am. Phys. Educ. Ass., 1936, 7: 75-80.—**Kogel**, C. W. Our aid the ropes. J. Health Phys. Educ., 1940, 11: 551.—**Leverdin**, A. Die Dr. G. Zander'sche medico-mechanische Gymnastiksmethode. Mschr. prakt. Baln., 1896, 2: 204-12.—**Price**, H. D. Ginnastica de barra fixa. Educ. fis., Rio, 1940, No. 49, 27-30.—**Vohland**, W. Boxball und Sandsack in der orthopädischen Übungsbehandlung. Münch. med. Wschr., 1935, 82: 1328-30.

Manuals, and journals.

BUKH, N. E. Primary gymnastics, the basis of rational physical development. 148p. 8° Lond., [1925]

— Fundamental gymnastics; the basis of rational physical development; transl. from the 2nd Danish ed. by E. R. Andrews & K. Vesterdal. 202p. 8° N. Y. [1928]

DREW, L. C. Adapted group gymnastics. 150p. 8° Phila., 1927.

HIRSHBERG, L. K. Build your body to be a success; how to become a real man and a beautiful woman. 123p. 12° N. Y. [1926]

HOKE, R. J., & **SCHMITH**, O. Grundlagen und Methodik der Leichtathletik; eine Einführung in die Leichtathletik für Studenten, Lehrer und Aerzte. 225p. 8° Lpz., 1937.

KNUDSEN, K. A. A text-book of gymnastics (form-giving exercises) transl. by F. Braae Hansen. 364p. 8° Phila., 1937.

LINDHARD, J. Den specielle Gymnastiktheorie. 3. ed. 413p. 8° Kbh., 1927.

— The theory of gymnastics. 359p. 8° Lond. [1934]

McDOWELL, T. Gymnastic movements. 58p. 8° Lond., 1935.

MÜLLER, O. B. Planegymnastik für skole, haer og flaaede, spejdere og ungdomsforbund, skytte-, gymnastik- og idrætsforeninger. 206p. 8° Kbh., 1922.

TEORIA I PRAKTIKA FIZICHESKOI KULTURY. Moskva, Nos. 1-11, 1939.

Methods.

LOCKINGTON, W. Ein praktisches System für Männer. p.163-237. 20½cm. Innsbr., 1938.

SURÉN, H. Gymnastik der Deutschen. 46. Aufl. 175p. 20cm. Stuttg. [1935]

Bear, B. E. British gymnastics. Child, Lond., 1917-18, 8: 328-31.—**Carlquist**, M. With the least possible tension the governing principle of a development of Ling's gymnastics. J. Health Phys. Educ., 1940, 11: 6-10.—**Castaing**, H. Méthodes de gymnastique utilisées on utilisables dans l'armée. Bull. Soc. méd. mil. fr., 1911, 5: 469-72.—**De Munter**, L., & **Ledent**, R. La gymnastique suédoise. Mouvement hyg., Brux., 1911, 27: 197: 245.—**Ducroquet**. La gymnastique pédagogique suédoise. Progr. méd., Par., 1908, 3, ser., 24: 325-9; 337.—**Govaerts**, A. Idées modernes sur la gymnastique. Arch. méd. belge, 1933, 86: 490-7.—**Hubert van Blijenburgh**, W. P. [Physical training and Swedish gymnastics] Ned. tschr. geneesk., 1923, 67: 212-4.—**Kipiani**, V. L'alphabet gymnastique. Rev. psychol., Brux., 1911, 4: 370-2.—**Munter**, L. de, & **Ledent**, R. Un problème d'éducation physique; la gymnastique suédoise. Scalpel, Liège, 1911-12, 64: 33; 95; 479; 654.—**Quinze** (Os) princípios do método Decroly. Educ. fis., Rio, 1941, No. 50, 31.—**Swedish** educational gymnastics. S. Thomas Hosp. Gaz., Lond., 1912, 22: 292-8.

orthopedic.

See also under names of deformities and sequelae of injuries.

GEBHARDT, K. Chirurgische Krankengymnastik. 46p. 8° Lpz., 1931.

HOHMANN, G., & **STUMPF**, L. Orthopädische Gymnastik. 156p. 8° Lpz., 1933.

SCHÜTT, K. [T. H.] *Chirurgie und Gymnastik [Berlin] 44p. 8° Charlottenb., 1930.

Baduel. Orthopédie; gymnastique. Gaz. san., Par., 1934, 3: 137.—**Bettmann**, E. Orthopädie und Gymnastiksysteme. Zschr. orthop. Chir., 1934, 61: 405-20.—**Braun**, A. Ueber das orthopädische Turnen. Zschr. Schulgesundh., 1926, 39: 213-7.—**Ciriminna**, A. La ginnastica medico-fisiologica nella prevenzione di talune deformità ortopediche. Cult. med. mod., Pal., 1938, 17: 249-53.—**Desfosses**, P. La cinésithérapie. In Traité chir. orthop. (Ombredanne) Par., 1937, 2: 1169-209.—**Deutschländer**, K. Zur Frage des orthopädischen Schulturnens nebst Bemerkungen über die körperliche Erziehung der Schulkinder. Zschr. orthop. Chir., 1927-28, 49: 235-48. — Was ist orthopädisches Turnen? Verh. Deut. orthop. Ges., 22. Kongr. (1927) 1928, 268-72.—**Elsom**, J. C. Specific therapeutic exercise in certain orthopedic conditions. Arch. Phys. Ther., 1935, 16: 135-8.—**Franz**, S. I. Motor education. Crippled Child, 1928-29, 6: 28-30.—**Gaugle**. Die Gefahren des orthopädischen Schulturnens. Zschr. orthop. Chir., 1932, 57: 31-5.—**Köhler**, P. Orthopädie und Leibesübungen. Ibid., 1933, 60: 281-90.—**Kolde**, I. Orthopädisches Turnen. Naturärztl. Rdsch., 1938, 10: 75-8.—**Levy**, E. Orthopädie und Gymnastik. Aerztl. Rdsch., 1928, 38: 230.—**Oroszow**, D. W. [Physical culture as a means of orthopedic training] Polska gaz. lek., 1931, 10: 815-9.—**Ortmann**, H. Der orthopädische Turnlehrer in der Hilfs- und Anstaltschule. Zschr. Behandl. Schwachsinn., 1927, 47: 131-5.—**Puky**, P. Realizzazione pratica di direttive moderne nella ginnastica ortopedica. Policlinico, 1939, 46: sez. chir., 534-44.—**Thomsen**. Orthopädie und Leibesübungen. Verh. Deut. orthop. Ges. (1937) 1938, 32: 38-49.—**Vagedes**, von. Ueber orthopädisches Turnen (Sonderturnen) in den Schulen. Zschr. Schulgesundh., 1926, 39: 317-22.—**Wibaux**, R. Le jeu orthopédique à l'école. Rev. hyg., Par., 1926, 48: 765-73.—**Zotov**, V. A. [Application of therapeutic physical culture during the world war] Ortop. travmat., 1940, 14: No. 2, 60.

— Pathology.

Altschul, W. Zweckmässigkeit und Schädlichkeit der Gymnastik. Med. klin., Berl., 1936, 32: 596.—Bronnikova, K. N. [Effect of various sports on the genital organs of women] Vrach. gaz., 1929, 33: 20-6.—Joland. L'abus de la gymnastique et la loi sur l'éducation physique. Paris méd., 1921, 39: 37-42.—Knoll, W. Ueberbeanspruchung durch Leibesübungen. Deut. med. Wschr., 1937, 63: 1483-5.—Lambertini, G. Il mio concetto degli ipermorfismi nel campo della anatomia atletica. Boll. Soc. ital. biol. sper., 1936, 11: 295-7.—Ledent, R. Les erreurs gymnastiques. Ann. internat. méd. phys., Anvers, 1937, 30: 8.—Rosenbaum, S., & Schulze, A. Die tägliche Turnstunde. Umschau, 1926, 30: 801-4.—Schlesinger, E. Die Turnstunde. Ibid., 1930, 34: 41-4.—Sickinger, A. Der täglichen Turnstunde entgegen! Zschr. Schulgesundh., 1928, 41: 499-501.

— Physiology.

Arnold, A. Körperentwicklung, Körperbau und Leibesübungen. Zschr. ges. Anat., 2. Abt., 1929-30, 15: 353-433.—Cantoni, O., & Micheli, P. L. Circolo respiro e ricambio energetico negli atleti in condizioni basali. Minerva med., Tor., 1937, 28: pt 2, 679-84.—Csinády, E., & Veress, E. Die Wirkung des Turnunterrichts auf die geistige Leistungsfähigkeit. Arbeitsphysiologie, 1938-39, 10: 109-29.—Govaerts, A., & Delanne, R. Etude de quelques effets d'une leçon de gymnastique sur l'organisme humain. Bull. Acad. méd. Belgique, 1939, 6. ser., 4: 423-36.—Grasso, G. E'vantaggio provocato o aumento do volume dos musculos? Educ. phys., Rio, 1940, No 39, 28-30.—Hering, W. Beziehungen zwischen Körperkonstitution und turnerischer sportlicher Eignung. Arch. Hyg., Berl., 1928, 100: 154-63.—Hermesmeier, F. Wirkung des Turnunterrichts auf die geistige Leistungsfähigkeit der Schulkinder. Zschr. pädag. Psychol., 1927, 28: 43-55.—Heyer, G. R. Seelische Führung durch Gymnastik; ein neuer Hilfsweg bei der Behandlung von Neurosen. Nervenarzt, 1928, 1: 408-17.—Heyer, L. Ueber psychische Wirkungen der Gymnastik. Med. Welt, 1932, 6: 393.—Hinsche, G. Zur Frage der Wirkung des Turnunterrichts auf die geistige Leistungsfähigkeit der Schulkinder. Zschr. Schulgesundh., 1928, 41: 257-60.—Kaup, J., Gotthardt, P. [et al.] Aerztlich-hygienische Wahrnehmungen bei turnerischen Wettkämpfen. Münch. med. Wschr., 1927, 71: 2050-6.—Lundahl, J. [Gymnastics as physical therapy] Sven. läk. tidn., 1928, 25: 561-6.—Meythaler, F., & Droste, A. Blutzuckeruntersuchungen bei leichtathletischen Sportarten. Klin. Wschr., 1934, 13: 439-43.—Noeggerath, C. Kind und Leibesübungen (Versuch einer physiologischen Betrachtungsweise) Mschr. Kinderh., 1926, 34: 317-50.—Schlesinger, E. Der Einfluss der Leibesübungen auf die Entwicklung der Kinder und Jugendlichen. Arch. Kinderh., 1927, 82: 39-58.—Der Einfluss der Leibesübungen auf Kinder und Jugendliche; die unmittelbare Wirkung des Turnens in der Schulturnstunde. Ibid., 1929, 87: 1-31.—Ueber die Wirkung der Leibesübungen auf das Kind. Ibid., 1930-31, 92: 193-215.—Silveira, A. Da physicultura scientifica: bases racionais; acção da gymnastica sobre o organismo. Rev. med., S. Paulo, 1927, 12: 330-8.—Takahashi, J., Sato, M. [et al.] Investigation into the influence of bodily exercise on the function of the circulatory system; relation between the impulse production and the impulse conduction of the heart before and after athletic exercise, and the influence of athletic exercise upon the electrocardiogram. Acta Scholae med. Univ. Kioto, 1928-29, 11: 425: 519.—Telmann. Die Bedeutung des Turnens und der Gymnastik für das Kind. Med. Welt, 1927, 1: 954.—Vetokhin, I. A. [Manifestations of energy and fatigue during physical culture movements] In Probl. biol. med. (Leontovich, A. V.) Moskva, 1935, 680-93.—Walton, A. The effect of age on motor abilities in athletes. Abstr. Diss. Stanford Univ., 1931-32, 7: 161-4.—Wohlfel, T. Zur Frage der Wirkung des Turnunterrichts auf die geistige Leistungsfähigkeit der Schulkinder. Zschr. Schulgesundh., 1928, 41: 386.

— remedial.

See also Reeducation.

DREW, L. C. Individual gymnastics; a handbook of corrective and remedial gymnastics. 3. ed. 286p. 8°. Phila., 1926.

LUBINUS, J. H. Lehrbuch der medizinischen Gymnastik. 2. Aufl. 144p. 8°. Münch., 1933.

MATTHIAS, E. Lehrbuch der Heilgymnastik. 274p. 8°. Münch., 1937.

SOUZA ARAUJO E MENEZES, A. G. DE. *Da gymnastica medica como meio hygienico e terapeutico. 79p. 8°. Lisb., 1878.

STAFFORD, C. H. Book of drawings entitled Mrs. Caroline Helen Stafford's system of curative physical culture, or muscular cures. 44 pl. 8°. Wash., 1897.

Arnoldi, W. Zur Gymnastik älterer Personen. Fortsch. Ther., 1936, 12: 675-82.—Barilari, M. J., & Campagnoli, M. Gimnasia y deporte como terapéutica funcional; su valor profilático y curativo. Sem. méd., B. Air., 1938, 45: pt 2,

36-40.—Bettmann, E. Die Grundlagen einer Heilgymnastik. Praxis, Bern, 1936, 25: 571; 584.—Bryant, C. P. Diagnostic and therapeutic gymnastics; presentation of case. J. Am. Inst. Homeop., 1939, 32: 97; 157; 228; 285.—Cadenale, P. La culture physique ressource thérapeutique dans certaines affections médicales et chirurgicales de l'enfance. J. méd. Bordeaux, 1922, 52: 700-5.—Faber, A. Nouvelle orientation sur la gymnastique médicale (hygiénique) Acta med. scand., 1930, 74: 1-12. Also Ann. méd. phys., Anvers, 1931, 24: 32-42. [Gymnastics—remedial gymnastics] Ugeskr. laeger, 1933, 95: 289; 547.—Faure, M. A propos de l'éducation physique et de la cinésithérapie en France. C. rend. Congr. internat. physiothér. (1910) 1911, 3. Congr., 206.—Guilmain, E. Rééducation psycho-motrice et gymnastique neuropsychique. Bull. méd., Par., 1938, 52: 543-7.—Hawley, G. Values of individual remedial gymnastics for college women. Physiother. Rev., 1935, 15: 100-3.—Huber, E. Die ärztliche Heilgymnastik in China. Münch. med. Wschr., 1927, 74: 1963.—Ivanovsky, B. A. [Physical exercises in ambulatory, medical practice] Sovet. med., 1940, No 12, 12-5.—Jaup, R. Krankengymnastik im Kurort. Balneologie, 1939, 6: 97-103.—Liebermann, A. von. Bedeutung und Wirkungsweise der schwedischen Heilgymnastik. Deut. med. Wschr., 1926, 52: 1908-10.—Mallwitz, A. Funktionelle Behandlung der Einsatztbeschädigten (durch Sport und Krankengymnastik) Deut. Militärarzt, 1941, 6: 80-3.—Marinel, F. Le. L'enseignement de la gymnastique et des sports au point de vue de l'hygiène et comme agents thérapeutiques. Rapp. Congr. internat. physiothér., 1905, 1. Congr., No 93, 1-10.—Mayr, O. Allgemeine Gymnastik in der ärztlichen Praxis. Münch. med. Wschr., 1934, 81: 897-900.—Messeri, F. M. Cures d'air, de soleil, de gymnastique et de sports en Suisse. Verh. Internat. Sportärztekongr. (1936) 1937, 2. Kongr., 408-10.—Minkevich, M. A. [Results in application of therapeutic exercises among physically weak children of school age] Pediatra, Moskva, 1940, No 9, 113-6.—Opizzi, J., & Strusberg Furer, H. El extremismo y la gimnasia abdominal. Rev. san. mil., B. Air., 1937, 36: 152-60.—Rosenfeld, L. Erfahrungen über vorwiegendes Turnen und das sogenannte Heiltürnen bei Schulkindern. Zschr. Gesundheitsverwalt., 1930, 1: 373-8.—Schwan, H. Ausgewähltes Kapitel aus der Heilgymnastik. Arch. Orthop. Unfallchir., 1930, 28: 362-9.—Trèves, R. Constatações médicas feitas ao cours de la rééducation physique des hommes du contingent de la classe 1921 à l'école de Joinville. Arch. méd. pharm. mil., 1922, 77: 198-219.—Weinhold. Gymnastik in Kurorten. Zschr. wiss. Bäderk., 1928-29, 3: 249.—Westman, C. [Gymnastics for the sick; a neglected remedy] Sven. läk. tidn., 1933, 30: 1201-11.—Wiese, O. Heiltürnen. Zschr. Tuberk., 1931, 62: 132-45. [Discussion] 145-60.—Wilson, I. G. The gradation of specific exercises. Physiother. Rev., 1940, 20: 148-55.

— respiratory.

BEHR, V. Atemgymnastik als Heilfaktor. 78p. 22cm. Hannover [1938]

IDE, J. Praktische Lungengymnastik zur Hebung der Gesundheit und Leistungsfähigkeit für Schulbesucher, Stubenhocker [etc.] 6. und 7. Aufl. 58p. 8°. Münch., 1922.

LAMY, L. La gymnastique respiratoire et la gymnastique orthopédique chez soi. 2. éd. 128p. 12°. Par., 1935.

LOTTERMOSER, H. *Die Entwicklung der Atemgymnastik in der Neuzeit [Berlin] 43p. 8°. Rost., 1935.

MANN, W. M. Respiratory exercises as the first principles of physical training. 52p. 12°. Lond. [1925]

Boehm, G. Effect of breathing exercises on the movement of the diaphragm. Brit. J. Phys. M., 1936, 11: 176-8.—Büsing. Aerztliches zu den Atemübungen. Arzt & Sport, 1935, 1: 22.—Cuccodoro, C. C. La ginnastica respiratoria in clima marino. Riv. idr. clim., 1930, 41: 279-86.—Delaria, A. Sull'importanza sociale della ginnastica e specie di quella respiratoria applicata nell'età infantile. Pediatra (Riv.) 1934, 42: 1460-86.—Durig, A. Ueber die physiologischen Grundlagen der Atemübungen. Wien. klin. Wschr., 1931, 44: 6; 46.—Dutech. La cure physique; l'éducation et la gymnastique respiratoire chez les enfants. Rev. laryng., Par., 1926, 47: 726-33.—Eisenmenger, R. Prophylaktische und therapeutische Bedeutung der Atmungsübungen. Wien. klin. Wschr., 1937, 50: 1419-22. — Aus dem Gebiete der physikalischen Heilmethoden; Atmungsübungen. Wien. med. Wschr., 1939, 89: 263-5.—Gittins, R. J. Breathing exercises with moving arms and muscular inhibition. Brit. M. J., 1927, 2: 239.—Hill, H. Breathing exercises with moving arms. Ibid., 1: 422.—Hirsch, R. Atmungsgymnastik; Atmungstherapie. Med. Welt, 1929, 3: 569-73.—Hofbauer, L. Notwendigkeit ärztlicher Kontrolle bei Atemgymnastik und Sportbetrieb. Med. Klin., Berl., 1929, 25: 1848-50.—Kamprad, W. Die Zwerchfellatmung als Heilfaktor. Prakt. Arzt, 1936, n. F., 21: 515-20.—Lambert, E. de. La respiration et les exercices respiratoires d'après la Yoga; leur valeur au point de vue thérapeutique; les rapports de la doctrine hindoue et de sa

méthode avec la morphologie médicale. Bull. Soc. form. humain., Par., 1925, 3: 371-414.—**Lehmann, R.** Tiefatembgymnastik. Zschr. Schulgesundh., 1928, 41: 337-46.—**Levy, E.** Ueber die Technik und die therapeutische Bedeutung der Atembgymnastik. Fortsch. Ther., 1929, 5: 413-8.—**Liebermann, A. von.** Atmungsgymnastik und Atmungstherapie. Med. Klin., Berl., 1928, 24: 702; 740; 781.—**Marker, J.** Was wissen wir von der chinesischen Atem- und Heilgymnastik? Zschr. Schulgesundh., 1928, 41: 290.—**Parisius, K.** Ueber Atemtherapie. Fortsch. Med., 1936, 54: 134-7.—**Pescher, J.** L'entraînement des nouveau-nés et des nourrissons débiles par l'utilisation méthodique, de la gymnastique respiratoire des cris d'appel. Presse méd., 1930, 38: 301.—**Roehheid, L.** Ueber die Verlängerung der Lebensdauer durch rationelle Atembewegungen (passive Aortengymnastik) Zschr. ärztl. Fortbild., 1934, 31: 241-4.—**—** Zwerchfellatmung als Therapie speziell als passive Herz- und Aortengymnastik. Med. Welt, 1935, 9: 1245-8.—**Rosenthal, G.** L'habitude vicieuse de l'éducation spirométrique. Arch. méd. chir. app. resp., Par., 1935, 10: 492-7.—**Rumpf.** Zwerchfellatmung und Aortengymnastik. Zschr. ges. phys. Ther., 1930-31, 40: 73.—**Schütz, K.** Ueber Atmungstherapie und Körperübung. Wien. klin. Wschr., 1935, 48: 392-4.—**Tissé, P.** Du développement thoracique en une minute; contribution à la gymnastique pédagogique et médicale. J. méd. Bordeaux, 1927, 57: 274-9.—**—** Du développement thoracique en une minute; nouvelle technique de gymnastique respiratoire. Paris méd., 1927, 65: 489-98.—**—** Du gymnase à l'amphithéâtre; sur une nouvelle méthode de développement de la cage thoracique basée sur les principes de la gymnastique analytique. J. méd. Bordeaux, 1930, 107: 631-44.

— rhythmic.

MÜLLER, A. Rhythmische Gymnastik; eine Abhandlung über ihre Grundzüge. 55p. 4°. Jena, 1925.

RIESS, E. *Rhythmische Gymnastik und Körpererziehung; eine Untersuchung über die Eignung der rhythmischen Gymnastik für die körperliche Erziehung. 88p. 8°. Münch., 1929.

Foss, M. I. The theory of progression in calisthenic exercises as applied to Y. M. C. A. physical work. Phys. Training, 1918-19, 16: 809-13.—**Giese, F.** Gestalt und Rhythmus in der gymnastischen Körperkultur. Erg. ges. Med., 1926, 9: 539-76.—**Jeanneret, A.** La rythmique et la culture physique. J. méd. Paris, 1924, 43: 501.—**Jervell, O.** [Calisthenics and blood circulation] Norsk tskr. mil. med., 1931, 35: 90; 119.—**Popovic-Lupa, L.** [Physical education through rhythm] An. educ. fiz., Bucur., 1940, 9: 19-26.—**Rath, E.** Polyrhythmic gymnastics. Res. Q. Am. Phys. Educ. Ass., 1930, 1: 9-28.—**Wachholder.** Das rhythmische Prinzip in der modernen Körpererziehungsbewegung und seine biologischen Grundlage. Jahrb. Schles. Ges. vaterl. Cult. (1928) 1929, 101: 19-33.—**White, E.** Outline of objectives and materials for rhythmic activities for children. J. Health Phys. Educ., 1935, 6: No. 10, 29: 53.—**Wood, A.** A curva do esforço físico na calistenia. Educ. fis., Rio, 1939, No. 36, 15.

— Teacher.

See Physical education, Teacher.

— for children.

BRATUSCH-MARRAIN, A., & SIEGL, J. Naturgemässes Säuglingsturnen; ein Leitfadens der körperlichen Erziehung des Säuglings und Kleinkindes. 48p. 8°. Berl., 1931.

NEUMANN-NEURODE, D. Kindersport; Körperübungen für das frühe Kindesalter. 4. Aufl. 75p. 8°. Berl., 1924.

— Säuglingsgymnastik. 40p. 19cm. Lpz. [1938]

WERNER, L. *Die wissenschaftlichen Grundlagen des Säuglings- und Kleinkinderturnens nach Neumann-Neurode [Berlin] 23p. 21cm. Gütersloh i. Westf., 1939.

Bravetta, F. Ginnastica pei bimbi. Igiene e vita, 1933, 16: 555.—**Brüning, H.** Ueber Säuglings- und Kleinkinderturnen. Ther. Gegenwart, 1927, 68: 348-52.—**Casalini, G.** Ginnastica pei lattanti. Igiene e vita, 1933, 26: 265-8.—**Gottstein, W.** Leibesübungen im Kindesalter. Klin. Wschr., 1926, 5: 1593-6.—**Joyous (The)** physical culture life. Phys. Cult., N. Y., 1941, 85: No. 3, 48.—**LaPierre, C.** La gymnastique et les jeux de l'enfant. Union méd. Canada, 1932, 61: 418-21.—**Nuessel, K.** Leibesübungen und Kinderfürsorge. Fortsch. Med., 1926, 44: 627-34.—**Stoux, G. G., Hofstein, R. A., & Kausman, N. G.** [Gymnastics for children to the age of 2 years] Sovet. pediat., 1936, No. 10, 111-9.—**Telmann.** Leibesübungen im Kindesalter. Umschau, 1927, 31: 701-4.—**Wiese, O.** Kind und Leibesübungen. Zbl. ges. Kinderh., 1926-27, 20: 561-83.

— for women.

BJÖRKSTEN, E. Principles of gymnastics for women and girls; transl. from second Swedish edition (1926) by A. Dawson & E. M. Wilkie. 223p. 8°. Lond., 1932.

GLUCKER, A. Friseh und frei! Gymnastik der Frau in allen Lebensaltern. 5. Aufl. 31p. 8°. Stuttg. [1936]

KOHLRAUSCH, W., & LEUBE, H. Gymnastische Frauenbehandlung; Menstruationsstörungen, Schwangersehaft, Wochenbett. 54p. 8°. Jena, 1936.

SELLHEIM, H. Frauengymnastik im Lichte der funktionellen Entwicklung. 43p. 8°. Lpz., 1931.

SOMERS, F. A. Principles of women's athletics. 151p. 8°. N. Y., 1930.

VELDE, T. H. VAN DE. Sex efficiency through exercises; special physical culture for women. 163p. 8°. Lond., 1933.

Bermann, S. E., & Schwarz de Morgenroth, R. La ginnasia en la embarazada; tratamiento de ciertas perturbaciones neuromusculares y circulatorias del embarazo por la ginnasia. Bol. Soc. obst. gin. B. Aires, 1936, 15: 385-9.—**Burkhardt, G.** Die psychologischen Grundlagen und Grenzen der körperlichen Ausbildung der Frau. Arch. ges. Psychol., 1938, 101: 337-94.—**Cubberley, H. J.** Achievement scales in athletics for college women. Res. Q. Am. Phys. Educ. Ass., 1935, 6: 113-8.—**Düntzer, E., & Hellendall, M.** Einwirkungen der Leibesübungen auf weibliche Konstitution, Geburt und Menstruation. Münch. med. Wschr., 1929, 76: 1835-8.—**Fekete, S.** [Body exercise for women] Orvosképzés, 1933, 23: 432-41.—**Gasca, E.** Per l'igiene e l'estetica della donna e del bambino; ginnastica: quale ginnastica? Igiene e vita, 1935, 18: 115-21.—**Heim, K.** Bemerkung zum Vortrag von Wiegels, Leibesübungen der Frau. Zbl. Gyn., 1926, 50: 3192.—**Hohealobesse, W.** Richtlinien für Frauengymnastik. Arch. Gyn., Berl., 1927, 132: 96-103.—**Julien, G.** La culture physique gynécologique: sa nécessité, sa technique. J. méd. Paris, 1939, 59: 487-90.—**Kaboth, G.** Gymnastik und Frauenheilkunde. Zbl. Gyn., 1926, 50: 784-99.—**Klotz, R.** Sind sportliche und gymnastische Leistungen während der Menstruation statthaft? Deut. med. Wschr., 1933, 59: 1252-3.—**Kohlrausch.** Gymnastik in der Schwangerschaft und bei Menstruationsstörungen. Arch. Gyn., Berl., 1933-34, 156: 402-4.—**Lauener, P., & Ludwig, F.** Sollen die Schulmädchen während der Menstruation turnen oder sich sonstwie sportlich betätigen? Schweiz. med. Wschr., 1932, 62: 68-71.—**Mar, L.** Gesundheits-Gymnastik für die Frau und Mutter; Erfolge mit spezieller Frauen-Gymnastik bei Menstruationsbeschwerden, in der Schwangerschaft und im Wochenbett, bei Unfruchtbarkeit. Hippokrates, Stuttg., 1938, 9: 580-90.—**Sellheim, H.** Frauenorganismus; natürliche Übungen und künstliche Ertüchtigung. Ther. Gegenwart, 1929, 70: 145-52.—**—** Frau und Gymnastik. Umschau, 1929, 33: 283-7.—**—** Auswertung der Gymnastik der Frau für die ärztliche Praxis. Med. Klin., Berl., 1931, 27: 1739; 1780.—**Spirito, F.** Valore e limiti dell'attività ginnico-sportiva nella donna. Riv. ostet. gin., 1939, 21: 206-19.—**Stähler, F.** Gymnastik für Schwangere und Wöchnerinnen. Ther. Gegenwart, 1938, 79: 453-6.—**Thaler, H.** Die Frau und der Sport. Wien. med. Wschr., 1925, 75: 2105; 2176.—**Tiegel-Koch, U.** Gymnastik als neuzeitliches Frauenturnen und lebensfreudige Gestaltungskunst. Hippokrates, Stuttg., 1937, 8: 281-4.—**Westmann, S.** Die Frauengymnastik und ihre Beziehungen zur Heilkunde. Verh. Berl. med. Ges. (1927) 1928, 58: Teil 2, 198-211.—**Wiegels, W.** Entwicklung von Sport und Leibesübungen der Frau; ihre prophylaktische und therapeutische Bedeutung für die Gynäkologie. Zbl. Gyn., 1926, 50: 1833-47.

GYMNEMA.

See also Asclepiadaceae; Parageusia.

Chopra, R. N., Bose, J. P., & Chatterjee, N. R. Gymnema sylvestre in diabetes mellitus. Ind. J. M. Res., 1928, 16: 115-24.—**Mhaskar, K. S., & Caius, J. F.** A study of Indian medicinal plants; Gymnema sylvestre. Br. Ibid., 1930, No. 16, Suppl., 1-49, pl. map.

GYMNOASCIDAE.

See also Ctenomyces.

Chalmers, A. J., & Marshall, A. Tinea capitis tropicalis in the Anglo-Egyptian Sudan. J. Trop. M. Hyg., Lond., 1914, 17: 257; 289.—**Froilano de Hyllo.** Trichophyton viannai n. sp.; the infecting agent in a case of dermatomycosis. Ind. J. M. Res., 1917, 5: 222-33.—**Grigorakis, L.** Contribution à l'étude des dermatophytes. C. rend. Acad. sc., 1924, 179: 1423-5.—**Nannizzi, A.** Gymnoascus gypseum sp. n., forma ascofora del Sabouradites [Achorion] gypseum (Bodin) Ota et Langeron. Atti Accad. fisiocr. Siena, 1927, 10. ser., 2: 89-97.

GYMNOBRANCHIA.

See Gastropoda.

GYMNODINIOIDAE.

See also Dinoflagellata.

Busch, W. Zur Kenntnis der Gymnodinien. Arch. Protistenk., 1927, 58: 456-64.

GYMNOHETEROTRICHINA.

See Heterotrichida; Plagiostomidae; also names of genera as Balantidium; Blepharisma; Stentor, &c.

GYMNOPHALLUS.

See also Cercaria; Trematoda.

Cole, H. A. On some larval trematode parasites of the mussel (*Mytilus edulis*) and the cockle (*Cardium edule*) a new larval *Gymnophallus* (*Cercaria cambrensis*) sp. nov. from the cockle (*Cardium edule*). Parasitology, Lond., 1938, 30: 40-3.—*Isaichikov, J. M.* Des variations individuelles chez *Gymnophallus choleodochus* (Odhner, 1900). C. rend. Soc. biol., 1924, 91: 1187-9.

GYMNOPHION.

Tonutti, E. Beitrag zur Kenntnis der Gymnophionen; das Genitalsystem. Morph. Jahrb., 1931, 68: 151-202. — Vergleichend-morphologische Studie über die Phylogenie des Enddarmes und des Kopulationsorgans der männlichen Amnioten, ausgehend von den Gymnophionen. Ibid., 1932, 70: 101-30, pl.

GYMNOPHOBIA.

See Nudity; Phobia.

GYMNOPHTHALMUS.

Stuart, L. C. A description of a new *Gymnophthalmus* from Guatemala, with notes on other members of the genus. Occas. Papers Univ. Michigan Mus. Zool., 1939, No. 409, 1-10, pl.

GYMNOPLEA.

See under Copepoda.

GYMNOPLEURUS.

Sadao Ono. *Gymnopleurus* sp. as the intermediate host of *Spiruridae* found in the vicinity of Mukden, South Manchuria. J. Jap. Soc. Vet. Sc., 1932, 11: 116.

GYMNOSPERMAE.

See also Coniferae; Gingkoales; Juniper, &c.

Chamberlain, C. J. Nuclear phenomena of sexual reproduction in gymnosperms. Am. Natur., 1910, 44: 595-603.

GYMNOSPORANGIUM.

Crowell, I. H. New species of *Gymnosporangium*. Canad. J. Res., 1940, 18: Sect. C, 10-2.

GYMNOSPORIDIA.

See Hemosporidia.

GYMNOSTOMINA.

See Ciliata; Holotrichida; also names of genera as *Chilodon*; *Ichthyophthirius*.

GYMNOTUS.

See Electric fish.

GYNAEC ...

See Gynee ...

GYNANDRISM.

See also Hermaphroditism, pseudo; Intersex; Sex reversal; also under names of endocrine diseases and tumors.

Moreau, C. *A propos de kystes de l'ovaire tordus enlevés chez les deux frères pseudo-hermaphrodites gynandrides. 64p. 8° Par., 1929.

Agostini, G. Su di un caso di pseudo-ermafroditismo esterno femminile. Ann. osp. psichiat. Perugia, 1929, 23: 31-53, 8 pl.—*Atkinson, W., & Masson, J. C.* Bicornate uterus; atresia of the vulva with double vagina; pseudohermaphroditism. Surg. Clin. N. America, 1934, 14: 571-6.—*Auvray.* Un cas de gynandrie. Bull. Soc. nat. chir., Par., 1926, 52: 1102-5.—*Berner, O.* [General conception of female pseudohermaphroditism] Norsk. mag. laegevid., 1937, 98: 1011-26. — [Feminine pseudohermaphroditism] Ibid., 1938, 99: [Forh. Norsk. med. selsk] 196-9.—*Bolcek, L.* [Case of medium intersexuality in a woman] Bratisl. lek. listv., 1937, 17: 328-68.—*Braithwaite, J. V.* Giantism, virilism, and pseudohermaphroditism. Proc. R. Soc. M., Lond., 1934-35, 28: 148.—*Browkin, D. P.* Hermaphroditismus femininus et chondrotyrophia. J. Obst. Gyn. Brit. Empire, 1932, 39: 72-9, 4 pl.—*Caouette, J., & Garant, O.* Hermaphrodite gynandre externe. Bull. Soc. méd. hôp. Québec, 1935, 300-3.—*Carlisle, W. T.* A case of Hodenmädchen. S. Luke Hosp. Staff Clin. Bull., Chic., 1937, 1: 10.—*Carnett, J. B.* A case of gynandrous pseudohermaphroditism. Surg. Clin. N. America, 1930, 10: 1325-7.—*Cordes, E.* Ueber Geschwulstbildung der Keimdrüsen bei Pseudohermaphroditismus femininus externus. Beitr. klin. Chir., 1928, 142: 872-7.—*Daléas, P.* Pseudohermaphroditisme avec rudiment de cavité utérine atrophique sans communication avec les trompes; hématosalpinx double et hémopéritoine. Bull. Soc. obst. gyn. Paris, 1936, 25: 559-63.—*De Nigris, G.* Pseudoermafroditismo femminile e mascolinismo psichico in soggetto degenerato. Arch. gen. neur., Nocera, 1931, 11: 373-8, 2 pl.—*Didier, R.* Hermaphrodite gynandroïde. Mém. Acad. chir., Par., 1938, 64: 214-20.—*Estévez, R.* Pseudo-hermafroditismo (ginandroïde). Bol. Soc. cir. Chile, 1927, 5: 211-8.—*Feldmann, E.* Zur Kenntnis der suprarenalen Pseudarrhenie (Pseudohermaphroditismus femininus externus). Virchow's Arch., 1926, 259: 608-16.—*Fonyó, J.* [Case of feminine pseudohermaphroditism] Gyógyászat, 1932, 72: 99-102.—*García Bermejo, F.* Un caso de pseudohermafroditismo femenino externo. An. Hosp. S. José, Madr., 1931-32, 3: 182-5.—*Gerli, P.* Un caso di pseudoermafroditismo femminile associato a lussazione congenita bilaterale dell'anca. Osp. maggiore, Milano, 1933, 21: 351-5.—*Giacché, N.* Su di un caso di pseudo-ermafroditismo con nodulo aberrante di tessuto cortico-surrenale nel meso ovarico. Monit. ostet. gin., 1938, 10: 291-9.—*Golossov, A. A.* [False lateral femino-masculine and external-internal hermaphroditism] Vrach. gaz., 1929, 33: 2821.—*Guilleminet & Bardonnet.* Gynandre d'une variété exceptionnelle. Lyon chir., 1939-40, 36: 727-31.—*Herschman, O.* Die weibliche Intersexualität. Zschr. Sexwiss., 1927-28, 14: 406-12.—*Horney, K.* The flight from womanhood; the masculinity-complex in women, as viewed by men and by women. Internat. J. Psychoanal., Lond., 1926, 7: 324-39. — Flucht aus der Weiblichkeit; der Männlichkeitskomplex der Frau im Spiegel männlicher und weiblicher Betrachtung. Internat. Zschr. Psychoanal., Wien, 1926, 12: 361-74. — Der Männlichkeitskomplex der Frau. Arch. Frauenk., 1927, 13: 141-54.—*Kaplan, A. D.* [Rare case of simultaneous atresia ani et recti; uterus duplex cum vagina duplici; hermaphrod. spurius] Nov. khir., Moskva, 1926, 3: 166.—*Kodiček, E., & Schubert, O.* Hormonal conditions in hermaphroditismus externus femininus. Tr. Inst. hyg. pub. tchéc., 1937, 8: 128-38, graph.—*Kranzfeld, M.* Mitteilung über einen Fall von Hermaphroditismus externus femininus (interrenal-genitaler Syndrom). Arch. Gyn., Berl., 1930, 143: 188-200.—*Krediet, G.* [Influence of gonad on intersexual uteri] Ned. tschr. geneesk., 1930, 74: pt 2, 3725-7.—*Kreis, J.* Un cas de gynandrie mentale. Bull. Soc. gyn. obst. Paris, 1939, 28: 494-6.—*Lagos García, A.* Sudohermafroditismo femenino. Sem. méd. B. Air., 1938, 45: 1457-65.—*Landowski, L.* Les amphibies sexuels. Bull. méd., Par., 1933, 47: 805-8.—*Lepoutre, C.* Sur un cas de gynandroïde. J. urol. méd., Par., 1938, 45: 419-22.—*Löser, A., & Israel, W.* Zur Pathologie und Diagnose des Pseudohermaphroditismus femininus externus als innerer Sekretionsstörung. Zschr. urol. Chir., 1923, 13: 75-82.—*McCahey, J. E., & Ramsay, A. J.* Virilism and female pseudohermaphroditism with relation to the bisexual nature of the ovary. Am. J. Obst., 1938, 36: 108-15.—*Magnan.* Inversion du sens génital chez un pseudohermaphrodite féminin. Gaz. méd. Paris, 1911, 13. ser., 82: 169-71. — & *Pozzi.* Inversion du sens génital chez un pseudohermaphrodite féminin; sarcome de l'ovaire gauche opéré avec succès. Bull. Acad. méd., Par., 1911, 3. ser., 65: 223-59.—*Manning, J. B., Robinson, S., & Brush, N. H.* Pseudohermaphroditism (female type predominating). Am. J. Dis. Child., 1928, 35: 862-5.—*Mathias, E.* Ueber Andeutungsformen von Interrenalismus. Zbl. Gyn., 1926, 50: 2489-92.—*Monsch, G.* Ueber einen Fall von Pseudohermaphroditismus femininus externus. Schweiz. med. Wschr., 1934, 64: 509-12.—*Moszkowicz, L.* Die Entstehung des Scheidendefektes (Intersexualität* und Hypogonitalismus). Arch. Gyn., Berl., 1932, 151: 338-55.—*Muñozerro Pretel, A.* Un caso de pseudohermafroditismo femenino o ginandroidismo. Arch. med., Madr., 1936, 39: 94.—*Neumann, H. O.* Das grosszellige solide Karzinom der weiblichen Keimdrüse; das Karzinom der Scheinzwitter. Zwitter und der Jugendlichen beiderlei Geschlechts nach Robert Meyer. Zschr. Geburtsh. Gyn., 1930, 98: 78-102.—*Nové-Josserand & Pouzet.* Pseudo-hermaphrodite gynandroïde. Lyon chir., 1931, 28: 197-201.—*Ombredanne, L.* Deux cas de gynandrie. Bull. Soc. nat. chir., Par., 1926, 52: 835-49. Also Presse méd., 1926, 34: 887. — Une jeune fille dans une situation difficile; hermaphrodite gynandroïde parfaite. Ibid., 1933, 41: 417-9. — Au sujet de l'obser-

vation du gynandroïde du Professeur Nobécourt. Progr. méd., Par., 1934, 1274-8. — Un épisode dans l'histoire d'un hermaphrodite gynandroïde. Bull. Soc. pédiat. Paris, 1936, 34: 87-91. — Une forme particulière de gynandrie. Presse méd., 1936, 44: 937. — Une gynander qui prene elle-même ses responsabilités. Ibid., 1937, 45: 329-31. — & Debré, R. Gynandre à grande verge et à sinus uro-génital masqué. Arch. méd. enf., 1937, 40: 287-92. — Petersen, E. [Two cases of pseudohermaphroditism (sisters) with discussion] Nord. med., 1940, 8: 1959-61. — Pich, G. Ein Beitrag zur Kenntnis des glandulären Hermaphroditismus (Intersexualität mit gynandromorphem Einschlag) Beitr. path. Anat., 1937-38, 100: 460-505. — Polzer, K., & Priese, A. Weibliches Zwittertum bei Geschwistern; zugleich ein Beitrag zur Frage der Prostata bei weiblichen Intersexen. Frankf. Zschr. Path., 1937-38, 51: 257-85. — Popoviciu, T., Căprioară, D., & Purje, G. [Intersexual viriloid state] Cluj. med., 1933, 14: 72-81. — Quervain, F. de. Pseudohermaphroditismus femininus mit wahrscheinlich hypernephroidem Einschlag. Schweiz. med. Wschr., 1934, 64: 818. — Rocher, H. L. Pseudo-hermaphroditisme féminin familial. Bull. Soc. pédiat. Paris, 1925, 23: 427-9. — Rollins, P. R. Female pseudohermaphroditism. Northwest M., 1940, 39: 181. — Rupilius, K. Ein Fall von Pseudohermaphroditismus femininus (Klärung der Diagnose durch Probelaparotomie) Arch. Kinderh., 1929-30, 89: 276-81. — Seeliger, P. Pseudohermaphroditismus femininus externus. Zbl. Chir., 1935, 62: 2680-2. — Sorrel, E., & Sorrel-Dejerine. Un macrogénitosome gynandre. Presse méd., 1935, 43: 942-5. Also Rev. neur., Par., 1935, 42: 206-11. — Susca, D. Pseudohermaphroditismo feminino. Policlinico, 1932, 39: sez. prat., 891-4. — Tarabukhin, M. M. [Case of pseudo-hermaphroditism in a woman] Akush. gin., 1938, No. 4, 109. — Velden, C., & Noethe, R. Das weibliche Scheinzwittertum und seine Beziehungen zur Nebenniere (an Hand einer eigenen Beobachtung) Frankf. Zschr. Path., 1939, 53: 153-77. — Vivoli, D., & Etcheberry, P. A. Sobre un caso de pseudo-hermaphroditismo femenino. Rev. méd. lat. amer., B. Air., 1928, 13: 1767-79. — Wittels, F. Mona Lisa und weibliche Schönheit; eine Studie über Bisexualität. Imago, Wien, 1934, 20: 316-29. — Wyatt. Pseudohermaphroditism with abnormal development of the genital organs and absence of the vulva in a girl of 16. J. Obst. Gyn. Brit. Empire, 1939, 46: 381. — Young, H. H. Prostates in females: relation to adrenal cortical hyperplasia. Tr. Am. Ass. Genitourin. Surgeons, 1937, 30: 281-90. — Zamorani, G. Pseudohermaphroditismo femminile. Arte ostet., 1933, 47: 113-9. — Zarcinas, A. [Hermaphroditism spurius, female] Medicina Kaunas, 1933, 14: 387-90. — Zaudy, E. Ueber einen Fall von Pseudohermaphroditismus femininus externus. Ausz. Inaugur. Diss. Med. Fak. Univ. Bern, 1933-35, No. 145, 1-3. — Zaudy, L. Ueber einen Fall von Pseudohermaphroditismus femininus externus. Endokrinologie, 1936, 17: 372-81.

— experimental.

Benoit, J. Hermaphroditisme et intersexualité expérimentale chez la poule domestique; étude histologique de l'inversion sexuelle des glandes génitales. Verh. Internat. Kongr. Sexforsch., 1927, 1. Congr., 18-43. — Burrill, M. W., & Greene, R. R. Experimental intersexuality; correlation between treatment and degree of masculinization of genetic female rats. Am. J. Physiol., 1939, 126: 452. — Greene, R. R. Experimental production of intersexuality in the female rat. Proc. Inst. M. Chicago, 1938, 12: 137. — & Burrill, M. W. Experimental intersexuality; masculinization of female rats by postpartum treatment with anterior-pituitary-like hormone. Proc. Soc. Exp. Biol., N. Y., 1939, 40: 514-6. — & Ivy, A. C. The experimental production of intersexuality in the female rat. Am. J. Obst., 1938, 36: 1038-46. — Experimental intersexuality; the effect of antenatal androgens on sexual development of female rats. Am. J. Anat., 1939, 65: 415-69. 7 pl. — Raynaud, A. Intersexualité obtenue expérimentalement chez la souris femelle par action hormonale. Bull. biol. France, 1938, 72: 297-354, 3 pl. — Comportement sexuel des souris femelles intersexuées. C. rend. Soc. biol., 1938, 127: 993-5.

— in animals.

Crew, F. A. E. Studies on the relation of gonadic structure to plumage characterisation in the domestic fowl; the laying hen with cock's plumage. Proc. R. Soc., Lond., 1927, ser. B, 101: 514-8, pl. — Du Bois, A. M. Morphologische Untersuchungen über die Entwicklung des Kopulationsapparates der intersexuellen Weibchen von *Lymantria dispar* L. Arch. Entwmech., 1931, 124: 93-137. — Goldschmidt, R. Nachweis der homogametischen Beschaffenheit von Geschlechtsumwandlungsweibchen. Biol. Zbl., 1926, 46: 193-200. — Kosminsky, P. Die Entwicklung der Antennen bei intersexuellen Weibchen von *Lymantria dispar* L. (vorläufige Mitteilung) Ibid., 1927, 47: 243-9. — Die Entwicklung der Antennen bei intersexuellen Weibchen des Schwammspinners (*Lymantria dispar* L.) die durch Bastardierung verschiedener Rassen erhalten werden; vorläufige Mitteilung. Ibid., 1929, 49: 339-45. — Krediet, G. [Intersexuality in the cow] Ned. tschr. geneesk., 1939, 83: 2946-52. — Parkes, A. S., & Brambell, F. W. R. The anomalous appearance of male sexual characters in female fowls. J. Genet., Lond., 1926-27, 17: 69-76, 3 pl. — Pugh, L. The assumption of masculine characters by cows. Vet. J., Lond., 1926, 82: 557-63. — Schulze, P. Ein anscheinend durch Eiverschmelzung entstandener Gynander der Zecke *Uroboophilus cyclops* Minning 1934. Zool. Anz., 1937, 119: 160-6.

GYNANDROMORPHISM.

See Hermaphroditism; Parthenogenesis; Sex reversal.

GYNANDROTAENIA.

Fuhrman, O. Un singulier tenia d'oiseau, Gynandrotaenia stammeri n. g. n. sp. Ann. parasit., Par., 1936, 14: 261-71.

GYNATRESIA.

See also Genitals [female], Abnormity; also Hymen; Uterus; Vagina; Vulva.

FIELTIZ, A. *Beitrag zu den Gynatresien [Rostock] 23p. 8°. Neustrelitz, 1929.

HOFFMANN, H. *Ueber Therapie und Prognose der Gynatresien (das Material der letzten 20 Jahre der Königsberger Universitäts-Frauenklinik) 22p. 8°. Königsb., 1926.

Adamson, G. N. Congenital absence of the upper two-thirds of the vagina, with a rudimentary, unicornate uterus. J. Nat. M. Ass., N. Y., 1938, 30: 111-6. — Binet. Complications d'une gynatresie chez une femme de 48 ans. Bull. Soc. obst. gyn. Paris, 1928, 17: 153. — Castro Pinto, R. de. Gynatresia com hematocolpos e hematometrio; coito urethral. Brasil med., 1935, 49: 299-301. — Elden, C. A. Aplasia of the lower female genital tract. Am. J. Obst., 1938, 36: 507-9. — Favreau, M. Deux cas de malformations génitales: imperforation de l'hymen et absence totale du vagin. Gynécologie, 1934, 33: 5-14. — Fiole, J. Recherches sur la pathogénie des atresies vaginales supérieures et cervicales. Bull. Soc. obst. gyn. Paris, 1932, 21: 553-6. — Flemming, E. A., & Kava, H. L. Congenital atresia of the upper two-thirds of the vagina and cervical os with hematometra. Am. J. Obst., 1940, 40: 296-301. — Gutiérrez, A. Hematometra y hematosalpinx doble consecutivo a atresia total de la vagina y porción inferior del útero. Rev. cir., B. Air., 1928, 7: 369-80. — Leuret, J. Etude d'un cas d'absence congénitale de l'utérus avec aplasie partielle du vagin. Ann. anat. path., Par., 1938, 15: 678-81. — Maxwell, J. P. Atresia and stenosis of the genital passages as seen in China and Korea. China M. J., 1928, 42: 244-62, 4 pl. — Mayer, E. Zwei seltene Fälle von Gynatresie. Zbl. Gyn., 1931, 55: 1149-51. — Menon, K. K. A case of genital atresia. Ind. M. Gaz., 1927, 62: 25. — Moratier, F. Uterus solidus rudimentarius mit fehlender Cervix und Vagina solida. Arch. Gyn., Berl., 1930, 142: 37-40. — Naujoks, H. Zur Therapie der Gynatresien. Mschr. Geburtsh. Gyn., 1926, 73: 68-73. — Nemes, A. [Case of rudimentary, solid uterus; congenital vaginal aplasia] Cluj. med., 1928, 9: 91-3. — Nordentoft, J. [Three cases of atresia of female genitals, one with bicornuate uterus; case of epispadias in the female] Ugeskr. læger, 1928, 90: 151-5. — Oliva, J. L. Consideraciones sobre algunos casos de ginatresias. Rev. españ. obstet., 1934, 19: 262-71. — Oidelnov, I. A. [Rudimentary uterus in inguinal hernia with atresia of vagina] J. akush., 37: No. 5, 628-31. — Thomson, J. O. Gynatresia. Rep. Sun Yat Sen Mem. Canton Hosp., 1932-33, 19. — Turenne, A. Gynatresias en el embarazo y el parto. Arch. urug. med., 1933, 3: 530-43. — Vikulov, A. V. [Case of gynatresia: hematometra and pathologic anastomosis between uterus and ileum] J. akush., 1929, 40: 514-7. — Westman, A. Ein Fall von Aplasia vaginae und Atresia cervicis mit einer modifizierten Kirschner-Wagner-Technik operiert. Zbl. Gyn., 1934, 58: 2843-5.

GYNECOLOGICAL and obstetrical monographs. N. Y., v.1-15, 1923-31.

— Appendix (1925) xii, 224p. 8°. N. Y., D. Appleton & Co., 1925.

— Cumulative supplement and composite index. xiv, 633p. 8°. N. Y., D. Appleton & Co., 1928.

— Composite index. p. l. 221p. 8°. N. Y., D. Appleton & Co., 1931.

GYNECOLOGIE (La) Par., v.25, 1926-
GYNECOLOGIE et obstétrique. Par., v.1, 1920-

GYNECOLOGIST.

See also Gynecology; Obstetrician; Obstetrics.

MARTIN, A. Werden und Wirken eines deutschen Frauenarztes. 370p. 8°. Berl., 1924.

Jaschke, R. T. von. Arzt und Wissenschaft in der Frauenheilkunde. Mschr. Geburtsh. Gyn., 1928, 78: 1-15. — Jordan, J. F. Some reflections of a gynecologist. Birmingham M. Rev., 1927, n. ser., 2: 23-31. — Miranda, G., & Mastroianni, M. L'esercizio della cura delle malattie delle donne concesso alle mediche od alle chirurgie in Napoli all'epoca angioiana. Atti Soc. ital. ostet., 1924, 23: 411-3. — Reynolds, S. R. M. Gynecic physiology and the gynecologist. Am. J. Surg., 1940, 1940, 48: 175-96.

— Congresses.

[ARGENTINA] Congreso argentino de obstetricia y ginecología. 3. Congr., B. Aires, Oct. 17-22, 1937. T. 1: Relatos, contribuciones y discusiones; T. 2: Disertaciones, conferencias, contribuciones. 2v. in 1. 1213p.; 94p. 23½cm. B. Aires [1938-39]

Adair, F. L. American congress on obstetrics and gynecology, general summary and comments. *Am. J. Obst.*, 1939, 38: 729-35.—American congress on obstetrics and gynecology, Cleveland, Ohio; September 11-15, 1939. *Bull. Chicago M. Soc.*, 1939-40, 42: 126-8.—Beckers. Congrès de l'Association des gynécologues et obstétriciens de langue française; Lausanne, 20, 21, et 22 juillet 1939, 11. congrès. *Bruxelles méd.*, 1938-39, 19: 1309-11.—[Brasil] Congresso brasileiro de ginecologia e obstetricia, 1. congr. 8 a 15 de setembro de 1940. *Med. germ.*, Rio, 1940, 9: 363.—Brindeau, A. Association des gynécologues et obstétriciens de langue française; 11^{me} congrès tenu à Lausanne les 20, 21, 22 juillet 1939. *Gyn. obst.*, Par., 1939, 40: 123.—Congrès (Le) international de gynécologie d'Amsterdam; 4-8 mai 1938. *Gaz. hóp.*, 1938, 111: 806-9. Also *Gynécologie*, 1938, 37: 483; 548.—Congresso italiano di ostetricia e ginecologia. 36. congr. Torino, 27-30 dicembre 1939. *Riforma med.*, 1940, 56: 189-91.—Daniel, C. [International congress of obstetrics and gynecology] România med., 1938, 16: 152.—Davis, M. E. The American congress on obstetrics and gynecology. *Surg. Gyn. Obst.*, 1939, 69: 124.—Eleventh (The) British Congress of obstetrics and gynecology. *J. Obst. Gyn. Brit. Empire*, 1939, 46: 582-9.—Fabre, M. Troisième congrès français de gynécologie. *Presse méd.*, 1934, 42: 1071-4.—7^{me} Congrès français de gynécologie. *Rev. fr. gyn. obst.*, 1938, 33: 641-3.—First (The) Brazilian congress of gynecology and obstetrics. *J. Am. M. Ass.*, 1940, 115: 143.—French gynecologic and obstetric congress. *Ibid.*, 1937, 109: 1999.—Gaifami, P. II Congresso internazionale di ostetricia e ginecologia di Amsterdam, 1938. *Clin. ostet.*, 1938, 40: 260-3.—Huitième congrès français de gynécologie; Lille; 27 au 30 mai 1939. *Echo méd. nord*, 1939, 3. ser., 10: 457-64.—International congress of obstetricians and gynaecologists, Amsterdam, 1938, 5. congr. *J. Obst. Gyn. Brit. Empire*, 1938, 45: 528-31. Also *Rass. clin. sc.*, 1938, 16: 243-8.—[Italy] Congress of obstetricians and gynecologists. *J. Am. M. Ass.*, 1938, 110: 1618.—Jones, O. H. High lights of the First American Congress on obstetrics and gynecology. *South. M. & S.*, 1939, 101: 551-3.—[Lwow] [Congress of Polish gynecologists, 8. congr. July 1937] *Gin. polska*, 1937, 16: 757-818.—Nijhoff, G. C. [Gynecology and Max Hirsch on the German Congress of Gynecologists] *Ned. tschr. geneesk.*, 1929, 73: pt 2, 4243-9.—Nubiola, P. XIV. Congreso internacional de medicina; Madrid, 23 a 30 de abril de 1903; sección de obstetricia y ginecología. *Rev. obst.*, B. Air., 1904, 2: 22-31.—Quadrás-Bordes, M. L., & Quadrás-Bordes, M. V. Report del V. Congreso de ginecología celebrado en París. *Med. iber.*, 1936, 30: pt 2, 173.—Saenger, H. Streiflichter vom Gynäkologen-Kongress in Innsbruck (7.-10. June 1922) *Jahrskurs. ärztl. Fortbild.*, 1922, 13: No. 7, 27-30.—Schauffler, G. C. General summary of the sessions on obstetrics of the first American congress of obstetrics and gynecology. *Am. J. Obst.*, 1940, 39: 535-41.—Schultze, G. K. F. Eindrücke vom Internationalen Gynäkologenkongress in Amsterdam. *Zbl. Gyn.*, 1938, 62: 2227.—[Seventh Congress of Polish gynecologists in Lwow] *Gin. polska*, 1936, 15: 1.—Splendid program arranged for American Congress on obstetrics and gynecology, Sept. 11-15, Cleveland. *Ohio M. J.*, 1939, 35: 885-7.—Swaab, L. I. [First American Congress for obstetrics and gynecology, held 11-15 September, 1939, Cleveland, Ohio] *Ned. tschr. geneesk.*, 1940, 84: 2462-4.—Zangemeister, W. Rückblick auf den Gynäkologenkongress. *Zbl. Gyn.*, 1922, 46: 1298-300.

— Education, and instruction.

Adair, F. L. Certification of obstetric and gynecologic specialists. *Proc. Congr. M. Educ.*, 1932, 67-72.—Bailey, K. V. Wet-specimen demonstration frames for teaching purposes. *J. Obst. Gyn. Brit. Empire*, 1938, 45: 289, 3 pl.—Brodhead, G. L. Regulation of the specialties in medicine; with special reference to obstetrics and gynecology. *Med. Times, N. Y.*, 1934, 62: 65-87.—Culbertson, C. The gynecologist as a teacher, with some observations of the place of the specialist in the medical school and on research problems. *Ohio M. J.*, 1927, 23: 563-8.—Cullen, T. S. The training of the gynecologist. *Brit. M. J.*, 1929, 2: 941-3.—Dannreuther, W. T. The teaching of postgraduate gynecology. *Am. J. Obst.*, 1930, 19: 241-5.—Delassus, A. La Chaire de clinique obstétricale et gynécologique à la Faculté libre de médecine et de pharmacie de Lille. *Rev. fr. gyn. obst.*, 1933, 28: 49-53.—Fabbri, E. F. Considerazioni sull'ordinamento degli studi ostetrici e ginecologici e in ispeciale modo sulla necessità di renderne biennale il corso. *Atti Soc. ital. ostet.*, 1899, 6: 71-92.—Fairbairn, J. S. Clinical training in obstetrics and gynecology. *Lancet, Lond.*, 1927, 2: 163-5.—Faure, J. L. The education of the gynecologist. *Irish J. M. Sc.*, 1926, 6. ser., 598-601.—Ferraresi, C. Tavole mnemoniche ostetrico-ginecologiche. *Atti Soc. ital. ostet.*, 1898, 5: 608, pl.—Fraser, J. R. The training of an obstetrician and gynecologist. *Bull. Am. Coll. Surgeons*, 1939, 24: 52-6.—Gammeltoft, S. A. The principles of teaching in obstetrics and gynaecology; with special reference to the methods employed

at the University of Copenhagen. *J. Obst. Gyn. Brit. Empire*, 1931, 38: 237-48.—Griffith, G. de G. Notes on Dr Kidd's paper, the teaching of midwifery and gynaecology. *Med. Press & Circ.*, Lond., 1910, n. ser., 89: 494.—Guggisberg, H. Medizin, insbesondere Geburtshilfe und Gynäkologie in Praxis und Unterricht. Schweiz. med. Wschr., 1934, 64: 527-31.—Guzzoni degli Ancarani, A. L'insegnamento dell'ostetricia e della ginecologia. *Atti Soc. ital. ostet.*, 1921, 21: 561-6.—Haultain, F. W. N. On the teaching of obstetrics and gynaecology. *Scott. M. & S. J.*, 1906, 16: 519-23.—Hirst, B. C. The progress of teaching and practice in gynecology during the last 4 decades. *Am. J. Obst.*, 1929, 17: 209-15.—Kahr, H. Die Bedeutung medikohistorischer Betrachtungen in klinischen Unterrichte in der Frauenheilkunde. *Wien. klin. Wschr.*, 1936, 49: 705-10.—Kidd, F. W. Some hints and suggestions in the teaching of midwifery and gynaecology. *Tr. R. Acad. M. Ireland*, 1910, 28: 235-51. Also *Med. Press & Circ.*, Lond., 1910, n. ser., 89: 140-3.—León, J. La enseñanza de la obstetricia y de la ginecología en algunos países de Europa; sugerencias que se desprenden de su análisis. *Sem. méd.*, B. Air., 1937, 44: 1599-615.—La enseñanza de la obstetricia y de la ginecología a los estudiantes de medicina en los Estados Unidos. *Ibid.*, 1939, 46: pt 2, 330-9.—Liepmann, W. Die Christellische Methode topographisch-histologischer Schnitte in ihrer Bedeutung für den Unterricht in der Frauenheilkunde. *Zschr. Geburtsh. Gyn.*, 1927, 91: 119-21.—Madill, D. G. A few thoughts on the teaching of practical midwifery and gynaecology. *Irish J. M. Sc.*, 1926, 6. ser., 70-6.—Meaker, S. R. The case-teaching method in gynecology. *Am. J. Obst.*, 1927, 14: 208-12.—Pastorini, R. Apuntes para la historia de la cátedra de ginecología de la Facultad de ciencias médicas de Buenos Aires. *Sem. méd.*, B. Air., 1938, 45: 1103-10.—Phaneuf, L. E. The teaching of gynecology at the New England medical center. *N. England J. M.*, 1936, 214: 19.—Undergraduate teaching of gynecology in North America. *Am. J. Obst.*, 1937, 33: 183-94.—Postgraduate committee offers intensive courses in obstetrics and gynecology at Indiana University School of Medicine. *J. Indiana M. Ass.*, 1938, 31: 576.—Present (The) status of obstetrical education in Europe and America; being the report of the American Gynecological Society's Committee, with recommendations for the improvement of Obstetrical teaching in America. *West. Canada M. J.*, 1910, 4: 262-75.—Riediger, K. Ist die geburtshilflich-gynäkologische Ausbildung unseres studentischen Nachwuchses verbesserungsbedürftig? *Zbl. Gyn.*, 1937, 61: 2795.—Rochat, R. L. L'enseignement obstétrical et gynécologique. In *Rec. tr. Centen. Univ. Lausanne*, 1937, 151-7.—Sachs, G. Fortbildungskurs über Fortschritte in der Gynäkologie und Geburtshilfe. *Ther. Gegenwart*, 1928, 69: 174; 227.—Seigneux, R. de. Préparations anatomiques artificielles pour l'enseignement de la gynécologie et de l'obstétrique. *Gyn. obst.*, Par., 1925, 12: 400, pl.; 1927, 15: 372.—Nouveau matériel d'enseignement pour la gynécologie et l'obstétrique, dont le procédé est susceptible de s'adapter aussi à d'autres disciplines médicales. *Rev. fr. gyn. obst.*, 1934, 29: 881-97, 6 pl. Also *Schweiz. med. Wschr.*, 1935, 65: 260-3.—Stander, H. J. Teaching of obstetrics and gynecology in the United States. *Am. J. Surg.*, 1935, 28: 61-6. Also repr.—Storer, M. The teaching of obstetrics and gynecology at Harvard. *Q. Harvard M. Alumni Ass.*, 1901-4, 427-45, 8 portr. Also repr.—Sull'ordinamento degli studi di ostetricia e ginecologia e dell'esercizio ospedaliero ostetrico-ginecologico. *Atti Soc. ital. ostet.*, 1911, 16: p. lxi-lxix.—Teaching (The) of obstetrics and gynecology. *Brit. M. J.*, 1919, 2: 277; 347.—Tóth, S. de. L'insegnamento dell'ostetricia e della ginecologia nel passato e problemi da risolvere. *Orvosképzés*, 1935, 25: mar. külföld. *Edu. med.*, 145-50.—Training of specialists in obstetrics and gynecology. *J. Am. M. Ass.*, 1939, 112: 378-80.—Vaux, N. W. Postgraduate obstetric and gynecologic education. *Pennsylvania M. J.*, 1938-39, 42: 537-9.—Vicarelli, G. Modelli plastici di ginecologia operativa a scopo didattico. *Atti Soc. ital. ostet.*, 1898, 5: 522-7, pl.—Weibel, W. Die Bedeutung der optischen Technik für den neuzeitlichen Vorlesungsunterricht in Geburtshilfe und Gynäkologie. *Wien. klin. Wschr.*, 1935, 48: 662-5.—Wilson, K. M. University of Rochester School of Medicine and Dentistry; Department of obstetrics and gynecology. *Meth. M. Educ.*, 1927, 7. ser., 91-4.—Zacherl, H. Lehren und Lernen in der Frauenheilkunde. *Wien. klin. Wschr.*, 1931, 44: 929-32.

— Forensic aspect.

Hüssy, P. Begutachtung und gerichtliche Beurteilung von ärztlichen Kunstfehlern auf geburtshilflich-gynäkologischem Gebiete. 81p. 8°. Stuttg., 1935.

— & VETER, H. Der geburtshilflich-gynaekologische Sachverständige. 248p. 8°. Bern [1931]

Banister, J. B. The gynecologist in the law courts. *Current Leg. Thought*, 1935-36, 2: 36-9.—Gaifami, P. Le perizie legali ostetrico-ginecologiche ed i loro pericoli. *Clin. ostet.*, 1935, 37: 159-64.—Gesenius, H. Der Frauenarzt vor Gericht. *Med. Welt*, 1935, 9: 656; 693.—Henkel, M. Haftung des Arztes für Fehlgutachten. *Zbl. Gyn.*, 1930, 54: 770-3.—Montuoro, F. Rilevi sui periti giudiziari incompetenti di ostetricia e ginecologia. *Riv. ostet. gin.*, 1935, 17: 403-5.—Oldemeyer, E. Die vertrauensärztliche Begutachtung auf dem Gebiete der Frauenheilkunde. *Vertrauensarzt*, 1938, 6:

101; 121.—Page, C. W. The gynecologist and the law. Tr. Pacific Coast Soc. Obst. (1939) 1940, 9: 59-67 [Discussion] 84. Also West. J. Surg., 1940, 48: 75-83.—Vollmann. Die Rechtsstellung des Gynäkologen nach dem Strafgesetzentwurf vom Mai 1927. Zbl. Gyn., 1928, 52: 922-32.

— Practice.

ROTHROCK, J. L. Ten years of obstetrics and gynecology in private practice. 209p. 8°. N. Y., 1933.

Bud, G. [Obstetrics without gynecology and vice versa] Orv. hetil., 1931, 75: 985-7.—Cook, G. C. Gynecology; be prepared. South. M. & S., 1940, 102: 324.—Counseller, V. S. Some gynecologic problems occurring during the reproductive period. N. Orleans M. & S. J., 1938-39, 91: 407-13.—Cumings, H. H. Office treatment of gynecologic conditions. Wisconsin M. J., 1940, 39: 284-6.—Flach. Was vom praktischen Arzt so oft vergessen wird. Med. Welt, 1936, 10: 1151.—Frommolt, G. Gynäkologische und geburtshilfliche Erfahrungen aus Canton, Südechina. Zbl. Gyn., 1931, 55: 823-51.—Galloway, C. E. Some gynecologic problems in old women. Med. Clin. N. America, 1940, 24: 63-70.—Greenhill, J. P. Some aspects of office gynecology. J. Med., Cincinnati, 1940-41, 21: 522-5.—Hertzler, A. E. A country doctor looks at female complaints. Nebraska M. J., 1931, 16: 1-4.—Krieg, E. Office procedures in gynecology. Rep. Wayne Co. M. Soc., 1934-35, 5: 22.—Meneses, C. Algo que no debe hacerse en ginecología. Cir. ciruján, Méx., 1934, 2: 137-44.—Milnor, G. C. Rarities of gynecological practice in Hawaii. Proc. Clinic. Honolulu, 1935, 1: No. 4, 1-8.—Semkovski, V. A. [Consultations with pregnant and with mothers from a gynecological standpoint] Profil. med., Kharkov, 1927, 67-71.—Wilson, R. R. Office management of ambulatory gynecological patients. J. Missouri M. Ass., 1939, 36: 105-8.

— Societies.

AMERICAN MEDICAL ASSOCIATION. Section on Obstetrics, Gynecology and Abdominal Surgery. Transactions, 1921-31.

BUENOS AIRES. SOCIEDAD DE OBSTETRICIA Y GINECOLOGÍA DE BUENOS AIRES. Boletín, B. Air., v.7, 1928—

CHILE. SOCIEDAD CHILENA DE OBSTETRICIA Y GINECOLOGÍA. Boletín. Santiago, v.4, No. 1, 1938—

[ITALY] SOCIETÀ ITALIANA DI OSTETRICIA E GINECOLOGIA. Atti. Roma, v.5-6, 1898-99; v.11-16, 1905-11; v.18, 1913; v.20-27, 1920-28.

NIPPON HUZINKAGAKAI ZASSI. Tokio, v.27, 1932—

Arquellada, A. M. Ponencia en la reunión de Otoño de 1909, á la Academia de obstetricia, ginecología y pediatría. An. Acad. obst., Madrid, 1909, 2: 445-58.—Asch, R. Wie spiegelt sich der Wandel unserer Wissenschaft in fünfundzwanzig-jähriger gynäkologischer Gesellschaftsarbeit? Mschr. Geburtsh. Gyn., 1928, 78: 326-35.—Association des gynécologues et obstétriciens de langue française; IX^e Congrès, Alger, 1935. Gyn. obst., Par., 1935, 31: 761.—Bar, P. La reprise de l'activité dans les sociétés d'obstétrique et de gynécologie françaises. Arch. obst. gyn., Par., 1919, 8: 513-6.—British college of obstetricians and gynaecologists. Lancet, Lond., 1935, 2: 488.—Fischer, I. Fünfzig Jahre Wiener Geburtshilflich-gynäkologische Gesellschaft. Wien. klin. Wschr., 1938, 51: 193-7.—Holden, F. C. American Gynecological Society; 64th annual meeting, May 22, 23, and 24, 1939; presidential address. Am. J. Obst., 1939, 38: 743-7.—Hantke, R. XV. Versammlung der Deutschen Gesellschaft für Gynäkologie, Halle a. S. 14.-17. Mai 1913. Mschr. Geburtsh. Gyn., 1913, 38: 57-71.—Kosmak, G. W. The American Gynecological Society. Am. J. Surg., 1941, 51: 305.—Krafft, H. C. Rapport sur le 35^{me} Congrès national de la Société italienne d'obstétrique et de gynécologie, Perugia, 1938. Helvet. med. acta, 1939, 6: 51.—Mayer, A. Dem Kongress der Deutschen Gesellschaft für Gynäkologie im 50. Gründungsjahr vom 22. bis 26. Oktober 1935 in München. Münch. med. Wschr., 1935, 82: 1669.—Nubiola, P. Huitième congrès de la academia de ginecólogos y obstétricos de lengua francesa. Rev. españ. obstet., 1934, 19: 81-5.—Officers and fellows of the American gynecological society, 1939. Tr. Am. Gyn. Soc. (1939) 1940, 64: p. vii-xxxix.—Presidentes de la Sociedad de obstetricia y ginecología de Buenos Aires desde su fundación. Bol. Soc. obst. gin. B. Aires, 1940, 19: 3.—Royal College of Obstetricians and Gynaecologists. J. Obst. Gyn. Brit. Empire, 1941, 48: 99.—Rucker, M. P. Southern gynecologists and obstetricians. South. M. & S., 1938, 100: 258-65, 36 portr.—Selheim, H. Zur Umgestaltung der Verhandlungen der Deutschen Gesellschaft für Gynäkologie, Zbl. Gyn., 1929, 53: 1746-50.—Société française de gynécologie, Congrès. Rev. fr. gyn. obst., 1933, 28: 673; 753.

GYNECOLOGY.

See also Gynecologist; Obstetrician; Obstetrics; Woman.

Bland, P. B., & First, A. Gynecology and obstetrics. In Cyclop. Med. (Piersol-Bortz) Phila., 1937, serv. vol., 451; 1938, serv. vol., 556.—Bourne, A. Midwifery and gynaecology. Practitioner, Lond., 1940, 145: 231-7.—Crossen, R. J. Medical gynecology. J. Oklahoma M. Ass., 1933, 26: 120-7.—Devraigne, L., & Lacomme, M. Gynécologie et obstétrique. Monde méd., 1933, 43: 317-46.—Lepage, F. L'obstétrique et la gynécologie. Ibid., 1937, 47: 334-58.—Dunlap, E. Gynecology from the clinical point of view. South. M. J., 1927, 20: 202-9.—Falk, H. C. Practical clinical gynecology. Am. J. Surg., 1937, 35: 151; passim.—Green-Armstrong, V. B. Gynecology and obstetrics; a practical survey of recent authoritative opinions. Ind. M. Gaz., 1927, 62: 93-101.—Gynecology in the tropics. Ibid., 1932, 67: 23-7.—Tropical gynaecology and obstetrics (a post-graduate clinical lecture) Ibid., 1933, 68: 151-5.—Holden, F. C. Gynecology and foreign governments. J. Am. M. Ass., 1927, 89: 2012-6.—Keller, F. Frauenheilkunde und Geburtshilfe. Med. Klin., Berl., 1939, 35: 1487-9.—Liepmann, W., & Brusten, W. Aus dem Gebiete der Frauenheilkunde. Ibid., 1925, 21: 216; 320.—Macleod, D. Obstetrics and gynaecology. Practitioner, Lond., 1936, 137: 554-68.—Magian, A. C. The medical aspect of gynecology. Med. Press & Circ., Lond., 1927, n. ser., 123: 441-3.—Rossi Doria, T. Un nuovo ramo della ginecologia. Atti Soc. ital. ostet., 1899, 6: 93-103.—Schroder, R. Funktionelle Gynäkologie. Geburtsh. & Frauenh., 1939, 1: 3-10.—Titus, P. Obstetrics and gynecology as a united specialty. Am. J. Obst., 1939, 37: 545-58.—Tropea, U. Sulla inseparabilità scientifica e pratica della specialità ostetrico-ginecologica. Riv. ostet. gin., 1936, 18: 137-44.

— Allied sciences.

Albrecht, H. Die Beziehungen zwischen Gynäkologie und Orthopädie. Zbl. Gyn., 1932, 56: 2691-703.—Brady, L. Relationship of gynecology to the specialties. In Pract. Libr. M. & S. (Appleton) N. Y., 1934, 6: 813-42.—Cannon, D. J. The relationship of gynecology to endocrinology. Irish J. M. Sc., 1930, 6. ser., 3-18.—Davis, C. H. Obstetrics and gynecology in general practice. J. Am. M. Ass., 1929, 93: 961-3.—Derillée, P. Gynécologie et médecine légale: questions médico-légales d'actualité. J. méd. Bordeaux, 1937, 114: 253-85.—Gorasz, W. A. Aus dem Grenzgebiet von Urologie, Gynäkologie und Geburtshilfe. Zschr. Urol., 1927, 21: 506-23.—Gosselin, O. Gynécologie et médecine générale. Liège méd., 1933, 26: 841-56. Also J. méd. Paris, 1934, 54: 328-32.—Kakuschkin, N. M. Eugenetik und Gynäkologie. In Beitr. Probl. Gyn. Karzinoms, Berl., 1924, 48-70.—Leigh, S. Gynecology for the general practitioner. Virginia M. Month., 1926-27, 52: 719-22.—Litzenberg, J. C. Obstetrics and gynecology in public health program. J. Am. M. Ass., 1928, 91: 1587-9.—Macrez, P. La gynécologie dans ses rapports avec la pratique médicale. Gaz. méd. France, 1938, 45: 259-62.—Magid, M. O. Some phases of gynecology of interest to the general practitioner. Med. Rec., N. Y., 1935, 142: 363-9.—Martius. Gynäkologische Orthopädie. Arch. Gyn., Berl., 1929, 137: 1015-8 [Discussion] 1026.—Müller. [Relation of gynecology to urology] Cas. lék. česk., 1926, 65: 499-503.—Novak, E. Some gynecological applications of endocrinology. Bull. School M. Univ. Maryland, 1932, 16: 125-32. Also Am. J. Obst., 1934, 27: 473-82.—Peterson, R. Points of contact between internal medicine and obstetrics and gynecology. Ann. Clin. M., 1926-27, 5: 108-14.—Ramos, A. P. Obstétrique, gynécologie et chirurgie. Gyn. obst., Par., 1939, 39: 336-44.—Resinelli. L'ostetricia e la ginecologia in rapporto alla medicina interna. Ann. ostet., 1906, 2: 149-67.—Rice, J. L. Obstetrics and gynecology from the public health viewpoint. Q. Bull. N. York Dep. Health, 1937, 5: 37-41.—Ruge, C. Unfallbeziehungen zu gynäkologischen Leiden. Mschr. Unfallh., 1934, 41: 161-71.—Siredey. La gynécologie du praticien. J. méd. chir., Par., 1937, 108: 449-64.—Stein, A. The relationship between gynecology and orthopedies. Am. J. Obst., 1933, 26: 64-70.—Strassmann, P. Frauenleiden und innere Medizin. Zschr. ärztl. Fortbild., 1928, 25: 20; 75.—Webefritz. Ueber Ergebnisse der Erforschung für die Gynäkologie. Ibid., 1934, 31: 616-9.—Weibel, W. Die Frauenheilkunde und ihre Hilfswissenschaften. Wien. klin. Wschr., 1932, 45: 161-3.

— Bibliography.

BLAND, P. B., & FIRST, A. Gynecology and obstetrics. p.451-529. 8°. Phila., 1937.

In Cyclop. Med. (Piersol-Bortz) Phila., 1937, serv. vol. 451; 1938, 556; 1939, 910; 1940, 867.

DE LEE, J. B., & GREENHILL, J. P. Obstetrics; gynecology. 11v. 12°. Chic., 1929-39.

— The year book of obstetrics and gynecology, 1933-39. 8v. 12°. Chic. [1934-40]

DUDLEY, E. C., & HEALY, W. Gynecology. 18v. 8°. Chic., 1903-21.

EGERT, F. P. Gynäkologische Fragmente aus dem frühen Mittelalter; nach einer Petersburger Handschrift aus dem VIII.-IX. Jahrhundert. 59p. 8°. Berl., 1936.

JAHRESBERICHT GYNÄKOLOGIE UND GEBURTS-
HILFE. Berl., v.1-25, 1887-1911. v.50, 1936.

Abstracts of gynecological and obstetrical papers published in Japan during 1935. Jap. J. M. Sc., 1936-37, 1: Gyn., 63-137.—Bauer, L. E. Review of obstetrical and gynecological literature. Rep. Wayne Co. M. Soc., 1932-33, 3: 106-9.—Bibliography of current literature. Surg. Gyn. Obst., 1936, 62: 796-416.—Billingsley, P. R. A review of 1936 literature on obstetrics and gynecology. J. Lancet, 1937, 57: 48-54.—Björkenheim, E. A. Die geburtshilfliche und gynäkologische Literatur in Finnland 1919. Mschr. Geburtsh. Gyn., 1921, 54: 318-20.—Brunkman. Bericht über die 1918-19 in Schwedischer Sprache erschienenen geburtshilflich-gynäkologischen Arbeiten. Ibid., 372-6.—Devraigne, L. Obstétrique et gynécologie. Médecine, Par., 1937, 18: 257-70. — & Lacomme, M. L'obstétrique et la gynécologie. Monde méd., 1931, 41: 270-9.—Devraigne, L., & Lepage, F. L'obstétrique et la gynécologie; les nouveautés de 1937. Ibid., 1938, 48: 282-95.—Dietel, H. Aus der französischen geburtshilflich-gynäkologischen Literatur. Med. Klin., Berl., 1937, 33: 518; 1938, 34: 58.—Fraser, J. Summary of gynecological and obstetrical papers. Connecticut M. J., 1940, 4: 23.—Hofstätter, R. Gynäkologische Rundschau. Jahrbuch, ärztl. Fortbild., 1934, 25: No. 7, 25; passim.—Huard, S. La gynécologie en 1929. Paris méd., 1929, 73: 529-41. — & Palmer, R. La gynécologie en 1935. Ibid., 1935, 97: 505-11.—Hüsey, P. Referat über italienische Literatur in Geburtshilfe und Gynäkologie 1914. Mschr. Geburtsh. Gyn., 1939, 109: 322-57.—Jampertz Loeb, L. [Gynecological review] Gineesk. gids, 1938, 16: 835-9.—Keller, F. Frauenheilkunde und Geburtshilfe (Sammelreferat) Med. Klin., Berl., 1939, 35: 516-9.—Neuweiler, W. Bericht über die Literatur der Hormone und Vitamine und ihrer Beziehung zur Gynäkologie und Geburtshilfe (1938) Mschr. Geburtsh. Gyn., 1939, 109: 322-57.—Palmer, R. La gynécologie en 1936. Paris méd., 1936, 101: 449-62. — La gynécologie en 1938. Ibid., 1938, 109: 453-64.—Rouquejeoffre, P. Quelques faits saillants dans le mouvement gynécologique en 1935. Gaz. méd. France, 1934, 260-71.—Sabourin, J. A. Quelques faits saillants dans le mouvement gynécologique en 1934. Ibid., 1935, 42: 291-7.—Scheuer, O. F. Bibliographie. Arch. Frauenk., 1934, 10: 280-308.—Semsetin. A propos d'un livre turc de gynécologie. Progr. méd., Par., 1933, 1142-52.—Weber, F. Die geburtshilflich-gynäkologischen Dissertationen der deutschen Universitäten (Winter-Semester 1914-15) Mschr. Geburtsh. Gyn., 1915, 42: 67-81.—Young, J. Gynaecology. In Brit. Encycl. M. Pract. (Rolleston, H.) 1939, Surveys, 33.

Clinics, hospitals, and institutes.

BALTIMORE. MARYLAND HOSPITAL FOR WOMEN. Annual report. Balt., v.33, 1915—

HONG KONG UNIVERSITY. DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY. Clinical report. Hong Kong, 1932-34; 1936-39.

JOHNS HOPKINS HOSPITAL. GYNECOLOGICAL DEPARTMENT. Collected papers by members. Balt., 1922-39.

LOVEJOY, E. P. Certain samaritans [American Women's Hospital Service] [2. ed.] 344p. 8°. N. Y., 1933.

MARTIUS, H. Die Universitäts-Frauen-Klinik in Göttingen von ihrer Gründung im Jahre 1751 als Accouchirhospital am Geismarthor bis 1931. 47p. 8° Lpz., 1931.

NEW YORK INFIRMARY FOR WOMEN AND CHILDREN. Annual report. N. Y., v.14, 1867—

NEW YORK. THE PRESBYTERIAN HOSPITAL IN THE CITY OF NEW YORK, SLOANE HOSPITAL FOR WOMEN, AND VANDERBILT CLINIC. Annual report. N. Y., 1. (1868) 1869—

NEW YORK. WOMAN'S HOSPITAL. Annual report. N. Y., 1., (1855) 1856—

PARIS. CLINIQUE TARNIER. Leçons du jeudi soir à la Clinique Tarnier. Année 6. 146p. 8°. Par., 1930.

SHEFFIELD. JESSOP HOSPITAL FOR WOMEN. Report of the Maternity Department. Sheffield, Eng., 1884—

WEHL, H. *Die Entwicklung der Geburtshilfe und Gynäkologie an Hand der Geschichte der Göttinger Universitäts-Frauenklinik in den Jahren 1751-1861. 31p. 8°. Gött., 1931.

Alferi, E. Un venticinquennio di vita della Clinica Ostetrico-Ginecologica L. Mangiagalli. Ann. ostet. gin., 1931, 53: 1749-54.—Anspach, B. M., & Hoffman, J. The foundation of an endocrine clinic for the study and treatment of amenorrhea, uterine bleeding, and sterility. Am. J. Obst., 1932, 24: 3-12.—Ayerza, L., Chavarri, M. A. [et al.] Estadística del servicio de clínica médica de mujeres. Sem. méd., B. Air., 1937, 74: pt 2, 376-81.—Bartlett, M. K., & Simmons, F. A., jr. Mortality factors in gynecology; a statistical study of the deaths from 1902 to 1932 at the Free Hospital for Women. Brookline. Surg. Gyn. Obst., 1932, 55: 777-84.—Bell, W. B. The maternal and methods of a gynecological and obstetrical clinic. J. Obst. Gyn. Brit. Empire, 1925, n. ser., 32: 720-5, 5 pl.—Benthin, W. Operations- und Entbindungssaal, Organisation und Betrieb. Deut. med. Wschr., 1927, 53: 433; passim.—Brunner, C. Werdegang, Neu- und Umbauten der geburtshilflich-gynäkologischen Abteilung des Kantonspitals Winterthur. Schweiz. med. Wschr., 1938, 68: 548.—Caravias Vera, D. E. Brevs anotaciones e impresiones personales recogidas sobre las clínicas de mujeres en Alemania. Sem. méd., B. Air., 1937, 44: 840-4.—Clinical (The) report of the Department of obstetrics and gynaecology of the University of Hong Kong, 1937-38. J. Obst. Gyn. Brit. Empire, 1941, 48: 117.—Codet, H. Colorations de la clinique gynécologique par les états mentaux. J. prat., Par., 1938, 52: 625-30.—Coerper, C. Ueber Aufgaben und Arbeitsziele der Frauenkliniken in der Gegenwart. Deut. med. Wschr., 1934, 60: 1889-91.—Corbet, R. M. A visit to certain North American clinics. Irish J. M. Sc., 1940, 6. ser., No. 170, 59-68.—Costa, R. Il nuovo Istituto ostetrico-ginecologico di Milano. Ann. ostet., 1907, 2: 613-55.—Counseller, V. S. Report on gynecologic surgery for 1935-38. Proc. Mayo Clin., 1936, 11: 817; 1937, 12: 801; 1939, 14: 817. — Masson, J. C., & Waugh, J. M. Surgical report on gynecology for 1939. Ibid., 1940, 15: 792-800.—Dael, F. Over de afgrenzing van het werkgebied van de gynaecologische vroedkundige kliniek tegenover de andere klinieken in het ziekenhuis. S. Afr. M. J., 1938, 12: 755-8.—[Dedication of the new hospital for obstetrics and diseases of women of the Jagiello University in Kraków] Gin. polska, 1936, 15: 1090-101.—Dehler, H. Hundert Jahre Universitäts-Frauenklinik Erlangen. Münch. med. Wschr., 1928, 75: 740.—Duhocage, A. Notes cliniques du service gynécologique de la Fomulac à Kisantu. Ann. Soc. belge méd. trop., 1934, 14: 421-33.—Farrar, L. K. P. An analysis of the deaths that occurred on the gynecological service in the Woman's Hospital during the year 1932. Surg. Clin. N. America, 1934, 14: 499-520.—Frankenau, H. Bericht aus der Frauenabteilung des Sanatoriums Rhinfelden. Schweiz. med. Wschr., 1939, 69: 1250-2.—Fuchs-Röll. Die neue Frauenklinik in Stuttgart. Zschr. ges. Krankenhauswes., 1928, 24: 89-94.—Fünfundzwanzig Jahre Frauenhospiz. Wien. med. Wschr., 1934, 84: 1093.—Gaifami, P. La efficienza didattica della Clinica ostetrico-ginecologica di Bari. Rass. ostet., 1926, 35: 289-311.—Gantt, L. R. H. American women's hospitals in North Carolina. Med. Rev. of Rev., 1933, 39: 205-8.—Gillett, J. D. The Woman's Hospital of Cleveland, Ohio. Med. Woman J., 1933, 40: 300.—Hanow. Einrichtung und Entwicklung der Brandenburgischen Landesfrauenklinik zu Berlin-Neukölln. Mschr. Geburtsh. Gyn., 1931, 87: 86-90.—Huber, C. P., & Hesselstine, H. C. Mortality report of the Department of Obstetrics and Gynecology of the University of Chicago Clinics and of the Chicago Lying-in Hospital, May 25, 1931 to June 30, 1936. Illinois M. J., 1938, 73: 78-83.—Hüsey, P. Das neue aargauische Frauenspital in Aarau. Schweiz. med. Wschr., 1936, 66: 42-4.—Köhler, H., & Wehner, B. Modification et agrandissement de la clinique gynécologique de l'Université de Berlin. Riv. internaz. ineg. san., 1933-34, 1: 3-10.—Kramer, O. Der Neubau der Universitätsfrauenklinik in Leipzig. Zschr. Geburtsh. Gyn., 1928, 94: 257-91, 9 pl.—Labhardt, A. Die Erweiterung der Basler Frauenklinik, nebst Bemerkungen zum Betriebe von Frauenkliniken. Ibid., 1929, 96: 586-626. — Besondere Bedürfnisse des modernen Frauenspitales. Schweiz. med. Wschr., 1932, 62: 32-6.—Lemmel, A. Die neue Universitäts-Frauenklinik in Würzburg. Zschr. ges. Krankenhauswes., 1936, 49-53.—Louros, N. Die Frauenklinik und Hebammenlehranstalt Marika Iliadi in Athen (Helena Venizelosstiftung) Nosokomeion, Stuttgart, 1938, 9: 66-72.—Lovejoy, E. P. The American women's hospitals. Med. Rev. of Rev., 1931, 37: 149; 1933, 39: 204. — The Medical Service Committee (American women's hospitals) Women in Med., 1936, No. 52, 13.—McIlroy, A. L. The Obstetrical and Gynaecological Unit, London (Royal Free Hospital) School of Medicine for Women (University of London) Meth. M. Educ., 1925, 3. ser., 195-204.—Maurizio, F. Su di un viaggio di studio presso alcune principali cliniche ostetrico-ginecologiche dell'estero. Rass. ostet., 1934, 43: 579-98.—Miller, D. A short record of the Edinburgh Royal maternity and Simpson Memorial Hospital. J. Obst. Gyn. Brit. Empire, 1938, 45: 199.—Miranda Ferreira, P. de. Clinica ginecologica da Faculdade de medicina da Bahia; estatística do anno de 1938. Rev. gyn. obst., Rio, 1939, 33: pt 2, 130-5.—Mocouot, P. Clinique gynécologique. Presse méd., 1936, 44: 1113-7.—Natale, P. Resoconto dell'attività della Sezione ginecologica dell'Istituto Naz. Vittorio Emanuele III nei primi 10 anni di funzionamento. Ann. ostet. gin., 1940, 62: 3-33.—Nelson, E. H. Women and children's hospital celebrates 75th anniversary. Hosp. Management, 1941, 51: 20, illust.—Noorian, B. W. Hospital of Saint Barnabas and for women and children, Newark, N. J. Hospitals, 1940, 14: No. 7, 115-7.—Norris, J. U. The Woman's Hospital of New York City. Hosp. Management,

1939, 47: 12-5.—**Parrish, J. M., jr.** Statistical report of gynecological service for the months of November, December 1940; January 1941. *Proc. Univ. Hosp. Oklahoma School M.*, 1940-41, 1: No. 2, 97; 100; 101.—**Rebaudi, S.** Un rapido sguardo all'Istituto Ostetrico-Ginecologico della R. Università di Genova (Casc vecchie e case nuove) 1901-8. *Gin. mod.*, Genova, 1908, 1: 453-66.—**Ritchie, J. H., & Dowling, J. J.** A gynecological and obstetric building that is modernly equipped. *Mod. Hosp.*, 1927, 19: 67-71.—**Roojen, van** [The building for gynecology and obstetrics in the southern part of the Hague] *Gineesk. gids*, 1939, 17: 602-5.—**Ruiz Moreno, A.** El sostenimiento del hospital de mujeres durante la tiranía. *Prensa med. argent.*, 1940, 27: pt 2, 1760-4.—**Schultze, G. K. F.** Die neue Röntgenabteilung der Universitätsfrauenklinik Berlin. *Zschr. Geburtsh. Gyn.*, 1929, 96: 627-39.—**Sellheim H.** Etwas über den Geist der neuen Leipziger Universitätsfrauenklinik. *Ibid.*, 1928, 93: 601-13, ch. — Zur Ingebrauchnahme der neuen Universitätsfrauenklinik Leipzig. *Ibid.*, 94: 292-306.—**Siegel, P. W.** Aus dem sozialen Arbeits- und Aufgabengebiet der Landesfrauenklinik Insterburg. *Zbl. Gyn.*, 1937, 61: 2622-7.—**Sloan, R. P.** All for the ladies. *Mod. Hosp.*, 1938, 50: No. 6, 78-81.—**Spiegel, R.** Analysis of causes of deaths at the Woman's Hospital in 1927. *Rep. Surg. Staff Woman Hosp. State N. York*, 1925-28, 6: 340-54.—**Stander, H. J.** What are the functions of a university women's clinic? *Am. J. Obst.*, 1931, 22: 376-82.—**Stoeckel, W.** Arbeit und Lehre in der Universitätsfrauenklinik. *Deut. med. Wschr.*, 1926, 52: 495-9. — Ueber die neue Leipziger Frauenklinik und über das Bauen von Frauenkliniken überhaupt. *Zschr. Geburtsh. Gyn.*, 1928, 93: 561-600.—**Stoeltzing, C. A.** The Woman's Hospital. *Bull. Acad. M. Cleveland*, 1934, 18: 8.—**Tauffer, J.** [A modest new cradle in our southern country for obstetrics and gynaecology] *Gynaecologia*, Budap., 1906, 339-45.—**Usandizaga, M.** El archivo de historias clínicas en un servicio de ginecología y obstetricia. *Rev. españ. obst.*, 1935, 20: 177-92.—**West, R. M.** The Kensington Hospital for women, Philadelphia. In *her Hist. Nurs. Pennsylvania*, 1939, 435-7. — St Vincent's Hospital for women and children, Philadelphia. *Ibid.*, 752-4. — West Philadelphia Hospital for Women, Philadelphia. *Ibid.*, 826-31, illust. — The Woman's Hospital, Philadelphia. *Ibid.*, 847-71, illust. — Woman's Southern Homeopathic Hospital, now Broad Street Hospital, Philadelphia. *Ibid.*, 875-7.—**Williams, J. W.** The functions of a woman's clinic. *Science*, 1926, 64: 581-6.—**Women's** (The) College Hospital. *Canad. J. M. & S.*, 1935, 78: 161-4.

comparative, and veterinary.

Kohn, J. Perethan in der Gynäkologie. *Prag. Arch. Tiermed.*, 1932, 12: 279.—**Maksimov, V. I.** [Gynecological table for ewes and goats] *Sovet. vet.*, 1940, 17: No. 8, 70.—**Westman, A.** Bauchfenstermethode bei tierexperimentellen Untersuchungen der Genitalorgane. *Arch. Gyn.*, Berl., 1928-29, 135: 515-8.

Diagnosis.

BARBOUR, A. H. F., & WATSON, B. P. *Gynecological diagnosis and pathology*. 3. ed. 223p. 8°. Edinb., 1926.

DRESSLER, P. *Grundrissbestimmungen bei gynäkologischen Erkrankungen [Jena] 19p. 8°. Zeulenroda, 1935.

FRAENKEL, L., & FELS, E. Photographischer Atlas der geburtshilflich-gynäkologischen mikroskopischen Diagnostik. 28p. 8°. Berl., 1933.

KÜSTNER, H. Gynäkologische und geburtshilfliche Diagnostik in Tabellenform. 34 pl. 65 tab. 8°. Münch., 1932.

SEITZ, A. Differentialdiagnose in der Frauenheilkunde. 236p. 8°. Dresd., 1928.

SELLHEIM, H. Die geburtshilflich-gynäkologische Untersuchung; ein Leitfaden für Studierende und praktische Aerzte. 4. Aufl. 216p. 8°. Münch., 1923.

WEIBEL, W. Einführung in die gynäkologische Diagnostik. 4. Aufl. 164p. 8°. Berl., 1929.

YING DSCHANG. *Die bakteriologische Diagnose und Prognose in der Gynäkologie und Geburtshilfe. 32p. 8°. Gött., 1926.

Atlee, H. B. The examination of the gynaecological patient. *Canad. M. Ass. J.*, 1935, 32: 516-23.—**Bernhart, F.** Die Bedeutung der Anamnese für die Stellung gynäkologischer Diagnosen. *Wien. klin. Wschr.*, 1939, 52: 251-3.—**Bigler, W.** Diagnose und Beurteilung in der Gynäkologie. *Schweiz. med. Wschr.*, 1936, 66: 1111-3.—**Castano, A., & Marco del Pont, A.** Les endocrinopathies en gynécologie et leur diagnostic biologique. *Gyn. obst., Par.*, 1926, 14: 21-8.—**Chisholm, A. E.** Diagnosis in gynecology. *Practitioner*, Lond., 1930, 124: 561-9.—**Corbeille, C.** Diagnostic methods in gynecology and obstetrics. *Rep. Wayne Co. M. Soc.*, 1932-33, 3: 95-9.—**Dalsace, R.**

L'examen clinique de la femme au double point de vue urinaire et gynécologique. *J. méd. chir., Par.*, 1933, 104: 330-6.—**Egorov, A. S.** Ueber die Kapillaranalyse in der gynäkologischen Diagnostik. *Zbl. Gyn.*, 1933, 57: 442-6.—**Falk, H. C.** Practical clinical gynecology; examination of the patient. *Am. J. Surg.*, 1937, 35: 153-71.—**Ferguson, R. T.** Gynecological examinations. *South. M. & S.*, 1934, 96: 399.—**Ferreira Jorge, C.** O exame gynecologico. *Rev. gyn. obst.*, Rio, 1940, 34: pt 2, 27-38.—**Fraenkel, L.** Ueber den wechselseitigen Gebrauch der Hände bei der gynäkologischen Untersuchung. *Münch. med. Wschr.*, 1930, 77: 53-5.—**Franken, H.** Erfahrungen zu dem Versuch: Eine exakte Diagnose von Gravidität mit Geschlechtsbestimmung, Tumoren usw. durch Opzime mit der Interferometer-Messmethode zu stellen. *Zbl. Gyn.*, 1927, 51: 660-3.—**Godovannyi, A. I.** [Electrothermometry of the skin in gynecological diseases] *Akush. gin.*, 1937, No. 3, 71-9.—**Goodwin, J. C.** Diagnosis in gynecology. *Canad. J. M. & S.*, 1936, 79: 6-20. — Some observations on gynaecological diagnosis; diagnostic aids. *Univ. Toronto M. J.*, 1939-40, 17: 54-8.—**Gough, A.** Gynaecological diagnosis. *Clin. J. Lond.*, 1935, 64: 101-7.—**Guyot, J.** Les méthodes actuelles d'exploration et de diagnostic en gynécologie. *Rev. fr. gyn. obst.*, 1928, 23: 689-711, 11 pl. Also *J. méd. Bordeaux*, 1929, 59: 102-10.—**Hamant & Rothan.** De l'utilisation de quelques moyens modernes de diagnostic en gynécologie. *Bull. Soc. obst. gyn. Paris*, 1936, 25: 263-5.—**Hammond, F. C.** The examination of gynecological patients. *Pennsylvania M. J.*, 1932, 36: 81-4.—**Hasselblatt, R.** Vanskigheter i den gynækologiska diagnostiken. *Fin. läk. säll. hand.*, 1932, 74: 944-57.—**Heim, K.** Ueber Fortschritte auf dem Gebiete der Schwangerschafts- und Geschwulstdiagnose. *Prakt. Arzt*, 1934, n. F., 19: 247-51.—**Heynemann, T.** Ueber die diagnostische und therapeutische Bedeutung der Punktion für Geburtshilfe und Gynäkologie. *Zbl. Gyn.*, 1928, 52: 932-9.—**Jaschke, R. T. von.** Zur Differentialdiagnose gynäkologischer Erkrankungen gegenüber Appendicitis und anderen chirurgischen Erkrankungen. *Chirurg*, 1928-29, 1: 1194-8.—**Jones, M.** The gynecological examination. *College J. Kansas City*, 1940, 24: 162-6.—**Klaften, E.** Zum weiteren Ausbau der Lichtdiagnostik in der Gynäkologie. *Klin. Wschr.*, 1936, 15: 409-13. — Lichtdiagnostik in der Gynäkologie; Kolpo- und Rektodiaphanoskopie. *Zbl. Gyn.*, 1936, 60: 159-67. — Ueber die Durchlichtung als physikalische Untersuchungsmethode und ihre Verwertung in der Gynäkologie. *Ibid.*, 2170-6.—**Krebs, O. S.** Some points in gynecological diagnosis helpful to the practitioner. *Illinois M. J.*, 1937, 71: 501-9.—**Landeker, A.** Frauenkunde und synoptische Diagnose in der Gynäkologie. *Mscr. Geburtsh. Gyn.*, 1932, 91: 411-31. — Reform und Ausbau der gynäkologischen Diagnostik. *Hippokrates*, Stuttgart., 1933, 4: 109-14.—**Mansfeld, O.** A női betegségek diagnosztikája. In *Klin. diagn.* (V. Müller) Budap., 1937, 1: 746-84.—**Maurizio, E.** Orientamenti moderni nella diagnostica ginecologica. *Clin. ostet.*, 1938, 40: 109-21.—**Meyer, R.** Die Leistungsfähigkeit der histologischen Diagnostik in Zahlen. *Zschr. Geburtsh. Gyn.*, 1929, 95: 178-88.—**Pierra, L. M.** L'interrogatoire dans la pratique gynécologique. *Rev. fr. gyn. obst.*, 1927, 22: 238-43.—**Puppel, E.** Zur gynäkologischen Diagnostik. *Med. Welt*, 1938, 12: 1874.—**Rawls, R. M.** The importance of differential diagnosis and of end-results in gynecology. *Rep. Surg. Staff Woman Hosp. State N. York*, 1925-28, 6: 28-40.—**Remmelts, R.** [Application of newest expedients in diagnosis and gynecology] *Gineesk. tschr. Ned. Indië*, 1934, 74: 770-5.—**Rissmann, P., & Schmidt, C.** Versuche und Erfahrungen mit der Douglaspunktion. *Zschr. Geburtsh. Gyn.*, 1928, 93: 363-9.—**Romero Sierra, J. M.** Tabla sinoptica para el examen ginecologico. *Gac. méd. Caracas*, 1935, 42: 167-73.—**Sánchez y Arcas, R.** La punción del Douglas en ginecología. *Progr. clin. Madr.*, 1930, 38: 840-2.—**Schiffmann, J.** Die pathologisch-histologische Diagnostik im Dienste der klinisch-praktischen Gynäkologie. *Med. Klin.*, Berl., 1930, 26: 1080-3.—**Szehl, S.** Ueber den diagnostischen Wert der Douglaspunktion. *Zbl. Gyn.*, 1929, 53: 1401-5.—**Vogt, E.** Untersuchungen über die Cytologie der Peritonealfüssigkeit bei gynäkologischen Erkrankungen. *Arch. Gyn.*, Berl., 1926, 128: 363-70.—**Warman, W. M.** Diagnostic suggestions in gynecology. *West Virginia M. J.*, 1937, 33: 352-4.—**Watson, B. P.** Diagnostic points in gynecology. *Canad. M. Ass. J.*, 1931, 24: 51-8. Also *Internat. J. M. & S.*, 1932, 45: 217-23.—**Wilson, K. M.** The technic of gynecological diagnostic procedure in patients. *Pract. Libr. M. & S.* (Appleton) N. Y., 1932, 2: 893-922.—**Zondek, B., & Knorr, W.** Der diagnostische und therapeutische Wert der Douglaspunktion. *Zbl. Gyn.*, 1927, 51: 2842-9.

Diagnosis: Errors.

SCHWALBE, J. Diagnostische und therapeutische Irrtümer und deren Verhütung; Frauenheilkunde; Abteilung Gynäkologie. *Lpz., H. 1-3*, 1921.

Benthin, W. Gefahren und Behandlungsrichtlinien bei Verkenntung gynäkologischer Leiden. *Med. Welt*, 1938, 12: 555-9.—**Cetrone, M. B.** Errori diagnostici fra malattie ginecologiche ed affezioni delle vie urinarie. *Clin. ostet.*, 1930, 32: 340-51.—**Cosbie, W. G.** Pitfalls in gynaecological diagnosis. *Canad. M. Ass. J.*, 1914, 44: 133-6.—**Dunlap, E.** A changing gynecology and consideration of gynecological errors. *South. M. J.*, 1936, 29: 27-31.—**Gaifami, P.** Gli errori ostetrici e

ginecologici. In his *Convers. & lez. ostet. gin.*, Roma, 1933, 173-6. — *Alcuni dei più comuni errori ginecologici del medico pratico.* Ibid., 205-8. — **Graff, E. von.** Diagnostic errors in gynecology. *J. Ioaw M. Soc.*, 1933, 23: 247-50. — **Kolde, W.** Einiges über diagnostische Irrtümer in der Gynäkologie. *Münch. med. Wschr.*, 1935, 82: 10-3. — **Maurizio, E.** Lesioni e proluisioni; orientamenti moderni nella diagnostica ginecologica. *Riv. ostet. gin.*, 1938, 20: 174-82. — **Micholitsch, T.** Fehldiagnosen. *Zbl. Gyn.*, 1930, 54: 3024-43. — **Penkert, M.** Welchen gynaekologischen Fehldiagnosen begegnet man des öfteren? *Zschr. ärzt. Fortbild.*, 1937, 34: 251-4. — **Schreiber, M. J.** A study of diagnostic errors in 4 years of admissions to a gynecological service. *Am. J. Surg.*, 1935, 29: 239-43. — **Seely, M. S.** Factors contributing to error in diagnosis in gynecology. *Texas J. M.*, 1940-41, 36: 556-9. — **Smith, G. van S.** Surprises in gynecology. *Tr. N. England Surg. Soc.*, 1930, 22: 352-67. — **Vaux, N. W.** Diagnostic mistakes in gynecology. *Med. Clin. N. America*, 1936-37, 20: 75-81. — **Zhivatov, G. K.** [Mistakes in diagnosis in gynecology] *Odess. med. J.*, 1927, 2: 161-8.

— Diagnosis, hematological, and serological.

See also **Blood sedimentation**, Clinical value.

BAILLET, J. M. H. *La valeur diagnostique du test hormonal lapine, Asehhheim, Friedmann, A. Brouha, dans les affections gynécologiques. 70p. 25cm. Bord., 1933.

VLAKHOFF, K. *Etude sur la vitesse de la sédimentation globulaire et la leucocytose dans les affections gynécologiques. 37p. 8? Genève, 1934.

Baer, J. L., & Reis, R. A. The sedimentation test in gynecology. *Am. J. Obst.*, 1925, 10: 397-402. — **Benischek, W. L., & Douglas, M. D.** The value of the blood sedimentation test in gynecology; conclusions on 250 consecutive cases. Ibid., 1927, 14: 220-5. — **Bültemann, H.** Photochemische Serumreaktion nach Lange und Heuer in der Gynäkologie. *Münch. med. Wschr.*, 1926, 73: 238. — **Candela, N.** Alcuni aspetti della fisiologia biochimica del sangue; l'enzimazione in ginecologia. *Riv. ital. gin.*, 1929-30, 9: 502-20. — **Filep, A.** [Schilling's guttadiaphot test in gynecology and obstetrics] *Orv. hetil.*, 1931, 75: 979-81. — **Frommolt, G., & Motiloff, L.** Was bedeutet die Blutkörperchenreaktion für die Gynäkologie? *Zbl. Gyn.*, 1926, 50: 348-53. — **Iwanow, I. J.** Die Prüfung der Blutkörperchengeschwindigkeit bei gynäkologischen Erkrankungen. Ibid., 1900-3. — **Kleitsman, R. J.** De la sédimentation des hématies dans la gynecologie. *Acta obst. gyn. scand.*, 1928, 7: 347-62. — **Lüttge & von Mertz.** Zur Serodiagnostik in der Gynäkologie, zugleich Bemerkung zu der Arbeit Slotta's: Ist eine Geschlechtsvorhersage nach Lüttge-Mertz-Sellheim möglich? *Zbl. Gyn.*, 1926, 50: 2290-300. — **Macau.** Valor del análisis morfológico de la sangre en ginecología; investigación personal en enfermas carcinomatosas y en casos de flogosis y supuraciones pélvicas. *Progr. clín. Madr.*, 1916, 7: 93-127. — **Patat, P. J.** [Complement fixation tests in gynecological diseases] *Orvosképzés*, 1939, 29: December Különf., No. 2, 257-62. — **Reel, P. J.** The value of blood sedimentation tests and the use of brominized oil as diagnostic aids in gynecology. *Ohio M. J.*, 1928, 24: 269-74. — **Roeher, W.** Die klinische Bedeutung der Senkungsgeschwindigkeit der roten Blutkörperchen in der Gynäkologie. *Fortsch. Med.*, 1926, 44: 674-6. — **Silzer, O.** Unsere Erfahrungen über die Branchbarkeit der Blutkörperchen senkungsgeschwindigkeit in der Gynäkologie. *Zbl. Gyn.*, 1926, 50: 353-61. — **Sommer, K.** Das Hämogramm in der Gynäkologie. *Zschr. Geburtsh. Gyn.*, 1924-25, 88: 658-77. — **Tollefson, D. G.** Blood sedimentation test, its significance in gynecology; report of cases. *California West. M.*, 1930, 32: 20-3. — **Trettenero, M.** Ricerche sull'emogramma di Schilling nel campo ginecologico. *Atti Accad. fisic. Siena*, 1928, 10, ser. 3: 189-93. — **Vitner-Rozenthal, Z.** [Sedimentation rate in obstetrics and gynecology] *Rev. st. med.*, Bucur., 1932, 21: 953-61. — **Williams, P. F.** Is the sedimentation test of practical value in gynecology? *Am. J. Obst.*, 1927, 13: 228-33. — **Yates, H. W., Davidow, D. M.** [et al.] A study in correlation of the sedimentation test, filament-nofilament, and the white cell count in gynecology. Ibid., 1933, 25: 203-12. — **Ypsilanti, H., & Kyriakis, L.** Ueber unsere Erfahrungen mit dem Weltmann'schen Koagulationsband in der Gynäkologie. *Zbl. Gyn.*, 1934, 58: 1222. — **Zhivatov, G. K.** [Erythrocyte sedimentation rate reaction in operative gynecology] *Odess. med. J.*, 1927, 2: 77-80.

— Diagnosis, radiographic.

BÉCLÈRE, C. L'exploration radiologique en gynécologie; technique; résultats. 173p. 8? Par., 1928.

JOBST, O. *Die Röntgendiagnostik in der Gynäkologie, dargestellt nach dem Schrifttum 1900-1932 [Würzburg] 68p. 8? Gütersloh, 1933.

SCHLAEGEL, I. [geb. DEMBLIN] *Ueber die Bedeutung der Röntgenkontrastdarstellung ins-

besonders in der Gynäkologie und Geburtshilfe [München] 21p. 21½cm. Günzburg, 1938.

SPECHT, W. [G.] *Die Entwicklung der gynäkologischen Röntgendiagnostik. 32p. 20½cm. Erlangen, 1938.

WINTZ, H., & DYROFF, R. Das Pneumoperitoneum in der Gynäkologie. 59p. 8? Lpz., 1924.

Araya Lampe, A. Radio-diagnóstico en ginecología. *Rev. méd. Chile*, 1939, 67: 993-1004. — **Béclère, C.** Technique de l'injection intra-utérine de lipiodol en radiodiagnostic gynécologique. *Bull. Soc. obst. gyn. Paris*, 1927, 16: 313-6. — Cent observations de radio-diagnostic gynécologique par injection de lipiodol. *Bull. Soc. nat. chir. Par.*, 1928, 54: 419-22. — **Bertrand, F., Villemur, & Baillet, G.** L'exploration radiologique du cul-de-sac de Douglas par l'injection de lipiodine. *Presse méd.*, 1926, 34: 1139. — **Bortini, E.** La diagnosi radiologica in ginecologia. *Umbria med.*, 1940, 20: 3637, 3646. — **Braut, P.** Le radiodiagnostic pratique en obstétrique. *Gaz. méd. France*, 1938, 45: 255-7. — **Campbell, A. M., Miller, J. D.** [et al.] The diagnostic value of radiopaque contrast media in gynecology and obstetrics. *Tr. Am. Gyn. Soc.*, 1933, 57: 321-31. — Also *Am. J. Obst.*, 1932, 24: 542. — **Cañizares, R.** Valor diagnóstico de la ginecografía en oncología. *Bol. Liga cáncer, Habana*, 1935, 10: 65-96, 16 pl. — **Cotte, G.** Le radiodiagnostic en gynecologie. *Gyn. obst. Par.*, 1931, 24: 193-264. — Also *J. radiol. élect.*, 1932, 16: 77-81. — **Courty, L., Cordonnier, V., & Leduc, M.** La radiodiagnostic gynécologique. *Rev. fr. gyn. obst.*, 1933, 28: 92-104. — **Dalsaces, J.** Le diagnostic radiologique en gynécologie. *Gyn. obst. Par.*, 1931, 24: 537-55. — **De Grisogono, A.** Considerazioni sull'uso dell'urosclectan per via endovenosa nelle indagini ginecologiche. *Riv. ital. gin.*, 1930, 11: 189-93. — **Dyloff, R.** Die Bedeutung der Röntgenstrahlen für die gynäkologische Diagnostik und Forschung. *Röntgenpraxis*, 1933, 5: 241-8. — **Francillon-Lobre, Lédoux-Lebard** [et al.] Méthode radiologique des contrastes appliquée au diagnostic gynécologique. *Bull. Soc. obst. gyn. Paris*, 1929, 18: 278-83. — **Gaifami, P.** I raggi X nella diagnosi ginecologica. In his *Convers. & lez. ostet. gin.*, Roma, 1933, 21-6. — **Gajzágó, J.** [Interesting cases of roentgen diagnosis in gynecology] *Magy. nőorv. lap.*, 1940, 3: 1-4. — **Gibbons, R. A.** The use of opaque substances as an aid to diagnosis of gynecological conditions. *Brit. J. Radiol.*, 1928, n. ser., 1: 37-48, 2 pl. — **Grégoire, R., Béclère, C., & Darbois, Du.** Radiodiagnostic gynécologique. *Bull. Soc. obst. gyn. Paris*, 1927, 16: 347-61. — Du radiodiagnostic en gynécologie: indications, technique, résultats. *J. radiol. élect.*, 1927, 11: 1-23, pl. — Also *Gynécologie*, 1927, 26: 479. — **Hellendall, H.** Beitrag zur Röntgendiagnostik in der Gynäkologie. *Zschr. Geburtsh. Gyn.*, 1935, 111: 371-83. — **Jarcho, J.** Recent advances in roentgenography as an aid in gynecological and obstetrical diagnosis. *Med. J. & Rec.*, 1933, 137: 235-41. — Also repr. — **Odisharia, S., & Zakrevsky, V.** [Contrast roentgenodiagnosis in gynecology] *Vest. rentg.*, 1927, 5: 293-300, 3 pl. — **Reček, V.** [Roentgen diagnosis in gynecology] *Cas. lek. česk.*, 1932, 71: 1028. — **Rosenblatt, J., & Kass, S.** Die Röntgenographie als diagnostisches Hilfsmittel in der Gynäkologie. *Mscr. Geburtsh. Gyn.*, 1926, 74: 182-93. — **Samuel, M.** Ueber den Wert der Röntgendiagnostik für die Gynäkologie und Geburtshilfe des Praktikers. *Fortsch. Med.*, 1927, 45: pt. 2, 343-6. — **Schultze, G. K. F.** Gynäkologische Röntgendiagnostik. Beihilfe *Med. Klin.*, 1929, 25: 23. — **Stein, I. F.** Roentgenographic diagnosis in gynecology; pneumoperitoneum. *Surg. Gyn. Obst.*, 1926, 42: 83-7. — Roentgen diagnosis in gynecology and obstetrics. *J. Michigan M. Soc.*, 1931, 30: 675-9. — **Arens, R. A.** Iodized oil and pneumoperitoneum in gynecology; a clinical radiological study. *Radiology*, 1927, 8: 494; 1929, 12: 341. — **Sugg, A. R.** Pneumoperitoneum as a practical procedure in gynecology. *J. Oklahoma M. Ass.*, 1934, 27: 398-400. — **Turpault, L.** Le radio-diagnostic en gynécologie; indication et contrindication. *J. méd. Paris*, 1932, 52: 1045-8. — **Will, Die Hystero-Salpingographie als Ergänzung der gynäkologischen Untersuchungsmethoden. *Deut. med. Wschr.*, 1929, 55: 222-4. — **Yamasaki, Y.** Ueber die Hysterosalpingo-parietographie und deren klinisch-diagnostischen Wert. *Nippon fujinkagakkai zasshi*, 1933, 28: Nos. 8-14, 44.**

— Essays, and addresses.

BERGER, H. Frauen in der Sprechstunde. 175p. 8? Dresd., 1933.

Ahumada, J. C. Conferencia inaugural de la cátedra de clínica ginecológica. *Prensa méd. argent.*, 1935, 22: 987-95. —

Byrne, W. S. Presidential address in the section of obstetrics and gynaecology. *Tr. Australas. M. Congr.* (1905) 1907, 7: 229-34. — **Cabot, H.** Fish, cut bait or go ashore. *Proc. Interst. Postgrad. M. Ass. N. America* (1928) 1929, 133-40. — **Findley, P.** Factors which have contributed to better results in gynecology and obstetrics. *West. M. Rev.*, 1906, 11: 262; 264; 270. — **Holden, F. C.** Presidential address. *Tr. Am. Gyn. Soc.* (1939) 1940, 64: 1-5. — **Mejsnar, J.** [Parturition and gynecology in the practical life of physicians] *Lék. rozhledy, Praha*, 1907, 15: 326; 374. — **Opitz, F.** Geburtshilfliche und gynäkologische Kleinigkeiten. *Gyn. Rdsch.*, 1911, 5: 6-11. — **Prentini, O.** Catedra de clínica ginecológica;

conferencia inaugural. Sem. méd., B. Air., 1937, 44: pt 2, 419-24.—**Stoeckel**, Eröffnungs-Ansprache des Vorsitzenden. Zbl. Gyn., 1934, 58: 87-93.—**Thring, E. T.** Presidential address in section of obstetrics and gynecology. Intercolon. M. J. Australas., 1908, 13: 545-52.—**Whitehouse, B.** Some impressions of a gynaecologist in post-war Europe. Canad. M. Ass. J., 1937, 37: 279-84.

— History [and folklore]

ARNOLD, D. *Frauenheilkunde bei den primitiven Völkern der Jetztzeit [Freiburg i. B.] 22p. 8° Stettin, 1927.

BUTTERS, F. *Sinngemässe gynäkologische Therapie im alten Griechenland [Erlangen] 69p. 8° Würzb., 1937.

DIEPGEN, P. Die Frauenheilkunde der alten Welt. 348p. 8° Münch., 1937.

DROSSEL, K. *Historische Entwicklung des Konstitutionsbegriffes in der Gynäkologie. 40p. 8° Münch., 1926.

FISCHER, I. Geschichte der Gynäkologie. 202p. 8° Berl., 1924.

In Biol. & Path. Weibes (Halban & Seitz) Berl., 1924, 1: 1-202.

— Die Gynäkologie bei Dioskurides und Plinius. 36p. 8° Wien, 1927.

SCHMIDT, F. *Gynäkologie und Geburtshilfe im 1. Jahrhundert nach Christi Geburt. 25p. 21cm. Erlangen, 1935.

SZARVAS, E. *Les connaissances gynécologiques, embryologiques et obstétricales des Hébreux jusqu'à l'époque de clôture du Talmud. 60p. 8° Par., 1936.

THOMS, H. Classical contributions to obstetrics and gynecology. 265p. 8° Springf., 1935.

Acosta-Sison, H. Gynecology in the Philippines. Rep. Nat. Res. Counc. Philippine Islands, 1935, 300-2.—**Anspach, B. M.** The contributions of Great Britain to gynecology and obstetrics. Am. J. Obst., 1935, 30: 459-66. Also Tr. Am. Gyn. Soc., 1936, 60: 1-8.—**Apontamentos** para a historia da ginecologia em Portugal. Med. contemp., Lisbon, 1926, 44: 17-21.—**Arnold, C. H.** Historical gynecology. California West. M., 1936, 44: 40-3.—**Diepgen, P.** Reste antiker Gynäkologie im frühen Mittelalter. Quellen Gesch. Naturwiss. Med., 1932-33, 3: H. 4, 18-34.—**Donald, A.** Then and now. Edinburgh M. J., 1931, n. ser., 38: Suppl., 49-68.—**Fischer, I.** Zur Geschichtsschreibung der Gynäkologie. Zbl. Gyn., 1933, 57: 1274.—**Fuchs, H.** Geburtshilfe und Frauenheilkunde. In Marksteine Entw. Med. (Holst, W.) Danzig, 1939, 15-27.—**Gaubert, C.** Gynecologie au Cameroun. J. obst. gyn., Lille, 1939, 10: No. 5, 3-8, pl.—**Iribarne, J.** Evolución de la ginecología. Rev. méd. lat. amer., B. Air., 1927, 12: 120-4.—**Kelly, H. A.** Reminiscences in the development of gynecology. J. Connecticut M. Soc., 1936-37, 1: 459-67.—**Keskin, R. M., & Saglik, S.** A sketch of the history of gynecology and obstetrics in Turkey. Bull. Inst. Hist. M., Balt., 1938, 6: 899-906.—**Lott, H. S.** Pathfinders. South. M. & S., 1926, 88: 496-500.—**Magdi, I.** A report on my summer mission. J. Egypt. M. Ass., 1938, 21: 429-36.—**Majer, W.** [Gynecology of yesterday and to-day] Nowiny lek., 1936, 48: 603-6.—**Mitra, S.** Antike und moderne Geburtshilfe und Gynäkologie in Indien. Zbl. Gyn., 1932, 56: 1166-77.—**Orta Menéndez, D.** Como debe ser un historial clinico en ginecología. Rev. méd. cubana, 1936, 47: 616-22, ch.—**Phillips, W. D.** Evolution of gynecology. N. Orleans M. & S. J., 1937, 90: 175-83.—**Smith, W. S.** A brief review of the history of gynecology. Brooklyn Hosp. J., 1940, 2: 54-62, 6 portr.—**Spirito, F.** Qualche considerazione su di alcune memorie inedite d'ostetricia e ginecologia lette dal 1773 al 1864 e conservate nell'Archivio della R. Accademia dei fisiocritici in Siena. Atti Acad. fisioc. Siena, 1936, 11, ser., 4: Suppl. No. 5, 301-6.—**Stur, J.** Die Gynäkologie des Johannes Aktuarius. Arch. Gyn., Berl., 1931, 145: 551-65.—**Gynäkologische Sektionsbefunde aus der Frühzeit** Carl Rokitsanskys, 1832-1834. Zschr. Geburtsh. Gyn., 1932, 103: 614-39.—**Die erste gynäkologische Laparotomie zu Wien im Jahre 1549.** Arch. Gyn., Berl., 1934, 157: 472-508.—**Turenne, A.** Pasado, presente y futuro de la ginecología. Arch. urug. med., 1937, 10: 541-58.—**Velazquez Uriarte, J.** Algunos apuntes para la historia de la ginecología en México. Rev. mex. cir. gin. cáncer, 1936, 4: 159-68.—**Zofio, J.** Historia de la ginecología. Tr. Cáted. hist. erit. med., Madr., 1934, 2: 189-94, 4 pl.

— History, recent.

BOURNE, A. W. Recent advances in obstetrics and gynecology. 344p. 8° Lond., 1926. Also 2. ed. 382p. Lond., 1928.

— & **WILLIAMS, L. H.** Recent advances in obstetrics and gynaecology. 3. ed. 418p. 8° Lond., 1932. Also 4. ed. Phila., 1939.

Baer, J. L. A century of obstetrics and gynecology. Illinois M. J., 1940, 77: 468-70.—**Blair, E. M.** Modern evolution of gynecology. Canad. M. Ass. J., 1926, 16: 1028-32.—**Bocheński, K.** [Gynecological care and assistance in the south-eastern provinces of Poland] Polska gaz. lek., 1938, 17: 313.—**Brown, G. Van A.** Recent important advances in obstetrics and gynecology. Am. J. Obst., 1930, 19: 153-66.—**Driessen, L. F.** [Gynecology 30 years ago and now] Ned. tschr. geneesk., 1928, 77: 1421-35.—**Frank, R. T.** Certain outstanding trends in gynecology during the past 40 years. Am. J. Obst., 1940, 40: 574-7. Also repr.—**Gaifami, P.** La ginecologia italiana nell'ultimo decennio. Rass. internaz. clin. ter., 1929, 10: 1001-24.—**Gemmell, J. E.** Forty years' gynaecology, 1885-1925. Med. Press & Circ., Lond., 1926, n. ser., 121: 153; 173.—**Green-Armytage, V. B.** Gynecological progress. Ind. M. Gaz., 1931, 66: 95-100.—**Greenhill, J. P.** Trends in gynecology and obstetrics during 1933. Am. J. Obst., 1934, 28: 307; 461.—**Henkel, M.** Fortschritte auf geburtshilflich-gynäkologischem Gebiet. Deut. Klinik, 1909, 12: 673-724.—**Holland, E.** Some recent advances in gynecology. Practitioner, Lond., 1935, 135: 455-67.—**Keene, F. E.** The background of our natal year. Am. J. Obst., 1933, 26: 471-9.—**Lafargue, P.** La gynécologie à Bordeaux. J. méd. Bordeaux, 1925, 55: 968.—**Matthews, H. B.** A review of the progress of obstetrics and gynecology for the years 1922, 1924. Med. Times, N. Y., 1923, 51: 11; 23; 1925, 53: 25.—**Meigs, J. V.** Recent advances in medical gynecology. Med. Clin. N. America, 1935-36, 19: 1439-66. — Report on medical progress: gynecology. N. England J. M., 1939, 220: 242-50.—**Milnor, G. C.** Gynecological reflections after a mainland and foreign visit. Proc. Clin. Honolulu, 1939, 5: No. 3, pt 2, 1-4.—**Opitz, E.** Ueber Wandlungen in der Gynäkologie und an den Kranken. Zbl. Gyn., 1926, 50: 928-32.—**Orta Menéndez, D.** Avanzadas ginecológicas. Rev. méd. cubana, 1941, 52: 103-19.—**Palmer, A. C.** A hundred years of obstetrics and gynaecology. Med. Press & Circ., Lond., 1939, 201: 104-10.—**Pemberton, F. A.** Progress in gynaecology. Boston M. & S. J., 1926, 195: 371-5.—**Pigford, A. W.** History and progress of gynecology. J. Oklahoma M. Ass., 1927, 20: 123-6.—**Schickele, G.** Kritischer Rückblick über die wichtigsten Fortschritte auf dem Gebiete der Geburtshilfe und Gynäkologie im Jahre 1910. Münch. med. Wschr., 1911, 58: 645-50.—**Taylor, H. C., jr.** Notes on 50 years of progress in gynecology. Am. J. Surg., 1941, 51: 97-109.—**Young, J.** Obstetrics and gynaecology. Practitioner, Lond., 1938, 141: 377-85.

— Instruments.

See also names of instruments; also under such headings as *Vagina*, Examination, &c.

DASARA-CAO, D. Il cistocellogeno, nuovo strumento ginecologico. 22p. 8° Gassari, 1902.

Ackermann, H. Présentation d'un instrument accessoire de physiothérapie gynécologique: le Gyno-Bouillotte. Strasbourg méd., 1932, 92: 155.—**Bachmann, R. A.** Gynecological instrument. U. S. Patent Off., 1935, No. 2,008,380.—**Bonner, A. W.** Vaginal applicator. Ibid., No. 2,025,373.—**Bors, E.** Pinzette für Herfische Klammern. Zbl. Gyn., 1926, 50: 1084.—**Bossi, L. M.** L'apparecchio termogalvanico Bottini nel campo ostetrico-ginecologico. Atti Soc. ital. ostet., 1898, 5: 609-14.—**Campbell, L. A.** An improved anal shield. Am. J. Obst., 1929, 17: 873-5.—**Carranza, F., & Arenas, N.** El bisturi eléctrico en ginecología. Sem. méd., B. Air., 1931, 38: 489-97.—**Christeas, N., Leroy, R., & Palmer, R.** Note sur un nouveau procédé d'enregistrement électrique des pressions. Bull. Soc. gyn. obst. Paris, 1938, 27: 501-3.—**Cohn, M., & Nordin, S. S.** Vaginal applicator. U. S. Patent Off., 1940, No. 2,212,706.—**Dogliotti, V.** Il clinosolenoide nella pratica ginecologica ed ostetrica. Riv. ostet. gin., 1924, 6: 574-84.—**Fraenkel, L.** Presentación de algunos instrumentos ginecotoxicológicos. Arch. urug. med., 1939, 15: 34-43.—**Fulconis, H.** Appareil destiné à l'exploration des voies génitales féminines et à diverses interventions gynécologiques. Gyn. obst., Par., 1938, 37: 44-51.—**Gaifami, P.** L'uso della sonda ginecologica. In his Convers. & lez. ostet. gin., Roma, 1933, 3-7.—**Gauss.** Demonstration verschiedener neuer Instrumente und Apparate. Arch. Gyn., Berl., 1927, 132: 355.—**Gourdet, J.** Ecarteurs combinés pour la vessie et la gynécologie. P. verb. Congr. fr. chir., 1923, 32: 771-6.—**Harper, C. S.** A self-retaining cannula for injection of liquids or gas in tubal insufflation. Am. J. Obst., 1928, 16: 892.—**Hinselmann, H.** Kleinfeldriger Grund, ein neuer selbständiger Matrizbeizirk. Zbl. Gyn., 1938, 62: 899-903.—**Julien, E. M., & Puga, C. R.** Presentación de una mesa de operaciones generales y ginecológicas totalmente desarmable y de fácil transporte. Dia méd., B. Air., 1939, 11: 1107.—**Kogan, M. Z.** [New easy model of a leg supporter] Sovet. med., 1940, No. 13, 34.—**La Monica, U.** Presentazione di strumenti chirurgici per ostetricia e ginecologia; dilatatore dell'utero; valva vaginale a fissazione meccanica. Atti Soc. ital. ostet., 1911, 16: 470-3, pl.—**Leontieva-Himmelfarb, A.** [Gynecological chair] Vrach. gaz., 1928, 32: 448-50.—**Lörincz, B.** [Uterus-aspirator in gynecology] Gyógyászat, 1933, 73: 417-21.—**Mansfeld, O. P.** Gynä-

kologische Klemmzange für Ureteren, Eileiter, Lig. rotunda und Blutgefäße. *Zbl. Gyn.*, 1926, 50: 364-6.—**Mombach, G.** A new cannula for performing the Rubin and lipiodol examination. *Am. J. Obst.*, 1930, 19: 841.—**Rosh, R.** A modified speculum for the examination of the atrophic and constricted vagina after radiation. *Ibid.*, 843.—**Samuel, M.** Ueber einige technische Neuerungen. *Münch. med. Wschr.*, 1928, 75: 349.—**Sellheim, H.** Klappspiegel für die schonende Ausführung von intrauterinen Eingriffen und vaginalen Operationen. *Mscr. Geburtsh. Gyn.*, 1925, 71: 173-6.—**Sénéchal, M.** Valve à poids. *P. verb. Congr. fr. chir.*, 1928, 37: 605.—**Singer, D. E.** Gynecologic instrument. U. S. Patent Off., 1940, No. 2,201,274.—**Sweek, W. O.** A new and practical abdominoscope. *Surg. Gyn. Obst.*, 1927, 45: 700.—**Ward, G. G.** An adjustable operating table designed for gynecological use. *Rep. Surg. Staff Woman Hosp. State N. York*, 1925-28, 6: 139-42.—**Zangemeister.** Dekapitationshaken; Uterusdilatator; Tamponadematerial. *Arch. Gyn.*, Berl., 1927, 132: 352.

— Manual.

ADAIR, F. L. *Obstetrics and gynecology.* 2v. 1000p.; 1031p. 24cm. Phila., 1940.

AHUMADA, J. C. *Tratado elemental de ginecología.* 2. ed. 2v. 520p.; 402p. 26cm. B. Air., 1939.

ANSPACH, B. M. *Gynecology.* 752p. 8° Phila., 1921. Also 2. ed. 752p. 1924. Also 3. ed. 752p. 1927. Also 4. ed. 752p. 1929. Also 5. ed. 832p. 1934.

BEDFORD, G. S. *Clinical lectures on the diseases of women and children.* 5. ed. 563p. 8° N. Y., 1859.

BELL, W. B. *The principles of gynaecology; a text-book for students and practitioners.* 4. ed. 848p. 8° Lond., 1934.

BERKELEY, C., ANDREWS, H. R., & FAIRBAIRN, J. S. *Diseases of women by 10 teachers.* 4. ed. 558p. 8° Lond., 1930.

BLAND, P. B., & FIRST, A. *Gynecology, medical and surgical.* 3. ed. 843p. 25½cm. Phila., 1939.

BOURNE, A. W. *Synopsis of obstetrics and gynaecology.* 6. ed. 444p. 8° Brist., 1935.

BOURSIER, A. *Précis de gynécologie.* 3. éd. 2v. 893p.; 1090p. 12° Par., 1925.

BUBIS, J. L. *Puerperal gynecology.* 199p. 8° Balt., 1935.

BUSHONG, C. H. *Modern gynecology.* 380p. 8° N. Y., 1893.

CAMERON, S. J. *A manual of gynaecology for students and practitioners.* 3. ed. 651p. 8° Lond., 1925.

CHERRY, T. H. *Surgical and medical gynecologic technic.* 678p. 8° Phila., 1929.

CRAGIN, E. B. *Essentials of gynaecology.* 192p. 12° Phila., 1890.

CROSSON, H. S., & CROSSEN, R. J. *Diseases of women.* 8. ed. 999p. 8° S. Louis, 1935.

— *Synopsis of gynecology, based on the textbook, Diseases of women.* 227p. 8° S. Louis, 1932. Also 2. ed. 247p. 1937.

CURTIS, A. H. *A text-book of gynecology.* 380p. 8° Phila., 1930. Also 2. ed. 493p. 1935. Also 3. ed. 603p. 1938.

— *Obstetrics and gynecology.* Vol. 1. 1165p. 8° Phila., 1933.

DAVIS, C. H. *Gynecology and obstetrics.* 3v. 8° Hagerstown, Md., 1933.

DENIKER, M. *La gynécologie.* 2. éd. 215p. 15½cm. Par., 1937.

DOLÉRIS, J. A., PETIT-DUTAILLIS, P., & ROULLAND, H. *Etudes de gynécologie clinique & opératoire.* 103p. 8° Par., 1926.

DOUAY, E. *Gynécologie.* 183p. 16° Par., 1928. Also 2. éd. 296p. 1933.

DÜHRSSSEN, A. *Gynäkologisches Vademecum für Studierende und Aerzte.* 13. & 14. Aufl. 290p. 12° Berl., 1920.

EDEN, T. W., & LOCKYER, C. *Gynaecology for students and practitioners.* 4. ed. 964p. 8° Lond., 1935.

FAIRBAIRN, J. S. *Gynaecology with obstetrics.* 769p. 8° Lond. [1924]

FAURE, J. L., & SIREDEY, A. *Traité de gynécologie médico-chirurgicale.* 4. éd. 1319p. 8° Par., 1928.

FORSDIKE, S. *Textbook of gynaecology.* 290p. 8° Lond., 1932.

FULKERSON, L. L. *Gynecology; a text-book of the diseases of women.* 842p. 8° Phila., 1929.

GAIFAMI, P. *Conversazioni e lezioni ostetrico-ginecologiche ad uso dei medici pratici.* 543p. 8° Roma, 1933.

GRAVES, W. P. *Gynecology.* 4. ed. 1016p. 8° Phila., 1928.

GRAY, A. O. *A synopsis of gynaecology.* 352p. 12° Lond., 1925.

GREENHILL, J. P. *Office gynecology.* 406p. 21cm. Chic. [1939]

GYNECOLOGICAL AND OBSTETRICAL MONOGRAPHS with Cumulative supplement and composite index. 16v. 8° N. Y., 1928-31.

HALBAN, J., & SEITZ, L. *Biologie und Pathologie des Weibes.* 16v. 4° Berl., 1924-28.

HAMBLE, E. C. *Endocrine gynecology.* 453p. 26cm. Springf., Ill. [1939]

HANNES, W. *Die kleine Gynäkologie des praktischen Arztes.*

In *Berl. Klinik*, 1927, 34: H. 383-84, 1-60, 2 pl.

HAULTAIN, W. F. T. *A practical handbook of midwifery and gynaecology for students and practitioners.* 316p. 8° Lond., 1926.

— & **KENNEDY, C.** *A practical handbook of midwifery and gynaecology for students and practitioners.* 2. ed. 356p. 8° Edinb., 1935.

HOWARD, J. T. *Gynecology; or, Treatise on midwifery and physical ailments of women and children.* 276p. 12° Washington, 1871.

JAMESON, E. M. *Gynecology and obstetrics.* 170p. 16° N. Y., 1936.

JASCHKE, R. T. VON. *Gynaekologie.* 2. Bd, 13. Aufl. 206p. 8° Lpz., 1930.

— & **PANKOW, O. R.** *Lehrbuch der Gynäkologie.* 5. Aufl. (!) 759p.; 8° Berl., 1933. Also 6. Aufl. 590p. 1921.

JELLETT, H. *A practice of gynaecology.* 5. ed. 744p. 8° Lond., 1925.

JEWETT, C. *Syllabus of gynecology.* 132p. 8° N. Y., 1900. Also 170p. 1904. Also 178p. 1907.

KELLY, H. A. *Gynecology.* 1043p. 4° N. Y., 1928.

KERR, J. M. M., FERGUSON, J. H. [et al.] *Combined text-book of obstetrics and gynaecology for students and practitioners.* 2. ed. 1100p. 8° Edinb., 1933.

KERR, J. M. M., JOHNSTONE, R. W. [et al.] *Combined textbook of obstetrics and gynaecology.* 3. ed. 1192p. 25½cm. Edinb., 1939.

LINDEMANN, W. *Grundlagen der gynäkologischen Ausbildung; kurzgefasstes Lehrbuch für Studierende.* 173p. 8° Münch., 1922.

MARTIN, F. H. *Treatise on gynecology.* 539p. 4° Chic., 1903.

MILLER, A. C. *Gynaecological record, designed for practitioners and students of medicine.* 100 l. 8° Cleveland, Ohio, 1884.

MILLER, C. J. *An introduction to gynecology.* 327p. 8° S. Louis, 1931. Also 2. ed. 354p. 1934.

— *Clinical gynecology.* 560p. 8° S. Louis, 1932.

- PENZOLDT, F., & STINTZING. Geburtshilfe und Behandlung der Frauenkrankheiten. 5. Aufl. 602p. 8°. Jena, 1918.
- POLAK, J. O. A manual of gynecology. 3. ed. 402p. 8°. Phila., 1927.
- RUNGE, E. Die Gynäkologie des praktischen Arztes. 288p. 12°. Berl., 1924.
- SHAW, W. Textbook of gynecology. 588p. 8°. Lond., 1936.
- SKENE, A. J. C. Medical gynecology; a treatise on the diseases of women from the standpoint of the physician. 529p. 8°. N. Y., 1900.
- SOLOMONS, B. A handbook of gynecology; for the student and practitioner. 2. ed. 303p. 8°. Lond., 1925. Also 3. ed. 368p. 1934.
- STEVENS, T. G. Diseases of women. 3. ed. 1p. 8°. Lond., 1931.
- STOECKEL, W. Handbuch der Gynäkologie. 3. Aufl. 21v. roy. 8°. Münch., 1926-38.
- Lehrbuch der Gynäkologie. 3. Aufl. 742p. 8°. Lpz., 1931. Also 3. Aufl. 773p. 1937.
- TIMM [S. H.]. Dr Timm's Spezialarzt für Frauen. 159p. 12°. N. Y. [1891]
- TITUS, P. Diseases of women for the general practitioner. 320p. 8°. N. Y., 1937.
- TOTTENHAM, R. E. Aids to gynecology. 8. ed. 214p. 16°. Lond., 1932.
- TREUB, H. Leerbuch der gynaeologie. 7. ed. 739p. 4°. Leiden, 1921.
- VIGNES, H. Physiologie gynécologique et médecine des femmes. 565p. 8°. Par., 1929.
- WEIBEL, W. Lehrbuch der Frauenheilkunde. Bd 2: Gynäkologie. 398p. 25½cm. Berl., 1939.
- WELLS, W. H. Compend of gynecology. 2. ed. 279p. 12°. Phila., 1899. Also 3. ed. 293p. 1903.
- WHITE, C., BERKELEY, C. [et al.]. Diseases of women; by 10 teachers. 6. ed. 492p. 8°. Lond. [1938]
- WILLE, O. Alltägliches in der Gynäkologie. 53p. 8°. Lpz., 1926.
- Povsednevoe v gynekologii [The everyday in gynecology]. Translated from the German by V. Dembsky. 31p. 12°. [Leningr., Pract. Med.] 1927.
- WINTERTON, W. R. Aids to gynaecology. 9. ed. 184p. 16½cm. Lond., 1939.
- YOUNG, J. A text-book of gynaecology for students and practitioners. 2. ed. 338p. 12°. Lond., 1928. Also 3. ed. 411p. 8°. Lond., 1933. Also 4. ed. 417p. 1936. Also 5. ed. 425p. 1939.
- **Methods.**
- Béclère, C. Ueber die funktionelle Röntgenologie in der Gynäkologie. Fortsch. Röntgenstrahl., 1937, 56: 110-2.—Bonney, V. The fruits of conservatism. J. Obst. Gyn. Brit. Empire, 1937, 44: 1-12, pl.—Counseller, V. S. Conservatism in gynecology. Ohio M. J., 1934, 31: 940-2.—Dick, W. Ueber die physiologische Richtung in der Gynäkologie. Mschr. Geburtsh. Gyn., 1926, 74: 146-59.—Donaldson, M. Demonstration of a number of obstetrical and gynaecological models. Proc. R. Soc. M., Lond., 1935-36, 29: 954.—Givatoff, G. K. L'orientation biologique dans la gynécologie contemporaine. Gyn. obst., Par., 1929, 14: 257-70.—Guthmann, H. Statistische Arbeiten aus dem Gebiete der Gynäkologie. In Med. meteor. Statist. (Konf. med. naturwiss. Zusammenarb.) Berl., 1936, 171-96.—Hirsch, M. Frauenheilkunde im Geiste des Hippokrates. Hippokrates, Stuttg., 1928, 1: 112-8.—Horner, S. Zur gynäkologischen Statistik. Wien. med. Wschr., 1937, 87: 182-4.—Hunner, G. L. Conservative gynecology. South. M. J., 1930, 23: 729-37.—Lazarev, P. P. [Application of the present knowledge of adaptation in obstetrics and gynecology]. Akush. gin., 1937, No. 4, 3-19.—Muller, M. L. [Conservatism in gynecology]. Ned. tsschr. geneesk., 1937, 81: 3418-24.—Petit-Dutaillis, P. Quelques interventions et considérations de gynécologie conservatrice. Gynécologie, 1926, 25: 385-97.—Pou-Orfila, J. El espíritu experimental en la ginecología moderna. An. Fac. med., Montev., 1938, 23: 241-55, 2 pl.—Siebke, H. Biologisches Denken in der Frauenheilkunde. Med. Welt, 1934, 8: 1299-301.—Weibel, W. Konservatismus und Radikalismus in der Frauenheilkunde. Med. Klin., Berl., 1929, 25: 291-4.—Weir, W. H. Conservatism in gynecology. J. Med., Cincin., 1940-41, 21: 54-63.
- **Nursing.**
- BERKELEY, C. Gynecology for nurses and gynaecological nursing. 4. ed. 364p. 12°. Lond. Also 7. ed. 459p. 1937.
- CROSSEN, H. S. Gynecology for nurses. 281p. 8°. S. Louis, 1927.
- & CROSSEN, R. J. Gynecology for nurses. 2. ed. 316p. 8°. S. Louis, 1936.
- GELLHORN, G. Gynecology for nurses. 275p. 8°. Phila., 1930. Also 2. ed. 294p. 1933.
- GRATION, H. M. Aids to gynaecological nursing. 160p. 17cm. Lond., 1939.
- HERB, F. Female diseases, their prevention and cure; a popular-scientific treatise of all diseases peculiar to women, with full directions for self-treatment. 286p. 8°. Superior, Wis., 1896.
- MACFARLANE, C. A reference hand-book of gynecology for nurses. 5. ed. 170p. 16°. Phila., 1927. Also 6. ed. 175p. 1934.
- REEL, P. J. Textbook of gynecology for nurses. 282p. 8°. Phila., 1932.
- ROSENFELD, S. S. Gynecology and urology for nurses. 230p. 8°. N. Y., 1931.
- Kelly, J. Some psychological aspects of gynecological nursing. Am. J. Nurs., 1938, 38: 470-2.
- **operative.**
- DOUAY, A. *Chirurgie conservatrice en gynécologie. 212p. 8°. Par., 1938.
- RELIER, P. J. *Chirurgie conservatrice en gynécologie. 132p. 8°. Par., 1936.
- Amline, A. Des interventions à tiède en gynécologie. J. méd. chir. Par., 1938, 109: 365-8.—Bell, A. C. Minor gynaecological surgery. Practitioner, Lond., 1936, 136: 445-53.—Bonney, V. Conservative gynaecological surgery. S. Afr. M. J., 1938, 12: 113-7.—Bourne, A. The place of surgery in gynaecology. Practitioner, Lond., 1932, 129: 336.—Brouet, L. Les opérations conservatrices en gynécologie. Progr. méd., Par., 1933, 194-201.—Cooke, W. R. Further observations on the reduction of postoperative mortality in gynecic laparotomies. Texas J. M., 1933, 28: 758-61.—Cotte, G. La part des progrès de la chirurgie opératoire et de la biologie dans l'évolution de la chirurgie et, en particulier, de la gynécologie. Rev. fr. gyn. obst., 1938, 33: 449-70.—Counseller, V. S., & Mayo, C. W. Conservatism in gynecology. Surg. Clin. N. America, 1935, 15: 1115-8.—Desmarest, Chirurgie conservatrice en gynécologie. Liège méd., 1939, 32: 717-24.—Douglas, G. F. Gynecological surgery; radical or conservative? Virginia M. Month., 1925-26, 52: 731-4.—The surgical aspect in gynecology. Ibid., 1926-27, 53: 519-23.—Fekete, S. [Results of 3500 gynecological operations]. Orvosképzés, 1932, 22: Nov. Különl., 63-75.—Fuchs, H. Erhaltung und Wiederherstellung wichtiger Genitalfunktionen in der Frauenheilkunde. Med. Welt, 1935, 9: 525-8.—Galletty, A. Gynaecological emergencies. Practitioner, Lond., 1938, 140: 452-60.—Geisendorff, W. Quelques résultats éloignés de la chirurgie conservatrice en gynécologie. Rev. fr. gyn. obst., 1939, 34: 499-511.—Gomes, K. Possibilidades atuais da cirurgia conservadora em ginecologia. Med. contemp., Lisb., 1937, 55: 399-402.—Gómez de Rosas, N. La cirugía conservadora ginecológica. Rev. med. cir. Habana, 1937, 42: 147-58.—Green-Armytage, V. B. Major surgical regrets in gynaecology and obstetrics. Clin. J., Lond., 1934, 63: 89-95.—Guitarte, A. La cirugía del dolor en ginecología. Rev. cir., B. Air., 1933, 12: 16-45.—Liepmann, W. Operationskunst und Film. Zbl. Gyn., 1929, 53: 2227-9.—Magid, M. O. Some phases of gynecology of interest to the general surgeon. J. Internat. Coll. Surgeons, 1940, 3: 369-79.—Matos, S. O. A cirurgia ginecológica. Ann. paul. med. cir., 1938, 36: 359-76.—Mayer, A. Konservatives Operieren unter Schonung der Fortpflanzungsfähigkeit. Arch. Gyn., Berl., 1938, 166: 324-6 [Discussion] 345-7.—Morse, A. H. Gynecological problems of interest to the surgeon in general practice. N. England J. M., 1935, 212: 90-5.—Richards, F. Five hundred consecutive major operative gynecologic and obstetric cases. J. Florida M. Ass., 1939-40, 26: 72-6.—Sánchez Becerra, H. Algunas consideraciones acerca de las intervenciones conservadoras en ginecología. Gac. méd. Caracas, 1930, 37: 2-5.—Scipiadés, E. [Internal surgery in gynecology]. Gyógyászat, 1929, 68: 361; 381.—Selheim, H. Gelegenheitsoperation. Zbl. Gyn., 1930, 54: 837-42.—Shaw, W. Common

gynaecological emergencies. Practitioner, Lond., 1933, 130: 350-60.—**Torre Blanco, J.** Algunos comentarios sobre la cirugía ginecológica conservadora. Arch. med., Madr., 1925, 19: 12-23.—**Zondek, B.** Conservative gynecologic surgery. Harefuah, Tel Aviv, 1938, 15: No. 5-6, p. i-iii.

— operative: Complication.

BECK, W. *Operative Gesamtletalität an der Universitäts-Frauenklinik vom 15. Juni 1923 mit 31. Dezember 1927. 29p. 8°. Würzb., 1935.

KIESER, W. *Operative Gesamtletalität an der Universitäts-Frauenklinik in den Jahren 1928 mit 1931. 40p. 8°. Würzb., 1934.

KIRMSE, J. *Schwer stillbare Blutungen bei abdominalen und vaginalen gynäkologischen Operationen und ihre Behandlung [Leipzig] 22p. 8°. [Zeulenroda, 1930]

NEUGRÖSCHL, E. J. *Thrombosen und Embolien nach gynäkologischen Operationen (Von 1916-1923 [Juni]) [Würzburg] 24p. 8°. Kassa, 1927.

VÖLKER, P. *Thrombosen und Embolien nach gynäkologischen Operationen (vom 1. 6. 1923 bis 31. 12. 1929) 76p. 8°. Würzb., 1931.

CUZZA, T. Sur la bactériémie postopératoire dans les laparotomies gynécologiques. Boll. Sez. ital. Soc. internaz. microb., 1929, 1: 90. Also Riv. ital. gin., 1929-30, 9: 429-40.—**Dorsett, E. L.** Reoperation analysis of 125 gynecologic cases. Surgery, 1941, 9: 139.—**Furber, R. I.** Some bad results of gynecological operations. Med. J. Australia, 1927, 1: 115-8. Also Med. Brief, 1927, 55: 182-6.—**Glas, R.** Ueber klimakterische Beschwerden nach gynäkologischen Operationen. Mschr. Geburtsh. Gyn., 1932, 92: 409-21.—**Greenhill, J. P.** A study of the deaths following 6,022 gynecologic operations. Am. J. Obst., 1932, 24: 183.—**Hershan, O.** Ueber den Einfluss gynäkologischer Operationen auf das Sexualleben der Frau und des Mannes. Zschr. Sexwiss., 1928-29, 15: 265-8.—**Holzbach, E.** Störungen nach gynäkologischen Operationen und ihre Behandlung. Deut. med. Wschr., 1935, 61: 2000.—**Kaiser, K.** Spätheiszenzen alter Bauchnarben. Mschr. Geburtsh. Gyn., 1929, 82: 322-4.—**Mazhbits, A. M.** [Injuries of the bladder in gynecological operations] J. akush., 1933, 44: 47-54.—**Moreno Saucedo, J.** El fracaso de algunas intervenciones ginecológicas. Rev. cir. Hosp. Juárez, Méx., 1935, 6: 497-500.—**Müller, W.** Ueber Lungenembolien nach gynäkologischen Operationen. Mschr. Geburtsh. Gyn., 1933, 95: 153-61.—**Salvini, A.** Azotemia, polipeptidemia e clemoria dopo operazioni ginecologiche. Ginecologia, Tor., 1936, 2: 121-52.—**Sanders, J. T., & Sellers, T. B.** Some important factors that influence morbidity and mortality in gynecological surgery; based on a review of 1,000 consecutive private cases. South. M. J., 1936, 29: 557-64.—**Sanger, F. M.** Venous thrombosis, pulmonary infarctions and embolism as a sequence of gynecological operations. J. Oklahoma M. Ass., 1921, 14: 327-33.—**Scaglione, E.** L'embolia polmonare post-operatoria nel campo ginecologico. Riv. ital. gin., 1926-27, 5: 577-610.—**Scaglione, S.** Considerazioni sulle deiscenze post-laparotomiche. Ibid., 1929-30, 9: 348-68.—**Schub, R. L.** Ueber die Sterblichkeit bei operativer Behandlung gynäkologischer Erkrankungen (Krebs, Fibromyom und extrauterine Schwangerschaft) Zbl. Gyn., 1937, 61: 405-12.—**Schwartzman, E. M.** [Thrombosis and embolus after gynecological operations] Klin. med., Moskva, 1926, 4: 339-43.—**Shub, R. L.** [Mortality in operative treatment of gynecological diseases] Akush. gin., 1937, No. 4, 54-7.—**Stajano, C.** Complicaciones del post operatorio. Rev. méd. lat. amer., B. Air., 1928-29, 14: 467-76.—**Steiner, P.** Todesfälle nach gynäkologischen Operationen. Mschr. Geburtsh. Gyn., 1937, 106: 33-53.—**Teumin, S. O.** [Complications in gynecological operations and rôle of the parasympathetic system] J. akush., 1931, 42: 502-12.—**Wood, P. H.** Intestinal obstruction following gynecological operations. South. M. J., 1934, 27: 30-3.—**Zoefgen, W.** Zur Frage der gynäkologischen postoperativen Bauchdeckenemphyseme. Mschr. Geburtsh. Gyn., 1926, 73: 201-13.

— operative: Manual.

BERKELEY, C., & BONNEY, V. A textbook of gynaecological surgery. 3. ed. 863p. 8°. Lond., 1935.

BUMM, E. Operative Gynäkologie. 1. Allgemeiner Teil. 204p. 4°. Münch., 1926.

CAMERON, J. L. Gynaecological operations. p.2361-572. 8°. N. Y., 1936.

In Post-grad. Surg. (Maingot, R.) 2:

— Regional gynaecology. p.2193-360. 8°. N. Y., 1936.

In Post-grad. Surg. (Maingot, R.) 1936, 2:

CROSSEN, H. S., & CROSSEN, R. J. Operative gynecology. 4. ed. 1078p. 8°. S. Louis, 1930. Also 5. ed. 1076p. 1938.

DÖDERLEIN, A. S. G. Döderlein-Krönig operative Gynäkologie. 4. Aufl. 1028p. 4°. Lpz., 1921. Also 5. Aufl. 1067p. 1924.

FRANZ, K. Gynäkologische Operationen. 279p. 4°. Berl., 1925.

GILES, A. E. Gynaecological operations. p.571-649. 8°. Lond., 1934.

In Mod. oper. surg. (Turner, G. G.) Lond., 1934, 2:

HALBAN, J. Gynäkologische Operationslehre. 448p. 8°. Berl., 1932.

HARTMANN, H. A. C. A. Gynécologie opératoire. 2. éd. 585p. 8°. Par., 1933.

HOWE, A. J. Operative gynaecology. 336p. 8°. Cincin., 1890.

LIEPMANN, W. Der gynäkologische Operationskursus. 3. Aufl. 488p. 4°. Berl., 1920. Also 4. Aufl. 475p. 1924.

— Atlas der Operations-Anatomie und Operations-Pathologie der weiblichen Sexualorgane. 2. Aufl. 176p. fol. Berl., 1924.

MARTIUS, H. Die gynäkologischen Operationen und ihre topographisch-anatomischen Grundlagen. 396p. 8°. Lpz., 1937.

— The same. Gynecologic operations and their topographic-anatomic fundamentals. Engl. transl. 486p. 26 $\frac{1}{2}$ cm. Chic., 1939.

PEHAM, H., & AMREICH, J. Gynäkologische Operationslehre. 766p. 4°. Berl., 1930.

— The same. Operative gynecology. Authorized transl. by L. K. Ferguson. 2v. 779p. paged consec. 4°. Phila. [1934]

TOUPET, R. Gynécologie. p.243-510. 8°. Par., 1932.

WEIBEL, W. Die gynäkologische Operations-technik der Schule Ernst Wertheim. 251p. 4°. Berl., 1923.

— operative: Method.

See also Abdomen, Surgery—in women; Anesthetization, gynecological.

MATTOS, O. *A drenagem em gynecologia (Cadeira de gynecologia) 55p. 8°. S. Paulo, 1929.

MINDLIN, A. H. *Die vom 1. 9. 1922 bis 1. 1. 1926 an der Universitäts-Frauenklinik Leipzig vorgenommenen zerstörenden Operationen und ihre Resultate [Leipzig] 36p. 8°. [Zeulenroda] 1926.

Amreich, I. Die Bedeutung der Antisepsis für Geburtshilfe und Gynäkologie. Wien. klin. Wschr., 1936, 49: 833-7.—**Aragón, E. R. de.** Ventajas de la anestesia local por infiltración en las intervenciones ginecológicas por vía vaginal. An. Acad. cienc. méd. Habana, 1938-39, 75: 513-7.—**Bell, W. B.** The technique of the closure of laparotomy incisions. J. Obst. Gyn. Brit. Empire, 1926, 33: 300-12. — Remarks on conservative gynaecological surgery. Brit. M. J., 1931, 1: 653-8.—**Boland, B. F.** Electrosurgery in gynecology. Med. Rec., N. Y., 1935, 142: 375-7.—**Braun, P.** Zur Technik der vaginalen Inzision. Mschr. Geburtsh. Gyn., 1926, 75: 261.—**Bubis, J. L.** Puerperal gynecology, including gynoplastic repairs of old lacerations, primary cystocele, and uterine fixation at or shortly after childbirth. Am. J. Surg., 1932, n. ser., 17: 194-205. Also repr.—**Cadenat, F. M., & Patel, M.** Le drainage en chirurgie gynécologique. Gynécologie, 1927, 26: 641-58.—**Calmann, A.** Vaginal operieren. Zbl. Gyn., 1930, 54: 353-5.—**Cotte, G.** Traitement chirurgical de la douleur en gynécologie. Rev. gén. clin. théor., 1933, 47: Suppl., 1756.—**Davis, A. A.** Neuro-surgery in the relief of gynaecological pain. Postgrad. M. J., Lond., 1936, 12: 59-61.—**Douay, E.** La chirurgie conservatrice en gynécologie, l'autogreffe ovarienne constitue l'ultime ressource de la chirurgie conservatrice. Gyn. obst., Par., 1939, 39: 355-63.—**Dougal, D.** A ring tetra for use in abdominal operations. J. Obst. Gyn. Brit. Empire, 1926, 33: 444, pl.—**Feldweg, P.** Ueber Hochfrequenzkaustik in der Gynäkologie. Zbl. Gyn., 1929, 53: 140-2.—**Fowler, R.** Gynecological electro-surgery with high frequency currents. J. Coll. Surgeons Australasia, 1930, 3: 75-103, 3 pl.—**Fraenkel, L.** Abdominale und vaginale Operationsmethoden in der Geburtshilfe und Gynäkologie. Mschr. Geburtsh. Gyn., 1929, 82:

- 79-92.—**Franken**. Zur Frage der Narkosewahl. Arch. Gyn., Berl., 1927, 132: 103 [Discussion] 108-15.—**Frighesi, J.** Drainage nach Art eines Sicherheitsventiles bei gynäkologischen Laparotomien. Zbl. Gyn., 1928, 52: 3255-64.
- Fünfzehn Jahre Lokalanästhesie bei sämtlichen gynäkologischen Operationen. Arch. Gyn., Berl., 1929, 137: 908-16 [Discussion] 929-36.—**Gardner, G. H.** Minor surgery in gynecology, some of the sequelae of endocervicitis. Surg. Clin. N. America, 1938, 18: 161-7.—**Gorlini, C.** L'incisione di Pfannenstiel negli interventi laparotomici ostetrici e ginecologici. Ann. ostet. gin., 1932, 54: 421-56.—**Griffiths, C. B.** Bladder protection in gynecologic operations. Urol. Cut. Rev., 1927, 31: 155.—**Heim, K.** Zur Frage der Gewebsverimpfung bei gynäkologischen Operationen. Zbl. Gyn., 1938, 62: 592-4.—**Hurd, R. A.** Observations and conclusions on plastic operations in gynecology. Am. J. Obst., 1930, 19: 633-40 [Discussion] 692-5.—**Hustin**. A propos de l'incision de Pfannenstiel en gynécologie. Bull. Acad. méd. Belgique, 1930, 5. ser., 10: 254-73.—**Janota, J.** [Contribution to Dührsen's vaginal section] Cas. lék. česk., 1929, 68: 745-7.—**Jayle, F.** Rayons et bistouri en gynécologie. P. verb. Congr. fr. chir., 1922, 31: 897-914.—**Latzko, W.** Unsere Erfahrungen mit der Rectusnaht bei median angelegten Laparotomieschnitten (nebst Bemerkungen zur Operation der Rectusdiastasen, der Nabel- und der postoperativen Bauchhernien) Zbl. Gyn., 1930, 54: 1410-4.
- **Schmerzbetäubung in der Gynäkologie**. Wien. klin. Wschr., 1931, 44: 1361-8.—**Logothetopoulos, K.** Eine absolut sichere Blutstillungsmethode bei vaginalen und abdominalen gynäkologischen Operationen. Zbl. Gyn., 1926, 50: 3202-4.—**Mansfield, O. P.** Der subkutane hohe Fascienquerschnitt. Ibid., 1701-5.—**Mayer, C.** L'anesthésie en chirurgie gynécologique. Bruxelles méd., 1938-39, 19: 780-5.—**Mazylis** [Modern modifications in gynecological surgery] Medicina, Kaunas, 1929, 10: 689-97.—**Molinengo, L.** Sulle basi fisiopatologiche della chirurgia del dolore in ginecologia, tentativi di cura delle algie ginecologiche colla alcoolizzazione subaracnoidea delle radici spinali. Monit. ostet. gin., 1933, 5: 166-204.—**Montuoro, F.** L'operazione del Santi. Riv. ostet. gin., 1937, 19: 371-6.—**Noble, T. B., jr.** The use of the McBurney incision in gynecological surgery. J. Indiana M. Ass., 1932, 25: 489-93.—**Paredes P., S.** Mi experiencia sobre el drenaje de Mikulicz. Mem. Congr. méd. centroamer., 1934, 2. Congr., 248-51.—**Pfeilsticker, W.** Vaginales Operieren. Zbl. Gyn., 1926, 50: 1331-6.—**Ponjoan, A.** Cirugía conservadora en ginecología. Ars medica, Barcel., 1928, 4: 358-70.—**Popoviciu, T., & Căprioara, D.** [Importance of Mikulicz' drainage in gynecological surgery] Cluj. med., 1933, 14: 136-8.—**Rojas Avendaño, O.** Técnica anestésica en 200 operaciones ginecológicas. Cir. ciruján., Méx., 1934, 2: 241-4, pl.—**Rules** for operations at the Clinic for Obstetrics and Gynecology of the University of Florence. Internat. Clin., 1927, 37. ser., 2: 191-4.—**Sæthof, C. C.** Ureteral catheterization as an aid in gynecologic surgery. Illinois M. J., 1934, 65: 457.—**Spirito, F.** Zaffo addominale o zaffo vaginale in ginecologia operativa? Athena, Roma, 1938, 7: 199-205.—**Strassmann, P.** Some modern gynecological operations. Proc. Mayo Clin., 1928, 3: 2-4.—**Timofeev, A.** Lokale Anästhesie bei gynäkologischen Laparotomien (vorläufige Mitteilung) Zbl. Gyn., 1928, 52: 2116-9.—**Torre Blanco, J., García Guerta & Campuzano.** Técnica quirúrgica por vía vaginal. Rev. méd. Barcelona, 1928, 10: 253-6.—**Velde, T. H. van de.** Die Laparotomie durch Stufenquerschnitt. Zbl. Gyn., 1926, 50: 2633-6.—**Vignes, H.** Au cours des opérations gynécologiques il faut s'appliquer à conserver l'ovaire et la fonction menstruelle. Bull. gén. théor., 1932, 183: 97-107.—**Vilaplana, E.** El drenaje postlaparotómico en ginecología. Siglo méd., 1925, 75: 632.—**Wade, H.** The operation of vesical exclusion as an aid to gynecological treatment. T. Edinburgh Obst. Soc., 1931, 51: 98-108.—**Weibel, W.** Ueber Drainage bei gynäkologischen Operationen. Wien. med. Wschr., 1926, 76: 959-61.
- Clin. N. America, 1928, 8: 1315-20.—**Carrington, W. J.** Pre-operative treatment in gynecology. J. M. Soc. N. Jersey, 1933, 30: 854-8.—**Chalier, A.** Le lever précoce après les interventions gynécologiques. Monde méd., 1933, 43: 36-9. Also Bull. Soc. nat. chir., Par., 1934, 60: 486-8.—**Cirio, C. R., & Murray, E. G.** Cirugía conservadora en ginecología; indicaciones y resultados. Prensa méd. argent., 1934, 21: 2078-87.—**Clairmont.** Gegenanzeigen bei nichtdringlichen Operationen. Zbl. Gyn., 1936, 60: 1414-9.—**Colaneri, X.** Préparation des malades à l'opération gynécologique. J. méd. Par., 1933, 53: 34-6. Also Rev. fr. gyn. obst., 1933, 28: Suppl., 599-608.—**Cotte, G.** Le lever précoce dans la chirurgie gynécologique. Bull. Soc. nat. chir., Par., 1934, 60: 358-65.—**Daniel, C.** La préparation des malades aux opérations abdominales gynécologiques. P. verb. Congr. fr. chir., 1930, 39: 250-8.—**Dannreuther, W. T.** The preoperative responsibilities of the gynecologist. Am. J. Obst., 1926, 12: 260-5.—**Defendi, S.** Sulle variazioni della polipeptidemia dopo operazioni ginecologiche. Fol. demogr. gyn., Genova, 1938, 35: 713-36, 2 ch.—**Dietel, H.** Die Vorbereitung zu gynäkologischen Operationen. Arch. Gyn., Berl., 1939, 168: 497-508.—**Farrar, L. K. P.** Resuscitation in the operating room. Rep. Surg. Staff Woman Hosp. State N. York, 1925-28, 6: 143.—**Periz, H., & Avers, M. J.** [Borderline cases of surgery and gynecology] Ned. tscr. geneesk., 1928, 72: 806-11, pl.—**Frighesi, J.** [Indications of surgery in gynecological diseases] Orv. hetil., 1935, 79: 459-64.—**Gaessler.** Stoffwechseluntersuchungen zur Frage der Operationsgefährdung in der Gynäkologie. Arch. Gyn., Berl., 1930-31, 144: 421-3 [Discussion] 424-31.—**Gardner, G. H.** Preoperative and postoperative management in gynecology. Arch. Surg., 1940, 40: 1164-75.—**Geisendorf, W.** Ueber Beziehungen zwischen Vitamin C und gynäkologischen Operationen. Zbl. Gyn., 1938, 62: 1682-8.—**Gurtova, L. E., Moshkov, B. N.** [et al.] [Tests in determination of working capacity in women after gynecological operations] J. akush., 1934, 45: 74-83.—**Halsted, H.** Ante- and post-operative care in gynecology. Tr. Am. Ther. Soc., 1938, 38: 65-7.—**Hannes, W.** Einiges über Indikationsstellung und Operationsweg in der Gynäkologie. Klin. Wschr., 1930, 9: 351-6.—**Hatvany, M.** [Value of Kauffmann's test in gynecology] Budapesti orv. ujs., 1935, 33: 712.—**Heckscher, S.** Der Kauffmannsche Diureseversuch und seine Bedeutung für die operative Tätigkeit des Gynäkologen. Mschr. Geburtsh. Gyn., 1929, 82: 317-22.—**Hoeven, H. van der** [Certain indications for gynecological operations] Ned. tscr. geneesk., 1935, 79: 4872-8.—**Horaguchi, S.** Blutbild während, vor und nach gynäkologischer Operation. Nippon fujinkagakkai zasshi, 1933, 28: Nos. 1-7, 15-7.—**Kodama, T.** Ueber das Serumweißbild und die Erythrozytensenkungsgeschwindigkeit nach der gynäkologischen Operation. Ibid., 1935, 30: 57.
- Klinische Untersuchung über die Acidose nach der gynäkologischen Operation. Ibid., 58.—**Küstner, H., & Siedentopf, H.** Die Bedeutung des Kauffmannschen Versuchs für die operative Gynäkologie. Zschr. Geburtsh. Gyn., 1928, 94: 361-71.—**Lancaster, H. E.** Preoperative and postoperative treatment in gynecologic patients. Texas J. M., 1935-36, 31: 507-11.—**Leni, E.** Sul valore della prova di Kauffmann in ostetricia e ginecologia. Rass. ostet., 1931, 40: 267-91.—**Lüttge, W.** Reinfusion oder spontane Resorption des Blutes bei abdominalen Blutungen? Zbl. Gyn., 1928, 52: 1247-50.—**Maurizio, E., & Nardelli, E.** Ricerche ed osservazioni sul valore della riserva alcalina, glicemia ed azotemia per la prognosi delle operazioni ginecologiche. Boll. Soc. ital. biol. sper., 1934, 9: 51-4.—**Montgomery, J. B.** The selection of gynecologic patients for operation: their preparation and post-operative care. Surg. Clin. N. America, 1936, 16: 421-36.—**Nakayama, E.** Hämatologische und biochemische Untersuchungen über das Blut bei den Erkrankungen im gynäkologischen Gebiet und klinische und experimentelle Studien über die Veränderungen des Blutes nach der Laparotomie. Nippon fujinkagakkai zasshi, 1932, 27: Nos. 7-12, 9: 45.—**Perera Castillo, F.** Acerca de los cuidados pre-operatorios en las enfermas ginecológicas. Cir. ciruján., Méx., 1938, 6: 369-78.—**Peterson, R.** Estimation of obstetric and gynecologic risks. J. Am. M. Ass., 1929, 92: 1907-11.—**Petit, R.** Les opérations conservatrices en gynécologie. Bull. Soc. chir. Paris, 1933, 25: 656-9.—**Pribram, E.** Zur kulturellen Virulenzprüfung von Cervix- und Scheidenkeimen und ihre Bedeutung für die postoperative Morbidität und Mortalität. Zbl. Gyn., 1926, 50: 137-9.—**Reichert, O.** Gynäkologische Operationen bei alten Leuten; Vor- und Nachbehandlung. Wien. med. Wschr., 1937, 87: 119-21.—**Rupp, H.** Lebererkrankungen, uropoetisches System und Nierenerkrankungen in ihren Beziehungen zur Geburtshilfe und Gynäkologie. Mschr. Geburtsh. Gyn., 1933, 94: 289-300.—**Scheffey, L. C.** The rôle of the positive Wassermann reaction in gynecologic surgery. J. Am. M. Ass., 1931, 96: 261-6.—**Schmid, H. H., & Pohl, R.** Herzfunktionsprüfung durch den Kauffmann'schen Diureseversuch vor gynäkologischen Operationen. Zbl. Gyn., 1928, 52: 311-6.—**Simeonoff, K., & Rheindorf, G.** Interne Prognosestellung von gynäkologischen Operationen. Zschr. Geburtsh. Gyn., 1933, 106: 1-11.—**Stéfani, P.** Préparation à l'opération dans les maladies hémorragiques (fibromes et cancers utérins) P. verb. Congr. fr. chir., 1930, 39: 302-4.—**Vian, G.** Iperazotemie e ipocloremie post-operative in chirurgia ginecologica. Riv. ital. gin., 1935-36, 18: 558-89.—**Welton, T. S., & Glass, M.** Pre- and postoperative gynecological care. Am. J. Surg., 1936, 33: 581-6.—**Wille, F. C.** Die Behandlung der Harnblase nach gynäkologischen Opera-

operative: Pre-, and postoperative care.

BLUME, C. *Untersuchungen des Harnsediments nach gynäkologischen Operationen [Freiburg] 19p. 8° Quakenbrück [1931]

FRÖHLICH, W. *Ueber den postoperativen Verlauf nach gynäkologischen Operationen, mit vorheriger bakteriologischer Sicherung gegen endogene Infektionen. p.738-72. 8°. Zür., 1932.

Also Arch. Gyn., Berl., 1932, 148:

Abel, K. Zur diätetischen und medikamentösen Vor- und Nachbehandlung gynäkologischer Operationen mit Eröffnung der Bauchhöhle. Arch. Verdauungskr., 1928, 42: 425-30.

— **Pandigal** und der Kauffmann'sche Diureseversuch vor grossen gynäkologischen, besonders Myomoperationen. Zbl. Gyn., 1932, 56: 1823-5.—**Bertner, E. W.** Postoperative care of gynecological cases. Texas J. M., 1925-26, 21: 426.—**Bogajewski, Z.** [Stimulating effect of coramin Ciba on the myocardium before gynecological operations] Nowiny lek., 1939, 51: 22-4.—**Bottaro, O. L.** Ante una indicazione operatoria, el valor de la oportunidad. Sem. méd., B. Air., 1927, 34: pt 2, 215-9.—**Braude, J. L., & Schwartzmann, E. M.** [Blood transfusions before gynecological operations in cases of anemia caused by repeated hemorrhages] Klin. med., Moskva, 1928, 6: 1114-20.—**Burger, T. O.** The poor gynecologic risk. Surg.

tionen. Chirurg, 1928-29, 1: 877-80.—Wolff, P. M. Surgical or non-surgical treatment in women's diseases. Dallas M. J., 1939, 25: 117-9.

— Pathology, and pathogenesis.

See also in 3. ser. Women, Disease.

COTTE, G. Les troubles fonctionnels de l'appareil génital de la femme; étude physiologique, clinique et thérapeutique. 2. éd. 798p. 8° Par., 1931.

DOUGLAS, M., & FAULKNER, R. Essentials of obstetrical and gynecological pathology with clinical correlations. 187p. 8° Lond., 1938.

FALK, H. C. Practical clinical gynecology. 393p. 8° N. Y., 1938.

FRANQUÉ, O. V., HINSELMANN, H. [et al.] Anatomie und Diagnostik der Carcinome, der Bindegewebsgeschwülste und Mischgeschwülste des Uterus, der Blasenmole und des Chorion-epithelioma malignum. 1167p. 8° Münch., 1930.

FREUND, R., HEYNEMANN, T., & LINZENMEIER, G. Bauchfellentzündung; Genitaltuberkulose; Krankheiten des Beckenbindegewebes. 761p. 8° Münch., 1933.

HERTZLER, A. E. Surgical pathology of the female generative organs. 346p. 8° Phila. [1932]

HOBBS, J. E. A manual of obstetrical and gynecological pathology, primarily for students. 186p. 23½cm. S. Louis, 1936.

KEHRER, E., & JASCHKE, R. T. v. Die Vulva und ihre Erkrankungen; Lage- und Bewegungsanomalien des weiblichen Genitalapparates. 1041p. 8° Münch., 1929.

KRAUS, E. J. Nebennieren, Schilddrüse, Epithelkörperchen, Thymus, Zirbeldrüse und Inselapparat in ihren Beziehungen zur Frauenheilkunde. p.580-964. 8° Münch., 1936.

In Handb. Gyn. (J. Veit & W. Stöckel) 3. Aufl. Münch. 1936, 9:

LOCH, O. *Welche gynäkologischen Erkrankungen sind die wichtigsten für die Tätigkeit des praktischen Arztes? [Leipzig] 14p. 8° Zeulenroda i. Thür., 1933.

MAYER, A. Die Bedeutung der Konstitution für die Frauenheilkunde. p.279-857. 8° Münch., 1927.

PAPATHEOPHILOU, C. *Die in der Frauenpoliklinik der Charité im Jahre 1912, behandelten gynäkologischen Erkrankungen und die Beziehungen der einzelnen Affektionen zum Alter und zu Partus und Abortus. 25p. 8° Berl., 1915.

PETIT-DUTAILLIS, P. Le facteur endocrine en physiologie gynécologique. 119p. 8° Par., 1926.

— Troubles fonctionnels et dystrophies à l'état chronique en gynécologie; exposé pratique de physio-pathologie et de traitement conservateur de l'appareil sexuel de la femme et de sa fonction, dans leurs rapports avec la physio-pathologie et la thérapeutique générales. 464p. 8° Par., 1928.

PITOW, H. *Konstitution und Frauenkrankheiten [Königsberg] 48p. 23cm. Berl., 1926.

TEACHER, J. H. A manual of obstetrical and gynecological pathology. 407p. 8° Lond., 1935.

WITHERSPOON, J. T. Clinical pathological gynecology. 400p. 24cm. Phila., 1939.

Batizfalvy, J. [Working women and gynecological disease] Orvosképzés, 1939, 29: 15-29.—Bolaffio, M. Morbilità ginecologica in Provincia di Cagliari. Atti Soc. ital. ostet., 1927, 26: 360-4.—Bourne, A. Influences which undermine the health of women. J. R. Inst. Pub. Health, 1937-38, 1: 705-11.—Essen-Möller, E. [Observations on diseases of women] Sven. läk. tidn., 1935, 32: 834-43.—Fekete, S. [Gynecological diseases in

elderly patients] Orv. hetil., 1937, 81: mell. 77.—Frommolt, G. Die Bedeutung der Vererbung in der Frauenheilkunde. Fortsch. Erbp., 1937-38, 1: 110-20.—Gellhorn, G. The constitutional factor in gynecology and obstetrics. Am. J. Obst., 1932, 24: 481-9. Also Tr. Am. Gyn. Soc., 1933, 57: 1-17.—Gläsmér, E. Ueber die Notwendigkeit einer Neuorientierung der endokrinologischen Symptomatologie, zugleich ein Beitrag zur Konstitutionstherapie des Weibes. Zschr. Geburtsh. Gyn., 1930, 98: 105-23.—Greil, A. Allgemeine Betrachtungen über das Wesen und die Entstehung der Konstitution mit besonderer Berücksichtigung der kranken Frau. Ber. ges. Gyn., 1923-24, 2: 81-103.—Hahn, B. Die Psychogenese gynäkologisch-sexueller Symptome und deren psychotherapeutische Behandlung. Fortsch. Med., 1926, 44: 676-9.—Hajinsky, P. N. [Relations between infectious diseases and reproductive functions in women] Vrach. delo, 1928, 9: 1799-801.—Hofstätter, R. Konstitution und Gynäkologie. Wien. med. Wschr., 1930, 80: 397: 439.—Hüssy, P. Gynäkologie und Unfall. Praxis, Bern, 1938, 27: 597-601.—Ikeda, M. Physicochemical change of the blood in gynecological diseases, experimental study on the changes of the blood in gynecological diseases. Jap. J. Obst. Gyn., 1933, 16: 542-4.—Jackson, J. A. & Ashenhurst, I. Gynecological findings in mental patients. Med. J. & Rec., 1928, 128: 409-11.—Jones, M. Gynecological conditions frequently met in practice. College J., Kansas City, 1938, 22: 176-81.—Klotz, R. Weniger bekannte Formen innersekretorischer Störung in der Gynäkologie und ihren Grenzgebieten; ein Beitrag zur Entstehung der Vagusneurosen. Med. Welt, 1928, 2: 640-3.—Lahn, W. Innersekretorische Fragen in der Gynäkologie. Zschr. ärztl. Fortbild., 1926, 23: 273-81.—Landeker, A. Die Beziehung zwischen Frauenleiden und Stoffwechselstörungen, insbesondere Gelenkerkrankungen. Zschr. wiss. Bäderk., 1927-28, 2: 440-6.—Liebhart, S. [Pluri-glandular diseases in gynecology] Polska gaz. lek., 1931, 10: 870.—Lipschütz, A. El tiempo como factor patógeno en la ginecología experimental. An. Fac. med., Montev., 1940, 25: 651, No. especial, 133.—Lorenzola, L. Le affezioni ginecologiche nell'età avanzata. Ann. ostet. gin., 1937, 59: 723-65.—Mathias, E. Bemerkenswerte Fälle aus der histologisch-gynäkologischen Praxis. Mschr. Geburtsh. Gyn., 1930, 86: 218-27.—Mayer, A. Zur Konstitutionsfrage in der Frauenheilkunde. Arch. Gyn., Berl., 1922, 117: 133. Ueber die Bedeutung der Konstitution in der Geburtshilfe und Gynäkologie. Münch. med. Wschr., 1922, 69: 1718-21.—Miller, C. J. A comparative study of certain gynecologic and obstetric conditions as exhibited in the colored and white races. Tr. Am. Gyn. Soc., 1928, 53: 91-106. Gynecologic pathology. Proc. Interst. Postgrad. M. Ass. N. America (1928) 1929, 1-5.—Murray, P. M. Gynecological morbidity and mortality. N. York State J. M., 1938, 38: 361-4.—Péit-Dutailis, P. Les troubles cryptogoniques en gynécologie. Rev. gén. clin. thér., 1926, 40: 596; 613.—Pilgram, R. E. Endocrines as they pertain in gynecology and obstetrics. Hahnemann. Month., 1931, 66: 428-35.—Robles, C. Consideraciones acerca de las alteraciones estáticas de los órganos genitales femeninos y su tratamiento. Rev. cir. Hosp. Juárez, Méx., 1934, 5: 249-77.—Rummel, H. Ueber den Einfluss von Rasse und Umwelt im Bereich der Frauenheilkunde und Geburtshilfe. Zbl. Gyn., 1929, 53: 2006-12.—Szabó, J. [Gynecological rarities] Orv. hetil., 1927, 71: 207-9.—Vargas, A. Las infecciones ginecológicas internas. Cir. ciruján, Méx., 1935, 3: 87-92.—Vereesi, C. Forme morbose ginecologiche da disfunzioni endocrine. Rass. clin. sc., 1938, 16: 445-52.—Wagner, G. A. Erbfaktoren in der Frauenheilkunde und der Geburtshilfe. Verh. Berl. med. Ges. (1934) 1935, 65: 162-74. Frauenkrankheiten und Störungen der physiologischen Funktionen der Frau unter dem Gesichtspunkt der Vererblichkeit. In Wer ist erbgut? (Klein, W.) Jena, 1935, 167-83.—Zondek, B. Polyhormonale Krankheitsbilder; funktionelle Betrachtung gynäkologischer Erkrankungen. Zbl. Gyn., 1930, 54: 1-7.

— Periodicals.

ABHANDLUNGEN AUS DER GEBURTSHÜLFE UND GYNÄKOLOGIE UND IHREN GRENZGEBIETEN; Beihfte zur Monatsschrift für Geburtshilfe und Gynäkologie. Berl., H. 1, 1927—

ACTA OBSTETRICA ET GYNECOLOGICA SCANDINAVICA. Helsin., v.2, 1923—

AKUSHERSTVO I GINEKOLOGIA. Moskva, 1937—AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY. S. Louis, v.1, 1920—

ANNAES BRASILEIROS DE GYNECOLOGIA. Rio, v.7, No. 1, 1939—

ARCHIV FÜR GYNÄKOLOGIE. Berl., v.1, 1870—ARQUIVO DE OBSTETRICA E GINECOLOGIA. Lisb., v.1, No. 1, 1933—

BERICHTE ÜBER DIE GESAMTE GYNÄKOLOGIE UND GEBURTSHÜLFE. Berl., v.1, 1923—

BULLETIN DE LA SOCIÉTÉ DE GYNÉCOLOGIE ET D'OBSTÉTRIQUE DE PARIS. Par., v.1, 1898—

FOLIA GYNAECOLOGICA. Pavia, v.1, 1908—

GEBURTSHILFE UND FRAUENHEILKUNDE. Lpz., v.1, 1939—

GINECOLOGIA. Tor., v.1, 1935—

GINEKOLOGJA POLSKA. Warszawa, v.15, 1936—

GYNECOLOGIE (La) Par., v.1, 1896—

JAPANESE JOURNAL OF OBSTETRICS AND GYNECOLOGY. Kyoto, v.10, 1927—

JOURNAL OF OBSTETRICS AND GYNAECOLOGY OF THE BRITISH EMPIRE. Manchester, England, v.1, 1902—

JOURNAL D'OBSTÉTRIQUE ET DE GYNÉCOLOGIE PRATIQUES. Par., v.2-9, 1931-38.

MAGYAR NŐORVOSOK LAPJA. Budap., v.3, No. 1, 1940—

MONATSSCHRIFT FÜR GEBURTSHÜLFE UND GYNÄKOLOGIE. Berl., v.1, 1895—

MONITORE OBSTETRICO GINECOLOGICO. Bologna, v.1, 1929—

NEDERLANDSCH TIJDSCHRIFT VOOR VERLOSKUNDE EN GYNAECOLOGIE. Haarlem, v.1, 1889—

RASSEGNA D'OBSTETRICIA E GINECOLOGIA. Nap., v.4, 1895—

REVISTA DE GYNECOLOGIA E D'OBSTETRICIA. Rio, v.23, 1929—

REVISTA ESPAÑOLA DE OBSTETRICIA Y GINECOLOGÍA. Madr., v.16, 1931—

REVISTA MÉDICO-QUIRÚRGICA DE PATOLOGÍA FEMENINA. B. Air., v.13, 1939—

REVUE FRANÇAISE DE GYNÉCOLOGIE ET D'OBSTÉTRIQUE. Par., v.14, 1919—

RIVISTA ITALIANA DI GINECOLOGIA. Bologna, v.6, 1927—

ZEITSCHRIFT FÜR GEBURTSHÜLFE UND GYNÄKOLOGIE. Stuttg., v.1, 1890—

ZENTRALBLATT FÜR GYNAEKOLOGIE. Lpz., v.27, 1903—

— Pharmacology.

GALMIER, H. *La pate glycérine-kaolin en thérapeutique gynécologique. 44p. 8° Par., 1926.

Angelino, E. L'uso delle essenze vegetali in ostetricia e ginecologia. Arte ostet., 1937, 51: 65-73.—Berezkin, N. F. [Calcium in gynecology and endocrinological basis of calcium therapy] Vrach. delo, 1927, 10: 256-60.—Braun, W. Beiträge zur Kalzium-Therapie in der gynäkologischen Praxis unter besonderer Berücksichtigung des Hämostasen. Mschr. Geburtsh. Gyn., 1926, 74: 160-4.—Dinhardt, D. Behandlung gynäkologischer Blutungen mit Kongorot. Zbl. Gyn., 1931, 55: 3249-51.—Haehl, E. Homöopathische Arzneiverordnung bei Frauenkrankheiten. Hippokrates, Stuttgart, 1936, 7: 1053-60.—Hirsch, F. Die Bedeutung des Ichthyol-Isapogen in der Gynäkologie. Med. Welt, 1927, 1: 1665.—Jäger, L. Ueber die therapeutische Anwendung von sogenannten Pufferlösungen, speziell in der gynäkologischen Praxis. Med. Klin., Berl., 1928, 24: 104.—Kerstan, D. Ditonal bei Unterleibs-erkrankungen. Fortsch. Med., 1929, 47: 179.—Kober & Niessing, G. Die Belladonna-Ekkludzapfen in der gynäkologischen Praxis. Deut. med. Wschr., 1929, 55: 1805.—Koschade, R. Perkutane Verwendung von Arzneimitteln bei Dysmenorrhoe und in der Geburtshilfe. Ibid., 1935, 61: 135-7.—Landeker, A. Die gynäkologische Paraffintamponade. Fortsch. Ther., 1926, 2: 733-5.—Levizkaia, K. P. Injections intramusculaires d'ichthyol dans le traitement des affections inflammatoires gynécologiques. Gyn. obst., Par., 1939, 39: 394-405.—Liebmann, I. [Value of nonspecific medicines in gynecology] Orv. hetil., 1927, 71: 1231-6.—Macchiarulo, O. Osservazioni cliniche su la terapia calcica in alcune forme ginecologiche. Rinasc. med., 1932, 9: 512.—Masson, J. C., & Foucar, H. O. The use of zinc chloride in gynecology. Tr. Am. Gyn. Soc., 1925, 50: 30-41. Also Am. J. Obst., 1925, 10: 355-64 [Discussion] 421.—Maurer, R. Die Leuvinose Bleas in der gynäkologischen Arzneischatze. Med. Welt, 1929, 3: 1042.—Montuoro, F. Contro l'abuso della metranodina e di altri medicinali analoghi nella pratica ginecologica. Rass. clin. ter., 1924, 23: 284.—Nahmmacher, H. Zur Kohlenbehandlung in der Gynäkologie und Geburtshilfe. Deut. med. Wschr., 1929, 55: 1638.—Die Theorie und Praxis der intrauterinen Kohlenbehandlung in der Gynäkologie und Geburtshilfe. Zschr. Geburtsh. Gyn., 1929, 96: 155-65.—Nekrasova, M. V. [Treatment of gynecological diseases with calcium chloride] Mosk. med. J., 1926, 6: No. 4, 12-6.—Pribram, E. Fortschritte der medikamentösen Therapie in der Gynäkologie und Geburtshilfe. Deut. med. Wschr., 1926, 52: 1860, 1950.—Probstner, A. von. Ist die Terpentinanwendung in der Gynäkologie von therapeutischem Werte? Mschr. Geburtsh. Gyn., 1927, 77: 238-

47.—Raymond-Hamet & Vignes, H. Phytothérapie gynécologique. Presse méd., 1926, 34: 1004-6.—Ripperger, W. Gynäkologisch wertvolle Drogen. Zbl. Gyn., 1935, 59: 396-402.—Santigny. Action thérapeutique et pharmacologie de quelques médicaments employés en gynécologie. Progr. méd., Par., 1926, 41: 1669-73.—Schindler, H. Anwendung des Sauerstoffschaumes in der Gynäkologie. Med. Welt, 1928, 2: 1673-5.—Schnarch, S. Il trattamento del dolore nelle affezioni ginecologiche con le supposte sedomensolo. Arte ostet., 1936, 50: 43-54.—Tovey, D. W. Oral administration of iodine in treating gynecological disorders. Med. Rec., N. Y., 1938, 147: 31.—Vignes, H. Substances d'origine végétale, susceptibles d'action thérapeutique dans les syndromes gynécologiques. Rev. gén. clin. théor., 1926, 40: Annexe, p. mmccxxlii-mmccxxlii.—Zalewski, E. von. Die Kalktherapie in der Gynäkologie. Med. Welt, 1928, 2: 1715-7.

— Problems, and research.

Arx, M. von. Die Gynäkologie und ihre mechanistischen Probleme nach der Ballontheorie. Schweiz. med. Wschr., 1928, 58: 911-4.—Aschner, B. Problemi attuali nel campo della ginecologia e della terapia costituzionale. Riv. ostet. gin., 1939, 21: 177.—Blair-Bell, W. The present and the future of the science and art of obstetrics and gynaecology. Brit. M. J., 1932, 1: 45-50.—Broad, G. B. Judgment in gynecological problems. N. York State J. M., 1932, 32: 375-80.—Curtis, A. H. Some new features of gynecological anatomy and related clinical problems. Proc. Inst. M. Chicago, 1938-39, 12: 489-93.—Evers, H. H. Gynaecological fallacies and pitfalls. Newcastle M. J., 1933, 13: 184-96.—Feigel, I. I. [Theoretical problems in obstetrics and gynecology during the past 20 years] Akush. gin., 1937, No. 11, 19-22.—Fuchs, H. Wege und Ziele, Lehren und Lernen in der Geburtshilfe und Gynäkologie. Münch. med. Wschr., 1936, 83: 257-9.—Galant, J. S. Gynäkologische Zeitfragen. In Beitr. Probl. Gyn. Karzinoms, Berl., 1924, 37-47.—Garrett, B. C. Some problems in gynecology. N. Orleans M. & S. J., 1926-27, 79: 210-4.—Gelli, G. Dove può arrivare la ginecologia conservatrice? Riv. ostet. gin., 1926, 8: 129-48.—Green-Armytage, V. B. The tide of gynaecology. Clin. J., Lond., 1936, 65: 139-45.—Griffith, F. W. A few fallacies in gynecology. South. M. & S., 1932, 94: 500.—Hirst, B. C. The 4 major problems in gynecology. J. Am. M. Ass., 1933, 101: 897-900.—Mack, H. C. Currents and counter-currents in obstetrics and gynecology. J. Michigan M. Soc., 1936, 35: 775-9.—Mayer, A. Rückblicke und Ausblicke im Gebiet der kleinen Gynäkologie. Zbl. Gyn., 1926, 50: 916-21.—Mikulicz-Radecki, F. von. Rückblick und Ausblick in der Geburtshilfe und Gynäkologie. Münch. med. Wschr., 1932, 79: 981-6.—Mombach, G. What does the future hold for gynecology and obstetrics? J. Med., Cincinnati, 1936-37, 17: 295-7.—Philipp, E. Aktuelle Probleme in der Frauenheilkunde. Fortsch. Ther., 1939, 15: 1-7.—Pou Orfila, J. Las tendencias modernas en ginecología y obstetricia. An. Fac. med., Montev., 1933, 18: 417-63.—Prestini, O. Fronteras de la ginecología. Dia méd., B. Air., 1938, 10: 1118.—Rodecurt, M. Erstrebt, Erreichtes und zu Erstrebbendes. Zbl. Gyn., 1936, 60: 627-38.—Rosner, A. [Possible doubts and errors in gynecology] Polska gaz. lek., 1926, 5: 405; 423.—Seeley, W. F. Report of committee on clinical problems: Section on Obstetrics and Gynecology. J. Michigan M. Soc., 1934, 33: 145.—Selheim, H. Wesentliche Probleme der Geburtshilfe und Gynäkologie. Deut. med. Wschr., 1928, 54: 1662-5.—Trowbridge, E. H. Some of the problems in gynecological cases. Am. J. Phys. Ther., 1929-30, 6: 27-30.—Turenne, A. Evolución y orientación futura de la ginecología. Bol. Acad. nac. med. B. Aires, 1935, 118-29.—Turner, J. W. Progress and problems in gynecology. South. M. J., 1935, 28: 237-42.—Ward, G. G. The gynecology of tomorrow; with some remarks on uterine retrodisplacement. Rep. Surg. Staff Woman Hosp. State N. York, 1925-28, 6: 41-53.—Winter, G. Forschung und Unterricht in der Universitäts-Frauenklinik in Königsberg i. Pr. Deut. med. Wschr., 1930, 56: 1513-6.

— Psychological aspect.

LIEPMANN, W. G. Gynäkologische Psychotherapie; ein Führer für Aerzte und Studierende. 208p. 8° Berl., 1924.

Bourne, A. Gynaecology and psychological medicine. Brit. J. M. Psychol., 1934, 14: 136-57.—Brown, W. Some disorders of the female sexual function of mental origin. Am. J. Obst., 1928, 15: 528-33.—Dick, V. G. [Diagnosis of psychogenic diseases in gynecology] J. akush., 1926, 37: No. 4, 444-52.—[Psychotherapy in diseases of women, Ibid., 1928, 39: 196-207.—[Hypnosis, as auxiliary means in gynecological therapy] Vrach. delo, 1927, 10: 1545-9.—Dittel, L. G. Ueber Psychotherapie in der Gynäkologie. Wien. klin. Wschr., 1929, 42: 1478. Also Wien. med. Wschr., 1929, 79: 1294-301.—Edwards, F. M. Some aspects of the psychological approach to gynaecology and obstetrics. Individ. Psychol. M. Pamphl., Lond., 1934, No. 12, 51.—Fairbairn, J. S. The medical and psychological aspects of gynaecology. Lancet, Lond., 1931, 2: 999-1004.—Remarks on psychology in gynaecological practice. Individ. Psychol. M. Pamphl., Lond., 1933, No. 9, 7-24.—Galant, J. S. Die Psychotherapie des Gynäkologen. Mschr. Geburtsh. Gyn., 1929, 81: 28-38.—Gottliebowa, H. [Psychoanalysis and psychotherapy in diseases of women] Polska gaz. lek., 1929, 8: 104-7.—Horney, K. Psychogenic factors in functional female

- disorders. Am. J. Obst., 1933, 25: 694-704.—**Jaschke, R. T. von.** Ein kritischer Beitrag zur Indikationsstellung und Begrenzung psychotherapeutischer Massnahmen des Gynäkologen. Klin. Wschr., 1926, 5: 2073-5.—**Kirstein, F.** Psychogene gynäkologische Beschwerden (Angstfolgen) Mschr. Geburtsh. Gyn., 1930, 86: 203-9.—**Knopf, O.** Individualpsychologie und Gynäkologie. Internat. Zschr. Individpsychol., 1929, 7: 276-86. Also Individ. Psychol. M. Pamphl., Lond., 1932, 6: 22-34.—**Leaver, H.** Mental aspects of gynaecology. Med. J. Australia, 1934, 2: 769-77.—**Liegner, B.** Die Ziele und Grenzen der gynäkologischen Psychotherapie. Zbl. Gyn., 1926, 50: 274-8.—**Macomber, D.** The emotional life of woman in relation to the practice of gynecology. Am. J. Obst., 1927, 13: 732-41. [Discussion] 804-6.—**Mascaró Porcar, J. M.** La psicología femenina vista por un ginecólogo. Rev. méd. Barcelona, 1934, 22: 313-5.—**Mayer, A.** Seelische Einflüsse auf gynäkologische Symptome. In Baln. & Balneother. Karlsbad (1930) 1931, 12: 463-94. — Psychologisches aus der gynäkologischen Sprechstunde. Würzb. Abh. Med., 1931-32, 27: 443-540. — Psyche und kleine Gynäkologie. Zschr. ärztl. Fortbild., 1931, 28: 205; 284.—**Mayer, M. D.** Psychotherapy in a gynecologic service. Am. J. Obst., 1931, 21: 357-64. [Discussion] 430.—**Moench, G. L.** Psychic factors in gynecological disease. Med. Rec., N. Y., 1939, 149: 342-4.—**Muller, M. L.** [Psychological notes from the realm of gynecology.] Ned. tschr. geneesk., 1936, 80: 4985-91. [Consolation and relief as treatment in women's diseases] Ibid., 1928 72: pt 2, 5666-76.—**Oettingen, K. von.** Ueber psychophysische Zusammenhänge auf dem Gebiete der Geburtshilfe und Gynäkologie. Med. Welt, 1936, 10: 807-10.—**Peralta Ramos, A.** El factor psicógeno en ginecología. Prensa méd. argent., 1938, 25: 987-92.—**Petit-Dutailis, P.** Les facteurs émotionnels des déséquilibres féminins. Gynécologie, 1926, 25: 454-78.—**Probst, A.** [Mental causes of gynecological diseases] Orv. hetil., 1937, 81: 1101-3.—**Psychotherapy** in gynecology and obstetrics. J. Am. M. Ass., 1937, 109: 1366.—**Rickman, J.** Ein psychologischer Faktor in der Aetiology von Descensus Uteri, Dammbruch und Vaginismus. Internat. Zschr. Psychoanal., Wien, 1926, 12: 513-6.—**Schwartz, L. A.** Feminine psychology with emphasis on the gynecological and obstetrical phases. J. Michigan M. Soc., 1941, 40: 113-6.—**Valerio, A.** Ginecopathia e syndromes mentales. Fol. med., Rio, 1935, 16: 7.
- social, and preventive.
- LIEPMANN, W. G.** Das gynäkologische Seminar; praktische Gynäkologie mit besonderer Berücksichtigung der sozialen Frauenkunde in 15 Vorlesungen für Aerzte und Studierende. 368 p. 8°. Berl., 1931.
- and **GORNICK, P.** Gegenwartsfragen der Frauenkunde. 244p. 8°. Lpz., 1933.
- Alfieri, E.** La ginecologia nel campo medico-sociale. Rass. clin. sc., 1939, 17: 255-63.—**Bakhtuskaia, S. A.** [Health-service work in the control of diseases of women in the rural districts] Akush. gin., 1938, No. 11, 119-21.—**Benthin, W.** Die soziale Indikation in der Gynäkologie. Zbl. Gyn., 1926, 50: 194-8.—**Binet, A.** Orientation moderne de la gynécologie et humanisme médical. Rev. méd. Nancy, 1937, 65: 981-96.—**Boczkowski, E.** [Social significance of women's diseases and their relation to insurance for sickness and invalidity.] Med. prakt., Poznań, 1936, 10: 266-71.—**Burger, K.** [Prophylaxis of gynecological diseases] Orv. hetil., 1935, 79: 631-3.—**Cullen, T. S.** The relation of obstetrics, gynecology and abdominal surgery to the public welfare. J. Am. M. Ass., 1916, 66: 239-43. Also repr.—**Dichtiar, S.** [Medico-prophylactic problems of obstetrico-gynecological service in White Russia] Beloruss. med. dumka, 1925-26, 2: 7-16.—**Dickinson, R. L.** Premarital examination as routine preventive gynecology. Tr. Am. Gyn. Soc., 1928, 53: 51-66. — Plans and equipment for out-patient work in gynecology and obstetrics. Ibid., 1931, 56: 255-68.—**Domaševičius, A.** [Fight against women's diseases] Medicina, Kaunas, 1928, 9: 352-8.—**Fekete, S.** [Social medical relations of gynecology.] Orv. hetil., 1938, 82: 205.—**Geller, F. C.** Soziale Gynäkologie und Geburtshilfe. Mschr. Geburtsh. Gyn., 1934, 97: 363-71.—**Hirsch, M.** Ueber die Bedeutung der Frauenkunde für die Sozialversicherung, nebst Bemerkungen über Ursprung und Wesen der Frauenkunde. Zbl. Gyn., 1929, 53: 414-21.—**Kurdinovskiy, E. M.** [Methodological preface to social gynecology.] Klin. med., Moskva, 1926, 4: 11; 361-7. — [Constitutional and industrial pathology of woman in the light of current prophylaxis] Ibid., 1927, 5: 715-26.—**Lane-Roberts, C.** A plea for the woman in gynaecology and obstetrics. Lancet, Lond., 1939, 1: 491-6.—**Levi, M.** [Social gynecology and its place in system of protecting motherhood and childhood] Mosk. med. J., 1927, 7: No. 10, 61-9.—**Liepmann, W.** Ueber die Bedeutung der Frauenkunde für die Sozialversicherung. Zbl. Gyn., 1928, 52: 2822-7.—**Neubauer, W.** Social gynaecology in China. Chin. M. J., 1937, 51: 825-32.—**Niedermeyer, A.** Die Entwicklung der Sozialgynäkologie und Frauenkunde. Zbl. Gyn., 1927, 51: 791-9. — Beiträge zur Geschichte der Sozialgynäkologie und Frauenkunde. Arch. Frauenk., 1928, 14: 57-78. — Ueber Anfänge und Grundlegung der Sozialgynäkologie und Frauenkunde. Ibid., 1930, 16: 29-51.—**Obrastsova, R. S., & Povzhnikov, V. A.** [Prevention and treatment for gynecological inflammatory diseases] Sovet. vrach. gaz., 1933, 37: 507-11.—**Pazzi, M.** In tema di ginecologia sociale. Atti Soc. ital. ostet., 1923, 22: 397.—**Sellheim, H.** Die deutsche Frau der Nachkriegszeit und ihre Erholung. Zbl. Gyn., 1926, 50: 2065-75.—**Snoo, K. de** [Gynecology and the modern woman] Ned. tschr. geneesk., 1940, 84: 3940-6.—**Stoeckel, W.** Ueber die sozial-prophylaktische Arbeit des Frauenkliniklers. Wien. klin. Wschr., 1937, 50: 1147-50.
- **Symptomatology.**
- HILPERT, F.** *Viskosität des Blutes bei gynäkologischen Erkrankungen. 32p. 8°. Erlangen, 1917.
- RUBIN, I. C.** Symptoms in gynecology, etiology and interpretation, with notes on diagnosis. 387p. 8°. N. Y., 1931.
- Aiko, F.** Coagulation time of blood in gynecological diseases; influences of operation upon it. Jap. J. Obst., 1928, 11: 210. — **Mizuhara, S.** Resistance of erythrocytes in gynecological diseases; effect of operation upon it. Ibid., 211.—**Amreich, I.** Fernsymptome bei gynäkologischen Erkrankungen. Med. Welt, 1939, 13: 321-7.—**Binet, A.** Etude clinique et sémiologique de la douleur en gynécologie. Rev. fr. gyn. obst., 1933, 28: 465-82. — Valeur du symptôme douleur en gynécologie. Rev. gén. clin. théor., 1933, 47: Suppl., 1749-54.—**Bock, H.** Ueber die Blutungszeit bei gynäkologischen Erkrankungen. Zbl. Gyn., 1926, 50: 1387-90.—**Child, C. G., jr.** Preclinical symptoms in gynecology. Med. J. & Rec., 1925, 122: 468-71.—**Cokkinis, A. J.** Gynecological symptoms in diseases not peculiar to women. S. Mary Hosp. Gaz., Lond., 1925, 31: 72-6.—**Fränkel, W. K.** Urologische Symptome als Ausdruck gynäkologischer Veränderungen. Med. Klin., Berl., 1930, 26: 1281-4.—**Frost, I. F.** Preclinical evidence in gynecology. J. M. Soc. N. Jersey, 1926, 23: 212-5.—**Goodwin, A.** Pain as a symptom in gynecology. Practitioner, Lond., 1929, 123: 411-9.—**Hendry, W. B.** The significance of abdominal pain in gynecological conditions. Proc. Interst. Postgrad. M. N. America (1927) 1928, 3: 57-60.—**Hochloff, A. W.** Die Oberflächenspannung und die Viskosität des Bluteserums bei den gynäkologischen Erkrankungen. Zbl. Gyn., 1929, 53: 748-51.—**Johnstone, R. J.** Some aspects of pain in gynecological practice. Tr. Ulster M. Soc., 1921-23, 98-113.—**Korotkin, N. I.** [Pain sensibility in gynecological diseases] Akush. gin., 1938, 22-31.—**Labhardt, A.** L'étiologie des symptômes gynécologiques. Rev. méd. Suisse rom., 1928, 48: 348-58.—**LaFont, A.** Les douleurs extra-pelviques dans les affections gynécologiques. Progr. méd., Par., 1937, 1214-27. — & **Ezes, H.** Des phénomènes sensitifs cutanés à distance en gynécologie. Rev. fr. gyn. obst., 1930, 25: 374-89.—**Lorentowicz, L.** [Problem of pain in gynecology] Gin. polska, 1936, 15: 105-59.—**Miller, J. R.** Symptomatology. In Pract. Libr. M. & S. (Appleton) N. Y., 1934, 6: 566-78. — Early signs of serious gynecologic lesions. N. York State J. M., 1941, 41: 470-4.—**Papin, F.** Quelques syndromes gynécologiques douloureux en dehors des règles. J. méd. Bordeaux, 1935, 112: 595-9. Also In his Dix-huit quest. gyn. prat., Bord., 1938, 120-32.—**Petit-Dutailis, P.** A propos des troubles cryptolésionnels en gynécologie; les troubles moteurs et sensitivo-moteurs (spasmes, algo-spasmes et hypotonies). Gynécologie, 1926, 25: 577-98.—**Rossinsky, T. I.** [Uric acid contents in the blood in some gynecological diseases] Russ. klin., 1926, 6: 701-7.—**Schwarzmann, E. M.** Ueber den Isoagglutinatingehalt im Blute und in anderen physiologischen und pathologischen Flüssigkeiten und Ausscheidungen des weiblichen Organismus. Zschr. Geburtsh. Gyn., 1927-28, 92: 505-16.—**Sellheim, H.** Schwebende Bein, ein typisches gynäkologisches Krankheitsbild. Wien. med. Wschr., 1926, 76: 1337.—**Shpoliansky, G. M.** [Symptom of pain and its significance in diagnosis of certain gynecological diseases] Sovet. vrach. J., 1936, 1: 1062-72.—**Stajano, C.** Cuadros simpáticos y hemorrágicos del vientre ginecológico. An. Fac. med., Montev., 1921-22, 7: 323-34.—**Stanca, C.** Ueber den entfernten Reflexschmerz bei gynäkologischen Erkrankungen. Zbl. Gyn., 1927, 51: 922-6.—**Voza, F.** I sintomi ginecologici di processi morbosi extra-genitali. Riv. ostet. gin., 1940, 22: 4-8. Also Umhria med., 1940, 20: 3621-6.—**Witz, P.** Die Wasserstoffionenkonzentration und ihre Bedeutung für die Gynäkologie. Mschr. Geburtsh. Gyn., 1929, 82: 103-11.—**Zacherl, H.** Schmerzen im Kreuz und Unterbauch und ihre Bedeutung in der Gynäkologie. Wien. klin. Wschr., 1926, 39: H. 50 [Sonderbeil.] 1-16.
- **Therapeutics.**
- See also subheading Psychological aspect.
- BARBOUR, A. H. F.** Gynecological treatment. 111p. 8°. Edinb., 1922.
- BENTHIN, W.** Therapie der Frauenkrankheiten. 2. Aufl. 210p. 8°. Berl., 1937.
- BURCKHARD, G.** Geburtshilfliche und gynäkologische Therapie mit Einschluss der Heilmittel. 2. umgearb. Aufl. 260p. 25cm. Stuttg., 1938.

GELHORN, G. Non-operative treatment of gynecology. 432p. 8° N. Y., 1931.

HÜSSY, P. Indikationsstellung und Therapie, in der geburtshilflich-gynäkologischen Praxis. 242p. 8° Bern [1935]

JEANNENEY, G., & ROSSET-BRESSAND, M. Formulaire gynécologique du praticien. 200p. 8° Par., 1930.

KAHR, H. Konservative Therapie der Frauenkrankheiten; Anzeigen, Grenzen und Methoden einschliesslich der Rezeptur. 297p. 8° Wien, 1934.

McCANN, F. J. The treatment of common female ailments. 3. ed. 379p. 8° Lond., 1934.

RIBAS, G. Tratamiento conservador en ginecología. 51p. 8° Barcel., 1920.

ROUSIER, M. *Contribution à l'étude de l'action des effluves dans quelques affections gynécologiques. 67p. 8° Par., 1932.

STRASSMANN, P. Arznei- und diätetische Verordnungen für die gynäkologisch-geburtshilfliche Praxis. 4. Aufl. 179p. 16° Berl., 1926.

— The same. Arznei-diätetische, diagnostische und sozialhygienische Verordnungen für die gynäkologisch-geburtshilfliche Praxis. 5. Aufl. 271p. 16° Lpz., 1931.

AMEELS, J. Notes de gynécologie pratique. Rev. méd., Louvain, 1928, 201-3.—Anghel, Constantinescu, M., & Bogdan, G. [Topotherapy in gynecology] Rev. san. mil., Bucur., 1930, 29: 200-3.—Aschner, B. Moderne gynäkologische Therapie. Fortsch. Med., 1927, 45: 33-8. — Konstitutionstherapie in der Frauenheilkunde und Geburtshilfe. Jahrbuch. ärztl. Fortbild., 1929, 20: H. 7, 5-12. — Konstitutionstherapie beim Weibe. Wien. klin. Wschr., 1929, 42: 1313-8. — Umstimmungsbildung in der Frauenheilkunde. Hippokrates, Stuttg., 1930-31, 3: 185-200. — La thérapeutique constitutionnelle et ses applications à la gynécologie. Progr. méd., Par., 1935, 177-85.

Problèmes actuels dans le domaine de la gynécologie et de la thérapie constitutionnelle. Gynécologie, 1930, 38: 225-7.—Beckers, R. Quelques procédés utiles en thérapeutique gynécologique courante. Bruxelles méd., 1933-34, 14: 1565-72.—Benthin, D. Der Wert der konservativen Therapie in der Gynäkologie. Med. Klin., Berl., 1926, 22: 401-4. — Anzeigen und Gegenanzeigen der Behandlung gynäkologischer Leiden durch den praktischen Arzt. Zschr. ärztl. Fortbild., 1933, 30: 433-5.—Bourne, A. Advances in gynaecological treatment. Practitioner, Lond., 1933, 131: 434-42.—Burckhard, G. Geburtshilfe und gynäkologische Therapie mit Einschluss der Heilmittel. Med. Klin., Berl., 1927, 23: 646, passim.—Cetrone, M. B. Nuovi orientamenti ed attualità in tema di terapia ginecologica ed ostetrica. Clin. ostet., 1938, 40: 513: 575.—Danneuther, W. T. The office treatment of gynecologic patients. N. York State J. M., 1927, 27: 1185-92.

Some useful office procedures in gynecological therapy. N. England J. M., 1930, 203: 351-6.—De Sa, H. Conservative therapeutics in gynecology. J. Obst. Gyn. Brit. Empire, 1936, 43: 1162-9.—Duseberg, G. Die Behandlung gynäkologischer Entzündungen. Med. Welt, 1935, 9: 1288.—Frommolt, G. Geburtshilfe und Gynäkologie; akut bedrohliche Zustände und ihre Behandlung. Klin. Fortbild., 1937, 5: 374-97.—Goldstein, M. G. [Treatment of inflammatory gynecological diseases by anesthesia of Head's zones] Akush. gin., 1937, No. 9-10, 57-9.—Green-Armytage, V. B. Gynaecological regrets. Clin. J., Lond., 1934, 63: 7-14. — Non-operative gynaecological treatment. Postgrad. M. J., Lond., 1936, 12: 97-103.—Hochloff, A. W. Die Viskosität und die Oberflächenspannung des Blutes bei der Behandlung gynäkologischer Erkrankungen. Zbl. Gyn., 1930, 54: 1292-7.—Joachimovits, R., & Schwarz, J. Dauerspülungen von Vagina, Vulva und Rektum; klinische, physiologische und pharmakologische Beobachtungen. Wien. klin. Wschr., 1928, 41: 229-32.—Katz, H. Anzeigen und Gegenanzeigen der Behandlung gynäkologischer Leiden durch den praktischen Arzt. Aerztl. Prax., Wien, 1931, 5: 260-2. Also Wien. klin. Wschr., 1931, 44: 974-6.—Kirschbaum, H. M. Fundamentals of treatment in gynecology. J. Michigan M. Soc., 1939, 38: 891-5.—Klaften, E. Ein Beitrag zur konservativen Behandlung in der Frauenheilkunde. Wien. med. Wschr., 1936, 86: 82-5.—Lehfeldt, H. Gynäkologische Zustandsbilder und ihre Behandlung. Hippokrates, Stuttg., 1928, 1: 280-9.—Liegner, B. Die Anwendung psychischer Behandlungsmethoden in der Gynäkologie. Mschr. Geburtsh. Gyn., 1926, 74: 80-7.—Maguire, F. A. Medical gynecology. Med. J. Australia, 1937, 1: 601-7.—Malech, W. Naturheilbehandlung der Frauenkrankheiten. Naturärztl. Rdsch., 1935, 7: 77; 161: 233; 267.—Mason, N. R., & O'Brien, F. W. The treatment of malignant and near malignant gynecological cases. Boston M. & S. J., 1927, 196: 769-71.—Massabau, G., & Guibal, A. La thérapeutique conservatrice en gynécologie. Gyn. obst., Par., 1933, 28: 330-86.—Matelesky, K. [Treatment of adnexitis and

periuterine exudates] Budapesti orv. ujs., 1938, 36: 213-7.—Newell, Q. U. Conservative treatment of gynecological patients. Med. Rec., Houston, 1938, 32: 827-30.—Nijhoff, G. C. [Gynecology and gynecotherapy] Ned. tsschr. geneesk., 1927, 71: pt 2, 2582-96.—Nizza, M., & Bolaffi, R. Appunti di terapia ginecologica. Gazz. med. ital., 1937, 96: 319-24.—Nürnberg, L. Die Erfolgsstatistik in der Geburtshilfe und Gynäkologie. Zbl. Gyn., 1929, 53: 1490-500.—Pieria, L. M. Traitements médicaux de la douleur en gynécologie. Rev. fr. gyn. obst., 1933, 28: 584-606.—Rachinger, H. Rekonvaleszenz nach gynäkologischen Erkrankungen. Fortsch. Ther., 1937, 13: 623-7.—Salgado, C. Ginecologia funcional. Impr. med., Rio, 1939, 15: 656-63.—Schlink, H. H. Present position of surgery, radium and X rays in gynecology. Med. J. Australia, 1934, 1: 425-30.—Sellers, T. B. Diagnosis and office management of commonly neglected gynecologic conditions. J. M. Ass. Alabama, 1932, 2: 182-8.—Sénéchal, M. Consultazioni e formulario di terapia ginecologica. Riv. ostet. gin., 1925, 7: Suppl., 5: passim.—Shaw, W. Advances in gynecological treatment. Practitioner, Lond., 1933, 133: 480-8.—Steenbergen, J. H. Diagnosis and office treatment of the more common gynecologic problems. West Virginia M. J., 1934, 30: 267-71.—Ter-Gabrielian, G. [Material in regard to certain physiological deflections in women and problems of their treatment] Mosk. med. J., 1927, 7: No. 9, 47-59.—Vogt, E. Fortschritte der gynäkologischen konservativen Therapie. Münch. med. Wschr., 1929, 76: 1785-8. — Ueber konservative gynäkologische Therapie. Prakt. Arzt, Lpz., 1930, n. F., 15: 275; 306.—Voorhis, A. H. Non-operative gynecology. Med. Woman J., 1925, 32: 265-7.—Waldeyer, L. Zur Behandlung funktioneller Störungen in der Gynäkologie. Deut. med. Wschr., 1939, 65: 557.—White, R. V. Non-operative treatment in gynecological conditions. Hahnemann. Month., 1934, 69: 332-5.—Zuccotti, A. S., & Schapira, I. El tratamiento médico en ginecología. Sem. méd., B. Air., 1936, 43: pt 2, 1587-94.

Therapeutics: Balneotherapy.

LENFANT, H. L. *La cure dite de Luxeuil, reconstitution hydrothérapique du traitement gynécologique de Luxeuil. 77p. 8° Par., 1925.

SARTORI, E. Sulla utilità e sulle varie indicazioni dell'acqua arsenicale-ferruginosa-rameica di Levico nelle malattie muliebri. Sp. 24cm. Tor., 1888.

Alfieri, E. Le malattie ginecologiche curabili a Subomaggiore. Ann. ostet. gin., 1937, 59: 903-23. Also Med. ital., 1937, 18: 503-19. Also Gynécologie, 1939, 38: 233. Also Riv. ostet. gin., 1939, 21: 180-2.—Bubichenko, L. I. [Methods in vaginal fangotherapy] J. akush., 1934, 45: 192-7.—Bykov, S. G. [Rectal fangotherapy in gynecology] Vrach. delo, 1928, 11: 1525.—Cattier, L. L'ovaire et le climat marin. Presse therm. clim., 1937, 78: 432-9.—Crunt, E. [Pistany's treatment in diseases of women] Bratisl. lek. listy, 1935, 15: 180-5.—Dausset, H., & Luscan, L. L'hydrothérapie en gynécologie. Presse therm. clim., 1929, 70: 164-9.—David, E. La cure thermique de Salies-de-Béarn dans la thérapeutique gynécologique. Rev. fr. gyn. obst., 1935, 30: 733-44. — Macé de Lepinay, C. [et al.] La place des cures hydrominérales en gynécologie. Gynécologie, 1928, 27: 26-33.—Dick, V. G. [Selection of gynecological patients for treatment at health resorts] Sovet. med., 1940, No. 11, 29.—Engelmann, W. Heilbäderbehandlung und Frauenheilkunde. Zbl. Gyn., 1937, 61: 1490-6.—Frigyesi, J. [Balneotherapy in modern gynecology] Orv. hetil., 1939, 83: 583-6.—Gaifami, P. Le Colonie marine nella profilassi ginecologica. In his Convers. & lez. ostet. gin., Roma, 1933, 518-20.—Gasquet, P. Les indications gynécologiques du climat de Nice et du littoral des Alpes-Maritimes. Presse therm. clim., 1938, 79: 281-6.—Girard, I. Cures gynécologiques associées dans une même station. Clinique, Par., 1934, 29: 171.—Graff, E. Die Bedeutung der Solbadekuren für die Gynäkologie. Wien. med. Wschr., 1931, 81: 723-5.—Guggisberg, H. Badekuren bei gynäkologischen Erkrankungen. Schweiz. med. Wschr., 1934, 64: 113-5.—Guthmann, H. Gynäkologische Moorbadebehandlung, vegetatives Nervensystem und Serumstruktur. Arch. Gyn., Berl., 1929, 137: 1036-41. [Discussion] 1044-7.—Heifets, S. J. [Slag water therapy in gynecological affections] Akush. gin., 1937, No. 9-10, 60-2.—Joachimovits, R. Ueber Bäder in der Frauenheilkunde. Med. Welt, 1935, 9: 1456; 1660; 1702.—Kogan, M. S. [Fangotherapy of cystic formations of the sexual organs in women] Akush. gin., 1940, No. 7, 59-61.—Kohler, P. Behandlung von Frauenleiden in Moorbädern. Mschr. Geburtsh. Gyn., 1937, 105: 333-43.—Lesnoi, S. K. [Medico-physical culture combined with fangotherapy in gynecological affections] Akush. gin., 1937, No. 8, 106-11.—Mandelstamm, A., & Becker, S. Ueber die kombinierte Moor- und Schwangerenrhabbehandlung gynäkologischer Affektionen. Zbl. Gyn., 1934, 58: 2427-31.—Michaelis, R. Die Kreuzbacher Bäder bei Frauenleiden. Aerztl. Rdsch., 1926, 36: 280-3.—Mikulicz-Radecki, F. von. Richtlinien für die Anwendung der Bäderbehandlung bei gynäkologischen Erkrankungen. Balneologe, 1938, 5: 474-7.—Nahmacher, H. Bad Reichenhall und seine Heilmittel bei Frauenkrankheiten. Arch. Gyn., Berl., 1936, 161: 346-50. [Discussion] 355-9. Also Zbl. Gyn., 1936, 60: 137. — Die kurgemässe Behandlung gynäkologischer Krankheiten in Bädern. Münch. med. Wschr.,

- 1936, 83: 2086-8.—**Noailly, D.** La cure thermique de la Léchères-Bains dans les affections gynécologiques. *Gaz. méd. France*, 1938, 45: Suppl., Therm., 32.—**Pages.** Les cures hydrothérapiques en gynécologie. *Rev. physiothér.*, Par., 1939, 15: 30-4.—**Preiss, E.** Frauenleiden, Kreislaufstörungen und Balneotherapie. *Zschr. wiss. Bäderk.*, 1928-29, 3: 202-7.—**Sazonov, N. P.** [Treatment of gynecological diseases at the Osipenko health resort (Berdiansk)] *Vrach. delo*, 1940, 22: 603.—**Scarpitti, C.** Studio dell'azione delle acque salso-bromojodiche delle RR. Terme di Salsomaggiore sulla funzionalità dell'apparato genitale femminile; azione sulla funzionalità normale. *Ann. ostet. gin.*, 1936, 58: 1663-714.—**Sdrawomyslow, W. I.** Moorbäder, kombiniert mit parenteraler Ichthyolbehandlung bei gynäkologischen Erkrankungen. *Mtschr. Geburtsh. Gyn.*, 1932, 92: 99.—**Selig, A., Mougeot & Wassermann, S.** The action of effervescent baths; mud baths in gynecological practice. *Arch. M. Hydr.*, Lond., 1926, 4: 174.—**Selheim, H.** Beziehungen zwischen Gynäkologie und Balneologie. *Med. Welt*, 1929, 3: 505-8. Also *Zschr. wiss. Bäderk.*, 1929-30, 4: 235-41.—**Slytshevskii, A.** [Mud-baths in gynecological diseases] *J. akush.*, 37: No. 5, 574-84.—**Sourdeau.** Reconstitution synthétique du traitement gynécologique de Luxeul. *Commun. Congr. internat. physiothér.* (1930) 1931, 5. Congr., Sect. 3, No. 15, 126-9.—**Szathmáry, Z.** [Importance of baths in gynecology] *Budapesti orv. ujs.*, 1939, 37: 491-9.—**Tauzin, J.** Les techniques gynécologiques de Plombières. *Gynécologie*, 1935, 34: 489-500.—**Turpault.** Le traitement de la douleur dans les maladies des femmes par l'hydrothérapie. *Rev. fr. gyn. obst.*, 1933, 28: 773-6.—**Varanini, M.** Le acque della maternità. *Med. ital.*, 1937, 18: 520-9.—**Verkhatsky, N. P., & Meerson, J. I.** [Treatment of inflammatory processes of the sexual organs of women with fango-ionogalvanization at the Berdiansk health resort] *Akush. gin.*, 1940, No. 7, 57-9.—**Vignes, H.** L'eau et les eaux en thérapeutique gynécologique. *Bull. gén. thé.*, 1925, 176: 350-72. La cure marine en pratique obstétricale et gynécologique. *Progr. méd.*, Par., 1926, 41: 1667.—**Vitzinsky, I. S.** [Value of healing properties of the springs in Macesta, for the therapy of diseases of women] *Mosk. med. J.*, 1928, 8: 38-48.
- **Therapeutics, biological.**
- See also under names of biological products.
- Fron, A.** *Applications gynécologiques de la vaccination régionale par la porte d'entrée (méthode de Poincloux) 175p. 8°. Par., 1932.
- Koch, G. F. G.** *Hormontherapie in der Gynäkologie unter besonderer Berücksichtigung einiger Fälle an der Marburger Universitäts-Frauenklinik [Marburg] 30p. 8°. Ochsenfurt-Main, 1935.
- Perrin, M.** *De l'autohémothérapie dans les troubles fonctionnels en gynécologie. 62p. 8°. Par., 1937.
- Abel, K.** Ueber die Hormontherapie in der Gynäkologie und Geburtshilfe. *Ther. Gegenwart*, 1933, 74: 112-6.—**Adler, L.** Hormontherapie in der Gynäkologie. *Wien. klin. Wschr.*, 1934, 47: 915-20.—**Albrecht.** Klinische Erfahrungen mit der Hormontherapie in der Gynäkologie. *Zbl. Gyn.*, 1939, 63: 2224-9.—**Andersen, J. V.** [Clinical experiences with some glandular extracts in gynecological practice] *Hospitalstidende*, 1928, 71: 673-86.—**Arenas, N.** El valor terapéutico de la hormona masculina en obstetricia y ginecología. *Acción méd.*, B. Air., 1940, 10: 657.—**Arvay, S.** [Urohormon in gynecological diseases] *Orv. hetil.*, 1937, 81: 585. — [Hormonal therapy of gynecological diseases] *Gyógyászat*, 1938, 78: 316; 334.—**Ayres, J. C.** The present status of hormone therapy in the female. *J. Tennessee M. Ass.*, 1933, 26: 186-9.—**Beattie, J.** The use of hormones in obstetrics and gynaecology. *Clin. J.*, Lond., 1937, 66: 353-8. Also *Postgrad. M. J.*, Lond., 1937, 13: 234-40.—**Bernhart, F.** Hormontherapie in der Frauenheilkunde. *Aerzt. Prax.*, Wien, 1938, 12: 279. Also *Wien. med. Wschr.*, 1938, 88: 433-40.—**Binz, F.** Bemerkungen zur Organotherapie in der Frauenheilkunde. *Münch. med. Wschr.*, 1926, 73: 1744-6.—**Bucura, C.** Vakzinebehandlung in der Gynäkologie. *Aerzt. Prax.*, Wien, 1934, 8: 42.—**Burger, K.** [Hormone therapy in gynecology] *Orv. hetil.*, 1937, 81: 218-20.—**Buschbeck, H.** Fortschritte der gynäkologischen Hormontherapie. *Mtschr. Geburtsh. Gyn.*, 1934-35, 98: 344-51. — Neue Wege der Hormontherapie in der Gynäkologie. *Deut. med. Wschr.*, 1934, 60: 389-93.—**Cohn-Czempin, R.** Eigenblutbehandlung bei gynäkologischen Erkrankungen. *Zbl. Gyn.*, 1927, 51: 2801.—**Daniel, C.** Vaccinothérapie en chirurgie gynécologique. In *Hommage mém. J. Cantacuzène*, Par., 1934, 235-42.—**Desmarest & Capitain.** Mastopathies, troubles menstruels et troubles de la ménopause traités par la testostérone. *Presse méd.*, 1938, 46: 185.—**Dobrylovsky, J.** [Local immunization by Besredka's method, and the application of Besredka's filtrate in gynecology] *Cas. lék. česk.*, 1928, 67: 427; 466.—**Dodds, E. C.** The present position of the hormones in gynaecology and obstetrics. *J. Obst. Gyn. Brit. Empire*, 1937, 44: 203-6.—**Dongen, J. A. van** [Hormone therapy in gynecology] *Ned. tschr. geneesk.*, 1929, 73: 3781-97.—**Douglas, G. F.** Endocrine considerations of a few gynecological conditions. *J. Internat. Coll. Surgeons*, 1940, 3: 543-50.—**Ewing, F. W.** Endocrine therapy in gynecological practice. *J. Oklahoma M. Ass.*, 1933, 26: 105-8.—**Farrar, L. K. P.** Auto-blood transfusion in gynecology. *Tr. Am. Gyn. Soc.* (1929) 1930, 54: 113-21.—**Field, M. W.** The newer organotherapy in gynecology. *Illinois M. J.*, 1933, 63: 528-32.—**Fletcher, P. F.** The application of gynecological endocrinology to general practice. *J. Missouri M. Ass.*, 1941, 38: 10-4.—**Gauss, C. J.** Biologische Therapie in Geburtshilfe und Gynäkologie. *Deut. med. Wschr.*, 1940, 66: 1; 37.—**Grasmik, T. A.** [Treatment of inflammatory gynecological affections by hemolyzed blood] *Kazan. med. J.*, 1939, 35: No. 7, 58-61.—**Hall, G. J.** Gonadotrophic hormone of pregnant mares' serum; its clinical use in gynecology. *California West. M.*, 1939, 51: 159-63.—**Heckel, G. P.** Use of the sex hormones in gynecology. *Med. Soc. Rep. Seranton*, 1940, 34: No. 10, 20; passim.—**Heidler, H.** Was kann die Hormontherapie bei gynäkologischen Erkrankungen leisten? *Wien. med. Wschr.*, 1934, 84: 956; 990.—**Heim, K.** Blutgruppenlehre und Bluttransfusion in der Frauenheilkunde. *Mtschr. Geburtsh. Gyn.*, 1929, 81: 229-48.—**Herrmann, E.** Ergebnisse der Hormontherapie in der Gynäkologie und Geburtshilfe. *Wien. klin. Wschr.*, 1926, 39: H. 6, Sonderbeil. 1-16.—**Hibbert, C. F.** Protein therapy in gynecology. *Am. J. Obst.*, 1929, 17: 227-33 [Discussion].—**Hirsch-Hoffmann, H. U.** Ueber hormonale Therapie in der Gynäkologie mit besonderer Berücksichtigung der Frage: Hormontherapie, Organotherapie. *Arch. Gyn.*, Berl., 1939, 168: 295-305.—**Hofstätter, R.** Hormontherapie in der Geburtshilfe. *Wien. med. Wschr.*, 1926, 76: 1357-61.—**Hubert, R.** Ueber Immuntherapie bei gynäkologischen Erkrankungen. *Deut. med. Wschr.*, 1927, 53: 67-70.—**Hüssy, P.** Neuere gynäkologische Hormontherapie. *Praxis*, Bern, 1932, 21: 568-72.—**Huffman, J. W.** The uses and abuses of endocrine therapy in gynecology. *J. Indiana M. Ass.*, 1940, 33: 285-8.—**Julien, G.** Physiologie génitale de la femme, notions élémentaires de thérapeutique hormonale gynécologique. *J. méd. Paris*, 1935, 55: 297.—**Katz, H.** Hormontherapie in der Gynäkologie. *Wien. med. Wschr.*, 1930, 80: 366-8.—**Kaufmann, C.** Die praktische Verwendung der Hormone in der Frauenheilkunde. *Geburtsh. & Frauenh.*, 1939, 1: 313-20.—**Kermauer, F.** Hormonbehandlung in Geburtshilfe und Gynäkologie. *Mitt. Volksgesundh. Wien*, 1931, *Aerzt. Prax.*, 289-93.—**Koenig, R.** L'hormonothérapie en gynécologie. *Rev. méd. Suisse rom.*, 1936, 56: 129-53.—**Lévy-Du Pan.** Vaccins et vaccinothérapie en gynécologie. *Schweiz. med. Wschr.*, 1928, 58: 276.—**Liebhart, S.** [Hormonotherapy in gynecology] *Polska gaz. lek.*, 1928, 7: 290-2.—**MacBryde, C.** Pituitary and ovarian hormones in gynecological conditions. *J. Kansas M. Soc.*, 1935, 36: 91-5.—**MacLeod, D.** Hormone therapy in gynaecological conditions. *Tr. M. Soc. London*, 1939, 62: 44-66.—**Marta, A., & Maurizio, E.** L'innesto sanguigno quale mezzo terapeutico in ostetricia e ginecologia. *Atti Soc. ital. ostet.*, 1927, 26: 105-19.—**Mikulicz-Radecki, F. von.** Die praktische Bedeutung der Hormonbehandlung in der Gynäkologie. *Med. Klin.*, Berl., 1934, 30: 959; 1022.—**Nánásy, L.** [New indications of folliculin and C-vitamin in gynecology] *Orv. hetil.*, 1937, 81: 276-8.—**Neumann, H. O.** Hormontherapie in der Gynäkologie. *Med. Klin.*, Berl., 1935, 31: 569-73.—**Novak, E.** The endocrine basis of gynecological organotherapy. *South. Surgeon*, 1937, 6: 237-44.—**Pankow, O.** Zur Proteinkörpertherapie in der Gynäkologie. *Klin. Wschr.*, 1926, 5: 1773-5. — [Hormones and gynecological hormone therapy] *Orvosképzés*, 1932, 22: 441-54. Also *Münch. med. Wschr.*, 1933, 80: 306-9.—**Pfalz, G. J.** Die Autovakzinebehandlung gynäkologischer Infektionen. *Deut. med. Wschr.*, 1928, 54: 1121-5.—**Pierra, L. M.** La vaccinothérapie en gynécologie. *Rev. fr. gyn. obst.*, 1929, 24: 31-48. — & **Erlande, G.** La place de l'hormone mâle en gynécologie. *Ibid.*, 1940, 35: 97-103.—**Poincloux, P.** La vaccination régionale par la porte d'entrée; son emploi en gynécologie. *Paris méd.*, 1930, 77: 548-55. — & **Fron, A.** La vaccination régionale par la porte d'entrée, son emploi en gynécologie. *J. méd. Bordeaux*, 1932, 109: 897-910.—**Ramirez, E.** Algunos puntos de terapéutica hormonal en la práctica ginecológica. *Rev. cir. Hosp. Juárez, Méx.*, 1935, 6: 237-44.—**Reichelt, O.** Was können wir mit der Hormontherapie in der Gynäkologie leisten. *Wien. med. Wschr.*, 1934, 84: 723-5.—**Schwab, E.** Die Behandlung gynäkologischer Erkrankungen mit Eigenblut. *Aerzt. Rdsch.*, 1927, 37: 85-7.—**Schwarz, G.** Die Proteinkörpertherapie in der Gynäkologie und Geburtshilfe. *Deut. med. Wschr.*, 1927, 53: 1721-4.—**Seitz, L.** Innere Sekretion und Frauenheilkunde. *Aerzt. Rdsch.*, 1929, 39: 374-9.—**Servantie, L.** Importance actuelle du test hormonal lapine pour le diagnostic et le pronostic des affections en gynécologie. *Rev. fr. gyn. obst.*, 1934, 29: 1031-6.—**Sichel, M.** Die unspezifische Reiztherapie bei der Prophylaxe und Behandlung geburtschilflich-gynäkologischer Erkrankungen. *Berl. Klin.*, 1926, H. 363, 1-24.—**Siegert, F.** Die Hormonbehandlung gynäkologischer Funktionsstörungen. *Jahrbuch. ärzt. Fortbild.*, 1933, 24: No. 7, 1-18.—**Stábile, A.** La opoterapia en ginecología; terapéutica empírica y terapéutica racional. *Arch. urug. med.*, 1934, 4: 366-86.—**Tachezy, R.** [Hormone treatment in gynecology] *Cas. lék. česk.*, 1933, 72: 1284-8.—**Trapi, J.** [Criticism of hormonal therapy in gynecology] *Ibid.*, 1937, 76: 20-3.—**Tuberovsky, D. D.** [Application of culture of B. bulgaricus in obstetrics and gynecology] *Akush. gin.*, 1938, No. 11, 83-7.—**Vassallo, A.** Sulla opoterapia ginecologica. *Clin. ostet.*, 1926, 28: 94.—**Vignes, H.** Application de l'opothérapie testiculaire aux troubles gyné-

cologiques. Bull. gén. théor., 1926, 177: 193-207. — **Spoliations sanguines en gynécologie.** Ibid., 395-9. — **Wattenwyl, H. von.** Hormonbehandlung in der Frauenheilkunde. Praxis, Bern, 1938, 27: 385-9. — **Weinzierl, E.** Die praktische Bedeutung der Hormonbehandlung in der Gynäkologie. Med. Klin., Berl., 1934, 30: 1486-90. — **Westmann, S.** Entérale Therapie in der Frauenheilkunde mit Hydrolysat aus tierischen Organen und tierischen Eiweißen. Fortsch. Med., 1926, 44: 588. — **Williams, L.** Hormone therapy in gynaecology. Lancet, Lond., 1935, 2: 794-7.

Therapeutics: Cryo-, and thermotherapy.

MODZELEWSKA-RAY, V. *Contribution à l'étude des rayons infra-rouges; leur emploi dans le traitement des affections gynécologiques. 103p. 8°. Par., 1932.

RAAB, E. Grundlagen der gynäkologischen Kurzwellen-Therapie [Berlin] 66p. 24½cm. Stuttgart, 1938.

SCHMIDT, S. *Les ondes hertziennes courtes en gynécologie. 52p. 8°. Par., 1937.

Bénard-Guedes. La diathermie gynécologique, moyen auxiliaire précieux de la curietherapie utéro-vaginale. Commun. Congr. internat. physiothér. (1930) 1931, 5. Congr., Sect. 4, No. 23, 111-27. — **Chapman, W. B.** Diathermy in gynecology, with special reference to the vaginal electrode. J. Radiol., 1925, 6: 361-7. — **Cherry, T. H.** Further advancement in gynecological diathermy. N. York State J. M., 1930, 30: 1333-5. — **Cosgrove, S. A., & Waters, E. G.** Injuries to the vagina resulting from the Elliott treatment. Am. J. Obst., 1933, 25: 729-33. — **Dienz, H.** Die Behandlung entzündlicher Erkrankungen in der Gynäkologie durch Kataplasmawärme-einwirkung. Fortsch. Ther., 1935, 11: 631. — **Doumer.** Gynécologie et haute fréquence. C. rend. Congr. internat. physiothér. (1905) 1906, 1. Congr., 89. — **Fredrikson, H.** [Short-wave therapy in gynecology] Sven. läk. tidn., 1934, 31: 937-50. — **Friederwitzer, H. H.** An interesting gynecological case treated with ultra-short wave therapy. Med. Rec., N. Y., 1935, 142: 83. — **Gentil, F.** A diatermia ginecológica, meio auxiliar precioso da curieterapia útero-vaginal. Arq. pat., 1930, 2: 298; 300. — **Giardina, B.** La terapia a onde ultracorte nel campo ginecologico. Ann. radiol., Bologna, 1936, 10: 145-54. — **Guedes, B.** La diathermie gynécologique, moyen auxiliaire précieux de la curietherapie utéro-vaginale. Arq. pat., 1930, 2: 303-27. — **Heymans, H.** [Diathermy in gynecological infectious processes] Ned. mschr. geneesk., 1927, 14: 523-30, pl. — **Holden, F. C., & Gurnee, W. S.** The Elliott treatment; a new method of applying vaginal heat. Am. J. Obst., 1931, 22: 87-96. — **Kafka, K.** Intravaginale Überwärmetherapie. Wien. med. Wschr., 1938, 88: 45-7. — **Laquerrière, A.** Les courants de hautes fréquences en gynécologie. Prat. méd. fr., 1925, 4: A, 299-303. — **Liepmann, W.** Neue Methode der Wärme- und Belastungstherapie in der Gynäkologie. Med. Welt, 1928, 2: 1896. — **Nicolas, B. D.** [Diathermy in the treatment of women's diseases] Spitalul, 1928, 48: 227-30. — **Renaux.** La diathermie dans les syndromes pseudo-fibromateux. Commun. Congr. internat. physiothér. (1930) 1931, 5. Congr., Sect. 4, No. 33, 170. — **Rochat, R. L.** La d'arsonnalisation diathermique en gynécologie (exposé de quelques résultats obtenus) Schweiz. med. Wschr., 1925, 55: 1159-62. — **Sieburg, F.** Erfahrungen mit der Kurzwellentherapie gynäkologischer Erkrankungen. Med. Welt, 1936, 10: 1511-3. — **Ten Berge, B. S.** [Diathermo-coagulation as a method of treatment in gynecological diseases] Ned. tschr. geneesk., 1927, 71: 2110-20. — **Vercesi, C.** Diatermia in ginecologia. Fol. gyn., Pavia, 1925-26, 21: 585-606.

Therapeutics: Diet.

SELLHEIM, H. Hygiene und Diätetik der Frau. 354p. Münch., 1926.

Bauer, A. W. Ernährungsbehandlung in der Gynäkologie und Geburtshilfe. Med. Klin., Berl., 1934, 30: 18; passim.

— **Diät-Kuren in der Frauenheilkunde.** Deut. Aerzte Ztg, 1935, 10: No. 420. — **Deccio, C.** La dietoterapia nel campo ginecologico. Athena, Roma, 1936, 5: 103-9. — **Fraenkel, L.** Diätetik in Geburtshilfe und Gynäkologie. Med. Welt, 1931, 5: 743-6. — **Gabriel & Leven, R.** Le rôle du régime alimentaire dans le traitement des affections gynécologiques. Clinique, Par., 1933, 28: 193. — **Guggisberg, H.** Conceptions modernes de l'alimentation et gynécologie. Rev. méd. Suisse rom., 1928, 48: 325-36. — **Novak, J.** Bedeutung diätetischer Massnahmen in der Geburtshilfe und Gynäkologie. Wien. klin. Wschr., 1931, 44: 676-9. — **Pälz, A.** Die Verwendung bestrahlter Fette in der Gynäkologie. Ibid., 1930, 43: 272. — **Weibel, W.** Die Bedeutung der Vitamine für die Frauenheilkunde. Zschr. ärztl. Fortbild., 1931, 28: 760-3.

Therapeutics: Electrotherapy.

Delherme, L. Multa rensacentur. Rev. actin., Par., 1935, 11: 75-9. — **Fainsilber.** Notes comparatives sur les méthodes anciennes et les méthodes modernes d'électrothérapie gynécologique. J. radiol. électr., 1934, 18: 376-80. — **Dimier, G.** Le courant continu et le courant faradique dans quelques

affections gynécologiques. Arch. électr. méd., 1914, 25: 57-83. — **Jouravleff, A.** L'électroionothérapie en gynécologie. Gaz. hôp., 1926, 99: 446-9. — **Korolev, I. I.** [Ichtyol iontophoresis in gynecological inflammatory affections] Akush. gin., 1937, No. 8, 102-5. — **Laquerrière, A.** L'introduction électrolytique de l'ion salicylé comme analgésique en gynécologie. J. méd. fr., 1925, 14: 325-7. — **Les méthodes électriques anciennes en gynécologie.** Presse therm. clim., 1929, 70: 138-43. — **Orlov, S. I., & Malevich, V. I.** [Tests with reflex segmental electrotherapy by the method of negative repulsion in gynecological affections] Akush. gin., 1937, 51-4. — **Pavlik, L.** [Electrotherapy in gynecology] Cas. lek. česk., 1940, 79: 337-40. — **Savill, A.** The use of medical electricity, with special reference to gynaecology. Med. Press & Circ., Lond., 1934, 188: 196-9. — **Snow, M. L. H.** The static modalities in gynecology. Med. J. & Rec., 1926, 124: 779-81. Also repr.

Therapeutics: Phototherapy.

MACK, M. *Die Anwendungsgebiete und Anwendungsmöglichkeit des Lichtes in der Frauenheilkunde [München] 24p. 22cm. Bleicherode a. Harz, 1936.

Bramesfeld, H. Die Lichtbehandlung in der Gynäkologie. Strahlentherapie, 1926, 22: 352-61. — **Dangschat, E.** Lokalbehandlung mit ultravioletten Strahlen und Hochfrequenzströmen; die Quarzelektroden nach Gallois in der Gynäkologie. Med. Welt, 1928, 2: 1094-6. — **Dick, V. G.** [Heliotherapy in gynecologic diseases] Vrach. delo, 1931, 14: 499-503. — **Guthmann, H.** Die Lichtbehandlung in der Frauenheilkunde. Internat. Radiother., Darmst., 1926-27, 2: 914-31. Also Strahlentherapie, 1928, 28: 341-58. — **Ultravioletlichtbiologie und -therapie in der Frauenheilkunde.** Kongrber. Internat. Kongr. Lichtforsch., 1936, 3. Congr., 612-21. Also Strahlentherapie, 1938, 61: 545-54. — **Kafka, K.** Intravaginale U.V.-Licht- und Wärmestrahlen-therapie. Wien. med. Wschr., 1938, 88: 382-4. — **Kiefer, K. H.** Ueber die Verwendung der verbrennungsfreien Ultraschall (Landecker-Steinberg) in der Gynäkologie. Zschr. ges. phys. Ther., 1927-28, 34: 173-93. — **Landeker, A.** Die vaginale Heliotherapie bei gynäkologischen Erkrankungen. Röntgenpraxis, 1931, 3: 415-24. — **Merletti, C.** Vantaggi dell'impiego associato delle correnti diatermiche e dei raggi ultra-violetti in ginecologia. Riv. ital. gin., 1923, 2: 119-35. — **Meyer, F. G.** Die Bedeutung der Ultraschalltherapie (System Dr. Landecker) für die chirurgisch-gynäkologische Praxis. Zschr. ges. phys. Ther., 1931, 41: 32-41. — **Montuoro, F.** L'elioterapia in ginecologia. Riv. ostet. gin., 1937, 19: 307-9. — **Neufeld, N.** Die Ultra-Sonne in der Gynäkologie. Mschr. Geburtsh. Gyn., 1927, 77: 16-21. — **Pierrel, L. M.** La place de l'héliothérapie en gynécologie. Rev. actin., Par., 1928, 4: 24-52. — **L'héliothérapie en gynécologie (d'après 300 observations personnelles)** Rev. fr. gyn. obst., 1929, 24: 210-37. — **Schubert, von.** Physikalische zur Landecker'schen Ultravioletbehandlung. Zbl. gyn., 1926, 50: 1746-9. — **Vignes, H.** De l'emploi des rayons ultra-violet en thérapeutique et, plus spécialement, en thérapeutique gynécologique. Bull. gén. théor., 1929, 180: 1-12.

Therapeutics: Physiotherapy.

CALATRONI, C. J., & RUIZ, V. Terapéutica ginecológica. T. I. 457p. 23½cm. B. Air., 1938.

DANIEL, G. Physiothérapie en gynécologie. 400p. 8°. Par., 1931.

GÄL, F. Physikalische Therapie der Frauenkrankheiten; kurzes Lehrbuch für praktische Aerzte mit besonderer Berücksichtigung der Indikationen. 236p. 8°. Berl., 1932.

LAQUEUR, A., RUMP, W., & WINTZ, H. Die physikalische Therapie in der Gynäkologie. 476p. 8°. Münch., 1930.

LÜTTGE, W. Wärme-Bäder- und Strahlenbehandlung der Frauenkrankheiten. 164p. 25cm. Stuttgart, 1938.

SCHINDLER, F. *Die Bedeutung der physikalischen Behandlungsmethoden für die Gynäkologie [München] 27p. 8°. Augsburg, 1930.

Abramson, M. Technique of physical therapeutic methods in gynecology. Arch. Phys. Ther., 1936, 17: 293-8. — **Chertok, R. A.** [Principles of certain physiotherapeutic methods applied in gynecology] Tr. Gosud. nauch. inst. fizioter. Semashko, 1934, 2: 136-47. — **Desplats, R.** La physiothérapie en gynécologie; son cadre actuel. Bull. méd., Par., 1937, 51: 819-25. — **Favreau, M., & Cordonnier, V.** Les agents physiques en gynécologie. 1. obst. gyn., Par., 1935, 6: No. 5, 3-24. — **Flaskamp, W.** Ueber Licht- und Wärmebehandlung in der Gynäkologie. Strahlentherapie, 1929, 32: 672-94. — **Franken, H.** Physikalische Heilmethoden einschliesslich der Hydrotherapie. Mschr. Geburtsh. Gyn., 1933, 94: 189; 1937, 105: 228. — **Kann, A.** Application intrarectale des procédés physicothérapeutiques en gynécologie. Presse therm. clim., 1930, 71:

561-7.—**Landucci, F.** L'esercizio della ginecologia nella pratica ospitaliera. *Atti Soc. ital. ostet.*, 1909, 15: 193-6.—**Liebermann, von.** Heilgymnastische Beeinflussung gynäkologischer Erkrankungen. *Med. Klin., Berl.*, 1928, 24: 1749-51.—**Löhöfel, E.** Sport als Therapie in der Frauenpraxis. *Fortsch. Med.*, 1931, 49: 643-9.—**McGuinness, M. C. L.** Physical therapy in gynecology. In *Textbook of physical ther.* (Wolf, H. F.) N. Y., 1933, 358-87. — Nonoperative physical measures in gynecology. *N. York State J. M.*, 1934, 34: 533-9.—**Mathey-Cornat, R.** La radiothérapie et la physiothérapie gynécologiques aux Congrès de gynécologie. *J. radiol. électr.*, 1935, 19: 600-3.—**Meldolesi, G.** La fisioterapia nelle affezioni acute ginecologiche. *Clin. ostet.*, 1936, 38: 426-8.—**Mueller, E. A.** Physikalische Therapie in der gynäkologischen Praxis. *Med. Welt*, 1933, 7: 1172-4.—**Netter, L.** Le massage gynécologique: sa place dans la thérapeutique gynécologique; mode d'action, technique, indications. *Monde méd.*, 1927, 37: 879-92. — La kinésithérapie de la douleur en gynécologie. *Strasbourg méd.*, 1933, 93: 838-42.—**Pomini, F.** Le cure diatermiche ed i raggi ultravioletti in ginecologia. *Clin. ostet.*, 1926, 28: 233-46.—**Stäpfer.** La kinésithérapie gynécologique. *Rapp. Congr. internat. physiothér.*, 1910, 3. Congr., 44-56.—**Tannenbaum, V.** Physical therapy in gynecological office practice. *N. York State J. M.*, 1933, 33: 647-50.—**Tchertok, R. A.** Principes de la physiothérapie gynécologique. *Gyn. obst.*, Par., 1935, 32: 62-76.—**Terrizzano, V. M.** Kinesiterapia ginecologica: bases; historia, divisiones. *Sem. méd.*, B. Air, 1936, 43: pt 2, 606-11. — Kinesiterapia ginecologica: accion; técnica; aplicaciones. *Ibid.*, 1431-41.—**Waddington, J. E. G.** Indicated and non-indicated physiotherapy in gynecology. *Am. J. Phys. Ther.*, 1925-26, 2: 304-6.—**Walke, F. H.** Physical agents in the treatment of gynecological conditions. *N. Orleans, M. & S. J.*, 1930-31, 83: 553-9.—**Westmann, S.** Die Frauengymnastik und ihre Beziehungen zur Heilkunde. *Med. Klin., Berl.*, 1927, 23: 1212; 1251.—**Wetterwald, F.** La kinésithérapie gynécologique; aperçu général. *Presse therm. clim.*, 1929, 70: 157-61.—**Willmoth, A. D.** Practical physiotherapy in gynecology. *Med. Herald*, 1925, 44: 261-6.—**Wilson, J.** Physiotherapy in gynaecology. In *Recent Advances Obst.* (Bourne-Williams) 4. ed., Phila., 1930, 328-43.—**Zimmern, A., Hetter, L., & Pecker, A.** Physiothérapie de la douleur en gynécologie. *Rev. fr. gyn. obst.*, 1933, 28: 607-39.

— Therapeutics: Radiotherapy.

COHN, H. G. *Ueber Bestrahlung in der Gynäkologie. 26p. 8°. Bresl., 1927.

EYMER, H., RUMP, W. [et al.] Die Strahlentherapie in der Gynäkologie. 2v. 1393p. pagged consec. 8°. Berl., 1929.

RUNGE, E. Praktikum der gynäkologischen Strahlentherapie. 568p. 8°. Lpz., 1921.

Amreich, J. Die Radium-Röntgen-Therapie in der Gynäkologie. *Wien. klin. Wschr.*, 1926, 39: H. 46, Sonderbeil., 1-16.—**Arons, I.** Radiation in gynecology. *J. Am. Inst. Homeop.*, 1929, 22: 221-33.—**Bardeleben, H. von.** Strahlentherapie in der Gynäkologie. *Med. Welt*, 1928, 2: 1705-8.—**Barris, J. D., & Donaldson, M.** Radiological work in the Gynecological Department, St Bartholomew's Hospital. *Acta radiol.*, Stockh., 1929, 10: 379-92.—**Benthin, W.** Grenzen und Gefahren der konservativen Therapie der Frauenkrankheiten mit besonderer Berücksichtigung der Strahlenbehandlung. *Med. Klin., Berl.*, 1926, 22: 719-21.—**Bolaffio, M.** Der gegenwärtige Stand der gynäkologischen Radiotherapie. *Strahlentherapie*, 1930, 36: 201-36.—**Burty.** A propos de la radiothérapie en gynécologie. *Bull. Soc. chir. Paris*, 1929, 21: 316.—**Clerici, A.** La radioterapia delle malattie delle donne. *Gazz. osp.*, 1928, 49: 1301-3.—**Courmelles, F. de.** Les rayons X et le radium en thérapeutique gynécologique. *Acta radiol.*, Stockh., 1926, 6: 322-6.—**Donaldson, M.** Radiation therapy in gynecology. *Brit. J. Radiol.*, 1930, n. ser., 3: 246-58. Also In *Postgrad. Surg.* (Maingot, R.) N. Y., 1936, 1: 1625-82.—**Engelbrecht, C. H.** Die gynäkologische Strahlentherapie im Jahre 1924. *Mtschr. Geburtsh. Gyn.*, 1926, 72: 81-94.—**Engelmann, F.** Unsere Erfahrungen und Erfolge mit der Strahlenbehandlung von Frauenleiden. *Klin. Wschr.*, 1928, 7: 1607-9.—**Finzi, N. S.** Discussion on radiotherapy in the treatment of non-malignant gynecological conditions. *Proc. R. Soc. M., Lond.*, 1933, 26: 637-53.—**Ford, F. A., & Nelson, H. M.** Treatment of functional gynecologic disorders by pituitary and ovarian irradiation. *J. Michigan M. Soc.*, 1937, 36: 457-60.—**Foveau de Courmelles.** Les rayons X et le radium en gynécologie. *Arch. électr. méd.*, 1913, 23: 201-19.—**Fürst, W.** Ueber Strahlenschädigungen vom Standpunkt des Gynäkologen aus. *Schweiz. med. Wschr.*, 1927, 57: 591-7.—**Gauss.** Was leistet die Strahlentherapie in der Gynäkologie? *Zschr. Urol.*, 1926, 20: 671-3.—**Haller, A.** A propos de la radiothérapie en gynécologie. *Bull. Soc. chir. Paris*, 1929, 21: 210-5.—**Havlascek, L.** [Röntgen-radium-chemotherapy in women's diseases] *Bratisl. lek. listy*, 1934, 14: Priloha No. 9, 119-6.—**Heimann, F.** Die Fortschritte der Strahlentherapie in der Frauenheilkunde. *Deut. med. Wschr.*, 1925, 51: 1707, 1744. — Der heutige Wert der Strahlenbehandlung in der Gynäkologie. *Med. Klin., Berl.*, 1930, 26: 1545-9.—**Jaroschka, K.** Ueber indirekte Bestrahlungen in der Gynäkologie. *Arch. Gyn.*, Berl., 1927, 132: 80-6.—**Kamniker, H.** Operieren oder Bestrahlen in der Gynäkologie. *Wien. klin. Wschr.*, 1934, 47: 1573-8.—**Kaplan, I. I.** Radiation

therapy in gynecology. *Am. J. Obst.*, 1928, 16: 855-60.—**King, J. B.** Some aspects of radiotherapy in relation to gynecology. *Tr. Edinburgh Obst. Soc.*, 1932-33, 53: 33-43.—**Knospe, H.** Die Strahlentherapie in der Braudenbürgischen Landesfrauenklinik. *Mtschr. Geburtsh. Gyn.*, 1931, 87: 198-203.—**Lahn, W.** Die Entwicklung der Strahlentherapie in den Jahren 1924-26 auf dem Gebiete der Gynäkologie in Deutschland und den anderen Kulturstaaten. *Internat. Radiother. Darmst.*, 1925-26, 1: 876-94.—**Martius, H.** Die sogenannten Reizbestrahlungen in der Gynäkologie. *Strahlentherapie*, 1925-26, 21: 242-59.—**Mathey-Cornat, R.** Indications de la radiothérapie des affections gynécologiques inflammatoires. *J. radiol. électr.*, 1939, 23: 390-6.—**Mikulicz-Radecki, F. von.** Die Strahlenbehandlung der malignen Geschwülste in der Gynäkologie. *Beihfte Med. Klin.*, 1927, 23: 161-4.—**Müller, E. H.** Die Strahlenbehandlung in der Gynäkologie (1928) *Mtschr. Geburtsh. Gyn.*, 1929, 83: 436-48.—**Neill, W., Jr.** Some notes on the value of radiation in gynecology. *West Virginia M. J.*, 1935, 31: 71-3.—**Norris, C. C., & Vogt, M. E.** Radiation in gynecology. *Surg. Clin. N. America*, 1927, 7: 315-38.—**Ostrel, A.** [Actual results of radiotherapy in gynecology, with past and future use, based on clinical experiences] *Cas. lek. zesk.*, 1926, 65: 1597-601. — **Novák, F. V.** [Deep radiotherapy in gynecology] *Ibid.*, 456.—**Pemberton, F. A.** Complications of radiation treatment in gynecology. *Am. J. Obst.*, 1932, 24: 552-60. Also *Tr. Am. Gyn. Soc.*, 1933, 57: 119-30.—**Petit de la Villeon.** A propos de la radiothérapie en gynécologie. *Bull. Soc. chir. Paris*, 1929, 21: 268.—**Pickhan, A.** Lebensbedrohliche Komplikationen der gynäkologischen Strahlenbehandlung durch entzündliche Prozesse, ein Beitrag zur primären Mortalität der Röntgen- und Radiumbestrahlung. *Zbl. Gyn.*, 1929, 53: 1515-22.—**Portmann, U. V.** Radiotherapy in benign gynecological conditions. *Med. Arts*, 1931, 34: 75-83. The value of irradiation in some benign gynecological conditions. *Surg. Clin. N. America*, 1936, 16: 1061-71.—**Probstner, A.** [Radiotherapy in gynecology] *Budapesti orv. ujs.*, 1936, 34: 389-92.—**Rousseau, J. P.** The value of radiation therapy in benign gynecological diseases. *South. M. & S.*, 1937, 99: 51-7.—**Schoenhof, C.** Die Schwachbestrahlung in der Gynäkologie. *Entzündungen.* *Med. Klin., Berl.*, 1926, 22: 1604-7.—**Schoenholz, L.** Was kann der Arzt von der Strahlentherapie in der Gynäkologie erwarten? (Karzinom und Myom) *Deut. med. Wschr.*, 1926, 52: 2031-5.—**Schoener, M.** Die Strahlentherapie in der Gynäkologie im Jahre 1929. *Mtschr. Geburtsh. Gyn.*, 1931, 87: 204-26.—**Seitz, L.** Stimulierende Reizbestrahlung bei Frauenleiden. *Strahlentherapie*, 1926, 24: 227-52.—**Sejournet & Bonneau, R.** A propos de la radiothérapie en gynécologie. *Bull. Soc. chir. Paris*, 1929, 21: 229-32.—**Seuffert, von.** Sur la radiothérapie en gynécologie. *Arch. électr. méd.*, 1913, 23: 375-88.—**Soler, L.** Colaboremus en pro de la evidente acción de la radioterapia en el tratamiento de las enfermedades ginecologicas. *Rev. españ. obst. gin.*, 1931, 16: 778-86.—**Valentin, E.** Neuartiges intravaginales Bestrahlungsverfahren, Kombination von therapeutischem Licht, strahlender und Kontakt-Wärme. *Med. Welt*, 1928, 2: 1096-9.—**Vignes, H., & Béclère, C.** Der heutige Stand der gynäkologischen Strahlentherapie in Frankreich. *Mtschr. Geburtsh. Gyn.*, 1930, 85: 390-409.—**Werner, P.** Welche Bestrahlungsverfahren stehen uns zur Verfügung, um bei jungen Frauen die Ovarialbestrahlung zu ersetzen. *Wien. klin. Wschr.*, 1927, 40: 197. — Indikationen und Erfolge der Strahlenbehandlung in der Gynäkologie. *Ibid.*, H. 44, Sonderbeil., 1-12. — Strahlenbehandlung in der Gynäkologie. *Wien. med. Wschr.*, 1929, 79: 1350-4.

— Therapeutics: Radium therapy.

ADLER, L. Die Radiumbehandlung maligner Tumoren in der Gynäkologie, Grundlagen, Technik und Erfolge nebst Bericht über 250 behandelte Fälle. 258p. 8°. Berl., 1919.

JARRIAULT, M. *Le radium dans le traitement des affections gynécologiques autres que le cancer. 63p. 8°. Par., 1932.

Amreich, J. Die Radiumtherapie in der Gynäkologie. *Wien. med. Wschr.*, 1928, 78: 57, 83, 117.—**Block, F. B.** Radium in gynecology. *Arch. Phys. Ther.*, 1926, 7: 137-9.—**Bowing, H. H., & Fricke, R. E.** Report of gynecologic radium therapy for 1938. *Proc. Mayo Clin.*, 1939, 14: 825-7.—**Ciplijauskas, J.** [Application of radium in gynecology] *Medicina, Kaunas*, 1928, 9: 451-8.—**Danforth, W. C.** The use of radium in gynecology. *Illinois M. J.*, 1926, 49: 80-3.—**Dautwitz.** Die äussere Bestrahlung mit radioaktiven Körpern mit Ausschluss der gynäkologischen Erkrankungen. *Fortsch. Röntgenstrahl.*, 1927, 36. Kongr. [Beih.] 58-60 [Discussion] 62.—**Donaldson, M.** Radium in the treatment of gynecological conditions. *Lancet, Lond.*, 1930, 1: 455-7. — **Lymham, J. E. J.** [et al.] Discussion on the position of radium in the treatment of gynecological conditions. *Proc. R. Soc. M., Lond.*, 1929-30, 23: Sect. Obst. Gyn. &c., 97-115.—**Eymer, H.** Die Radiumbehandlung in der Gynäkologie. *Deut. med. Wschr.*, 1927, 53: 2069-72. Also *Fortsch. Röntgenstrahl.*, 1927, 36. Kongr. [Beihft.] 60-3. Also *Strahlentherapie*, 1927, 26: 65-78.—**Fite, P.** Impressions after 10 years' use of radium in gynecological conditions. *J. Oklahoma M. Ass.*, 1933, 26: 406-12.—**Forsdike, S.** Radium in gynaecology. *Brit. M. J.*, 1930, 2: 468-71. Also *Canad. M. Ass. J.*, 1930, 23: 792-7.—**Gagey, J.**

Curietherapie gynécologique. *Gyn. obst., Par.*, 1929, 20: 599-602.—**Gasquet, P.** Du traitement émanothérapique des affections gynécologiques et présentation d'appareils. *Rev. fr. obst. gyn.*, 1932, 27: Suppl., 169-78.—**Geus, C. J. H. de** [Moulanges of gynecological radium treatment] *Geneesk. tscrh. Ned. Indië*, 1936, 76: 2779-86.—**Gough, A.** Radium in gynecology. *Clin. J., Lond.*, 1937, 66: 3-8.—**Kane, H. F.** Dystocia following the intrauterine use of radium. *Am. J. Obst.*, 1935, 29: 264-6.—**Laquerrière.** Application de la méthode de Haret à la gynécologie (introduction électrolytique du radium) *Arch. électr. méd.*, 1913, 23: 516-8.—**Lieharbt, S., & Meisels, E.** Ueber die sogenannten Spätschädigungen nach Radiumbestrahlungen in der Gynäkologie. *Strahlentherapie*, 1931, 40: 508-14.—**Magian, A. C.** Radium in gynecology. *Clin. J., Lond.*, 1926, 55: 20-3.—**Massone, M.** Contributo alla radiumenteria in ginecologia. *Atti Soc. ital. ostet.*, 1927, 26: 315.—**Miller, C. J.** Contra-indications to the use of radium in gynecology. *Internat. Clin.*, 1926, 36. ser., 1: 120-5.—**Milnor, G. C.** The use of radium in the practice of gynecology. *Tr. Hawaii M. Ass.*, 1935, 45: 35-40.—**Murray, E. F.** Radium treatment in gynecology. *Newcastle M. J.*, 1936, 16: 32-4.—**Norris, C. C., & Behney, C. A.** Radium in gynecology. In *Cyclop. Med.* (Piersol-Bortz) Phila., 1940, 13: 255-324.—**Novák, F. V.** [Technique of radium application in gynecology] *Cas. lék. česk.*, 1926, 65: 1689-91.—**Robinson, E. K.** Avoiding complications in gynecological radium therapy. *J. Missouri M. Ass.*, 1934, 31: 47-50.—**Rychlowski, Z.** [Radium in treatment of gynecological affections and benign tumors of the sexual organs] *Polska gaz. lek.*, 1938, 17: 83-5.—**Seuffert, E. R. von.** Radiumbehandlung der gutartigen Frauenleiden. *Strahlentherapie*, 1927, 27: 81-105.—**Siebert, F.** Radiumbehandlung in der Gynäkologie. *Fortsch. Ther.*, 1936, 12: 65-72.—**Stevens, T. G.** The uses of radium in gynecology. *S. Mary's Hosp. Gaz., Lond.*, 1926, 32: 118-20. Also *Clin. J., Lond.*, 1927, 56: 421, 1929, 58: 277.—**Swanberg, H.** A new type of vaginal radium applicator. *Arch. Phys. Ther.*, 1935, 16: 598-600.—**Gynecologic radium therapy.** *Radiol. Rev.*, 1938, 60: 217-24.—**Tichý, J.** [Wickham's method in application of radium in gynecology and its modification] *Cas. lék. česk.*, 1940, 79: 270-3.—**Valakh, L.** [First attempts in treating gynecological diseases by radium emanation] *Bratisl. lek. listy*, 1932, 12: 345.—**Vartan, K.** The value of radium in non-malignant gynecological conditions, a lecture delivered at Chelsea Hospital for Women. *Postgrad. M. J., Lond.*, 1933, 9: 180-4.—**Voltz, F.** Die Radiumtherapie in der Gynäkologie. *Mscrh. Geburtsh. Gyn.*, 1932, 90: 229, 1933-34, 96: 71.—**Ward, G. G.** The complications of radium therapy in gynecology. *Am. J. Obst.*, 1933, 25: 1-10.—**Radium therapy in gynecology.** *Ibid.*, 1940, 40: 158-70. Also repr.—**Weigand, H.** Zur Technik der Radiumapplikation in der Gynäkologie. *Fortsch. Röntgenstrahl.*, 1927, 36. Kongr. (Beihft.) 64 [Discussion] 68. Also *Strahlentherapie*, 1927, 27: 54-69.—**Wilson, K.** Gynecological notes, with a special reference to the use of radium. *Med. J. Australia*, 1930, 2: 786-92.

Therapeutics: Roentgen therapy.

KÜMMERLING, K. *Ueber das Verhalten des roten Blutbildes insbesondere der Reticulocyten nach Röntgenbestrahlungen bei gynäkologischen Erkrankungen [Halle-Wittenberg] 23p. 8°. Berl., 1933.

MARTIUS, H. Einführung in die gynäkologische Strahlentiefentherapie. 50p. 12°. Bonn, 1921. Also 2. Aufl. 64p. 1923.

WINTZ, H., & WITTENBECK, F. Klinik der gynäkologischen Röntgentherapie. 1. Teil: Die Behandlung der gutartigen Erkrankungen. 714p. 8°. Münch., 1933.

Bosch, H., & Leupold, W. Die Röntgentherapie in der Gynäkologie von August 1935 bis Dezember 1936. *Mscrh. Geburtsh. Gyn.*, 1937, 105: 171-87.—**Bosch, H., & Rächinger, H.** Die Röntgentherapie in der Gynäkologie vom Januar bis Oktober 1937. *Ibid.*, 1937-38, 107: 98-111.—**Campbell, R. E.** X-ray therapy in gynecological conditions. *Proc. Inst. M. Chicago*, 1940-41, 13: 272.—**Cassidy, L., & Stumpf, R.** X-ray treatment of non-malignant cases in gynecology. *Proc. Interst. Postgrad. M. Ass. N. America* (1928) 1929, 548-52.—**Englebrecht, C. H.** Die gynäkologische Strahlentherapie im Jahre 1925. *Mscrh. Geburtsh. Gyn.*, 1926, 75: 189-208.—**Feldweg, P.** Erfahrungen mit Dauerdosimetrie bei gynäkologischer Tiefentherapie. *Strahlentherapie*, 1928-29, 31: 566-74.—**Fricke, R. E.** High voltage Roentgen ray therapy in gynecological practice. *J. Radiol.*, 1925, 6: 304-6.—**Gajzagó, J.** [Antiphlogistic roentgen therapy in gynecology] *Magy. röntg. közl.*, 1938, 12: 9-15.—**Guthmann, H.** Die Behandlung der gynäkologischen Entzündungen mit Röntgenstrahlen. *Klin. Wschr.*, 1928, 7: 1236-9.—**Hanks, M. E.** The Roentgen ray as a remedy in fibroids and other gynecologic diseases. *Illinois M. J.*, 1926, 49: 414-9. The Roentgen ray as a remedy in benign gynecologic diseases; a summary of 11 years observation. *Ibid.*, 1927, 52: 308-13.—**Röntgen therapy in fibromyomata and other benign gynecologic cases; a clinical report of 12 years' experience.** *Radiology*, 1929, 12: 403-11.—**Herold, K.** Kritisches über den gegenwärtigen Stand der Röntgentiefentherapie in der Gynäkologie. *Deut. med.*

Wschr., 1927, 53: 753; 840.—**Kaplan, I. I.** Irradiation with small doses in the treatment of functional gynecological conditions. *Am. J. Roentg.*, 1939, 42: 731-44. Also repr.—**Kuser, L. W.** The X-ray in benign gynecologic conditions. *Texas J. M.*, 1936-37, 32: 45-7.—**Lifshitz, S.** [Successes of röntgentherapie in gynecology] *Beloruss. med. misl.*, 1924-25, 2: No. 4-6, 133-5.—**Müller, J. H.** Die Strahlentherapie und die Röntgendiagnostik in der Gynäkologie im Jahre 1938; Uebersichtsreferat mit besonderer Berücksichtigung der genetischen Strahlenwirkungen. *Mscrh. Geburtsh. Gyn.*, 1939, 109: 105-13.—**Pohle, E. A.** X-ray therapy in gynecological conditions. *Proc. Inst. M. Chicago*, 1940-41, 13: 273.—**Sahler, J.** Ueber die Ergebnisse der Hypophysenbestrahlung bei gynäkologischen Erkrankungen. *Zschr. Geburtsh. Gyn.*, 1927, 92: 25-45.—**Schaefer, W.** Die Methode der Kontakttherapie in der Gynäkologie. *Wien. med. Wschr.*, 1936, 86: 959. Also *Strahlentherapie*, 1937, 58: 606-8.—**Schmitt, W.** Ueber die Anwendungsmöglichkeiten von Organbestrahlungen in der Gynäkologie. *Fortsch. Ther.*, 1928, 4: 545-52.—**Schneider, G. H.** Die Ergebnisse der Milzbestrahlungen in Kombination mit Röntgentherapie bei gynäkologischen Erkrankungen. *Mscrh. Geburtsh. Gyn.*, 1928, 80: 146-53.—**Schubert, E. von.** Ueber die Indikationsstellung von Röntgenbestrahlung bei gutartigen Erkrankungen im Gebiet der Gynäkologie. *Fortsch. Ther.*, 1930, 6: 524-7.—**Schumacher, P.** Klinische Erfahrungen mit protrahiert-fraktionierter Intensiv-Röntgenbestrahlung bei inoperablen und rezidivierenden malignen Genitaltumoren und Mammakarzinomen. *Strahlentherapie*, 1933, 47: 338-43.—**Shanks, S. C.** X-rays in gynaecology. In *Textb. X-ray Diagn.* (Shanks, S. C. [et al.]) *Lond.*, 1938, 2: 363-79.—**Siedentopf, H.** Klinische Erfahrungen mit der Röntgenschwachbestrahlung bei gynäkologischen Entzündungen. *Strahlentherapie*, 1929, 33: 637-51.—**Stafford, O. R.** X-ray therapy in gynecology. *Radiol. Rev.*, 1929, 51: 246-8.—**Steinhardt, B.** Die Röntgenbestrahlung der Hypophyse bei gynäkologischen Erkrankungen. *Zschr. Geburtsh. Gyn.*, 1932, 102: 481-507.—**Stiebock, L. H.** Dreiteiliges Bestrahlungsspekulum zur Einstellung der seitlichen Partien des hinteren Scheidengewölbes nach Stiebock. *Med. Klin., Berl.*, 1928, 24: 143.—**Szénási, J.** Beiträge zur chirurgischen Behandlung der Röntgenspätbeschädigungen, mit besonderer Berücksichtigung der gynäkologischen Röntgenverbrennungen. *Zbl. Gyn.*, 1929, 53: 1405-16.—**Wagner, G. A.** Die Röntgentherapie der entzündlichen Erkrankungen in der Gynäkologie. *Strahlentherapie*, 1926, 24: 52-72. Also *Ther. Gegenwart*, 1928, 69: 22-6.—**Werner, P.** Roentgen ray treatment of benign gynecologic diseases. *Am. J. Obst.*, 1927, 13: 54-60. Zur Anwendung der Röntgenstrahlen in der Geburtshilfe und Gynäkologie. *Med. Klin., Berl.*, 1939, 35: 344-6.—**Wittenbeck, F.** Die Röntgentherapie in der Gynäkologie vom Juli 1932 bis Juli 1933. *Mscrh. Geburtsh. Gyn.*, 1933-34, 96: 53-70. Die Röntgentherapie in der Gynäkologie (Juli 1933 bis Juli 1934) *Ibid.*, 1934-35, 98: 223-36.—**Yasui, S., & Moriyama, Y.** Die Röntgenbestrahlung der Hypophyse und der Schilddrüse bei gynäkologischen Erkrankungen. *Nippon fujinkagakkai zasshi*, 1934, 29: 31-4.

GYNECOMASTY.

See under **Breast, male.**

GYNERGEN.

See under **Ergot.**

GYNOCARDIA.

See **Chaulmoogra; Hydnocarpic acid.**

GYOERY, Tibor. 1869-1938. Der Morbus Brunogallieus (1577) ein Beitrag zur Geschichte der Syphilisepidemien. 35p. 8°. Giessen, A. Töpelmann, 1910-14.

In *Hist. Biol. Krankheitsserreg.* (Sudhoff & Sticker) Heft 6.

For portrait, photograph see collection in library.

For biography see *Budapesti orv. ujs.*, 1938, 36: 72. Also *J. Am. M. Ass.*, 1938, 111: 2135. Also *Orv. herv.*, 1938, 82: 49 (Vámosy). Also *Orvosképzés*, 1938, 28: 313-7 (W. von Brunn).

GYOGYASZAT [Medical science] *Budap.*, v. 69, 1919—

GYR, Edouard. Le problème du terrain dans la tuberculose; essai clinique sur le métabolisme phosphoré. 93p. ch. 24cm. S. Cloud, Impr. Girault, 1936.

GYSI, Alfred, 1865—

See **Williams, J. Leon, & Gysi, Alfred.** Trubyte teeth for denture restoration. 77p. 8°. N. Y. [1935]

For biography see *Schweiz. Mscrh. Zahnk.*, 1935, 45: 744-8. portr. (W. Hess)

GYSI, Werner. *Ueber einen Fall von Anencephalie [Lausanne] 30p. 8°. Zür., Inst. Orell Füssli, 1935.

Also *Schweiz. Arch. Neur. Psychiat.*, 1936, 38: 69-96.

GYSIN, Ernst, 1907— *Neue Untersuchungen am Foramen apicale [Basel] 28p. 8°. Laupen-Bern, Polygraph. Ges., 1934.

GYSIN, Hanspeter. *Beitrag zur Frage nach den Zusammenhängen zwischen metencephalischen und schizophrenen Psychosen [Basel] 38p. 8°. Pratteln, H. Bühler, 1937.

GYSIN, Paul. *Die Leistungen der Geburtshilfe für die Kinder an der Basler Frauenklinik 1868-1935 [Basel] 28p. 21cm. Liestal, P. Heinzelmann, 1939.

GYPSUM.

See also **Calcium, Compounds; Plaster of Paris; Silicosis**.

Brumfiel, D. M. Gypsum industry; clinical picture and X-ray findings. *Sympos. Silicosis*, 1939, 4. *Sympos.*, 170-6.—**Durkan, T. M.** Gypsum industry; atmospheric conditions. *Ibid.*, 166-9.—**Riddell, A. R.** Clinical investigations into the effects of gypsum dust. *Canad. Pub. Health J.*, 1934, 25: 147-50.—**Scott, W. W.** Standard methods of testing gypsum and gypsum products; adopted by A. S. T. M. in amended form, revised 1927, 1930, 1933. In *his Standard Meth. Chem. Analysis*, 5. ed., N. Y., 1939, 214-7.

GYPSY.

FINGER, O. *Studien an zwei asozialen Zigeunermischlings-Sippen (ein Beitrag zur Asozialen- und Zigeunerfrage) 68p. 8°. Giessen, 1937.

PETULENGRO, G. *Romany remedies and recipes*. 4. ed. 47p. 8°. Lond., 1935.

Demtsa, P. [The question of migrating gypsies] *Népegézségügy*, 1939, 20: 897-900.—**Forbin, V.** L'origine des Tziganes. *Presse méd.*, 1940, 48: 613.—**Heiczinger, J.** [The problem of gypsies in rural communities] *Népegézségügy*, 1939, 20: 900-3.—**Incrocio** con gli zingari. *Rinasc. med.*, 1939,

16: 87.—**Krämer, R.** Rassistische Untersuchungen an den Zigeuner-Kolonien Lause und Altengraben bei Berleburg (Westf.) *Arch. Rassenb.*, 1937, 31: 33-56.—**Lebzelter, V.** Anthropologische Untersuchungen an serbischen Zigeunern. *Mitt. Anthropol. Ges. Wien*, 1922, 52: 23-42, pl.—**Olay, A.** [The gypsy problem in the Salgótarján district] *Népegézségügy*, 1939, 20: 335-9.—**Ritter, R.** Zur Frage der Rassenbiologie und Rassenpsychologie der Zigeuner in Deutschland. *Reichsgesundhbl.*, 1938, 13: 425.— Die Zigeunerfrage und das Zigeunerbastardproblem. *Fortsch. Erbpäth.*, 1939, 3: 2-20.—**Rodenberg, C. H.** Die Zigeunerfrage. *Off. Gesundheitsdienst*, 1937-38, 3: B, 437-46.—**Semizzi, R.** Gli zingari. *Rass. clin. ter.*, 1939, 38: 64-79.—**Wittich, E.** Sexualität im Zigeunerleben. *Arch. Menschenk.*, 1925-26, 1: 357; 400, 6 pl.—**Würth, A.** Bemerkungen zur Zigeunerfrage und Zigeunerforschung in Deutschland. *Verh. Deut. Ges. Rassenforsch.*, 1938, 9: 95-8.

GYRODACTYLOIDEA.

See also **Fish, Diseases; Trematoda**.

MIZELLE, J. D. Comparative studies on trematodes, Gyrodactyloidea, from the gills of North American fresh-water fishes. 81p., incl. 5 pl. 8°. Urbana, 1938.

Price, E. W. North American monogenetic trematodes; the superfamily Gyrodactyloidea. *J. Washington Acad. Sc.*, 1937, 27: 114; 146.

GYROMITRA.

See also **Mushroom**.

Hendricks, H. V. Poisoning by false morel (*Gyromitra esculenta*) report of a fatal case. *J. Am. M. Ass.*, 1940, 114: 1625.

GYROMONAS.

See **Polymastigida**.

GYWAT, Hellmuth, 1906— *Ueber Elephantiasis. 43p. 8°. Königsb. i. Pr., Kopal & Schulz, 1931.

CORRIGENDA

3. SER.

VOLUME 3

Page 643, 1. col. Cadaver, Preservation. Myer, A. W. Science, N. Y., 1920, **51**: should be 1919, **50**:

VOLUME 6

Page 57, 2. col. Ghosh, Birendra Nath, & Jahar, Lal Das. A treatise on hygiene and public health. 3. ed. should be Ghosh, Birendra Nath, & Das, Jahar Lal.

VOLUME 8

Page 1124, 2. col. Pratica (La) pediatrica. Continuation of Bollettino dell Ospedale oftalmico della provincia di Roma. Should be Pratica (La) oculistica. Continuation of Bollettino ...

4. SER.

VOLUME 1

Page 800, 2. col. Aschoff, Karl A. L., 1877- should be 1866-

VOLUME 2

Page 162, 2. col. Beer, Gavin Rylands de, 1899- should be De Beer, Gavin Rylands.

VOLUME 3

Page 559, 1. col. Sollman, T. A comparative study of the dosage and effect of chloral hydrate, &c. J. Am. M. Ass., 1908, should be Sollmann, T., & Hatcher, R. A. A comparative study, &c. J. Am. M. Ass. 1908, **51**: 487-92.

VOLUME 4

Page 402, 2. col. McClure, C. W. Clinical application of the chemistry of digestion. Boston M. & S. J., 1924, **161**: 51-5, should be 1924, **190**: 51-5.

United States Army · Library of the Surgeon General
Index-Catalogue, Fourth Series
Third Supplement

BIO-BIBLIOGRAPHY
OF
XVI. CENTURY MEDICAL
AUTHORS

By
CLAUDIUS F. MAYER, M. D.
Editor of the Index-Catalogue



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1941

PREFACE

For centuries the study of the product of early printing has been a favorite occupation of professional and amateur students of the printed letter. Monumental works have been published, thousands of volumes have been written; not a single phase of early book production has been neglected by historians and bibliographers. The books have been listed, and described minutely, from their first to their last blank leaves, from their titles to their last lines and colophons; their initials, woodcut illustrations, printers' marks, the very shape of their letters, even the water-marks on their stiff paper leaves have been carefully examined. Not a few of these detailed studies were done by medical men, and the works describing the incunabula of medical printing by such men as *Sudhof*, *Osler*, *Klebs*, and others, are as important for the medical librarian today as were the fundamental lists of *Hain*, *Panzer*, or *Proctor*, before the publication of the *Gesamtkatalog der Wiegendrucke*.

While there are many thousands of reference works devoted to the 15th-century products of printing, and while one may get a fairly complete view of the entire period of world literature "in cunis," one will be much disappointed when tracing the publications of 16th-century authors. Although scattered information on 16th-century literature is available in a small number of bibliographies, booksellers' catalogues, lists of libraries, or biographical encyclopaedias, the knowledge, communicated by them is neither exhaustive, nor exact, not to mention the disadvantage of having to spend days and weeks in a search of these sources.

Amateur medical historians seldom cared for anything closely approaching a complete bibliography of an obscure 16th-century physician, and professional medical bibliographers rarely had the opportunity for the compilation of the complete list of works of a single medical author even, yet some outstanding works on the field of personal bibliography have been produced in the last few decades. These include, for example, the Paracelsus bibliography of *Sudhof*, and the Paré bibliography of Janet *Doe*. Several libraries have been engaged in listing their holdings of 16th-century books, e. g., the Library of the British Museum, and the John Carter Brown Library. Listing of the books printed in the 16th century, and owned by the Library of the New York Academy of Medicine is also in progress. Thus the number of reference works related to 16th-century printing is gradually increasing, and the trend of the bibliographical interest is towards that neglected era of literature.

Seven or eight years ago, Professor Henry E. *Sigerist*, the director of the Johns Hopkins Institute of the History of Medicine, suggested an English translation of *Choulant's* *Bücherkunde für die ältere Medizin*, a completely new Choulant made in English, with the bibliography brought up to date. In his preface, *Choulant* exposed his scheme of describing the biography and bibliography of medical men in chronological order to the end of the Middle Ages. His original scheme, however, was left unfinished, and his work ends with the Arab medical authors of the 12th century. For the 15th-century medical literature and medical authors there are nevertheless several reliable, correct bibliographies and biographies available for consultation. It seemed to be more alluring, therefore, to continue the study of medi-

cal authors in the chronological order and in the manner of description of *Choulant*, beginning the bibliographical search with the 16th century.

The idea of such a bibliographical study would appeal to any medical librarian who feels that by virtue of his office and under the compelling urge of the books surrounding him he has certain obligations, perhaps we may call them moral ones, far above the needs of his daily routine. In the Army Medical Library, with hundreds of thousands of medical books in front of him and behind his back, the Editor of the Index-Catalogue could not feel otherwise.

In spite of this urge the realization of the idea of a 16th-century bibliography had its difficulties. A bibliographical supplement to the Index-Catalogue somehow did not seem to fit into the older scheme of the functions of the library. In the last five years, however, the functions of the Army Medical Library have grown much and have widened considerably, and the present Librarian has been thoroughly in sympathy with the amplification of the scope of its activities. These include some nation-wide projects such as a planned Union List of Medical Publications for the U. S. A., eventually becoming an International Bibliographical List of Medicine, in addition to the work now under way and exemplified in the following pages.

Only among such circumstances, with an encouraging and clear understanding for the functions of a living institution and for its national and international bibliographical importance, was it possible to depart from the traditional style, and to begin printing bibliographical supplements in the Index-Catalogue.

The first of these supplements was a Tentative List of National and International Scientific and Medical Congresses. Then, a few pages of the present Bio-Bibliography have been issued, with the object of learning whether such a publication, in the form offered, would be favorably received. Private letters, reviews in bibliographical journals, and personal interviews not only encouraged the continuation of the Bio-Bibliography of 16th-Century Medical Authors, but a number of medical libraries expressed their willingness to cooperate in making this bibliography a sort of Union List for medical publications of the 16th century.

The present fasciculus gives the first half of letter A of the 16th-century medical authors. Further fasciculi will be published regularly, and the entire work should be finished after several years, provided the circumstances remain favorable. The outline and scope of the entire work as well as the mode of describing the authors and the single works are explained in the introduction.

WASHINGTON, D. C., *June 30, 1941.*

CLAUDIUS F. MAYER, M. D.,
Editor of the Index-Catalogue,
Assistant to the Librarian,
Army Medical Library.

INTRODUCTION

OLD medical books interest many people of diverse occupations: bibliophiles, booksellers, and bibliographers in general; physicians, historians, and librarians in particular. Their wish to know more about a book and its author leads them to search biographical encyclopaedias, catalogs of libraries, national and regional bibliographies, textbooks of histories of general and medical literature, and other possible sources of information. Names of persons and places have to be identified, fictitious dates to be corrected, catalogs of book prices to be consulted, and many other details to be investigated. Even though the needed reference works are at hand this research consumes a great deal of time, often resulting in a complete disappointment to the investigator, because his biographical reference works are incorrect or their statements contradictory, his bibliographical sources apparently faulty, and his textbooks of medical history superficial and erroneous in both a biographical and a bibliographical sense.

It is for the sake of all those interested in the older medical literature that the project of issuing a series of bio-bibliographical reference works to the 16th, 17th, and 18th century medical authors has been planned. Such bio-bibliographies will save time by bringing together into a single reference work all the details, which are now scattered through thousands of publications.

The Army Medical Library is a logical place for such a medico-bibliographical undertaking. Its richness in old medical books, its proximity to the Library of Congress, its Index-Catalogue, and its recent activity in establishing a Union List of Medical Books all create a role for this library in helping other institutions and the world of book lovers by the publication of such a series of bio-bibliographical reference works. The Index-Catalogue is a fairly complete key to the medical literature of the 19th and 20th centuries. For the earlier periods of literature however, it is more a catalogue of works than an index to subjects. By the publication of the supplemental series of bio-bibliographical references, the analytical function of the Index-Catalogue will reach the medical subjects of the past hitherto uncovered by any other modern reference work.

The immediate *benefits* of the bio-bibliographical series of fasciculi will be felt in the various departments of the Army Medical Library itself. For the Book Acquisition Department, they eliminate the need of searching for the holdings of the library; they enable a systematic enlargement of the collection by listing all the possible medical publications wanted. For the Indexing and Cataloguing Department, they are not only catalogues and indexes of the actual holdings of the library, but they are, as well, guides for the cataloguing of future acquisitions. For the Book Conservation Department and the stacks, they are the basis of rearrangement of the books on shelves according to the chronology of authors, the present system of subject classification being considered unsuitable and awkward. The daily services of the library will be speeded up by the bio-bibliographies, since the number of requests for bibliographical description of our copies of old books will diminish.

The series of reference works on older medical literature to be published in the Index-Catalogue in the form of supplemental fasciculi begins with the present Bio-

Bibliography of XVI. Century Medical Authors, which is divided into the following sections:

Section A: Authors (16th century)

Section B: Editions of ancient and medieval authors published in the 16th century;

Section C: Appendices (related to material included in Section A and B)

- (a) List of printers, and publishers;
- (b) Checklist of editors, translators, proofreaders, and correctors;
- (c) Checklist of book-illustrators, and artists;
- (d) List of references consulted;
- (e) List of true and fictitious places (including places of publication, and places mentioned in the biographies)
- (f) Maps (with reference to the List of Places)

Section D: Indices:

- (a) Names (complete alphabetical index of all personal names, synonyms, pseudonyms occurring in Section A and B).
- (b) Polyglot subject index to 16th-century publications.

The *sources* searched in writing and compiling this bibliography are of very different value and nature. They include the personal statements of the authors themselves in their 16th-century publications. The perusal of these works was of great assistance in correcting the errors of biographical encyclopaedias and bibliographies. Valuable aid was obtained from the catalogs of private and public libraries such as the British Museum, the Bibliothèque Nationale at Paris, the Gesamtkatalog of the German libraries, etc. Catalogs of booksellers and auction catalogs helped chiefly in collecting information on the prices requested on the bookmarket. Some of them even helped in discovering the names of authors, who could be suitably included in this list. Most of the older bibliographies were also searched, even if for no other reason than to find a "ghost" edition, or to expose the original source of incorrect later quotations. Biographical encyclopaedias, and articles in journals often made further search necessary in order to bring into harmony their erroneous data. Though a list of the sources used or to be used cannot be given while the writing of this bibliography is in progress, some of the publications referred to are mentioned below:

AMRAM, D. W. The makers of Hebrew books in Italy. Phila., 1909.

ARGELATO, F. Bibliotheca scriptorum Mediolanensium. 4 vol. 1745.

BAIER, J. J. Biographiae professorum medicinae (Altdorf) Nürnberg., 1728.

BARTHOLIN, T. Cista medica Hafniensis. 1662.

BERLIN. Preussische Staatsbibliothek. Gesamtkatalog der Preussischen Bibliotheken. Berl., 1923-

BIBLIOTHECA medica Neerlandica. Amst., 1930.

BOERNER, F. Memoriae professorum (Wittenberg) Witt., 1755.

BONINO, G. G. Biografia medica Piemontese. 2. vol. Tor., 1824-25.

BROCKELMANN. Geschichte der arabischen Literature. 4 vol. 1895-1938.

BRESCIANO, G. Insegne di tipografi. In Boll. bibliofilo, 1918-19, 1: 129-56.

CAILLET, A. L. Manuel bibliographique des sciences psychiques ou occultes. Par., 1912.

CAPPONI, A. G. Catalogo della libreria Capponi. Roma, 1747.

CHILDS, J. B. Sixteenth century books; a bibliography of bibliographies. In Papers Bibliogr. Soc. America, 1923, 17: pt 2, 73-152.

CHOULANT, L. Bibliotheca medico-historica. Lpz., 1842.

- DYSON PERRINO, C. W. Italian book-illustrations. Oxf., 1914.
 GAND. University Library. Bibliotheca belgica. 1891-
 GARDNER, F. L. A catalogue raisonnée of works on the occult sciences.
 Lond., 1911.
 GOLDSMID, E. A complete catalogue of all the publications of the Elzevier
 Press. Edinb., 1888.
 GRAESSE, J. G. T. Trésor de livre rares et précieux. Berl., 1922.
 HALLER. (All his bibliographies)
 HAYN, H. Bibliotheca erotica. Münch., 1913-14.
 HAZON, J. A. Notice des hommes les plus célèbres (Paris) Par., 1778.
 IMPERIALE, G. Musaeum historicum et physicum. Venez., 1640.
 KÖNIG, A. Catalogus librorum medicorum. Strassb., 1768.
 KRISTELLER, P. Die Strassburger Bücher-Illustration. Lpz., 1888.
 LIBRI, G. Histoire des sciences mathématiques en Italie. 4 vol. Halle,
 1865.
 MACFARLANE, J. Antoine Vérard. Lond., 1900.
 MALACARNE, V. Delle opere de' medici di Savoya. Tor., 1789.
 MERCKLIN, G. A. Lindenius renovatus. Nürnberg., 1686.
 MÖHSEN, J. C. W. Geschichte der Wissenschaften in ... Brandenburg.
 Berl., 1783.
 NIELSEN, L. Dansk bibliografi. Kbh., 1919.
 NIJHOFF, W. Nederlandsche bibliographie. 's-Gravenh., 1919.
 PELLMANN, H. Sigmund Feyerabend. Frankf. a. M., 1881.
 PANZER, G. W. Annalen der älteren deutschen Litteratur. Nürnberg., 1788.
 PATIN, C. Lyceum Patavinum. Pad., 1682.
 PILCHER, L. S. A list of books. Brookl., 1918.
 PLATNER. Bibliotheca Platneriana. Lpz., 1748.
 PROCTOR, R. Jan van Doesborgh. Lond., 1894.
 RENOARD, A. A. Annales de L'imprimerie des Estiennes. Par., 1843.
 RÉPERTOIRE de bibliographie française. Par., 1937.
 SACHSE, J. D. W. Verzeichniss von Bildnissen. Schwerin, 1847.
 SAMBUCUS, J. Icones veterum. Antw., 1901.
 SCHEFFEL, C. S. Vitae professorum. Greifsw., 1756.
 SCHERER, A. N. Literatura pharmacopoearum. Lpz., 1822.
 SCHIVARDI, A. Biografia dei medici illustri Bresciani. Brescia, 1839.
 SCHMIDT, C. Histoire littéraire de l'Alsace. Par., 1879.
 SOMMERVOGEL, C. Bibliothèque de la Compagnie de Jésus. Brux., 1890.
 SUDHOFF, K. Deutsche medizinische Inkunablen. Lpz., 1908. etc. etc.

This sample of the sources is inserted to illustrate the broad basis of the Bio-Bibliography, and to show the endeavor to avoid omissions of any kind.

Section A, which is the main part of this Bio-Bibliography, is arranged in a single alphabet of authors, who come within the *chronological limits* of the 16th century; yet these limits are not drawn very rigidly. Indeed, physicians who died in the 15th century often had much greater influence upon the next generation than upon their contemporaries. It also happened that their manuscripts were first printed and their ideas first divulged in the 16th century. This is true for other authors who, though non-medical men, have written on topics closely related to medicine or referring to the social implications of medicine. At the other end of the century, there are many who stand with their feet in the 16th, but think and speak in the 17th century. In general, these were excluded from the 16th-century list and referred to a

future 17th-century Bio-Bibliography for the reason that, although they were born within the chronological upper limit set for this bibliography, they published their writings, or the greater bulk of their writings, in the next century. In order to avoid the appearance of incompleteness, the names of such authors on the borderlines are listed as references.

The single alphabet includes also *anonymous works* chiefly under their titles, choosing the first *noun* of the title for the first word of the entry: e. g., a work with the title "Ain nutzliches Regiment" will be found under "Regiment." If the title refers to a certain town where some event took place, the main entry has been made under the name of the town, because a geographical name is much easier to remember than the first noun of a fancy title: e. g., the anonymous publication "Vom Wildtbad Abbach" is entered under "Abbach," and only a cross-reference is to be found under "Wildtbad," the first noun of the title.

Collections of works on special subjects are generally entered under the names of their editors, but they are also listed under their subjects. If an anonymous work or a collection was edited in the 15th century and subsequent editions appeared in the 17th century, all of these editions are listed by the Bio-Bibliography.

Publications by magistrates of towns or by councils of countries are considered as official works of the town or the country, and are listed under their proper geographical names. Publications of societies can be found under the name of the city or country in which the society or academy was resident. Anonymous publications referring to hospitals are entered under the name of the city where the hospital (or institution) is located.

Within the chronological limits, as explained above, the following personal names are to be found in the alphabetical list:

(a) Names of authors, who were either practicing *physicians* and surgeons or who, at least, studied medicine; *all* of their published works are listed with all 16th-century and later editions of such works, regardless of their subjects; the titles of their unpublished manuscripts are also occasionally mentioned;

(b) Names of non-medical authors, whose works are related to medicine or its 16th-century allied sciences such as botany, zoology, veterinary medicine, natural history, natural philosophy, astrology, alchemy, etc.; in most instances, their works of medical interest only are listed, with all 16th-century and later editions; in exceptional cases, it seemed to be advantageous to enumerate also their works of other nature, especially when the information on them was collected from uncommon sources;

(c) Names of authors of belles-lettres or of poets, if their works are of culture-historical, especially of medico-historical significance; thus, the work of Cornelis Adriaansz is listed because of its importance for the history of flagellation; most of the facetiae writers are included in the list, because their works throw light upon the social standing of the 16th-century physician and surgeon, upon the methods of medical examination, on diseases of the social groups, etc.

(d) Names of editors, translators, book-illustrators, engravers, etc., if they were either physicians, or their works are in connection with anatomy, medicine, surgery, and the allied sciences, or if their drawings are of especial significance for physiology.

Whenever complete information could be collected, it has been *arranged* according to the following points:

(1) **Name with dates;**

(2) **Synonyms** of name; distinction from others of similar name; pseudonyms;

- (3) **Biography**; including family relations, professional standing, literary activity, corrections of errors in dates, quotations from the author's own works, etc.
- (4) **Biographical references**, if they seemed to be important;
- (5) **Portrait**, with reference to the place from which it was reproduced;
NOTE: absence of portrait does not necessarily mean that there is absolutely no likeness of the author existing;
- (6) **Checklist** of works; only if they are many, or are known under various titles;
- (7) **Works** listed with the *Opera omnia* or *Opera selecta* first, followed by single or smaller groups of works in, usually, alphabetical order; they are marked as *Op. om.*, *Op. 1*, *Op. 2*, etc., which does not mean that they were the first or the second work written by the author; each of these works has a number on the left-hand side of the column printed in heavy type; this numbering is continuous throughout the Bio-Bibliography and serves for easy references;
- (8) **Description of work**;
- (9) **All editions** of a particular work beginning with the earliest, and ending with the 20th century; **translations** into any language; they are arranged chronologically and numbered in the convenient style of KLEBS;
- (10) List of **copies** available in a number of public libraries;
- (11) List of **references**, if there are no copies known;
- (12) **Description of each edition**, with collation, title and contents, list of illustrations, size of book measured by the size of text; such description would be ideal for each edition, but it could be given only for books in the possession of the Army Medical Library; for such copies, the library's accession number is printed in heavy type on the right-hand side of the column; the rarity of the edition, and its price on the bookmarket is also indicated;
- (13) List of **non-existent** or ghost **editions**; they are mostly from Linden, and Haller;
- (14) **Manuscript works**;
- (15) **Spurious works**.

Many of the 16th-century men are known under a number of *names*: names of their families, either in the vernacular or in the Latin language, nicknames, names of the towns or countries where they were born, names which were assumed or which were given them by a later cataloguer or a bibliographer. The variety of names resulted in a great confusion. This Bio-Bibliography enters the author chiefly under his name in the vernacular language of the author's own country: e. g., "Rudolf Agricola" is to be found under R. Huisman; in exceptional cases, the author is listed under his assumed name (e. g., Georg Agricola under Agricola and not under Bauer). The principle of giving names in the vernacular is followed throughout the entire work, and the geographical names occurring in the text of the descriptions or in the imprint of the various editions are also in the language of their own country. "Venetiae" is "Venezia," and neither "Venice," nor "Velence"; "Vienna" is "Wien," and not "Vienna," nor "Vienne," nor "Bécs"; just as much as "London" is not "Londres" nor "Londinum." Experience shows that many of the mistakes in bibliographical lists are due to the misinterpretation of Latinized names, and for that matter, Venice and Vienna are to be found in the United States.

In the *description of a work*, its synonyms are always listed. Often, it was found that such synonym titles were accounted for as individual works of an author. The description also contains the brief history of the work, the possible motives of composition, the persons to whom it was dedicated, its division into books and chapters, sometimes with the title of all or of the more interesting chapters, the "incipit" and "explicit" of the text in order to make identification easier, also other suitable or appropriate notes.

The consecutive *editions* of a work are listed chronologically under their imprints in Choulant's style and are numbered in Klebs' style. If the edition is in the possession of the Army Medical Library, the number of the edition is followed by an asterisk.

The *copies* of the following libraries are regularly listed: British Museum; Bibliothèque Nationale, Paris; the larger German libraries (as far as contained in their Gesamtkatalog); American libraries whose holdings are listed in the Union List of the Library of Congress; also the Library of the New York Academy of Medicine, the Boston Medical Library, the Medical Library of the Medical Society of the County of Kings at Brooklyn, N. Y., the Library of the College of Physicians of Philadelphia, the Sutro Library at Los Angeles, the Welch Medical Library, and the Army Medical Library (SGL) at Washington. Symbols are avoided, except BM for the British Museum, and SGL for the Army Medical Library. The libraries are referred to by the name of the cities where they are located. "London," if it occasionally occurs, means the British Museum Library; "Paris" means the Bibliothèque Nationale; "Berlin" means the Preussische Staatsbibliothek; other libraries are mentioned by the personal name which occurs in their titles as Rylands, Hunterian, John Crerar, etc.

The *collation* often is given in the incomplete form it was found in the library catalogs. It seemed strange, however, that even the best equipped and largest libraries differ so much in the collation of their copies. One library may count 200 pages in a book, while the other speaks of 200 leaves. Such discrepancies made necessary the frequent use of question marks.

The widest differences among cataloguers and bibliographers become manifest when it comes to the determination of the *size of a volume*. Indeed, the size given in 4-o, or 8-o, or 12-o, or 16-o, is entirely meaningless, and the bibliographers of former days may refer to the very same edition of a work, while their modern reader may think of four independent editions. The only safe way of measuring the size of a volume is by measuring the size of the printed text in millimeters (or centimeters), while many of the former size measurements are referring to the number of leaves in a quire.

The *rarity* of an edition depends on many external factors. Its significance is entirely relative. It means that the edition in question is rarely seen at the book-market. Several phrases are used for the expression of the grades of infrequency: Rare, Rarior (or rather rare), Very Rare, Rarissimum, Extremely Rare, Unique. The only sure, quantitative way of measurement of the rarity of an edition would be by counting all copies in public and private possession, which is impossible.

The *prices* are listed so that after the price listed in pounds, dollars, francs, or other monetary system, the year of sale or offer is given in parenthesis. The variation of book prices is still more under the influence of external factors than is the rareness of a book. A particularly elaborate binding may be hundred times more valuable than the volume it covers. In general, however, the Bio-Bibliography gives the average prices paid for ordinary copies, and, therefore, it may be of special value to medical librarians and to dealers in old books.

In describing the SGL copies, the quality of binding, the existence of Ex-Libris plates, the name of previous, especially contemporary owners, and the manuscript glossae are always mentioned.

Abbreviations are used but sparingly, and they are such that their significance is evident from the context. In order to increase the reliability of the Bio-Bibliography, any doubtful or uncertain or contradictory information found in the sources has been marked with the question mark.

Though at the time of writing this introduction it seems that the Bio-Bibliography of 16th Century Medical Authors is entirely comprehensive, that is, it lists all the possible authors of the 16th century, all their existing works, and all the editions ever published, it is also true that never was there a bibliography without a later supplement. It is hoped, nevertheless, that much can be inserted in Section B and Section C of this Bio-Bibliography and the need for supplements will not arise.



ABARBANEL, Judah Leon.
See Abrabanele.

ABATI, Baldo Angelo.
See Abbati, Baldo Angelo.

ABATIA, Bernard.
See Abbazia, Bernard.

1 (ABBACH) Vom Wildtbad Abbach. Was dasselb für Krafft, Natur und Aigenschaft, auch für was Defect und Kranckheiten es dem Menschen nutz und dienstlich sey. Straubing, Summer, (ca 1585).

Copy: Berlin.

¶ Probably written by Andreas Ruland, physician at Regensburg, whose manuscript of the same title, dated 1630, is mentioned by J. H. LANG in his **De aquis medicatis Abudiacis* (Erlangen, 1795) p. 5. Also publ. Regensburg, Chr. Fischer, 1630.

¶ ABBACH, or Abach (Lat. Abacus; Abudiacus), a village near Regensburg, on the right bank of the Danube; its sulphurous bath visited by Charles V; mentioned by GUENTHER von ANDERNACH (1565) BACCI (1571) and others. Founded around 1465.

ABBAS, Moseh.
See Moseh Abbas.

ABBATI, Baldo Angelo (fl. 1590)

Syn.: Abati; de Abbatibus; Abbatius; Abbattius; Abbatio; Abbazio; Angelus; D'Ange.

B. Gubbio (Lat. Eugubium), Umbrian city, 27 miles from Urbino; practiced there, and in Urbino, where he was physician to the Duke of Urbino, Francesco Maria II Della Rovere (1574-1631); first ed. of Op. 1, 1589; Op. 2, 1594. Date of death unknown.

2 Op. 1: De admirabili viperae natura et de mirificis eiusdem facultatibus liber.

Dedicated to the Duke of Urbino, Francesco Maria II; describes anatomy, physiology, coitus, birth, and therapeutical use of the viper. 32 chapters.

.1 *Urbino, Bartholomeus Ragusius, 1589.

SGL: 128070

Copy: BM; Paris Nat.; Berlin; Wien; Marburg; Kiel; Göttingen; München; SGL.

(16f. incl. tp. (a¹-d⁴); 151p.; text 160mm; each page within borders made up of rules. Title within engraved ornamental

border with snakes, birds, fish. 5 full-page engravings (d_{4v}, p. 59, 62, 65, 66) representing 7 old medallions with vipers, coitus, birth, intestines, and genitals of the viper. Tp.v: coat of arms.

a₂-a_{4r}: poems of Pietro Matteo Vanni, M. D., Guido Guidarelli, and others; a_{4v}: blank; b_{1r}-b_{3r}: dedication dated Pesaro, Jan. 1, 1589; b_{3v}-b_{4v}: authors' index; c_{1r}-v: preface of Ventura Concioli; c₂-d_{4r}: index of chapters and subjects; d_{4v}: engraving; p.1-5: preface of author: "Non illam dicendi facultatem ..."; p.5-148: text from chapter 1 to end; p.149-50: addition on the natural immunity against vipers; p.150: ecclesiastical imprimatur; p.151: errata.

Very rare as all Urbino prints of this period. Prices: 33 Sw. fr (1933); 500 fr (1939).

.2 *Nürnberg, Sebastian Heusler, 1603.

SGL: 156549

Copy: London; Paris; Berlin; Wien; Bonn; etc. SGL.

8p.l. incl. tp.; 133p. (p.133 numbered 125); (5)f. for index of subjects; text 175mm; tp. with borders as for 2.1; same illustrations from larger plates (19 cm x 13 cm) on f.8r, p.53, 56, 58, 59. Coat of arms on tp.v missing. Arrangement of preliminaries: dedication first then preface of Concioli, poems, indices. Printer's device.

Bound in vellum; owner in 1643: R. Farvacquès (?) Med. D.

.3 *s-Gravenhage, Samuel Broun (Browne), 1660

SGL: 20506

Copy: London; Paris; Berlin; Edinburgh Univ.; Med. Soc. London, etc., Boston M. L.; SGL.

(12)f. incl. tp. (*2-*7 numb.); 186p.; (13)f. index; (3)f. blank; text 110mm; Roman type resembling Elzevir; engraved tp. made up of architectural details and the 7 medallions of previous editions; plates to p.78, 79, 81, 84; ornamental initials. Arrangement of preliminaries as in E. P. On f.(12): the publisher to Kenelm Digbey. Incorrect back-title: "Abbatil & Viperis".

¶ Editions doubtful or nonexistent: a) 1518, Nürnberg; listed in Falconet's Catalogue; b) 1587, Ragusa; name of publisher mistaken for place of publication; Op. 1 written later as shown by date of dedication; no regular printing in Ragusa before 1780, c) 1591, Urbino; mentioned only by Linden and Clément.

3 Op. 2: Opus discussarum concertationum praeclarum de rebus, verbis et sententiis controversis ex omnibus fere scriptoribus libri 15.

.1 Pesaro, Hieronymus Concordia, 1594. 4?

Copy: London; Paris.

116p. (or 216p.?). rare. Ed. of 1595, Pesaro, mentioned only by Linden.

ABBATIA, Bernard, 1540(?)–ca 1590.

Syn.: Abatia.

B. Toulouse, 1530 or 1540; physician, and astrologer of Charles IX, King of France (1560–1574); prof. of mathematics, law, and philology, Paris, ca. 1583; died Paris (?) ca. 1590.

Portrait from J. C. BRUNET; *Manuel du libraire*. Par., 1860, 1: p.6.

4 Op. 1: *Prognostication sur le mariage de ... Henry ... roy de Navarre, et de ... Marguerite de France, calculée par maistre Bernard Abbatis, (etc.)*

On marriage and its origin; forecast of happy marriage from constellation of stars; also "restaurants pour obvier aux maladies".

.1 Paris, G(uillaume, 2d) de Nyverd, 1572. 8°
Copy: Paris, 3 copies.

(20f. portrait of author on tp. (See fig.) One of the 3 copies is from an issue without date. Extremely rare work from the year of the massacre of St. Bartholomew.

Henry (1553–1610), King of Navarre as III (1572), King of France as IV (1589–1610); married Margaret of Valois, sister of Charles IX, at Paris, Aug. 18, 1572; the massacre was inaugurated on the 24th during the nuptial festivities.

Op. 2: (Manuscript herbarium)
Details unknown.

ABBATIBUS, Baldus Angelus de.

See Abbati, Baldo Angelo.

ABBATIO, Baldo Angelo.

See Abbati, Baldo Angelo.

ABBATIUS, or ABBATTIUS.

See Abbati.

ABBAZIO.

See Abbati.

ABBREGE de la propriétés des bains de Plommières. Paris, 1576.

See Le Bon, Jean.

ABBIOSI.

See Abios.

5 A B C (Ein eheliches) und weiblichen (!) Tugendspiegel, aus dem 31. cap. Salomonis genommen. Magdeburg, 1595.

Ref.: Hayn. Bibl. erot.

ABCONTERFEIUNG (Wahrhaftige) oder gestalt des angesichts Leupold Jüden (etc.)

See Thurneisser, Leonhard.

ABCONTERFETUNG eines inwendigen Cörpers (etc.).

See Ausslegung (etc.)

ABCONTERFEYTUNG einer Missgeburt ... im Dorfe Chras.

See Chras.

ABCONTERFEYTUNG eines Manns Leib.

See Anatomia.

ABCONTRAFACUR (Lebendige) des ganzen Papsttums.

See Hutten, Ulrich von.

'ABDALLATIF, Muhammad ibn Yūsuf ibn, fl. ca 1547.

Syn.: Abdollatiphus; not to be confused with Abu Muhammad 'Abdullatīf (1162–1231) See Brockelmann, Suppl., 2: 592, No. 3.

Physician in Irān; wrote for the Saīh al-Islām Muhammad Sādiq.

5a Sarh ur-risālat al-qabriyat ul-musammā biṣ-Ṣādiqīya.

Commentary on the treatise dealing with the signs of death. Manuscript.

Copy: Bankipore Oriental Public Library.

'ABDALQĀHIRU ibn Muhammad ibn 'Abdurrahmān at-Tūnisī, fl. ca 1493.

See Tūnisī.

ABDOLLATIPHUS.

See 'Abdallaṭīf.

6 *Abdruck der Apoteken Ordnung, auch Taxt und Werderung aller Ertzneyen und Maternalien, so auff des Raths der Altenstadt Magdeburgk auffgerichtete Apoteke verkaufft werden.* 38f. 4? Magdeburg, Kirchner, 1577.

Copy: Univ. Halle.

(ABDRUCK) Grossmechtiger Königen (etc.). Elbing, (1558).

See Gockel von Rohrbach, Ruprecht.

ABDUA, Ferdinandus de.

See Adda, Ferdinando di.

ABDUENSIS.

See Adda.

'ABDUL Miamen (Mumen?) Mustafa, –1606.

Syn.: Aboul Miamen.

An Arabian physician mentioned by Jöcher as author of commentaries on physiognomy (of Aristoteles?) No other clue to identity of author or of his work.

7 (ABERWICK MONSTER) *A true report of a straunge and monsterous child born at Aberwick (etc.)* One sheet. 8° London, T(homas) Gosson, 1580.

Black letter; with woodcut of dicephalus by Raphe COOKE.

Copy: ?

ABETHENCOUR(T), Jacobus.

See Béthencourt, Jacques de.

ABHORTO, Garcias.

See García da Orta.

ABIOSI, Giambattista, ca 1462– after 1523.

Syn.: Abbiosi; Abiosus; Abioso.

B. Bagnuolo (Lat. Balneolus) near Napoli ca. 1462 (see poem in 1498 ed. of Trutina: "vix septem numerans lustra vel unus habet"); doctor of medicine and arts; mathematician and astrologer; finished Op. 1, 1492, and sent it to Alfonso II (1448–1495), King of Napoli (1494–95) on June 4, 1494; Op. 1 published in Venezia, 1494; editor of *Epitoma of Regiomontanus*, 1496; resided in Treviso, where Op. 3 was finished, 1498; returned to Napoli, where 2. ed. of Op. 1 was finished, 1523. Date of death unknown.

8 Op. 1: *Dialogus in astrologiae defensionem cum vaticinio a diluvio usque ad Christi annos 1702.*

Text begins and ends: "Quoniam innatum est nobis obsequium veritatem precipiendi ... ego quoque confiteor. Laus sit semper Deo." Written in 1492; first ed. dedicated to the King of Napoli; contains forecast of schism in Catholic Church; on Index libr. prohibet.

.1 Venezia, Franciscus Lapidica, Oct. 20, 1494. 4°

Ref.: Hain 24; GK 6; Pellecbet 17.

Copy: Philadelphia Coll. Phys.; Morgan N. Y.; Paris Bodleian; München; Wien; Roma; etc.

(38f. last blank (a^s-d^e); Gothic; title begins: "Ad invictissimum ac potentissimum ..."; large cut under title taken from SACROBOSCO's *Sphaera mundi* (Venez., 1491); a few astronomical cuts in text; rare.

.2 Napoli, Catherina de Silvestro, June 12 1523. 8°

Ref.: Panzer, 7: 431, No. 46.

Copy: Bibl. naz. Napoli.

Title reads. "Liber astronomicus." At end: "Completum Neapoli per Joannem Abiosum Artium medicinae doctorum

et astrologiae professorem die Martii MDXXIII". Possibly a revised edition of his *Dialogus*. Extremely rare.

9 Op. 2: (Editor) REGIOMONTANUS. Epitoma in Almagestum Ptolomaei.

Venezia, Johannes Hamman, Aug. 31, 1496.
Ref.: Hain 13806; BM v, 427. Proctor 5197.

Copy: Radcliffe; Boston M. L.; Libr. Congr.; Osler; West Point; Morgan N. Y.; London; etc.
Book size 316 x 216mm; (110f. the last blank. Editor's letter on f.2v-3; copied and compared the work of G. Peurbach and Regiomontanus. Letter date Aug. 15, 1496.

For Regiomontanus see MUELLER. There are probably three different types of this edition; in one copy the editor's preface is on f.1v-2v; another copy has only 108 leaves without the preface.

10 Op. 3: Trutina rerum terrestrium et coelestium.

Variations of title as mentioned in text: "Dlvinus tractatus terrestrium (!) et celestium Trutina artem exhibens"; "Trutinator terrestrium et celestium". 39 chapters: weather forecast from March 1498 to Febr. 1499 (Cap. 1-10); de cometis (Cap. 12-14); methods of forecasting from aureola around celestial bodies (Cap. 15-20); from behavior of animals (Cap. 21); forecast of epidemics and diseases "per elementorum alterationes" (Cap. 22); forecast of diseases for 1498 (Cap. 23); "Pestis curam largitur" (Cap. 24); "Argumentationes communis medicorum scholae contra maximam quintae essentiae ... repulsionem" (Cap. 25); etiology and treatment of syphilis (Cap. 26-28); special forecasts for Firenze, the Pope, Maximilian, the King of France, etc. (27-39.) Writing finished at Treviso, Febr. 5, 1498.

.1 *[Venezia, Johannes Rubeus, 1498]

SGL: 223686

Ref.: Hain 25; GK 7.

(26)f. (a⁴-e^{ff}); Gothic. Preface begins a_{3r}: "Dominus illuminatio mea ... (a_{4v}) ... lumen vultus sui spargere." Rare.

.2 Venezia, (publisher) 1499.

Ref.: Houzeau, 1: pt 1, p.766.

10a Op. 4: Compendium rhetoricae ex optimis utriusque linguae autoribus excerptum.

.1 Basel, (publisher) 1536.

Ref.: Toppl. p.113.

10b Op. 5: Commentaria in opere Claudiani de raptu Proserpinae.

.1 Paris, (printer) 1517.

Ref.: Toppl. p.113.

1 Works of ABIOSI, which cannot be identified; a) De elementorum agitationibus; probably part of Op. 3; b) De regimine sanitatis; c) De remediis contra pestem, tertianam et lepram; d) Rivolte del 1507; e) Vaticinio della cometa del 1506.

ABIOSUS, Johannes.

See Abiosi, Giambattista.

ABLUNUS, Giovanni Pietro, fl. end of 16. cent.

11 Op. 1: (Dangers of wine drinking in arthritis) Perugia, 1578. 8°

Ref.: Carrère. Copy: unknown.

ABOUL-MIAMEN.

See Abdul Miamen (Mumen?) Muştafa.

ABRABANELE, Jehudah, 1470(ca)-1535.

Syn.: Abarbanel; Abravanel; Barbanella; Judah Leon Hebreus; Leon Hebreus; Leon Medigo; Medigo. Note: Jehudah or Juda of the Hebrew is Leon (Engl. lion) in Roman languages; after his father called "ben Isaac (Jichak)"; full name: Jehudah ben Ishâq Abrabanele.

B. ca 1470, at Lisbôa, as the eldest son of Isaac ben Juda Abrabancle (1437-1508), famous statesman in Portugal, of an old Jewish family, which boasted descent from the royal house of David; expulsion from Portugal after death of Alfonso V (Aug. 28, 1481); studied, lived, and married in Madrid; his first son, Ishâq, born 1491; expulsion from Spain, 1492; his son taken away by Spanish Court, and baptized; in Napoli and Messina, 1493-95; here, physician to the kings, Ferdinand I (1424-1494) and Alfonso II (1448-1495); at invasion of Charles VIII (1495) flight to Venetian territory: Corfu (1495) and Venezia (1496); migration to Genova, where Op. 1 written at instigation of his friend, Pico della Mirandola (finished 1502); practitioner in Genova; also physician to Gonsalvo Hernández de Cordova (1453-1515); poems to his father, 1504; elegy on death of father, 1508; autobiography in poem to his baptized son, 1515; commentaries on prophets, 1520. Died at Venezia, 1535. His brother, Josef (1471-1552) was physician at Ferrara ca 1549; his second son, Ishâq, physician at Venezia.

A neoplatonist philosophical dreamer. Not to be confused with others by the name of Leo Judaeus (16. and 17. century in Switzerland and the Netherlands), or Leo Hebreus.

See also Solmi, E. Benedetto Spinoza e Leone Hebreo. 1903.—Zimmels, B. Leo Hebreus. 1886.

12 Op. 1: Dialoghi d'amore.

Syn.: Philographia universal.

PHILO's love for SOPHIA. On Index libr. prohibit.

There are three dialogues in which Philo enlightens Sophia in sexual matters. The second dialogue is especially interesting, containing views on generation, on the nature of 'semen', on the influence of stars upon human love, etc.

Text begins: "FILONE. Il conoscerti o Sofia, causa in me amore, et desiderio. SO. Discordanti mi paiono, o Filone, questi affetti ... (ends) non mancarò di pagarti quello, a che la mia promissione, & servitù verso di te amorosa m'obligano. Vale."

.1 Roma, A. Blado d'Asola, 1535.

Copy: London; N. Y. Pub.

Editio princeps; 4°; pr. dev. at end; very rare; £8-8 (1939)

.2 Venezia, sons of Aldo, 1541.

Copy: London; Paris; Rylands; L. Congr.

2f. 241 (wrongly numb. 261)f. 1f.; 12°; rare; 280 lire (1939); 45 Sw. fr. (1939)

.3 Venezia, sons of Aldo, 1545.

Copy: London; Paris; Rylands; N. Y. Pub.

261f. (262?) 8°; rare.

.4 Venezia, sons of Aldo, 1549.

Copy: London; Paris; Rylands; N. Y. Pub.

228f.; 8°; rare.

.5 Lyon, J. de Tournes, 1551.

Copy: Paris.

448p. & 30p.; French tr. by Pontus de TYARD: "Léon Hébreu. De l'amour"; 2v. in one; 8°

.6 Lyon, G. Roville & T. Payen, 1551.

Copy: London; Chicago Univ.

French tr. by Seigneur du Parc Champenois (i. e. Denis SAUVAGE). "Philosophie d'amour". 675p. (22)f.; 8°; title within woodcut border; rare; £15-15 (1927)

.7 Venezia, sons of Aldo, 1552.

Copy: London; Paris; Rylands; Hunterian; Newberry; Boston Pub.

228f.; 8° "Dialogo della comunita dello amore," etc.

.8 *Venezia, Domenico Giglio, 1558. SGL

Copy: London; Paris; Rylands; N. Y. Pub.; SGL.

Italian tr., 246f. incl. title; text 75x 130 mm; Italic; a 52 x 55mm device on tp. "Dialoghi di amore, di Leone Hebreo/Medico." Edited by Mariano LENZI, who dedicated it to Aurelia PETRUCCI, "valorosa madonna."

.9 Lyon, Guill. Roville & T. Payen, 1559.

Copy: ?

French; same as 1551 ed.; size noted as 16°

.10 Venezia, (publisher) 1564.

Copy: L. Congr.; Harvard.

Latin. tr. by Jean Charles SARASIN. 422 l.; 12°; rare.

.11 Venezia, (publisher) 1568.

Copy: London; Paris.

Spanish tr. by GHEDALIA BEN YAHYA (Guedella Yahia). "Los diálogos de amor"; 4f.; 127f.; 4°

.12 Venezia, N. Bevilacqua, 1572.

Copy: London; N. Y. Pub.

246f.; 8°

.13 Venezia, Nic. Bevilacqua, 1573.

Ref. Clément.

Copy: ?

.14 Paris, Cl. Micard, 1577.

Copy: Paris.

French tr. of SAUVAGE. "Philosophie d'amour"; 816p.; 8°

.15 Paris, Cl. Micard, 1580.

Copy: London; Paris.

French; the same; 816p.; size as 16°

.16 Zaragoza, L. & D. de Robles, 1582-1584.

Copy: London.

Spanish tr. by Carlos MONTESA: "Philographia universal de todo el mundo, de los diálogos de Leon Hebreo"; 30f.; 263f.; 4°; device on tp.; date 1582 in colophon; rare; £15-15 (1927)

.17 Venezia, G. Alberti, 1586.

Copy: Paris; N. Y. Pub.

246f.; 8°

.18 Basel, (publisher) 1587.

Copy: London.

Latin version of SARASIN in PISTORIUS, J. Artis cabbalisticae script., tom. 1, p.331, etc.

- .19 Madrid, P. Madrigal, 1590.
Copy: Paris; Brown.
Spanish tr. of Garcilaso Inga de la VEGA: "La traducción del Judio de los tres Diálogos de amor"; 313p. and index; 4?
- .20 Zaragoza (L. & D. de Robles?) 1593.
Copy: ?
Same as ed. 16.
- .21 Lyon, B. Rigaud, 1595.
Copy: Paris.
French of SAUVAGE; 816p. and index; 8°; portrait of author.
- .22 Paris, (publisher) 1596.
Copy: ?
French of SAUVAGE: "La sainte philosophie d'amour"; rev. & enl.; 12°; rare.
- .23 Venezia, (publisher) 1598.
Copy: Paris.
Spanish of GHEDALIA BEN YAHYA; 127f.; 4?
- .24 Zaragoza, (publisher) 1602.
Copy: ?
Spanish corrected by Carlos MONTESA: "Filografia universal del mundo de los diálogos de Leon Hebreo".
- .25 Venezia, G. B. Bonfadino, 1607.
Copy: Paris.
296f.; [or 295 p. ?] 8°
- .26 Lyck (Germ.), L. Silberman, 1871.
Copy: Paris; Chicago Univ.
Hebrew transl.: "Vikuah al hababah"; 96f.; 8°
- .27 Bari, (publisher) 1929.
Copy: London; Univ. Minn.; Libr. Congr.
Ed. by S. CAMELLA; forms No. 114 of Scrittori d'Italia.
- .28 Heidelberg, C. Winter, 1929.
Copy: London; N. Y. Pub.; Chicago Univ.; Minnesota Univ.
Facs. ed. of 1535 with life and bibliography; by the Societas Spinozana; forms v.3 of Bibliotheca Spinozana; 38M (1929).
- .29 Lond., Soncino press, 1937.
Copy: L. Congr.
English tr. by F. Friedeberg-Seeley; xv, 468p. 240mm.
No ed. at Venezia, 1664.
- 13 Op. 2: (Poems to his father)
Includes such as Nahlath aboth; Rosh amunah, etc.
- .1 Constantinopolis, (publisher) 1504.
Copy: ?
- 14 Op. 3: (Elegy on death of his father)
Manuscript written in 1508; 46 verses; published in Rev. orient., 1: 258, etc.
- 15 Op. 4: (Theluna al ha-zeman)
Autobiography written in 1515 to his son, Isaac, who was retained and baptized in Spain; 130 strophes; published in Rev. orient., 1: 253, etc.
- 16 Op. 5: (Commentaries on the lesser prophets) Pesaro, (publisher) 1520.
- .1 Op. 6: (The harmony of Heaven)
Lost.
[Erroneously listed under his name: a) Adversus omnia catapbaptistarum prava dogmata. 1535; b) Das buch Bertrami des Priesters von dem Iyß und blut des Herren; as translator into German, 1532; c) Catechismus. Zürich (1534)]
- ABRAHAM, Bali ben Jacob.**
See Abraham ben Jacob.
- ABRAHAM ben David Arie, 1542-1612.**
Syn.: A. de (or e) Porta Leonis; Abramo dalla Porta del Leone; A. medicus; A. Rophe; A. of Mantua; A. Meshar Arie; De Porteleone; Leo Mutinensis. Note: the Hebrew "Arie" or "Gur Arie" means Leo (lion). "Rofe" means physician. Portaleone was a quarter situated in the vicinity of the ghetto of Rome. Not to be confused with Leo Mutensis [Jehudah Arie Memodenal] Rabbi at Venice, who died in 1634.
B. Mantua (or Modena? hence Mutinensis?), 1542, of an old family of Jewish physicians, well-known in 15. and 16. century Italy (JECHIEL, ca. 1455, in Mantova; Messer LEON or Jehudah ben Jechiel ha-Rofe, author of a work publ. in Mantova, 1476; BENJAMIN, or Guglielmo di Portaleone, physician in ordinary to Ferdinand I, King of Napoli, physician to Duke Galeazzo Sforza, and to Duke Ludovico Gonzaga ca. 1478; DAVID de Portaleone, father of Abraham, was physician at Napoli ca. 1490, later in Mantova). Studied the Talmud, and philosophy under Abraham PROVENÇAL, Jewish philosopher, Meir KATZENELLENBOGEN, and others; stud. Aristoteles and medicine at Pavia; graduated M. D., Pavia, 1563; returned to Mantova, and became physician of Duke Guglielmo Gonzaga; at the Duke's request, began research on gold and its therapeutic value; since 1566, member of the

- physicians' college of Mantova, Op. 1 publ. 1584; in 1606 very sick; Op. 2 finished 1607, published 1612. Died, probably at Mantova, July 29, 1612.
- See also Ario, C.d., & Broghirrolli, W. Documenti inediti a Maestro Abramo medico Mantovano de secolo XVI. Mantua, 1867 (Copy: Boston M. L.)
- 17 Op. 1: De auro dialogi tres.
Dialogues between Achryasmus and Dynachrysus Text begins and ends: "Tui Deus optimus Maximus servator sit ... D. Soli Deo optimo Maximo ... Laus Deo." Three dialogues.
- .1 *Venezia, Giambattista a Porta, 1584.
SGL: 312446
Copy: London; Paris; Berlin; Hunterian; München; SGL.
(4)f. (A₁-A₄) 178p. (12)f. for index; Italics; text 155mm; medal-lion emblem on tp.; tail-pieces; initials with grotesque figures; p.12: full-page emblem of author (cock and lion fighting).
A₂-A₃: dedication to Guglielmo Gonzaga, Duke of Mantova; A_{3v} blank; A_{4r} corrigenda; A_{4v} privilege of printing dated Nov. 22, 1583; p.1-2: preface; p.3-11: responsio; p.12: emblem of author; p.13-14: Lectori amico; p.15-178 text; A₂₂-ccs; Index; cc3 blank.
Autograph of previous owner: Giulio BURATTO.
- .2 (where) (publisher) 1586.
Copy: ?
Probably non-existent.
- 18 Op. 2: שילת גבורים Šilte giborim.
In 90 chapters; archaeology of Hebrew rituals, the result of his talmudistic studies; discusses also music, nature of animals and birds, military science; weapons; contains his autobiography. Finished 1607.
- .1 Mantova (publisher) 1612.
Copy: Paris.
Folio of 196 pages.
- .2 Venezia (publisher) 1638.
Italian translation.
- Op. 3: (Translator) PSEUDO - GALENUS.
De plantis.
Never published; manuscript copy unknown.
[Lost works: a) Observationes medicae; b) Liber de medicamentis.]
- ABRAHAM ben Jacob, ca 1487-1510.**
Syn.: Abraham Bali ben Jacob; Abraham ha-Rofe; Bali. Physician at Constantinople at the end of 15. and beginning of 16. century; pupil of Sabbatai ben Malkiel Kohen; known as commentator of al-FARABI, and GAZZALI, authors of philosophical works.
- Op. 1: (Commentator) FARABI. (Commentaries on Aristoteles)
MS copy: Leningrad No. 696.
- Op. 2: (Commentator) GAZZALI (Intentions of the philosophers)
Written by Abu Hamid Muhammed ibn Muhammed al-Gazzali (=Algazel; died ca. 1111). Never published.
[Also 5 other works, mostly talmudistic; MSS. at Leningrad, No. 621, 648, 659, 695.]
- ABRAHAM ben Jehudah, 16. cent. (ca 1520)**
Physician and rabbi in Constantinople; author of many talmudistic works.
- Op. 1: על השטן 'Al haš-šatan.
MS. copy: Wien. No. 159, p.168, etc.
A compendium on urine based chiefly on Ishāq's (died 950 A. D.) often-published work De urinis. Cf. Steinschneider: Die hebräischen Uebersetzungen, 1893, p.759.
- Op. 2: יסוד המכרא Jesod ham-mikra'.
MS commentary on the Bible.
- ABRAHAM ben Matatiah, fl. ca 1550.**
Rabbi, also physician.
- 18a Op. 1: Kuh Buch קוה בוך
Moral doctrines in Aesopian fables, written in German-Jiddish.
- .1 Verona (publisher) 1555.
4°, 315p. (?)
- ABRAHAM ben Meir, ca 1450-1523 or 1524.**
Syn.: A. de Balmes; A. de Balmis; A. de Balneis; De Palmis, Des Balmes, Desbalmisch. Not to be confused with Ibn Ezra (1089-1167)
R. about 1450, Lecce (Napoli); stud. med. Padova; practiced at Venezia; also privileged to practice at Napoli, about 1491, or

later, prof. med. at Padova, and physician to Cardinal GRIMANI (1460–1523); teacher of Hebrew. Died 1523 or 1524, Padova.

19 Op. 1: מִקְנֵה אַבְרָם Miqneh 'Abram.

Hebrew grammar containing also quotations related to natural sciences and medicine. The last chapter deals with accents, and was edited by Kalonymos ben David. Written at the request of the publisher.

- .1 *Venezia, Daniel Bomberg, Nov. 18, 1523.

Copy: Paris; Libr. Congr.; SGL.

SGL

Written in Hebrew. Text 10 x 16cm (158f.) 20 quires numbered in Arabic and lettered in Hebrew: 1^a–19^a20^a with 20^a blank. F. 1^v: title printed in a triangle the last line of which gives the title as above. The colophon on f. 20^a contains the name of the editor, and the date in years of Creation 5183. Price 22 RM (1931), \$38 (1940).

- .2 Venezia, Daniel Bomberg, 1523.

Copy: Libr. Congr.

Text in Hebrew and Latin.

- .3 Antwerpen (publisher) 1564. 4°

Copy: ?

Only the Latin text.

- .4 Hanau, Wilhelm Anton, 1594. 4°

Ref.: Grosse.

Copy: ?

Only the Latin text.

20 Op. 2: (Translator) IBN ROSHD [Various compendia, commentaries, and paraphrases on Aristoteles]

For the Hebrew translations of the works of IBN ROHDS (=Averroes) see *Steinschneider* (Die hebräischen Uebersetzungen. Berl., 1893) Commentaries translated from the Hebrew translations into Latin by Abraham ben Meir: 1) Logica, from the Hebrew of Yacub ben Makhiir, 2) Rhetorica, in IBN ROSHD, Op. om. Venezia, 1542; 3) Sophistica; 4) Topica from the Hebrew of Kalonymos ben Kalonymos; 5) Poetica; 6) Quæstorum logicarum 18; 7) De substantia orbis from an anonymous Hebrew translation. Many of these, corrected later by Jacobus MANTINUS (died 1550), published in the following editions of Op. om. of ARISTOTELES:

- .1 Venezia, Junta, 1550–1552.

Copy: London.

11 vols.; fol.; ed. by Giambattista BAGOLINI (died 1552)

- .2 Venezia, Junta, 1562.

Copy: London.

- .3 Venezia, Junta, 1574–1576.

Copy: London.

Op. 3: (Translator) GEMINUS. Isagogicon astrologiae Ptolomaei.

The Greek original of GEMINUS (110–59 B. C.) translated into Arabic; from the Arabic into Hebrew by MOSES ben TIBBON, ca. 1240; then, into Latin by Abraham ben Meir. Never published.

Op. 4: (Translator) IBN al-SAIG. Epistola expeditionis.

Written by Abu Bekr Muhammed ibn Yah'ya ibn Badye ibn al-Saig (=Avempace; died 1138) to Ali ben Abdal-Aziz ibn al-Imam; translated into Hebrew by Khaim ben Vivaz, then, at request of Cardinal Domenico Grimani, into Latin from the Hebrew; a bad translation; in preface the translator says: "Compendium necessarium Averrois totius logicae ac naturalis philosophiae et tandem divinae latinum vertimus." MS in Vatican, No. 3897.

Op. 5: (Translator) IBN al-HEITAM. Liber de mundo (or; Epitome Almagesti)

Written by Abu Ali al-Hasan ibn al-Hasan ibn al-Heitam al-Basri, known as Avenatan, Alhazen, or Alacenus (died 1038); an astronomical compendium translated into Hebrew ca. 1271; at request of Cardinal Grimani, translated into Latin. Never published. MS copy: Univ. Oxford.

ABRAHAM ben Nahmias, fl. 1590–1600.

Syn.: Abraham Nehemias Lusitanus; A. Nahmias; Ibn Nahmias. Not to be confused with Abraham Nahmias ben Josef (ca. 1490 in Ocaña), the translator of the Aristoteles commentaries of Thomas of Aquino.

B. in Portugal; physician in Constantinopolis.

21 Op. 1: Methodus medendi universalis per sanguinis missionem et purgationem.

Also known as *Sefer refu'ah*.

- .1 Venezia, Bernardo Bassa, 1591.

Copy: ?

- .2 (where?) (when?)

- .3 Venezia, J. B. Ciottus, 1604.

Copy: London.

83p.; 4°; called "3. ed.".

22 Op. 2: De tempore aquae frigidae in febris ardentibus ad satietatem exhibendae liber 1.

First, (second?) and third ed. together with Op. 1.

†Lost work: manuscript of legal questions.

ABRAHAM de Balmes (or de Balmis)

See Abraham ben Meir.

ABRAHAM de Balneis.

See Abraham ben Meir.

ABRAHAM ha-Levi ben Megas, fl. 1565–1585.

Syn.: Abraham ibn Megas; Aben Megas; ben Nigas.

B. in Spain, of the family of Josef ben Megas; practiced at Constantinopolis; physician to SULEIMAN I, "the Magnificent" (1490–1566), and followed his army; wrote several eschatological works, and a travel book, all in Hebrew.

23 Op. 1: כְּבוֹד אֱלֹהִים Kebod elohim.

- .1 Constantinople (publisher) 1585. 4°

Copy: ?

- .2 Constantinople (publisher) 1605. 4°

Ref.: Wolf.

ABRAHAM, of Mantua.

See Abraham ben David Arie.

ABRAHAM medicus.

See Abraham ben David Arie. Also other Jewish physicians called Abraham.

ABRAHAM, Meshar Arie.

See Abraham ben David Arie.

ABRAHAM, Nehemias.

See Abraham ben Nahmias.

ABRAHAM, of Perpignan.

See Bonafos.

ABRAHAM de Porta Leonis.

See Abraham ben David Arie.

ABRAHAM Rofe.

See Abraham ben David Arie; Abraham ben Jacob; and others.

ABRAVANEL, Judah.

See Abrabanele.

ABRAVANEL, Leon.

See Abrabanele, Jehudah.

ABREISSUNG eines ungestalten Kindes ... im Dorf Praust.

See Praust.

ABREISSUNG wunderbarer Kinder, so anno 1578. im Flecken Venrade in Geldern, &c.

See Venrade.

ABU 'ALI 'UMAR ibn Muḥammad an-Nafzāwī.

See Nafzāwī.

ABUL-ABBÁS Ahmad ibn Maḥmud al-Gamrī al-Wāsitī.

See Gamrī.

ABUL-ABBÁS ibn Muḥammad al-Askalānī.

See Askalānī.

ABUL-FADL 'Abdurrahmán.

See Suyūfī.

ABU ibn 'IWÁD ibn Muḥammad al-Magribī al-Imám.

See Magribī.

ABU MUHAMMAD ibn Muḥammad ibn Ibrāhīm al-Gassānī.

See Gassānī.

ABUNDANCE, Jean d', pseud., –ca 1550.

Pseudonym of a poet of the first half of the 16. century; was "bazochien et notaire royal de la ville du Pont-St.-Esprit", a town of Gard (France); wrote several satiric poems, jokes, etc., some of them of medical interest.

24 Op. 1: Les grans et merueilleux faictz du seigneur Nemo.

Paraphrasis (or translation?) of Ulrich v. HUTTEN's *Outis*; attributed to Abundance.

- .1 [Lyon, P. de Sainte Lucie, s. a.]

Copy: Paris.

Gothic; (2)ff. in 2 cols; 4° Rarissimum.

25 Op. 2: La guerre et le débat entre la langue, les membres et le ventre (etc.)

The ancient political speech at time of the secession of the Romans.

- .1 Paris, Jean Trepperel, s. a.
Copy: Paris.
- (18)f. 4° Gothic; illustr. Printed after 1502. Rarissimum.
- .2 Paris, Silvestre, 1840.
Facs. reimpression in 8° Copy: L. Congr.
- ***ABU SARĪ** ad-Dīn ibn as-Sā'ig al-Ḥanafī.
See Sā'ig.
- ACACIA** (or **Acakia**)
See **Akakia**.
- ACADEMICO Bramoso** de' Solleciti di Trevigi.
See Giambelli, Cipriano.
- ACADEMY.**
For publications of academies see the place of residence.

ACAMPO, Simone, sr, fl. ca 1592.

Syn.: **Acampus**.
Physician and philosopher; practitioner at Napoli; wrote his single work in 1592.

26 Op. 1: Commentaria in libros Galeni.

Commentaries on: 1) *De differentiis februm*; 2) *De tumoribus praeter naturam*.

- .1 Napoli, Secundino Roncalioli, 1642.
Copy: London R. Coll. Phys.; Paris; Berlin; Göttingen.
- 318p. 4° Ed. by Simone ACAMPO, jr, physician and priest at Napoli ("Parthenopeo sacerdote"), after the death of the author. Title begins: "Simonis Acampi ..."
- .2 Napoli, D. Maccaranus, 1647.
Copy: London; Paris.
- "In varios Galeni libros commentarii". 4° Both editions are rare.

A Castro.

See **Rodríguez**.

ACCORAMBONI, Felice, fl. 1590-1600.

Syn.: **Accorambonius**; **Accoromboni**.
B. Gubbio; grandson of Girolamo ACCORAMBONI, and contemporary of Baldo Angelo ABBATI; physician, philosopher, and poet; husband of the niece of Sixtus V (1521-1590), Pope (1585-90); prof. philos. in Roma; interpreter of ARISTOTELES, THEOPHRASTUS, and GALENUS.

27 Op. omn.: Interpretatio obscurorum locorum et sententiarum Aristotelis (etc.)

Syn.: "Vera mens Aristotelis"; "Eruditissima in omnia Aristotelis opera explanatio." Contains also: a) *Tractatus de fluxu et refluxu maris*; b) explanation of THEOPHRASTUS *Libri de plantis*; c) annotations to GALENUS *De temperamentis*.

- .1 Roma, Sanctius, 1590.
Copy: London; Paris; Berlin; Breslau; Wien; Lloyd.
- 822p. fol. Begins on tp.: "Felicis Accoramboni Interpretatio (etc.)."
- .2 Roma, (publisher) 1600.
Ref.: Eloy; Adelung.
Copy:?
- .3 Roma, P. Parisius, 1603.
Copy: London; Lloyd.
- 819p. fol.; as "Vera mens" etc.
- .4 Roma, P. Parisius, 1604.
Copy: London; Berlin; Breslau; Paris.
- 822p. fol.; as "Vera mens" etc.

28 Op. 2: (Letters)

- .1 Vicenza, Burato, 1869.
Copy: Berlin.
- 19p. Correspondance with Marco DI THIENE; from the Archives of Conte Giorgio TRISSINO. Title: "Lettere estratte (etc.)."

Op. 3: (Commentaries on PLATO)

MS copy: Roma Bibl. Slusian.

†Note: various poems published in different anthologies.

ACCORAMBONI, Girolamo, 1469-1537.

Syn.: **Accorambonius** Eugubinus; A. Hieronymus; A. Geronimo.

B. Gubbio (Lat. Eugubium), 1469 (not 1496!); studied medicine at Perugia against the wishes of his father, Fabio; married, and had a son (1502-1559), Fabio, a famous jurist, and professor of law at the Univ. Padua; prof. med. at Perugia, and physician to Leo X (1475-1521), Pope (1513-1521) and to Clement VII (1475-1534), Pope (1523-1534); when Rome was stormed and sacked by French troops, and the Pope made prisoner in 1527, he lost his fortune and manuscripts (see preface to Op. 3), and fled to Padova, where he stayed as prof. med. till 1534; Paul III (1468-1549), Pope (1534-1549), called him back to Rome as his private physician; here he died, Febr. 21, 1537 (not 1535!)

29 Op. 1: Tractatus de putredine.

.1 Venezia, A. de Arrivabene, 1534.

Copy: London; München; Breslau; Wien.

15f. 8°

30 Op. 2: Tractatus de catarrho.

Probably identical with his lost work mentioned in the preface of Op. 3 as "De fluxu omnium generum et eius curatione". Dedicated to Paul III, Pope, who has been suffering from catarrh for many years.

.1 Venezia, Andr. de Arrivabene, 1536.

Copy: London.

47f. 8° Also as MS is the Sloane collection (No. 2858) dated 1536.

31 Op. 3: Tractatus de natura et usu lactis.

Syn.: *Tractatus de lacte*.

Dedicated to Johan Chojensky (Lat. Chojenius), Bishop of Kraków, here mentioned as bishop of Plotzk (Poland) (died 1532?). Written before 1527, in which year the manuscript was lost in Rome; the first two parts of it were later found by the author's son, Fabio, and the third part was supplied from the notebook of a former German pupil. Text: "Quod primum ac potissimum nobis proposuimus in hoc tractatu ... credimus nunc sufficere ad laudem altissimi, a qua bona omnia ad nos proveniunt." Divided into 3 parts: 1) the breastmilk; its formation; effect of menstruation; menstruation during pregnancy; 2) quality and analysis of human and animal milk; the cheese; 3) dietetic use of milk; his personal experiences in tuberculosis; use of human milk in diseases of adults.

.1 Venezia, Andr. de Arrivabene, 1536.

Copy: London; Paris; München; Breslau.

8° 48f. Begins on tp.: "Excellentissimi ..."—50 RM (1940)

.2 *Nürnberg, Johan Petri (= Petreius), 1538.

SGL: 69118

Copy: London; Paris; Berlin; etc.; Crummer Collect.; SGL.

Issued as 2. pt, under different sigs, to Sextus PLACITUS Papyrensis: *De medicamentis ex animalibus* under title, "Sexti Placiti ... Item. Tractatus utilissimus de natura et usu lactis." (52)f. of which pt 2 has (36)f. Text 160mm; Roman: Sigs: pt 1: aa'-cc'dd'; pt 2: a'-c'd'e'-i'.

Pt 1: aa₁: title as above; aa₁-aa₂: preface of the editor, Franz EMERICH, of Troppau (=Oppavianus), physician in Wien, to the vice-chancellor of Germany; of Placitus and Antonius MUSA: aa₂-dd₃: text of Placitus; dd₄-dd₆: text of Antonius MUSA *Ad moecenatem suum de bona valetudine instructio*; dd₆ blank.

Pt 2: a₁: title: "Excellentissimi philosophi et ... tractatus de lacte." a₁-a₂: author's preface to Bishop Chojensky: "Dum superioribus annis ... nomini tuo dicata in lucem prodant. Felix vale, 1536." a₂-i₄: text. Stamped leather bd ("R. V."), rebound.—80fr. (1932)

†SGL copy bound with IBN ROSHD. *Collectancorum de re medica* (etc.) Lyon, 1537.

†Note: The *De lacte* does not occur in later editions of PLACITUS.

.3 Basel, (publisher) 1578. 4°

Copy:?

†Error of LINDEN: Basel, 1538, in Sextus PLACITUS.

ACCORDS bigarrures (etc.)

See *Seigneur des* (etc.) under **Tabourot**, Estienne.

ACCOREMBONI.

See **Accoramboni**.

ACCOROMBONIUS.

See **Accoramboni**.

ACEBEDO.

See **Acevedo**.

ACESIA cacodoxus, pseud.

See **Donzellino**, Girolamo; also **Calzaveglia**, Vincenzo

ACESIUS, Leonhard.

See **Sauer**, Leonhard.

ACEVEDO, Pedro de, fl. 1570-1600.

Syn.: **Azevedo**, P. de.

B. Canary Islands; lived in Spain and Portugal as a priest. All his works are rare; no copy identified.

32 Op. 1: Recreación del alma y defensa del Evangelio contra la superstición astrológica.

.1 Sevilla, Alonso Escribano, 1570. 8°

Ref.: Antonio.

Copy:?

33 Op. 2: Remedios contra pestilencia.

Probably identical with the MS: "Recreo del alma y alivio contra la pestilencia y otros males."

.1 Zaragoza, Pedro Puig, 1589.

Ref.: Sánchez 696. Copy:?

Note: also author of *Marial*, discursos morales. Lisboa, 1602.

ACHENBACH, Anton, ca 1590-1600.

Called "Laspensis"; stud. med. Univ. Heidelberg; grad. 1598.

34 Op.: De respiratione.

Heidelberg, (publisher) 1598.

Copy?: Ref. Heffter.

Thesis; praeses Simon KOCH (=OPSOPAEUS; died 1619); probably Johannes KOCH, since his brother, Simon, became professor of medicine in 1614.

ACHILLINI, Alessandro, 1463-1512.

Syn.: Achillinus; de Achillinis.

B. Oct. 29, 1463 (not 1461), "post meridiem", at Bologna; son of Claudio Achillino di Cavalcaselli; brother of Giovanni Filoteo ACHILLINO (see), the Italian poet; studied philosophy and medicine at the Univ. of Bologna, but not in Paris; grad. at this university, Sept. 7, 1484; prof. of logics with a salary of 100 Bolognese livres, 1484-1488; his portrait painted by Francesco FRANCIA (Jacopo BOATERI; 1487-1557), in 1486 (aet. suae 23; now in the Uffizi Collection); extraordinary prof. of philosophy at Bologna, 1488-1490; ordinary prof. of philosophy, 1490-1495; Op. 8 and Op. 13 publ., 1494; lecturer on medicine, Bologna, 1495-1497; again prof. of philos., 1497-1501; Op. 6 publ., 1498; Op. 10 and Op. 14 publ., 1501; prof. of both philosophy and medicine at Univ. Bologna, and physician to the ruler of Bologna, Giovanni BENTIVOGLIO (1430-1508), with a prof. salary of 200 Bolognese livres, 1501-1506; at the convention of Franciscan brothers, Roma, May 1506; Op. 11 publ. 1502; Op. 3 publ. 1503; editor of TRIOMFO (Op. 15), 1503; Op. 7 and Op. 9 publ. 1504; Op. 5 publ. 1505; Op. 13 publ. 1506; political troubles in Bologna, flight to Padova, Oct. 1506; ordin. prof. of philos., Padova, Nov. 7, 1506-Sept. 1508; here, disputations with Pietro POMPONAZZI (1462-1526), Italian philosopher ("aut diabolus aut magnus Achillinus"); received an annual salary of 250 livres; called back to Bologna under the penalty of confiscation of his Bolognese property; return to Bologna, Sept. 14, 1508; prof. med., with a salary of 900 livres, 1508-1511; Op. omn. published 1508; study of Avicenna (De febris), 1509; Op. 4 separately published, 1510; political troubles, and suspension of lectures, 1511; Op. 12 publ. 1512; died, after a few days' sickness, Aug. 2, 1512; entombed in the Chiesa di S. Martino Maggiore, Bologna. He was rather a philosopher than a physician, mixing Aristoteles with the ideas of Ibn Roshd (=Averroes). While his demonstrator, the surgeon Pietro MORSIANO, was performing autopsies, he lectured and commented on MONDINO's anatomical work. He is claimed to be the discoverer of the middle-ear ossicles, of the submandibular duct before WHARTON, of the ileocecal valve before BAUHIN, etc.

For biography see Münster, L. Alessandro Achillini, Riv. stor. sc. med., 1933, 15: 7-22; 54-77 (also portr.); good biography with authentic documents, but with incorrect bibliographical data for Achillini.—Streeter, E. C. Francia and Achillini. Med. Pickwick, 1915, 1: 60 (portr.).

Portrait from his Op. 1.1.



†Check list of works

Opera omnia.

(ed.) ALEXANDER APHRODISIENSIS. De intellectu See Op. 14.

(ed.) ALEXANDER, the GREAT. The mirabilibus Indiae. See Op. 14.

Anatomia. See Op. 1.

Op. 1.: Anatomicae annotationes.

Annotationes. See Op. 1.

Approbatio chiromantiae B. Coclitis. See Op. 3.

(ed.) ARISTOTELES. De mineralibus. See Op. 14.

144964—Vol. 6, 4th Series—52

ARISTOTELES. De physicorum auditu. See Op. 12.

(ed.) ARISTOTELES. De signis aquarum. See Op. 14.

Op. 2.: ARISTOTELES. Rhetorica.

(ed.) ARISTOTELES. Secreta secretorum. See Op. 14.

(ed.) AVERROES. De beatitudine animae. See Op. 14.

Op. 3.: De chiromantiae principii et physiognomiae.

(ed.) De cognitione animae. See Op. 15.

Op. 4.: De distinctionibus.

De distributionibus et proportionibus motuum. See Op. 8.

Op. 5.: De elementis.

De humani corporis anatomia. See Op. 1.

De intelligentiis. See Op. 13.

Op. 6.: De orbibus.

De physico auditu. See Op. 12.

De physiognomia. See Op. 3.

Op. 7.: De prima potestate syllogismi.

De principii chiromantiae et physiognomiae. See Op. 3.

Op. 8.: De proportionibus motuum.

Op. 9.: De subiecto medicinae.

De subiecto physiognomiae et chiromantiae. See Op. 3.

De substantia orbis. See Op. 6.

Op. 10.: De universalibus.

Op. 11: Examinatio figurae quadratae et additio oblongae.

Op. 12.: Expositio primi physicorum.

Fragmentorum fractiones physicae. See Op. 12.

(ed.) IBN ROSHD. De beatitudine animae. See Op. 14.

Interpretatio in libros physicae auscultationis. See Op. 12.

Philosophia naturalis. See Op. 12.

Physicorum interpretatio. See Op. 12.

Quaestio de subiecto medicinae. See Op. 9.

Quaestio de subiecto physiognomiae et chiromantiae. See Op. 3.

Op. 13.: Quodlibet de intelligentiis.

Repertorium ex annotationibus anatomiae. See Op. 1.

Op. 14.: (ed.) Septisegmentatum opus.

Op. 15.: (ed.) TRIOMFO, A. De cognitione animae.

Op. 16.: (Poems)

35 Op. omni.: Opera omnia.

Syn.: Opera omnia philosophica.

.1 Venezia, Bonetus Locatellus for Octavianus Scotus, July 1508.

Copy: London; München; Göttingen; Boston M. L.

119f.; fol.; Gothic. Title: "Habes accuratissime lector ..."

Contents: Op. 13, 6, 10, 12, 5, 3, 7, 9, 4, 8.

.2 *Venezia, Hier. Scotus, 1545.

SGL: 310901

Copy: London; Paris; Berlin; München; Wien; SGL.

6 p. l.; 195f.; text 255mm; Italics; 2 cols.; printed marginalia; historiated initials; few diagrams in text. Title: "Opera omnia in unum collecta". Ed. by Pamfilio MONTI, prof. med. at Padova; single works of Achillini collected and corrected from their first editions.

(1r.): titlepage with print. dev. and list of contents; 2r.: preface of editor to Sebastiano FOSCARINO, Venetian nobleman; 3r.-6r.: Index; (6v.): corrigenda; 1r.-22r.: Op. 13; 22v.-60v.: col. 1; Op. 6; 60v.-col. 2-63v.: Op. 10; 64v.-90v.: Op. 12; 90v.-149v.: Op. 5; 149v.-155v.: col. 2; Op. 3; 156v.-158v.: Op. 9; 155v.-col. 2-156v.: Op. 7; 158v.-183v.: Op. 4; 184v.-195v.: Op. 8; 195v.: register; print. dev.; colophon.—Rare ed.

.3 *Venezia, Hier. Scotus, 1551.

SGL: 312444

Copy: SGL.

4f. 148f. 36f.; f.33 and f.34 as 171, 172; text 265mm; Roman; inferior quality of printing; 2 cols.; few diagrams. Title, editor, and arrangement of works the same as in 2. ed. Op. 4 and Op. 8 (at end of volume) form a separate part.—350 lire (1932)

†SGL copy bound with ZIMARA. Theoremata. Venez., 1550, and ZIMARA. Tabula dilucidationum. Venez., 1548 (166f.)

.4 Venezia, Hier. Scotus, 1568.

Copy: Paris; Osler; München; Wien; Breslau; Penn. Univ.

4f. 334p.; 1f. fol.; woodcut medallion of Aristoteles; print. dev.; woodcut initials and figures (?); editor, and arrangement of works the same as in 2. ed.—40 Sw. fr. (1938).

†Editions nonexistent: a) 1559, mentioned by Atkinson; b) 1608, Venezia; misprint for 1508.

36 Op. 1: Anatomicae annotationes.

Syn.: Anatomia; Annotationes; De humani corporis anatomia; Repertorium ex annotationibus anatomiae.

Synonyms of title taken for as many separate works by several bibliographers (DE RENZI 3; CAPPARONI 2; MUENSTER 2, etc.) A manual for anatomical dissection, with criticism of statements of previous anatomists; based chiefly upon experience gained during his medical professorship 1501-1506. Text begins and ends: "Anatomia est artificiosa membrorum divisio et ... undecimam et duodecimam per multa capita queritans nunquam inveni."

.1 *Bologna, Hier. de Benedictis, Sept. 24, 1520.

SGL: 238493

Copy: London; Paris; Hunterian; SGL.

18f; (a⁴-c⁴d⁴); 165 mm text size; Roman; portr. of author on tp. (10 cm x 10 cm) with poem of Annibale CAMILLO, stud. med., below. Ed. by author's brother, Giovanni Filoteo ACHILLINI (see).

(1r): "Magnus Alexander Achillinus"; portr. and poem; 1v: preface of editor to Pamfilo MONTI, dated Sept. 13, 1520; 2r-17v: "Annotationes anothomicae"; at end of 17v: corrigenda; 18r: poem of Annibale Camillo; 18v blank.—Very rare E. P.

.2 Venezia, J. Ant. & Fratr. de Sabio, 1521.

Copy: London; Paris.

8° Ed. by G. Fil. Achillini.—Rare.

.3 *Venezia, Arrivabeni, Mar. 31, 1522.

SGL: See KETHAM

Copy: Paris; SGL.

Printed as Chapter 10 of *Fasciculus medicinae* (KETHAM, J.) (see that). It follows MONDINO's *Anatomia* (Chapt. 9), on f.46v-55.col. 1; 46v: full-page woodcut of urine examination; 47r: "Incipit repertorium ex annotationibus anathomie Magni Alexandri Achillini bononiensis noviter excerptum." 47v: preface of G. Fil. Achillini to P. Monti as in E. P.; work considered fragment of an anatomical manual; 48r: "Annotationes anathomie ..."; explicit on 55r in col. 1.

Note: The very rare Italian translation of the *Fasciculus* of KETHAM, published Jan. 7, 1522 by Ces. Arrivabeni in Venezia, does not have Achillini's Annotations. Mondino's work (38r-56v) is followed by Secreti de herbe. (See description under KETHAM.)

Editions nonexistent: a) 1524, Bologna, in KETHAM. *Fasciculus*, publ. Ettore Benedetti; confused by Brüggeman with a 1523 ed. of BERENGARIO da CARPI; b) 1516, Venezia; quoted by Capparoni, Münster; nonexistent; c) 1568, Venez., T. Antoninus; mentioned by Atkinson; error.

37 Op. 2: (editor) ARISTOTELES. *Rhetorica*.

Venezia, O. Scotus & G. Arrivabeni, (1515)

Copy: London; Paris; Berlin; München.

4f., 118r., 13f.; fol.; Gothic; 2 cols. Title: "Rhetorica Aristotelis ..."; with commentaries of COLONNA (Aegidius Romanus) and of Alfarabius; also Poetica of Aristoteles with commentaries of Ibn Roshd. Alessandro Achillini is mentioned as editor by the catalogue of the Bibl. Nat. Paris. How is this possible?

38 Op. 3: *De chyromantiae principiis et physionomia*.

Syn.: *De physionomia*; *De principiis chyromantiae et physionomia*; *De subiecto physionomia et chiromantiae*; *Quaestio de subiecto p. et c.*

Text begins and ends: "Quaeritur utrum physionomia aut chiromantiae subiectum sit homo ... demonstratione quia utentes et speculative et de humanis operibus recte iudicantes."

Achillini also wrote a preface to the 1504 Bologna ed. of COCLES (=Bartolomeo DELLA ROCCA) *Anastasis chyromantiae*; the preface, which is an approbation of the work of DELLA ROCCA, begins: "Venerandam sophiae veritatem ..." Op. 3 of Achillini is not the same as this Approbatio, though the title of the preface has been repeatedly used as the title of Op. 3.

.1 *Bologna, J. Ant. de Benedictis, 1503.

SGL: 312441

Copy: London; Paris; Wien; Berlin; München; SGL; Pannonhalma.

Bound with the *Anastasis* of COCLES (=DELLA ROCCA) forming the 12 leaves which precede the 164 leaves of the main work. Date of main work: 1504. Text size 285mm; Gothic; 2 cols.

Tr.: "Alexander Achillinus/ Bononiensis de/ Chyromantiae/ principiis et/ Physionomia/"; tpv: preface of Achillini to Cocles; (2r)-12v: text of Op. 3. For description of main work see DELLA ROCCA.—£3-15 (1933).

Ex libris: Gino Sabattini; by R. Rubino; very interesting bookplate.

.2 Venezia, Bonetus Locatellus for Oct. Scotus, 1508.

See in Op. omn. (No. 35.1)

.3 *Pavia, Bernardinus de Garaldis, Dec. 5, 1514.

SGL: 120545

Issued with other physiognomical works under title: "Infinita naturae secreta quibuslibet hominibus contingenda providenda cavenda ac prosequenda declarant in hoc libro contenta ..." See description of volume under INFINITA (etc.) Consists of 2 parts: pt 1, Pavia, B. de Garaldis, Jan. 19, 1515; pt 2, Pavia, B. de Garaldis, Febr. 20, 1515. Achillini's treatise on AA₁-BB₄v, with separate imprint as above; according to the Registrum, it should precede the work of DELLA ROCCA. Volume contains ARISTOTELES, Michael SCOTUS, COCLES, and ACHILLINI. Not to be confused with ARISTOTELES: *Secreta secretorum*.

.4 Bologna, Hier. de Benedictis, Nov. 1517.

Copy: Boston M. L.; Ref.: Panzer.

Issued with DELLA ROCCA (=Cocles). *Chyromantiae ac physionomia anastasis*. Fol.

.5 Bologna, Hier. de Benedictis, 1518.

Copy: Breslau; Wien.

8f.; fol.; "De chyromantiae principiis et physionomia".

.6 Bologna, Hier. de Benedictis, 1523.

Copy: London; Wien.

8f.; fol.; Gothic. "De chiromantie et physionomie principiis."

.7 *Venezia, Hier. Scotus, 1545.

See in Op. omn. (No. 35.2)

.8 *Venezia, Hier. Scotus, 1551.

See in Op. omn. (No. 35.3)

.9 Venezia, Hier. Scotus, 1568.

See in Op. omn. (No. 35.4)

Nonexistent or doubtful editions: a) 1504, Bologna; date of main work is taken for date of Op. 3; see above under E. P. (No. 38.1); b) 1515, Pavia; date of main work taken for date of Op. 3; see above under No. 38.3; c) 1536, Bologna, J. Albertus; with COCLES?; d) 1563; e) with Cocles, 1586?

39 Op. 4: *De distinctionibus*.

Philosophical. Text begins and ends: "Ens tres habet significationes ordinatas ... Theologo relinquimus (etc.) Sed quia in libro de intelligentiis de his satis dixi, haec dicta sint ad Magificientiam dei omnipotentis ... Amen."

.1 Venezia, B. Locatellus for. O. Scotus, 1508.

See in Op. omn. (No. 35.1)

.2 Bologna, J. A. de Benedictis, 1510.

Copy: Paris; Berlin; Bonn.

40f.; fol.

.3 (Bologna, publisher?, 1518)

Copy: London; Göttingen.

25f.; fol.; Gothic. Title: "Habes ... de distinctionibus aureum opusculum". With annotations of Francesco MARIANO (died 1528), physician at Cremona (see).

.4 *Venezia, Hier. Scotus, 1545.

See in Op. omn. (No. 35.2)

.5 *Venezia, Hier. Scotus, 1551.

See in Op. omn. (No. 35.3)

After f.143 as 1r-25v.

.6 Venezia, Hier. Scotus, 1568.

See in Op. omn. (No. 35.4)

40 Op. 5: *De elementis libri 3*.

Text begins and ends: "Clarissima luminum lux (or: luminum clarissima lux) qua omnes ... ideo haec historiographis relinquuntur & praesertim de Marco Veneto aut Dominico Indiano loquentibus. Sint Deo optimo ac maximo, Laus, Gloria & Honor."

.1 *Bologna, J. A. de Benedictis, Sept. 11, 1505.

SGL: 312442

Copy: London; Berlin; München; Wien. SGL.

(2)f. 86f.; text 230mm; Gothic; 2 cols.; print. dev. at end. (1r): "Alexander Achillinus/ Bononiensis/ De elementis/"; epigram of Virgilio Porto, of Modena; (1v)-(2r); index; (2v): preface of author to Giovanni BENTIVOGLIO, beginning: "Heraclitus philosophorum ..."; 1r-86r: text; 86r: explicit, registrum, print. dev.

.2 Venezia, Bonetus Locatellus f. Octavianus Scotus, 1508.

See Op. omn. (No. 35.1)

.3 *Venezia, Hier. Scotus, 1545.

See Op. omn. (No. 35.2)

.4 *Venezia, Hier. Scotus, 1551.

See Op. omn. (No. 35.3)

.5 Venezia, Hier. Scotus, 1568.

See Op. omn. (No. 35.4)

41 Op. 6: *De orbibus libri 4*.

Syn.: *De substantia orbis*.

The four books discuss 1) materia coeli, 2) forma coeli, 3) congregatum, 4) accidentia. Text begins and ends: "Caelum subiciens. hoc secundum opus in quattuor libros divido ... Haec de coelo nunc dicta sint ad magnitudinem summae bonitatis, cui semper sint Laus, Gloria & Honor."

.1 *Bologna, Benedictus Hectoris, Aug. 7, 1498.

SGL: 312440

Ref.: Hain 72; Reichl. I, 8; Gesamtk. 191.

Copy: Bodleian; Berlin; Wien; Bonn; Boston M. L.; Libr. Congr.; SGL.

Titlepage, 51f., 1f.; text 235mm; Gothic; 2 cols.; a⁴-h⁶i⁴; print. dev. at end.

ai: titlepage; a₁v blank; foliation begins on a₂; 1r-51r; text; 51r, col. 2: colophon; 51v-4r: table of "dubia"; 4v blank. SGL copy bound in vellum.—2200 lire (1927); \$110 (1940)

.2 Venezia, B. Locatellus, 1508.

See Op. omn. (No. 35.1)

.3 *Venezia, Hier. Scotus, 1545.

See Op. omn. (No. 35.2)

.4 *Venezia, Hier. Scotus, 1551.

See Op. omn. (No. 35.3)

.5 Venezia, Hier. Scotus, 1568.

See Op. omn. (No. 35.4)

42 Op. 7: De prima potestate syllogismi.

Syn.: De potestate syllogismi.

Very short treatise. Text begins and ends: "Utrum posse plura concludere sit potestate syllogismi ... Sed respectu consequentis quod ipsa est apta inferre. Sed haec pro nunc sint satis."

.1 Bologna, Joh. Ant. de Benedictis, 1504.

Copy: Berlin.

6f. fol. Further editions see in Op. omn. (No. 35.1-4)

43 Op. 8: De proportionibus motuum quaestio.

Syn.: De proportionibus motuum quaestio.

Text begins and ends: "Sit nomen domini benedictum. An recentiores mathematici Aristotelem in errore deprehenderint ... clorda fortius resistit (etc.) Ad secundum, tertium, & quartum conceduntur conclusiones tamquam imaginabiles. Sint deo laus Gloria & honor." Discusses motion of planets, etc.

.1 Bologna, B. Hectoris Faelli, June 1, 1494.

Ref.: Panzer; Hain 71.

Copy: Kraków Univ.; Napoli BN; Issued with Op. 13. See No. 48.1.

.2 Venezia, B. Locatellus, 1508.

See in Op. omn. (No. 35.1)

Further editions see in Op. omn. (No. 35.2-4)

44 Op. 9: De subiecto medicinae.

Syn.: Quaestio de ...

Short treatise. Text begins and ends: "Utrum homo secundum quod arte sanabilis est, et subiectum medicinae ... medicum esse artificem mechanicum, quemadmodum eleganter dixit plusquam commentator, prima technis commento septimo."

.1 Bologna, Joh. Ant. de Benedictis, 1504.

Copy: Berlin;

Issued with Op. 7 (see No. 42.1). For further editions see Op. omn. (No. 35.1-4)

45 Op. 10: De universalibus.

Short treatise. Text begins and ends: "Utrum universalis existant in intellectu. Respondeo duplex universale ... consequentia non sunt inconvenientia. patebit alias." Never printed separately. Issued either in his Op. 14 or in the Op. omn.

.1 Bologna, Bened. Hectoris, 1501.

Copy: Berlin; Paris.

See description under No. 49.1. For further editions see No. 35.1-4 and No. 49.

46 Op. 11: Examinatio figurae quadratae et additio oblongae.

.1 Bologna, (publisher?) 1502.

Copy: Paris.

Issued in BURLEY, W. De primo et ultimo instanti. Listed as a separate work by the Cat. Bibl. Nat. Paris.

47 Op. 12: Expositio primi physicom.

Syn.: De physicorum auditu; De physico auditu; Fragmentorum fractiones physicales; Interpretatio in libros physicae auscultationis; Philosophia naturalis; Physicom interpretatio. Commentary to ARISTOTELES (φυσικὴ ἀκρόασις; Auscultatio physica) Text begins and ends: "Deus illuminatio mea sit. Primo dubitabitur utrum naturatum sit subiectum in philosophia naturali ... quae fragmenta esse voluissim. sed fragmentorum fragmenta sunt, quoniam eis comminutiva fractio supervenit Hispanis Bononiam armis impetentibus et moenia machinis deicientibus ... Explicunt Fragmentorum fractiones physicales ..."

.1 Venezia, Bonet. Locatellus, 1508.

See Op. omn. (No. 35.1)

.2 *Bologna, Hier. de Benedictis, 1512.

SGL: 312443

Copy: SGL.

34f.; text 245 mm; Roman; 2 cols.; few diagrams. 1.: label title "Alexandri Achillini bononiensis: Expositio primi physicom./ 1.: preface of the author; 2.-v: tabula, explanation of metaphysical terms; 3.-34: text; 34: blank. Diagrams on 15v. SGL copy with contemporary manuscript marginalia; bound in vellum with medieval music notes on binding.

.3 (Bologna?, publisher, 1518?)

Copy: London; Göttingen.

With annotations of Francesco MARIANO (cf. No. 39.3). Gothic. London copy 14f.; Göttingen copy 24f. (correct?). "Interpretatio in libros ... physicae auscultationis."

†For further editions see Op. omn. (No. 35.2-4)

48 Op. 13: Quodlibeta de intelligentiis.

Syn.: De intelligentiis; Quolibeta de intelligentiis; De intelligentiis quolibeta 5.

Metaphysical work. Text begins and ends: "Utrum latitudo intellectuum sit uniformiter difformis ... de qua loquitur modo litera praesens. Explicunt quolibeta de intelligentiis ..."

.1 Bologna, Bened. Hectoris Faelli, June 1, 1494.

Ref.: Hain 71; Gesamtkat. 192.

Copy: Kraków Univ.; Napoli BN.

36f.; fol.; issued with Op. 8 (see No. 43.1) Rarissimum.—2700 lire (1927)

.2 Bologna, Bened. Hectoris, 1506.

Copy: Berlin; Bonn.

32f.; fol.

.3 Venezia, Bon. Locatellus, 1508.

See Op. omn. (No. 35.1)

For further editions see Op. omn. (No. 35.2-4)

49 Op. 13: (editor) Septisegmentatum opus.

Syn.: ARISTOTELES. Secreta secretorum.

By most libraries catalogued under "Aristoteles." Called also Septipartitum opus; a collection of works by various authors (ARISTOTELES, ALEXANDER Aphrodisiensis, IBN ROSHD, etc.) including his own Op. 10.

.1 Bologna, Benedictus Hectoris, Oct. 26, 1501.

Copy: Berlin; Paris; Univ. Paris.

36f.; fol.; 2 cols.; print. dev. Title: "Aristotelis, philosophorum maximi, Secretum secretorum ad Alexandrum ..." Contents: 1) ARISTOTELES. Secretum secretorum: De regum regimine; De sanitatis conservatione; De physionomia; 2) ARISTOTELES. De signis tempestatum, ventorum et aquarum; 3) ARISTOTELES. De mineralibus; 4) ALEXANDER APHRODISIENSIS. De intellectu; 5) AVERROES (=IBN ROSHD) De animae beatitudine; 6) ACHILLINI, A. De universalibus; 7) ALEXANDER (the Great) De mirabilibus Indiae ad Aristotelem.

.2 Bologna, Bernard. de Vitalibus for Bened. Hectoris, Jan. 1516.

Copy:

Fol. Title and arrangement of works as in E. P. At end: "Explicit septisegmentatum opus ab Alexandro Achillino ambas ordinaries et philosophiae et medicinae theoriae publice dorente: ut non amplius in tenebris latitaret editus (!)"

.3 Paris, Du Pré, 1520.

Copy: London; Crummer Collect.

113f.; 12°; tp. red; Gothic.

.4 *[Lyon, A. Blanchard] Mar. 23, 1528.

SGL: 390281

Copy: Berlin; Kiel; Wien; Paris; Hunterian; SGL.

Tp., (f.2)-f.83, 1f. blank; text 110 mm; Gothic; tp. within border; animated initials. Title: "Secreta secretorum Aristotelis ..." Arrangement of works as in previous editions: Secretum secretorum (2-42); De signis (43-47); De mineralibus (48-50); Alexander Aphrodisiensis (50-54); Ibn Roshd (55-63); Op. 10 of ACHILLINI (64-73); Alexander the Great (74-83); 83: print. device.

†Nonexistent: a) 1516, Venezia; probably an incorrect reference to No. 49.2.

50 Op. 15: (editor) TRIOMFO, A. De cognitione animae.

.1 Bologna, J. Jac. de Benedictis for A. de Placentia and J. de Ripis, May 31, 1503.

Copy: London; Paris.

52f.; 4°; Gothic. Title: "Opusculum perutile de cognitione animae ..." Contains a) Destructio arboris Porphyrii, and b) Tractatus de cognitione animae, both by Augustino TRIOMFO (=Triumphus; 1243-1328) and "accuratissime revisum (!) per A. Achillinum."

51 Op. 16: (Poems)

Published in Collettance Greche, Latine (etc.) edited by his brother, Giovanni Filoteo ACHILLINI (see), for the memory of Serafino AQUILANO, Italian poet (died Aug. 10, 1500)

.1 Bologna, Caligula Bazaliero, 1504.

See under No. 53.

†Works of Alessandro ACHILLINI, which remained unpublished (cf. Münster): 1) Expositio super primam quarti Avicennae (De febribus) dated Sept. 7, 1509; 2) Tabula in medicina; 3) Quoddam consilium in medicina; 4) Autoritates Galeni; 5) Multa ex Eutishari (?) sophista; 6) De mixtis; 7) Libri 12 metaphysicarum. No. 1-5 are in the library of Univ. Bologna.

ACHILLINI, Giovanni Filoteo, 1466–1538.

Syn.: Achillini, Gianfiloteo.

B. Bologna, 1466; was "consiliarius regius", and poet; founded an academy called A. del Viridario at Bologna, 1511; brother of Alessandro ACHILLINI (see), and editor of his brother's anatomical work. His own publications are of little medical interest. Died 1538. All works extremely rare.

52 Op. 1: Epistole ... dove si narrano tutte le sorte di precioso petre (etc.)

.1 Bologna, (publisher, ca. 1500)

Copy:

(12)f.; 4°; Roman. Of little value.

53 Op. 2: (editor) Collettanee Greche, Latine e volgari di diversi autori nella morte di Serafino Aquilano.

Commemorative volume of epigrams on Serafino AQUILANO (died Aug. 10, 1500), Italian poet. Contains also poem by Alessandro ACHILLINI (see No. 51)

.1 Bologna, Caligula Bazaliero, July 1504.

Copy:

106f.; 8°; dedicated to Elizabeth, Duchess of Urbino.

54 Op. 3: Il viridario.

Poem mentioning the names of Bolognese and other Italian authors. Nine sections.

.1 Bologna, Joh. Ant. Platonides de Benedictis, 1513.

Copy: Paris.

4° Not to be confused with other publications of similar title. The "Somnium viridarii" (Hanau, 1611) is incorrectly listed under his name.

55 Op. 4: (editor) ACHILLINI, A. Anatomicae annotationes.

.1 *Bologna, Hier. de. Benedictis, Sept. 24, 1520.

Copy: London; Paris; Hunterian; SGL.

For description of volume and further editions see No. 36.

56 Op. 5: Stanze.

.1 Venezia, Zoppino, 1520. 8°

Copy: Paris.

Published in Antonio TEOBALDO: Stanze amorose nove.

.2 Venezia, Zoppino, 1522. 8°

"Stanze in dialogo de effetti d'amore"; dialogue between Antiphilos and Phileros.

57 Op. 6: Il Fidele, lib. 5.

.1 Bologna, publisher, 1523.

Copy:

8° Extremely rare poem "in terza rima cantilene cento."

58 Op. 7: Annotazioni della lingua volgare.

Satire against the "lingua Toscana".

.1 Bologna, Vinc. Bonardo & Marcantonio, 1536.

Copy: Berlin.

52p. 8° Rarissimum.

ACHILLINUS.

See Achillini.

ACHMED ben Abdallah.

See Ahmad.

ACHMED ibn Mustafa ibn al-Attar.

See Ahmad.

ACIDALIUS, Christian, -1632.

Syn.: Havekenthal.

Prof. med. at Altorf; by his publication he belongs to the 17. century; mentioned here as editor of his brother's works (See Valentin ACIDALIUS).

ACIDALIUS, Valentin, 1567–1595.

Syn.: Acidalius. Valens; true name: Havekenthal.

B. Wittstock, a village 60 miles NW of Berlin, 1567 (not 1566); son of Heinrich A., a preacher; brother of Christian A., prof. med. at Altorf; became an orphan in early childhood; stud. med. against his inclination at Rostock, Greifswald (here Op. 1 publ. 1588) and Helmstadt; here, Op. 2 publ. 1589; went to Italy with Alexander von HAKEN, 1590; began his studies in Roman classics; in Padova, 1590; here Op. 3 publ. in the same year; stud. med. Bologna under Mercuriali (1530–1606), but never was graduated; return to Germany, 1593, together with his friend, Daniel RINDFLEISCH (=Bucetius, died 1631), who in the 17. century edited several anatomical works; in Breslau, 1593; Op. 4 and 5 publ. 1594; Op. 6 and 7 (the anonymous work) publ. 1595; suffered much persecution

owing to this anonymous offensive publication; became rector in Neisse, 1595, and died May 25 of the same year from "phrenesis" (encephalitis?), but not from suicide.

He was an esteemed humanist, and poet, who never wanted to be a physician; "medicum nec ago, nec agere unquam propositum fuit". Only his Op. 7 has any interest for medicine.

¶For biography see Leuschner. De V. Acidalii vita. Lpz. 1757.

59 Op. 1: Cunae natalitiae Jesu Christi redemptoris ac salvatoris nostri carmine elegiaco celebratae.

.1 Greifswald, Ferber, 1588.

Copy: Univ. Greifswald.

4f. Exceedingly rare.

60 Op. 2: Epigrammata ad Danielelem Rindfleisch Bucetium.

.1 Helmstadt, J. Lucius, 1589. 4°

Copy: London; Berlin; Rylands.

.2 Liegnitz, David Albert, 1603.

See Op. 8 (No. 66)

Further editions: a) Hanau, 1619, in DORNAVIUS, C. Amphitheatrum sapientiae Socraticae jocosariae

61 Op. 3: (editor) C. VELLEIUS PATERCULUS. Historiae Romanae.

.1 Padova, Meietus, 1590.

Copy: Paris; München.

Edited with his notes. 151p.; 8° Also called Velleianarum lectionum liber. ¶Further editions: a) Lyon, 1594; copy: London; Paris; b) Paris, 1608; contained in the ed. of TACITUS.

62 Op. 4: In Q. Curtium animadversiones.

.1 Frankfurt, J. Feyerabend, 1594.

Copy: Berlin; München; Paris.

134f.; 8° ¶Further eds: a) Frankfurt, 1597; b) Leiden, 1724; in the Snakenburg ed. of Q. Curtius Rufus.

63 Op. 5: Janus quadrifrons (poems)

.1 Wratislava, publisher, 1594.

Copy: Paris.

4° Title: "In Laurentii Scholzii ... hortum." ¶For further eds see Op. 8.

64 Op. 6: In Comoedias PLAUTI quae extant divinationes et interpretationes.

His chief work in 20 "books". It was not a good seller, and the publisher of the first edition was very much disappointed. As a compensation for his loss the anonymous manuscript (listed as Op. 7 here) was offered to him by the author.

.1 Frankfurt, (Henrik Osthausen) 1595.

Copy: Berlin.

.2 Frankfurt, S. Hempelius, 1607.

Copy: Paris; Berlin; München; London; Univ. Ill.

566p. 8° Seems to be the 6. vol. of the Lampas of Janus GRÜTER (1560–1627), publ. in 7 vol. Frankfurt, 1602–1623.

.3 Firenze, (publisher) 1737–1739.

Copy: Paris.

Issued in the 1. vol. of the Lampas of J. GRÜTER.

65 Op. 7: Disputatio perjuconda qua anonymus probare nititur mulieres homines non esse.

Attributed to V. ACIDALIUS. Published without the author's name. Probably written in Poland against the doctrines of the 16. century Scenians. The true authorship of the work could not be established, yet Acidalius was blamed for its publication. (See No. 64.) It became the source of a great many publications of the 17., 18., and 19. centuries; some of these are:

a) GEDIK, S. (1551–1624) Defensio sexus muliebris contra anonymi disputationem. 1595.

b) Mulier non homo! s. l. 1690; copy in London.

c) Mulier Homo! s. l. 1690; copy in London.

d) Ein Liebhaber der Bescheidenheit. Gründ- und probirliche Argument und Schluss-Articul, samt beygefüigten ausführlichen Beantwortung: Belangend die Frag, Ob die Weiber Menschen seyn, oder nicht? Frankf., 1721. 40p. 8°; copy in München; dialogue between Brother Endres, O. B., and Pater Eugenius, S. J. Further ed.: a) 1643 and 1722 in BASSI; b) 1660.

e) Apologie des schönen Geschlechts; oder, Beweis dass die Frauenzimmer Menschen sind. Transl. from Latin by D. Heindr. NUDOW. s. l., s. a. viii, 32p.; copy in München; reprinted in Köln, 189*.

f) BACKFISCH. Juste, pseud. Beweis, dass die Männer eigentlich keine Menschen sind! Motto: Und die Frauenzimmer sind doch Menschen. Berl., (1861) 16p. 8°; a parody.

.1 (Zerbst?, Heinrich Osthausen?) 1595.

Copy:

Exceedingly rare E. P. 11f.; 4° (Wittenberg ?)

.2 Leipzig (publisher) 1595. 4°

Copy: London.

Contains also the publication of Simon GEDIK (entered under this name in Brit. Mus.) 4°

.3 's-Gravenhage (= Leipzig) J. Burchorn, 1638.

Copy: London; Paris.

132p. 8°; called 2 ed. Also Gedik's work (and in all subseq. ed.)

.4 's-Gravenhage (= Leipzig), publisher, 1641. 12°

Copy: Paris; London.

.5 's-Gravenhage (= Leipzig) J. Burchorn, 1644.

Copy: Paris; London.

191p., 1f. (errata); 12°—34fr. (1919)

.6 Lione (Lyon?), publisher, 1649.

Copy:?

Italian transl.; 12° "Discorso piacevole che le donne non sieno della specie degl'uomini."

.7 Paris (Batavia) publisher, 1693.

Copy: London; Paris; N. Y. Pub.

192p. 12°; published at Leipzig?

.8 (Helmstadt?) publisher, 1695. 4°

Copy: London.

.9 Hoorn (publisher, 1730?)

Copy: London.

Dutch transl. containing also Gedik's work. In Brit. Mus. Cat. entered under "N. G., Heer en Mr." Title: "Zeer vermakelyk Tractaatje, waar in een ongenoomde Schryver bewyst dat de Vrouwen geen Menschen zyn ...".

.10 Amsterdam (Paris) publisher, 1744.

Copy: Paris; London.

French transl. by A. G. MEUSNIER de Querlon. 12° Title: "Problème sur les femmes".

.11 Kraków (= Paris) (publisher) 1766.

Copy: Paris; Boston Pub.

French transl. by Charles CLAPIES. "Paradoxe sur les femmes où l'on tâche de prouver qu'elles ne sont pas de l'espèce humaine."

.12 Paris (publisher) 1767.

French translation.

66 Op. 8: (Poemata)

Includes Epica, Rosae, Elegiae, Odae, Epigrammata.

.1 Liegnitz, David Albert, 1603.

Copy: London; Paris.

Ed. by Caspar CONRAD (= Cunradi; died 1633), a physician at Breslau in LERNUTIUS, J. Poemata (with others)

†Further editions: a) 1612 in Delitiae poetarum Germanorum; b) Hanau, 1619 in Casp. DORNAVIUS: Amphitheatrum sapientiae Socraticae iocoseriae.

67 Op. 9: Epistolarum centuria una.

Historical and critical letters.

.1 Hanau, C. Marnius & heirs of Joh. Aubrius, 1606.

Copy: Paris; London; Edinb. Univ.; Berlin; München; Wien; L. Congr.

Ed. by his brother, Christian. Contains also two more of V. A.'s works: a) Epistola apologetica ad Jac. Monavium; an apology for Op. 7; b) Oratio de vera carminis clegiaci natura et constitutione.—Rare work.

68 Op. 10: (His notes on Panegyrici veteres)

Contains notes on the so-called panegyricists such as PLINIUS SECUNDUS, CLAUDIUS MAMERTINUS, EUMENIUS NAZARIUS, PACATUS DREPANIUS, etc.

.1 Frankfurt, publisher?, 1607.

Copy: London; Paris.

Ed. by Janus GRÜTER in his Lampas. Frankf., 1603–34.

†Further ed.: a) Paris, 1643; copy: Paris; b) 1753; copy: London.

69 Op. 11: (commentaries) TACITUS. Opera.

.1 Hanau, Wechel, 1607.

Copy: Paris; Berlin; München; Univ. Chic.

Ed. by his brother, Christian; with notes of others also. 314p. †Further editions of the notes together with TACITUS: a) Paris, 1608; b) Amsterdam, 1635; c) 1672; d) 1673; e) 1685; f) Upsala, 1706; g) Utrecht, 1721.

70 Op. 12: (Commentaries to the works of DECIMUS MAGNUS AUSONIUS)

.1 Amsterdam, (publisher) 1671.

Copy: London.

Ed. by Jac. TOLL. 8°

71 Op. 13: (Commentaries to QUINTILI-ANUS: Dialogus de oratoribus)

.1 Utrecht, publisher, 1721.

In the TACITUS edition of the same year.

†Lost works: a) Notes to Symmachus; b) notes to Appuleius: "Appuleianae quaestiones."

ACIDALIUS, Vicentius.

See Acidalius, Valentin.

ACKER.

See Ager.

ACOROMBONUS.

See Accoramboni.

ACOSTA, Cristóvão, 1515(?)–(1580, or 1594?)

Syn.: Costa, Cristóbal de; Coste; Da Costa; De la Coste; La Costa; La Coste. Not to be confused with a Jesuit father of the same name, who in 1569 was in Malacca and wrote a letter to the Jesuit General (publ. in Lettère dell'India Orientale. Venez., 1580). Acosta's chief work is often found in catalogues under the name of his translators (LECLUSE or Clusius. COLIN), under GARCIA da ORTA, Orta. In the 3. ser. of the Index-Catalogue, one finds the works of GARCIA da ORTA under Da COSTA.

B. in Africa, probably 1515, either at Mozambique, city on the East coast and then metropolis of the Portuguese possessions, or at one of the seaport towns of Morocco, Ceuta or Tangier; his father was Portuguese; no data on his education (stud. at Coimbra Univ.?); at one time he became a slave ("fué esclavo á un bárbaro sangriento"); traveled much in Africa, and Asia (China, Persia, India); came to Goa, territory of Portuguese India, ca. 1568, and became a surgeon of the Portuguese viceroy; in Malabar, 1569; here, study and collection of Indian plants; returned to Spain, and became surgeon of the city of Burgos. ca. 1578; Op. 1 publ., 1578; after the death of his wife, he became either a monk or a hermit, and died after 1580, either at Burgos or at Compostella.

†For biography see OLMEDILLA y PUIG, J. Estudio histórico de la vida ... del sabio médico ... C. Acosta. 1899.

Portrait from Bürglen, C. F.: Abbildungen, Angsb., 1805.



72 Op. 1: Tratado de las drogas y medicinas de las Indias Orientales.

Syn.: Libro que trata de las drogas medicinales y de sus provechos.

Intended to be a verification of the statements of GARCIA da ORTA (see that, and his Coloquios dos simples e drogas e cousas medicinais da India); hence, he borrowed freely from this work. Description of 68 medicinal exotic plants in as many chapters, with an added treatise on the elephant and its qualities. Text begins and ends: "De la canela. Capitulo 1. Pues entre las Drogas medicinales ... Del opio. Capitulo LXVIII (etc.) por lo qual se vera quanta fuerza tiene el uso y costumbre." Followed by: "Tractato del elephante y de sus calidades. Puesto que este tractato del elephante tenia llegado

al libro ... por abreviar, y solo contrar lo mas verdadero, callo (etc.) Vale. Finis."

.1 *Búrgos, Martin de Victoria, 1578.

SGL: 56290

Copy: London; Edinb. Univ.; Paris; J. C. Brown; SGL; Berlin; Wien; Göttingen; Boston M. L.

Tp., (11)f. 448p., 38p., (1)f.; text 165mm; Roman; woodcut portr. of author; 45 woodcuts of plants, and 2 cuts of elephants, all full page, made after the author's frechand drawings; printed marginalia; historiated initials; tp. within architectural border.

Tp.: "Tractado/ Delas Drogas, y medicinas de las Indias/ Orientales, con sus Plantas debuxadas al/ biuo" etc.; tp.v: privilege of printing signed by Pedro Capata del Marmol, clerk of the Court; (1)f: "El rey ...", signed by Antonio de Erasso; (2)-(3r): preface of author to the senate of Búrgos; (3r)-(5r): preface of author to the reader; (6r)-(7r): preface of Juan COSTA to the reader; (7r): portrait of C. Acosta; (8r)-(9r): poems of Claudius LIBESSARDUS, Alonso González DE LA TORRE; (10)-(11r): Table of chapters; index of authors mentioned; p.1-p.416: text; p.417-p.448: Tractado de elephante; p.1-p.36: "Tabla universal" in 2 cols.; p.37-p.38: "Tabla de los arboles"; (1)f. colophon.

Originally sold for 192 maravedís; £21 (1929); £16 (1930); £4-5 (1931); £5-10 (1931); £7 (1932); £2-5 (1933); frequently seen on the book market; \$60 (1940)

SGL copy contains 18. ct. MS notes (mostly critical); bound in vellum (two fragments of 14. ct. MS used for backing).

.2 *Antwerpen, J. Moret in Plantin's house, 1582.

SGL: 312445

Copy: London; Paris; Berlin; München; Wien; J. C. Brown; SGL; Antwerpen Bibl. Plant.; Louvain Univ.; Sutor Libr.

Tp., (3)-88p.; text 140mm; Italics, but marginalia in Roman; tp. medallion emblem of printer; no illustrations.

Abridged, translated into Latin, annotated, and edited by Charles de Lécluse (=Clusius) (see that), who kept only that was original in Acosta's work, and did not consider the author's drawings worthy of printing. Title: "Christophori ... Aromatum & medicamentorum/ in Orientali India nascentium/ liber ..."; p.(3)-p.6: preface of the editor to Duke William; p.7-10: preface of the author; text begins on p.11: "De Aloe. Foliorum Aloës usus ... (last chapter: De sargaço) ... secumque detulit, ut peracta navigatione in contenti uteretur"; follows note of editor to this chapter. The editor's notes are printed after each chapter.

Quite common; £1-6 (1935); 50 Sw. fr. (1938) £2-2 (1939)

.3 *Venezia, Franc. Ziletti, 1585.

SGL: 163312

Copy: London; Paris; Wien; Berlin; München; Göttingen; Glasgow Hunterian; N. York Publ.; Boston M. L.; Weleh Libr.; SGL.

(24)f. (a¹-f⁴), 342p. (also sigs. A etc.); text 190 mm; Roman; ornamental initials; 45 cuts of plants, 2 cuts of elephants; marginalia; print. dev. on tp.

Italian translation of the unabridged Spanish original by an anonymous, with all the original illustrations (different blocks); a₁ titlepage: "Trattato di Christoforo Acosta Africano medico & chirurgo della historia, natura, et virtù delle droghe medicinali." a_{1v} blank; a₂-a_{4v}: the printer's preface to Melchior GUILLANDINI, a traveler, dated Jan. 1, 1585; Guilandini is considered to be the translator; b₁-b₂: author's preface to the senate of Búrgos; b_{2v}-e₄: index; e_{4v} blank; f₁-f_{2v}: author's preface to the reader; f₃-f_{3v}: printer's words to the reader; f₄ blank; p.1-p.342: text in 68 chapters, followed by treatise on the elephant.

SGL copy: previous owners: Gio. Batta. Beloredi, fscis collector di Pavia; Zacharia Caimo; Dr. Joseph Peregi, phys. Colleg. Mantuae (1621); Dr. Aloysius Franciscus Castellanus.

Not very frequent; yet, of low price: 16fr. (1919)

.4 *Antwerpen, J. Moret in Plantin's house, 1593.

SGL: See GARCIA da ORTA

Copy: Paris; J. C. Brown; Boston M. L.; SGL; München.

The Latin abridgment of Lécluse; the same as No. 72.2; issued in the 4. Latin ed. of GARCIA da ORTA (see that)

.5 *Lyon, Jean Billehotte, 1602.

SGL: 131558

Copy: Paris; J. C. Brown; SGL.

French translation from the Latin translations of L'Ecluse; transl. by Antoine COLIN, apothecary at Lyon; containing works of GARCIA da ORTA, Cr. ACOSTA, and Nic. MONARDES; commonly catalogued under GARCIA da ORTA; published with the general title: "Histoire des drogues, espi-eries (etc.)".

SGL copy contains only the 3. (Acosta) and 4. (Monardes) part of this edition; p.(344)-p.720; (15)f.; text 145mm; Roman; marginalia in Italics; 38 illustrations to Acosta's text; p.(344) titlepage for part 3: "Traicté de/ Christophle/ de la Coste/ ... Des drogues & medicaments qui naissent/ aux Indes (etc.)"; p.345-6: the translator's preface to the reader; p.347-52: the author's preface to the reader; p.353-501: text,

in unnumbered chapters; 502-720: part 4: Monardes; (15) leaves for tables to all 4 parts under sigs. Zz4-Bbb2, of which index to Acosta is on Aaa₄-Aaa_{6v}.

.6 *Antwerpen, Raphelengii from Plantin's house, 1605.

SGL: 175849

Copy: Paris; London; SGL.

Latin abridgment of L'Ecluse, called 3. rev. & enl. ed.; issued on p.253-294, as Liber 9. of Lécluse Exoticorum libri decem. Roman; text 285mm; marginalia and notes of translator at end of chapters in Italics; 6 illustrations.

p.253 titlepage: "Caroli Clusii Atrebatis exoticorum liber nonus sive Aromatum ... (etc.)"; p.254: preface of translator to William, dated Wien, Jan. 1, 1582; p.255-6: preface of Acosta to the reader; p.257-94: text in 60 chapters (1. De aloe, 60. De sargaço)

.7 *Lyon, Jean Billehotte, 1619.

SGL: 2 copies; 89605; 301391

Copy: Paris; London; J. C. Brown; Edinb. Univ.; SGL.

French of COLIN after the Latin abridgment of Lécluse; enlarged ed. of No. 72.5 (see above); contains also notes of COLIN; the 4 parts are separately paged in this edition, with individual titlepages and signatures (A, AA, AAA, AAAA), introduced by (8) p.l. (sig. *); text 145mm; Roman; but marginalia in Italics; pt 1 and 2 (called 1. and 2. book) 369p., and (7)f. with sigs Aaz-Aaa, containing GARCIA da ORTA's work; pt 2, called 3. book, 176p., and (4)f. with sigs MM₁-MM₄, containing ACOSTA's work; part 3, called 4. book, 102p., and (5)f. with sigs GGG-GGG₄, containing Prospero ALPINO's work; pt 4, 262p., and (5)f. with sigs RRRR₁-RRRR₄, containing Nic. MONARDES' work. 55 illustrations to ACOSTA.

*1: titlepage to volume: "Histoire des drogues espieries, et de certains medicaments simples, qui naissent és (l) Indes & en l'Amérique. Ceste matiere comprise en six livres ... (etc.)"; *1, blank; *2: translator's dedication to André and Richard DuLAURENS; *3: translator to reader; *4-*7: Latin and French poems to COLIN by Hier. LANERIUS, phys. at Lyon, Jean TARDIN, phys., Claude COLIN, Cosme COLIN, surgeon at Lyon, etc.; *7-*8: approbation dated Paris, Febr. 9, 1600; privilege dated Oct. 31, 1618, etc.; *8, blank.

ACOSTA's work is the second part (sigs. AA-MM), and is called the 3. book; p.(1) titlepage: "Traicté de Christophle de la Coste ..." (etc.); p.(2) blank; p.3: translator to the reader; translator mentions the 4. ed. of the Latin abridgment of Lécluse (see under GARCIA da ORTA); p.1-8: preface of Acosta to the reader; p.9-176: text in 59 chapters (1. De l'Aloe, 59. Sargaço (l); MM₁-MM₄; index; MM₅ and MM₆ blank. The average size of illustrations is 120mm x 70mm.—£8-8 (1923).

.8 *Antwerpen, Chr. Plantin, 1632.

SGL

Copy: SGL.

Latin abridgment of LECLUSE. 88p.; 155mm; colored illustrations; vignette on tp.—Very rare edition.

Editions nonexistent: a) English transl., Lond., 1604; confused with the English transl. of José ACOSTA (see that); b) 1617 in the Little Voyages of the BRY collection.

72a Op. 2: Tratado del elephante y de sus cualidades.

Text begins and ends: "Puesto que este tractado del elephante tenia ... por abreviar, y solo contrar lo mas verdadero, callo (etc.) Vale."

.1 *Búrgos, Martin de Victoria, 1578.

See in his Op. 1 (No. 72.1-7)

73 Op. 3: Tratado en loor de las mugeres, y de la castidad, (etc.)

.1 Venezia, Giac. Cornetti, 1592.

Copy: London; Paris; Wien; Bonn; Göttingen; L. Congr.

(8)f. 133f. (15)f. for errata; 4^o; tp. within ornamental border composed of allegoric figures, a Dominican(?) monk standing on three skulls, nude Eros hanging with head downwards and holding a broken arrow, etc., signed FRANCO. Rare work. \$6 (1922); £25 (1929); \$125 (1933).

Dubious or nonexistent: a) Valladolid, 1585; nobody saw a copy; b) 1602.

74 Op. 4: Tratado en contra y pro de la vida solitaria.

.1 Venezia, Giac. Cornetti, 1592.

Copy: Paris.

230f.; 4^o; contains also Op. 5 and Op. 6.—Rare work.

75 Op. 5: Tratado de la religión y religioso.

For edition see No. 74.1.

76 Op. 6: Tratado contra los hombres que mal viven.

For edition see No. 74.1.

Lost works: 1) Diálogos theriacales; 2) Carta de la India, 1564; ref. Picatoste No. 8; 3) Discurso del viaje de las Indias

Orientales y de lo que se navega por aquellas partes; ref. Pica-toste No. 7.

ACOSTA, José de, S. J., 1539-1600.

Syn.: Coste; Da Costa; De la Coste; La Coste. Do not confuse with previous author.

B. Medina del Campo, residence of Spanish kings in León, ca. 1539; had a brother called Cristóbal (see reference to him under Cristóvão ACOSTA, synonyms); both became Jesuits; entered the order, 1553 or 1554; ordained presumably after 1564; became teacher of theology at Ocaña, 30 miles East of Toledo; sent to Perú, 1571; Jesuit provincial of Perú, 1571-1586; here, he wrote catechisms in Spanish, which were translated into Indian languages, arranged an ecclesiastical council at Lima (1583), translated Xenophon, and wrote his Op. 6 and Op. 7 based upon his personal experiences; returned to Spain, 1586; became visitor of his order in Aragón and Andalucía, 1587; Op. 6 publ. 1588; Op. 7 publ. 1589; translated his Op. 7 into Spanish and wrote 5 more books to make up his Op. 8, 1589; Op. 8 publ. 1590; meanwhile, he was superior at Valladolid, and rector of a college at Salamanca; in Italy, 1590-1594; became friend of Antonio Cardinal CARAFFA (1538-1591), Librarian of the Pope; Op. 9 and Op. 10 publ. 1590; Op. 11 and Op. 12 publ. 1591; in the same year his Op. 8 was republished in Spanish and translated into German; delegate to the 5. General Council of the Jesuits in Rome, 1592; returned to Spain, and became preacher at Salamanca, 1595; his sermons (Op. 13 and Op. 14) publ. 1596 and 1597; died at Salamanca, Febr. 15, 1600 (other version: Febr. 11, or 1599).

¶ For biography see RODRIGUEZ CARRACIDO, J. El P. José de Acosta. 1899.

Check list of works

Catecismo para instrucción de los Indios. See Op. 1.
Catecismo breve y catecismo mayor. See Op. 1.
Concilium Limense. Op. 11.
Conciones de adventu. Op. 14.
Conciones in quadragesimam. Op. 13.
Confesionario para los curas de Indios. Op. 2.
De Christo revelato. Op. 9.
De natura novi orbis libri duo. Op. 7.
De procuranda Indorum salute. See Op. 6.
De promulgando evangelio apud barbaros libri 6. Op. 6.
De temporibus novissimis. Op. 10.
De vera Scripturas interpretandi ratione. Op. 15.
Doctrina Christiana y catecismo para instrucción de los Indios. Op. 1.
Epistola ... ad ... Ferdinandum a Vega. Op. 16.
Exortación para ayudar á bien morir. Op. 3.
Exposición de la doctrina Christiana por sermones. Op. 5.
Historia natural y moral de las Indias. Op. 8.
Instrucción contra sus ritos (de los Indios) Op. 4.
Sumario del Concilio provincial. Op. 12.
Tercero catecismo. Op. 5.

Only Op. 7 and 8 are of medical interest.

77 Op. 1: Doctrina christiana y catecismo para instrucción de los Indios (etc.)

Written originally in Spanish; then, translated into Quechuan and Aymaran languages. Officially edited by the Jesuit provincial.

.1 Lima (=Los Reyes), A. Ricardo, 1583.
Copy:

32p.; 4°; the first book printed in Perú.

.2 Sevilla, (publisher) 1583.
Copy:

49f.; 8°; "Catecismo en la lengua española y aymara".

.3 Lima, A. Ricardo de Turin, 1585.
Copy:

84p.; 4°; "Doctrina christiana, catecismo breve y catecismo mayor".

.4 Sevilla, publisher, 1604.
Copy:

Second ed. of the Quechuan and Spanish portion.

.5 Roma, (publisher) 1604.
Copy:

Second ed. of the Aymaran and Spanish portion; by Torres Bollo, S. J.

78 Op. 2: Confesionario para los curas de Indios (etc.)

.1 Lima, Antonio Ricardo, 1585.
Copy:

5 p. 1.; 27f.; 4°; in Spanish, Quechuan, and Aymaran; contains also Op. 3 and Op. 4.

.2 Sevilla, Clemente Hidalgo, 1603.
Copy:

24f., 16f., 26f.; 4°; in three languages.

79 Op. 3: Exortación para ayudar á bien morir.

For editions see Op. 2 (No. 78.1)

80 Op. 4: Instrucción contra sus ritos.

For editions see Op. 2 (No. 78.1)

81 Op. 5: Tercero catecismo; exposición de la doctrina christiana por sermones.

Forty sermons written in Spanish and translated into Quechuan and Aymaran.

.1 Lima, Antonio Ricardo, 1585.

Copy:

(8)f., 215f.; 4°; in three languages.

.2 Lima, (publisher) 1773.

Copy:

12f., 515p. (correct?)

.3 Paris, Bouret, 1866.

Copy:

xv, 409p.; in Quechuan and Spanish.

82 Op. 6: De promulgando evangelio apud barbaros; sive, De procuranda Indorum salute, libri sex.

.1 Salamanca, Guill. Foquel, 1588.

Copy: London; Hunterian; Paris; J. C. Brown.

Forms the second part (p.111-640) of Op. 7 (No. 83.1), and the colophon of that volume with the date 1588 belongs to this work. Most of the further editions were issued with Op. 7

.2 Salamanca, (publisher) 1595.

Copy: not found.

Together with Op. 7. See No. 83.2.

.3 *Köln, Bireckmann for A. Mylius, 1596. SGL.

Copy: London; Paris; Berlin; München; Wien; J. C. Brown; Sütro Libr.; SGL.

Latin text; issued together with Op. 7. See No. 83.3.

.4 Lyon, Laurent. Anisson, 1670.

Copy: London; Paris; Berlin; München; Wien; J. C. Brown; Sütro Libr.

(12)f., 501p. (14)f.; volume 167mm; called "6. ed."; seems to be the first separate printing without Op. 7.

.5 Manila, Coll. Seti Thomae, 1858.

Copy:

Ed. by Julian VELINCHON. Title: "De procuranda ... (etc.)" £0-10-6 (1922). Nonexistent edition: a) Salamanca, 1589.

83 Op. 7: De natura novi orbis libri duo.

Written in Perú, between 1572 and 1585; closely related to Op. 8 in which Op. 7 forms the 1. and 2. book. The editions of these two works should not be confused.

.1 Salamanca, Guill. Foquel, 1589.

Copy: London; Paris; Hunterian; J. C. Brown.

Volume of two parts; pt 1, (10)f. 110p., is this work with the date 1589; pt 2, from p.11 to p.640, is Op. 6, with the date 1588 in the colophon. Woodcut on tp.—Not very rare; 100 pesetas (1918); £15-15 (1926); £3 (1923); £1-2 (1935); £4-5 (1935).

.2 Köln, Johan Christoffel, 1591.

Copy: J. C. Brown.

German translation; (2)f., 51p. (40)f; with 20 maps. "Geographische und/ historische Beschreibung der uber/auss grosser Landschaft America" (etc.) See also No. 83.5.

.3 Salamanca, (publisher) 1595. 8°

Copy: ?

Contains Op. 7 and Op. 6.

.4 *Köln, Bireckmann for A. Mylius, 1596. SGL.

Copy: Berlin; Breslau; München; Wien; London; Paris; J. C. Brown; Sütro Libr.; SGL.

(8)f., 581p.; 8°; volume 153mm; contains Op. 7 and Op. 6. "Josephi/ A Costa/ Societatis/ Jesu/ de natura novi orbis/ libri 2/ / et etc.; Jesuit emblem on tp.—£5-5 (1923); 48 RM (1938).

.5 Köln, Johan Christoffel, 1598.

Copy: J. C. Brown.

(2)f., 51p. (40)f. with 20 maps. Second ed. of German translation. Title same as of No. 83.2.

.6 Köln, Johan Christoffel, 1600.

Copy: München; Wien; J. C. Brown.

(2)f., 51p.; volume 282mm; 3. ed. of the German translation; title: "New Welt, das ist: Volkommen Beschreibung von Natur, Art und gelegenheit der Newer Welt, die man sonst America oder West-Indien nennet ..." (etc.). Do not confuse with Op. 8.

¶ Grosse refers to a 1599 Köln edition of the New Welt by the same publisher.

84 Op. 8: Historia natural y moral de las Indias.

Consists of 7 books of which the first two are the Spanish translation of Op. 7 (see No. 83); book 1. and 2. written in Perú,

the rest of the work written in Spain. For the relationship of Acosta's work with those of the Dominican DURAN (died 1588) see the article of E. BEAUVOIS in *Revue des questions historiques*, 1885, 38: 109-65. Contents: 1. book in 25 chapters: the sky and the stars; the Poles; knowledge of the ancient World of the New World; the land of Ophir; prophecies; the aborigines of the New World; Atlantis; origin of the Indians.—2. book in 16 chapters: the Tropics; meteorology and biology.—3. book in 27 chapters: natural history; the weather; the Ocean and its straits; Florida; rivers and land; Perú, New Spain, and land still unknown; volcanoes; earthquakes.—4. book in 42 chapters: minerals, metals, gold and silver; the mountains of Potosi; mines; metallurgy; use of metals; precious stones; pearl; plants (Chapt. 16-33); cacao (chapt. 22); animals (chapt. 34-etc.).—5. book in 31 chapters: Indian ethnology, religion, superstitions, temples in Mexico.—6. book in 28 chapters: Mexican chronology; China; writing in China and Mexico; the Incas.—7. book in 28 chapters: history of Mexico.

.1 Sevilla, Juan de León, 1590.

Copy: London; Paris; Berlin; München; Wien; J. C. Brown; Cath. Univ. America.

(1)f., p.3-p.535, (18)f.; vol. 199mm; Jesuit emblem on tp. "Historia/ natural/ y/ moral delas/ Indias/." (etc.) Rare; 120 pesetas (1916); £3-10 (1926); £6-5 (1930); £5-10 (1933); \$90 (1935).

†SGL has an extract of this edition: "Efecto extraño que haze en ciertas tierras de Indias el aire o viento que corre"; Typewritten.

Copies supposedly burnt by the Spanish Government (s. Regnault)

.2 Girona, A. Garrich, 1591.

Copy: Paris.

8^s; extremely rare; no other copy known; probably identical with the so-called Sevilla edition quoted by Brunet.

.3 Barcelona, Jaime Cendrat, 1591.

Copy: London; Wien; J. C. Brown.

(8)f., f.9-f.345, (28)f.; vol. 156mm; Jesuit emblem on tp. "Historia/ natural y / moral de las / Indias." (etc.) Rare; 600fr. (1925).

.4 Venezia, Bernardo Basa, 1596.

Copy: London; Berlin; München; Wien; Göttingen; J. C. Carter; N. York Pub.

(23)f., 173f., 1f. blank; vol. 219mm; Italy; print. dev. on tp.; Italian translation by Giampaolo GALUCCI, astronomer, of Salò. "Historia/ naturale e morale/ delie Indie" (etc.). Rare; 30fr. (1907); £10-10 (1926).

.5 Paris, Marc Orry, 1598.

Copy: London; Paris; J. C. Brown; Berlin.

(8)f., 375f. (16)f.; vol. 166mm; French from Spanish by Robert REGNAULT, a Minorite. "Histoire/ naturelle / et morale / des Indes" (etc.).—\$9.50 (1922); £15-15 (1926); £15-15 (1929)

.6 *Enkhuizen, print. at Haarlem by Gillis Rooman for Jacob Lenaerts, 1598.

SGL: 58492

Copy: London; Amsterdam Univ.; J. C. Brown; SGL.

(7)f. incl. tp (sigs: a⁴A¹-A³), f.1 (A¹)-f.389 (CCC's). (8)f. (sigs: Ddd¹-Ddd³); 135mm text; black letter; chapter heads and names in text Roman; few marginalia in Italics. Dutch translation from Spanish by Jan Huygen van LINSCHOTEN (1563-1611), famous seafarer.

a₁ titlepage: "Historie Naturael / ende Morael van de Westersche Indien;" (etc.); on tp. imprint: Enchuysen, Jacob Lenaerts; Lenaerts was a bookseller ("Meyn Boekvercooper"); a_{1v} privilege dated Oct. 8, 1594; a₂-a_{4r}: translator's preface to the senate of Enkhuizen, dated May 1, 1598; a_{4v}-A_{1v}: epigrams to translator; A₂-A₃: preface of Acosta to the reader; A_{3v} two poems; f.1_v-f.213_r: text of Book 1., 2., 3., 4.; f.213_r-f.214_r: preface to following books; f.214_v-f.389_r: text of Book 5., 6., 7.; f.389_r-Ddd₇: index; colophon (here: Haerlem, Gillis Rooman, 1598); Ddd₈ errata; Ddd_{8v} blank.—\$37.50 (1933); £10-10 (1929)

†Grosse mentions a 1598 German edition "Historia naturalis et moralis Indien: das ist eine historische Erzählung (etc.)"

.7 Paris, Marc Orry, 1600.

Copy: London; Edinburgh Univ.; Paris; J. C. Brown.

(7)f., 375f. (17)f.; vol. 165mm; the 2. French edition (see No. 84.5) by the same translator.—\$6 (1921); £8-8 (1926); £8-8 (1929)

.8 Frankfurt a. M., for Bry print. by Wolfgang Richter, (1601)

Copy: London; J. C. Brown.

German transl. by Johann HUMBERGER (Wetteravius) from the Dutch transl. of Linschoten; publ. in the BRY collection of great voyages called America, in Teil 9 of the German edition; here, Acosta's work appears under the title: "... von gelegenheit der Elementen, Natur, Art und Eigenschaft der Neuen Welt" (etc.)

.9 Frankfurt a. M., Matthias Becker for Bry, 1602.

Copy: London; J. C. Brown.

Transl. from the German into Latin by Gothard ARTUS, publ. in the BRY collection, in Pars 9 of the Latin edition with the title: "... de ratione elementorum, de Novi Orbis natura, de huius incolarum superstitionis cultibus" (etc.)

.10 London, Val. Sims for E. Blount & William Aspley, 1604.

Copy: London; Hunterian; N. York Pub.; J. C. Brown; Newberry.

(3)f. 590p. (7)f.; vol. 188mm; English transl. by E. G. (Edward GRIMSTON).—£22-10 (1923); £28-10 (1926); \$260 (1929); £34 (1930); \$65 (1939) £6.6 (1938). Title: "The / naturall / and morall historie of the / East and West / Indies."

.11 Ursel, Cornelius Sutorius, 1605.

Copy: Berlin; München; J. C. Brown.

(4)f. 266p.; vol. 270mm; German translation with the title: "America/ oder wie mans zu Teutsch nennet die Neue Welt" (etc.); very long title; print. dev. on tp.—Very rare.

.12 Paris, Marc Orry, 1606.

Copy: London; Paris; München; Wien; J. C. Brown.

(8)f., 352p. (18)f.; vol. 153mm; the third ed. of Regnault's French translation.—£8-8 (1926)

.13 Madrid, Alonso Martín for Juan Berillo, 1608.

Copy: London; München; Wien; J. C. Brown; Rylands.

(2)f., p.5-535 (20)f. 1f. blank; vol. 197mm; the fourth Spanish ed.; woodcut on tp.; "Historia/ natural / y / moral de las / Indias" (etc.).—£10-10 (1927). See also No. 84. ed. 1880.

.14 Madrid, (publisher) 1610. 4^o

Ref.: Antonio.

Copy: ?

.15 Paris, Adrian Tiffaine, 1616.

Copy: London; Edinb. Univ.; Paris; Berlin; München; J. C. Brown.

(8)f. 375p. (16)f.; vol. 173mm.; the fourth, rev. & corr. edition of Regnault's French translation; woodcut on tp.—\$9 (1922); £8-8 (1926); 125fr.; 20RM (1931); \$42 (1933)

.16 Paris, Adr. Tiffaine, 1617.

Copy: J. C. Brown.

The same as 1616 ed., but without woodcut; vol. 151mm; the 5th ed. of Regnault's French translation; frontisp.; rare; £8-8 (1930) Also Par., A. Tiffaine, 1621. Copy: N. Y. Pub.

.17 Frankfurt, heirs of de Bry, 1624.

Copy: J. C. Brown.

Only an extract published in Pars 12 of the BRY collection of voyages.

.18 Amsterdam, Broer Jansz (for Hendrik Laurensz), 1624.

Copy: London; Göttingen; J. C. Brown.

(4)f., 177f. (3)f.; vol. 192mm; the second edition of the Dutch translation of Linschoten (see No. 84.6); title within border: "Historie Naturael en Morael / van de Westersche Indien" (etc.)

.19 London, (publisher) 1684.

Copy: ?

Translation into English by Grimston; the 2. ed. (see No. 84.10)

.20 Leiden, Pieter van der Aa, 1706-1707.

Copy: München; Berlin; L. Congr.

Forms vol. 72 of the collection Naaukerige Versameling (etc.) with vignette on tp., folding map of America, and 16 fold. engraved plates (Indians).—£1-5 (1923)

.21 Amsterdam & Leiden, P. van der Aa, 1722.

Copy: London.

In the same collection.

.22 Madrid, Pantaleón Aznar, 1792.

Copy: London; Paris; Berlin; L. Congr.; Suro Libr.

(9)f., p.1-306; (4)f., p. 1-252; 2 vols.; 4^o; portr.; called the 6. Spanish edition.

.23 London, Hakluyt Soc., 1880.

Copy: Paris; Rylands; Edinb. Univ.; Berlin; London; München; Wien; etc.; L. Congr.

Forms v.60 and 61 of the publications of the Hakluyt Society; ed. with notes by C. R. MARKHAM; reprint of the 1604 English edition; with a map of Perú.

.24 Madrid, Anglés, 1894.

Copy: Berlin; L. Congr.

In 2 vols; reprint of the E. P.

.25 México, FONDE de Cultura Económica, 1940.

Spanish edition by Edmundo O'GORMAN; lxxxvi, 639p. 42cm.

†Nonexistent editions: a) 1594; b) Paris, 1597; transl. by Regnault; c) 1598, London; d) 1752, Madrid,

85 Op. 9: De Christo revelato libri 9.

Dedicated to Antonio Cardinal CARAFFA (1538–1591), Librarian of the Pope. Op. 10 is the continuation of this work.

- .1 Roma, Jac. Tornerio, 1590.

Copy: Paris; München; Wien; Breslau.

(4)f., 290p. (10)f.; 4°

- .2 Lyon, Joh. Bapt. Buysson, 1592.

Copy: London; Paris; München; Breslau; Bonn; etc.

(4)f., 654p. (645?) (53)f.; 8°; contains also Op. 10.

- .3 Paris, (publisher) 1719.

Copy: London; Paris, etc.

Publ. in MENOCCHIO, G. S. *Commentarii totius S. Script.*, vol. 2; and often.

- .4 Paris, (publisher) 1840.

Copy: London; Paris; etc.

In MIGNE, *Cursus Script. Sacrae*, vol. 2, col. 699–732.

¶Dubious edition: a) year?, Salamanca; mentioned by Beristain da Souza.

86 Op. 10: De temporibus novissimis libri 4.

Continuation of Op. 9.

- .1 Roma, J. Tornerio, 1590.

Copy: Paris; München; Wien; Göttingen; etc.

(6)f., 164p. (18)f.; 4°

- .2 Lyon, J. B. Buysson, 1592.

See in Op. 9 (No. 85.2)

87 Op. 11: Concilium Limense celebratum anno 1583.

- .1 Madrid, Pedro Madrigal, 1591.

Copy: Ref.: Palau.

(3)f., 88f. (10)f.; 4°; extremely rare.

- .2 Lima, (publisher) 1612.

Copy:

In AGUIRRE's *Collección de los concilios de España*; Spanish transl.

- .3 Madrid, Juan Sánchez, 1614.

Copy: Ref.: Palau.

92f.; 4°

- .4 Roma, (publisher) 1678.

Copy:

Publ. in Franc. HAROLD: *Lima limita*.

- .5 Roma, (publisher) 1698.

Copy:

Publ. in Ant. MONTALVO: *Concellia Limana*; fol.

88 Op. 12: Sumario del Concilio provincial que se celebró en la ciudad de los Reyes el año 1567.

- .1 Madrid, publisher?, 1591. 4°

Copy:

89 Op. 13: Conciones in quadragesimam.

Sermons of Acosta were divided into three parts. Op. 13 is the first part; Op. 14 is the second part; the third is listed under Op. 14 (see No. 90.2).

- .1 Salamanca, Joh. & Andr. Renaut, 1596.

Copy:

(6)f., 688p. (27)f.; 4°

- .2 Venezia, J. Bapt. Ciotti, 1599.

Copy: Breslau; München; Wien.

702p.; 8°

- .3 Köln, Ant. Hierat, 1601.

Copy: Paris; Breslau.

823p.; 8°

- .4 Köln, (publisher) 1609.

Copy: Breslau.

737p.; 8°

90 Op. 14: Conciones de adventu.

The second part of his sermons; here, also the third part is listed.

- .1 Salamanca, J. & Andr. Renaut, 1597.

Copy: Suro Libr.

(8)f., 585p. (23)f.; 4°—35 pesetas (1922).

- .2 Salamanca, J. & Andr. Renaut, 1599.

Copy:

(8)f., 669p.; 4°; this is the third (different) part of Acosta's sermons.

- .3 Köln, Ant. Hierat, 1601.

Copy: Paris; Berlin; München; Wien; etc.

705p.; 8°

- .4 Köln, (publisher) 1609.

Copy: Berlin; Breslau.

629p.; 8°

91 Op. 15: De vera Scripturas interpretandi ratione.

- .1 Paris, (publisher) 1719.

Copy: London; Paris.

Publ. in MENOCCHIO, G. S. *Commentarii totius S. Script.*, vol. 2; and often.

92 Op. 16: Epistola ... ad ... Ferdinandum a Vega (etc.)

Dated Madrid, IX. Kal. Maias, 1589.

- .1 Lima, (publisher) 1612.

Copy: Suro Libr.

In SAENZ de AGUIRRE, J.: *Collección de los concilios de España*.

- .2 Salamanca, L. Pérez, 1686.

Copy: BM; Paris Nat.

In SAENZ de AGUIRRE, J.: *Notitia conciliorum Hispaniae atque Novi Orbis*.

- .3 Roma, J. J. Komarell, 1694.

Copy: Paris.

In the Latin translation of the same collection. Also published: a) Roma, 1753–55; copy: Suro Libr.; b) Madrid, 1784.

¶Works in manuscript: a) translation of XENOPHON: *Ciropedia*; MS. in Lima.

ACOSTA, Nonius.

See Acosta. Nufiez.

ACOSTA, Nuñez, fl. 1594.

Syn.: Costa; Da Costa; Nonius, Nonnius, Nnnes. Not to be confused with a jurist of the 17th century (see Gesamtkat. Preuss. Bibl., where the works of these two men are listed under one name).

A physician born in Portugal; lived at Padova ca. 1594.

93 Op. 1: De quadruplici hominis ortu libri 4.

Written as a thesis for public discussion to be held at the Chiesa di San Francisco, Padova, under the supervision of Georgius PIPANUS, rector at Kraków, on two days of March, 1594. Book 1 in 5 chapters: the first generation of man by God; "Deus est parens omnium"; book 2 in 6 chapters: the second generation of man by man; mode of generation; origin of monsters; role of male and female in generation; book 3 in 5 chapters: the third generation of man; growth and aging; aims of medicine; medicine among the sciences; book 4 in 6 chapters: the fourth generation by attaining perfection and happiness. Statements for discussion at end of each chapter. Text begins and ends (see below)

- .1 *Padova, Lorenzo Pasquato, 1594.

SGL: 161585

Copy: München; Wien; Univ. Königsberg; SGL.

Consists of 2 parts; pt 1 (sig. A), ****, f.1–57 (pp), 1f. blank, contains Op. 1; pt 2 (sig. a), f.1–52, contains Op. 2; text 160 mm; historiated initials.

(*) titlepage: "Nonii / A Costa / Lusitani / De Quadruplici Hominis Ortu, / Libri Quatvor, / Illustissimo / Nicolao Sagredo / Patricio Veneto dicati / (engr. emblem 85mm x 100mm) / Patavii, Apud Laurentium Pasquatium, 1594. / Superiorum permissu." (*1v) blank; (*2r–*4r) dedication to Sagredo: "Vetustissimum ... prodesse valeas. Patavii Idibus Februarii"; (*4v) errata; (**1r–**2v) index of chapters; Op. 1 begins with Prooemium, f.1–f.3; "Quaecunque sua natura, ordine ... genitore in eundem nos deducentes."; f.3–f.57, text of Op. 1: "Liber I. Chapt. 1. De absolute universo & mundo originali. Vetustiorum philosophorum plurimi ... a Theologis conceditur et commendatur"; Op. 2 begins in pt 2, f.1–51v; f.52, announcement of disputation with space left for later insertion of date; f.52, blank.

¶SGL copy bound in vellum; very rare work.

94 Op. 2: Pro geniti hominis cura.

For history of work see No. 93. Text begins and ends: "Pro geniti hominis cura. De arte medendi liber unus. De naturali constitutione, eius causis & differentiis. Cap. 1. Praeclare quidem Peripatetici enunciarunt ... (De venenis & modo quo ab eis humana corpora praeservantur. Cap. XV ...) non raro homines ab imminente morte, Deo auxilio, liberamus." In 15 chapters. Medical philosophy on constitution of body, health and disease, symptomatology, health conservation, therapeutic methods and indications, medicaments, primitive pharmacodynamics, humoral pathology, dispensing, etc.

- .1 *Padova, Lorenzo Pasquato, 1594.

SGL: 161585

Copy: München; Wien; Univ. Königsberg; SGL.

Issued with Op. 1; for description of volume see No. 93.1. "De arte medendi" is mentioned by Linden as a separate work.

ACQUAPENDENTE, Girolamo Fabrizio d'.

See Fabrizio D'Acquapendente, G.

ACRONIUS, Johannes, 1520(?)–1564.

Syn.: Acron; Atrocianus (Frisius) Not to be confused with a prof. of theology of the same name (1565–1627), or with the next author.

B. Akkrum, a small village of the Netherlands, in Friesland, 7 miles East of Sneek, ca. 1520; hence, Acronius and Frisius; studied at Basel, 1542; prof. mathematics (1547) and logics (1549) at Univ. Basel; was friend of Suffridus PETRI (1527-1597), historian of Friesland, ca. 1557-62; grad. M. D., May 2, 1564; died from plague, Oct. 18, 1564, at Basel (other versions: May 2; Oct. 28; 1563, which is incorrect). (See also the next ACRONIUS) He was a practitioner at Basel, and a student of astronomy.

95 Op. 1: Epistola ad N. N. (i. e. David JORISZ) Letter to his friend, the heretic David JORISZ (1501-1556?) dated July 28, 1559 (after death of Jorisz!)

.1 Harlingen, publisher, 1663.

Copy: London.

Publ. in S. A. GABBEMA: *Epistolarum ... centuriae tres* p.140-167.

.2 Harlingen, publisher, 1669.

Copy: London.

Publ. in the 2. ed. of the same collection.

96 Op. 2: Miraculorum quorundam et eorumdem effectuum descriptio.

.1 (Basel, publisher, 1561)

Copy: Berlin; München.

8f.; any connection with Jorisz' work on the miracles?

†Unpublished works: 1) *De motu terrae*; 2) *De sphaera*; 3) *Prognostica astronomica*; ref. Houzeau, vol. 1, pt 1, p. 782; 4) *Tractatus de compositione astrolabii cum eius practica*; MS in Wien (dated 1565), Dublin Trinity Coll.; Univ. Oxford; 5) *Chronicon*; separate work?

ACRONIUS, Johannes, fl. ca 1520-1530.

See *Atrocianus*. Johannes.

A Cruce.

See *Della Croce*.

96a ACTIO medica adversus Philippum Fanchelium Belgam. Amberg, Michael Forster, 1596. 8°

Ref.: Grosse.

No copy known; extremely rare.

ACTIUS.

See *Azzio*.

ACUTO.

See *Affinati d'Acuto*.

ADAMI, Daniel, fl. end of 16. ct.

Syn.: Adam.

Probably a Bohemian physician from Weleslaw.

96b Op. 1: (Translator) MATTIOLI, P. A. Herbář, aneb Bylinář.

.1 Praha (publisher) 1596. fol.

Copy: Brit. Mus.

Translation from the German of the botanical work of Mattioli corrected by J. Kramer. A Bohemian translation of the same work has been also published in 1562, Praha. Co-translator A. Huber.

ADAMIUS, Andreas, fl. 1581-1605.

Known as author of several medical theses. He was graduated M. D. at Helmstadt; professor at Helmstadt; became physician and surgeon to metal miners; wanted to return to Helmstadt and to become a professor, but was refused by the Faculty, 1610.

†For biography see J. C. BOEHMER: *Memoriae professorum Helmstadiensium*. Wolfenbüttel, 1719 (Copy: SGL)

97 Op. 1: De morborum causis in specie.

.1 Helmstadt, publisher, 1598.

Copy: London.

Prases was Duncan LIDDEL (1561-1613); publ. in his *Disput. pathol.* pt 3; 4? **See also cap. 1, lib. 2, of his *Op. omn.*, Lyon, 1628.

98 Op. 2: Disputatio de methodo medendi et officii medici.

.1 Helmstadt, Jacob Lucius, 1598. 4°

Copy: London.

*See also D. LIDDEL: *Op. omn.*, Lyon, 1628, v.1: 346-51.

99 Op. 3: De partibus generationi accommodatis in muliere.

.1 Helmstadt, Jacob Lucius, 1599. 4°

Copy: London.

Prases Johann SIGFRID (1556-1623), prof. anat. at Helmstadt.

100 Op. 4: De thoracis vulneribus et de immo-dico menstrui profluvio.

.1 Basel, publisher, 1605. 4°

Copy: ?

ADDA, Ferdinando d', fl. 1540-1570.

Syn.: Abdua; Abduensis; de Abdua; also Ferrandus Adduensis.

An Italian jurist, patrician of Milano; once, he was rector at Padova; wrote epigrams (Venez., 1546), orations, and poems to Girolamo Monti (1557), Cardinal Madrucci (1563), hymn to the Virgin Mary (Milano, 1564); commented on the *Pandectae* in 2 books (Lyon, 1561); his only work of medical interest is an oration on the superiority of Law over medicine and philosophy. It caused considerable indignation (see Giambattista PELLEGRINI)

101 Op.: Ad omnes juris civilis interpretes ... oratio, qua manifeste declarat Leges plurimum Medicinae Philosophiaeque artibus antefendas esse.

Confer with this the defense of medicine by G. PELLEGRINI: *Adversus medicinae calumniatores apologia* (Bologna, 1582)

Text begins: "Nulla maior, ornatissimi totoque terrarum orbi illustri ... (etc.; ends) ... tam ingratae litterae unquam reperiri potuerunt, quae gloriam vestram non immortalitatis memoria prosequantur." A vituperation of physicians, and of the medical art.

.1 (Venezia, Aldo) 1546.

Copy: London; Paris; Berlin; Wien.

48f.; London copy 45f. Very rare. Publ. together with his epigrams.

.2 Bologna, P. Bonardi, May 1566. 4°

Copy: Milano.

.3 *Bologna, Cesare Salvieto, 1582.

SGL: 66.275

Copy: SGL; London; Paris.

A reprint of the 2. ed. in Giambattista PELLEGRINI's work (q. v.); 33f. (1)f., separately foliated on cccc-kkkks of the main work, with the unnumbered leaf superadded. Text 145 x 100mm; Italic; no tp. The additional leaf is "Declaratio quorundam dictorum in presenti libro."

ADELFF.

See *Adelphus*.

ADELFFENS.

See *Adelphus*.

ADELPHI.

See *Adelphus*.

ADELPHIUS, Engelhart, ca 1595.

Called Hoxariensis; mentioned as respondent in an academical disputation, with praeses Johann SIGFRID (1556-1623) prof. anat. at Helmstadt.

102 Op.: Disputationum anatomicarum prima de partium humani corporis differentiis generatim.

.1 Helmstadt, publisher?, 1595.

Ref.: Heffter.

Copy: ?

ADELPHUS, Johannes, fl. 1500-1521.

Syn.: Adelf; Adelphe; Adenlphus (print. error); MUELICH; Mulichius; Mulingus; wrote also under pseud. Jacob Huser (or Hauser) Jost Fritz, Hauptmann; also under initials "Ja. M. D.", "J. A. M. A."

B. Mühlhingen near Strassburg, in the last quarter of the 15. century; stud. med.; was physician at Strassburg, 1503-1515; here, he wrote most of his works, was a proofreader of the Strassburg printers, edited and translated more than 20 different works; visited Trier, 1513; was physician at Schaffhausen, 1516-1520; died probably, 1521; after this year, results of his continued literary activity are unknown. He is one of the forgotten men of the German renaissance period. His chief activity was that of an editor and translator. Only a few of his publications are of medical content.

103 Op. 1: (Editor) Argentinsium episcoporum catalogus cum eorundem vita.

.1 Strassburg, J. Grüninger, 1508. 4°

Further editions by John Mich. MOSCHEROSCH: a) Strassb., 1650; b) Strassb., 1660.

104 Op. 2: Barbarossa.

History of Frederick I, called Barbarossa, Emperor of Germany; work prepared after Latin publications; it is more than a simple translation. Preface dated Schaffhausen, March 1, 1520.

.1 Strassburg, Joh. Grüninger, Aug. 28, 1520.

Copy: London; Berlin; München; Harvard(?)

(77)f.; fol.; in 2 cols.; 30 woodcuts; his name appears as J. Adelfus; title: "Barbarossa oder eine warhafftige (b) beschreibung des lebens" ... (etc.) Valuable E. P.—1,000 RM (1920); 115 Sw. fr. (1931)

.2 Frankfurt a. M., publisher?, 1525. 4?
Copy: ?

.3 Strassburg, Amandus Farckal for Joh. Grüninger, 1530.

Copy: London; Berlin; München; Murray Collection.

LXXVI (corr. 74)f.; fol.; 2 cols.; 23 cuts such as view of Venezia, etc.; title as for E. P.—Rarissimum.

.4 (Strassburg, Joh. Grüninger, 1535)
Copy: London; Berlin; München; Wien.

LXVf.; fol.; title: "Barbarossa. Eine schöne unnd warhafft hehschreibung (etc.)"; woodcuts; 45RM (1900); 41RM (1929)

.5 (Frankfurt a. M., W. Han, 1535)
Copy: London; Berlin; München.

156f.; 8?; title: "Keyser Friderichs, des Ersten" (etc.)

.6 Strassburg, publisher, 1537. 2?
Copy: ?

.7 Frankfurt a. M., P. Reffeler, (1579) 8?
Copy: London; Berlin.

Title: "Keyser Friderichs dess Ersten" (etc.)

.8 Köln, publisher, 1601.

Copy: Berlin; München; Harvard(?)

8?; title: "Keyser Fridrichs ... löblich Geschichten."

†Nonexistent editions: a) Schaffhausen, 1520; place of writing of preface mistaken for place of publication; b) Schaffhausen, 1530; Latin transl.

105 Op. 3: (editor) CALEPINUS. Dictionarium.

.1 (Strassburg, Grüninger? 1510)

Copy: London.

Fol.; title: "F. Ambrosii Bergomatis ... dictionarium". Edited by Adelphus, a physician, the famous dictionary of Ambrogio da CALEPIO (1436–1510) may contain something of medical interest in this of its many editions. The 1513 Strassburg edition does not mention Adelphus.

106 Op. 4: (translator) CAOURSIN, G. Historia von Rhodis wie ritterlich sie sich gehalten. Description of the defense of Rhodes, fortress of the Hospitalers or Knights of St. John of Jerusalem (=Knights of Malta), against the Turk in 1480; originally written by Guillaume CAOURSIN (1430–1501), chancellor of Rhodes, under the title: Rhodie obsidionis descriptio (s. 1, 1481)

.1 (Strassburg, Martin Flach, 1513)

Copy: London; Paris; Murray Coll.

68f. (sig.: A–L); fol.; Gothic; 2 cols.; print. dev.; on tp. large cut of a knight dressed in full attire, dead Turks at his foot. Rhodes in the background; 36 cuts, some by Hans BALDUNG called GRIEN (1470–1552), one of the best German painters and woodcutters of the 16. century. Valuable edition; 360RM (1913) 750 RM (1930)

107 Op. 5: (translator) ERASMUS, D. Enchiridion, oder Handbüchlin eins Christenlehen und Ritterlichen Lebens.

The Latin original under the title: "Enchiridion militis Christiani" published in the author's *Lucubratiunculae* (Antw., 1503)

.1 Basel, A. Petri von Langendorff, 1520.

Copy: London; München; Zürich.

(10)f., 113f.; 4?; tp. within border; 5 cuts by Urs GRAF (ca. 1485–1530) Rare ed.; 90RM (1929)

.2 Basel, Val. Curio, 1521.

Copy: ?

4?; title: "Enchiridion oder Handbüchlin eins waren christl. und strybarlichen Lebens"; a new translation by "Leo Jud."

Op.: *Facetiae Adolphinae*.

See No. 118.

108 Op. 6: (editor) FICINO, M. De religione Christiana et fidei pietate opusculum.

Contains also the work of XENOCRATES: *De morte*, translated by Marsilio FICINO (1433–1499), Italian physician and Platonic philosopher.

.1 Strassburg, (publisher) Dec. 1507.

Copy: Paris.

90f.; 4?; print. dev.; editor's name: Adelphus Mulingus.

.2 Paris, Berthold Rembolt & Joannes Waterloes, Oct. 30, 1510.

Copy: Paris.

Contains the same two works; sig.: a–i; 4?

109 Op. 7: (editor) FICINO, M. De sole.

.1 Strassburg, Joh. Grün + ger, 1508.

See in Op. 16 (No. 118.1)

.2 Strassburg, Joh. Grüninger, 1509.

See in Op. 16 (No. 118.2)

110 Op. 8: (translator) FICINO, M. Das Buch des Lebens.

Latin original written in 1489, by Marsilio FICINO, with the title: *De triplici vita*. Translated into German by Adelphus in 1505.

.1 Strassburg, Johan Grüninger, April 1505.

Copy: ?

Ref.: Weller 311; Panzer 557.

192f., 130f.; fol.; woodcuts. The volume is the so-called *MEDICINARIUS*, or *Das Buch der Gesundheit* as seen from the running headlines; it is a collection of works by BRAUN-SCHWEIG (=Brunswick), FICINO, and an anonymous author; contains a) BRAUNSCHWEIG's: *Liber de arte distillandi simplicia et composita*; 2 books of the so-called "Kleines Destillierbuch"; b) FICINO's work translated by Adelphus under the title "Natürliche und gute Kunst zu behalten den gesunden Leib und zu vertreiben die Krankheit mit Erläuterung des Lebens"; c) *De quinta essentia* and other pieces. With this arrangement, the volume was repeatedly printed.

†Not to be confused with editions of the *Grosses Destillierbuch* of BRAUNSCHWEIG.

.2 *Strassburg, Johan Grüninger, 1508.

SGL: 119271

Copy: Paris; SGL.

(58)f. without foliation; text 235mm; Gothic; 2 cols; 24 cuts; initials. The volume is just the second half of the *MEDICINARIUS* (see above), containing the German translation of FICINO's work, and the *Quinta essentia*, with sigs.: X⁴ Y² AA⁶ BB⁶ CC⁶ DD⁶ EE⁶ FF⁶ GG⁶. See § note at end.

X₁ titlepage: "Das buch des lebens / Marsilius ficinus zu Florentz / von dem gesunden und langen leben der rechten artzneyen / von dem Latein erst nūw zu tūtsch gemacht durch Johanem adenlphum(!) Argen. un an-/ derwert emendiert und gebessert. mit vil nūwen zusatze der quinta essentia und anderer stück / (woodcut 100mm x 155mm); X_{1v} poem: "Marsilius Ficinus bin ich genant/ In der Stat Florenz gar wol hekant" (etc.); contents in general outline; X_{2r} dedication of translator to Heinrich GRAUEN of Werdenber, canon in Strassburg; X_{2v} title of Ficino's dedication to Lorenzo MEDICI, and woodcut 150mm x 135mm; X₃ (both sides) preface of Ficino, division of work into three books; X_{4r} in one single column: preface of Ficino to the first book, addressed to Giorgio Antonio VESPUCCI and Giambattista BONINSEGNI; X_{4v} col. 2: register of Book 1; Y_{1r}–AA_{2v} (no columns): *Das Buch des Lebens*; AA_{3r} preface of Ficino to Book 2, addressed to Philippo VALORI, with register of chapters; AA_{4r}–DD_{1v}: *Das ander buch ... von dem langen leben*; DD_{4v}, col. 2. explicit: ... "erst mals recht nach dem latin corrigiert und emendiert durch Johannem Adelphum Mulich zu Strassburg im jar 1508 am abent des Ertzengels Michaelis"; EE_{1r}–GG_{8r}: "Von quinta essentia"; this part is not translated by Adelphus; it is called "das fünfte Teil" of the volume, followed by "das letzte buch des Medicinarii"; GG_{8r}, col. 2. colophon.

The 24 woodcuts are as follows: 1. on tp., 100 x 155, Marsilio Ficino sitting on chair on terrace, with a young and an old man standing before him; low wall of terrace; castle in background; 2. on X_{2v}, 150 x 135, 7 persons within a room; 3. on Y_{1r}, 85 x 155, the nine Muses, one of them sitting on throne and crowning a kneeling man; 4. on Y_{4v}, 110 x 160, garden with 4 figures, medicinal plants, and distilling oven; 5. Y_{4r}, 85 x 140, scene from a brothel, with 7 prostitutes, and 3 men of different nationality; 6. Y_{6r}, 60 x 145, tripartite allegorical cut showing a) a talking pair, b) the earth and stars, c) a sleeping man; 7. Y_{6v}, 60 x 155, tripartite cut, allegorical showing a) time for recreation, b) for work, c) for eating; 8. Z_{2v}, 170 x 135, inside of an apothecary's shop with 2 figures, and vials on two shelves; 9. Z_{4r}, 15 x 140, interior scene with 2 sitting figures at table, one playing a musical instrument, oven in left back; 10. Z_{6r}, 160 x 135, scene in a kitchen with 2 figures; 11. Z_{6r}, 75 x 140, tripartite cut with bloodletting scene in the center; 12. AA_{1r}, 75 x 145, tripartite cut with man on sleeping porch suffering from insomnia, in center; 13. AA_{2r}, 80 x 135, exterior, with man traveling in coach drawn by 4 horses, 2 bystanders, 2 reading music notes or map (symbol of forgetfulness?); 14. AA_{3r}, 85 x 80, interior scene with magister and a little child in front of bookcase; 15. AA_{4r}, 120 x 150, exterior scene, with man sitting at covered table in garden, 4 musicians, two on each side, woman coming from left back; signed (on the little label hanging over the sitting man's head): C. A.; for the life of this woodcutter and his other works see Nagler: *Die Monogrammisten*, under No. 2186; from the style of the cuts he seems to be the artist of all the unsigned cuts; 16. AA_{5v}, 80 x 150, tripartite cut: a) man sitting before fireplace, b) old man in bed attended by physician, c) physician holding up a urine bottle; 17. AA_{6v}, 145 x 140, poor man in a hospital (?) bed attended by 3 physicians; 18. BB_{2v}, 60 x 60, small town and castle; 19. BB_{3r}, 65 x 60, old man enjoying sun, country, and God; 20. BB_{4v}, 60 x 145, bipartite cut: a) dining scene before a house with 10 figures, b) two wanderers (tramps?) lying on ground in front of forest and fountain; 21. CC_{1v}, 120 x 155, Aeneas,

Dido, and others at table; 23. CC_{6v}, 120 x 145, Virgillus and Maecenas walking out of Rome to open country full with vineyards; 24. DD_{3r}, 135 x 85, Virgin with Child adored by the three Oriental kings.

NOTE: The first part of this edition of the MEDICINARIUS was printed Strassburg, Joh. Grüninger, 1509, and separately bound; usually catalogued under BRAUNSCHEWIG. For description of SGL copy of this part (119270) see under BRAUNSCHEWIG. The titlepage has a large bipartite woodcut, its upper half being identical with Cut No. 1, the lower with Cut No. 4 described above. The title reads: "Liber de arte distillandi ... Ouch von Marsilio Ficino und anderen hochberömpften Ertzte natürliche und gute künst, zu behalten den gesunden leib und zu vertreiben die Krankheiten mit erlengerung des lebens."

.3 Strassburg, Joh. Grüninger, 1515.

Ref.: Panzer

Copy:?

130 f. fol; "Das Distillierbuch. Das buoch der rechten Kunst zu distillieren und die Wasser zu brennen"; also the work of FICINO.

.4 *Strassburg, Joh. Grüninger, 1521.

SGL: 84148

Copy: German Museum; SGL.

Published as part of the MEDICINARIUS under the general title: "Das distillierbuch" (etc.) of Braunschweig; first half of 130f.; second half not foliated, sigs. A-I, all in 6, except A and I, which are in 8; text 240; Gothic; 21 cuts (different woodcutters). Title: "Das buoch des lebens" (etc.), without the translator's name; text of FICINO from A₁ to C_{6v}, followed by the 5th and 6th part of the MEDICINARIUS.

The woodcuts number only 21; they are essentially those of the 1508 edition, but made by a different artist, probably by "P.", whose signature appears on the bipartite woodcut on E_{6v}; several bi- and tripartite cuts in new arrangement; also new cuts as follows: 1. A_{4r}, 80 x 160, bipartite: a) the 9 muses standing, b) man entering the room; 2. C_{6v}, 140 x 135, interior of an apothecary's shop with 4 figures; 3. D_{2r}, 75 x 155, tripartite cut: a) physician holding up urine bottle, b) scene of courtship, c) wall with window; 4. D_{6r}, 80 x 155, tripartite cut: a) old pair sitting at dining table, with musicians, b) man kneeling and admiring a garden, c) six old persons standing in a crowd; 5. 60 x 145, E_{6r}, tripartite cut: a) old pair in a building, b) old pair walking, c) street scene with 9 figures; 6. E_{6v}, 60 x 155, bipartite cut: a) man in bed attended by three persons, signed "P."; b) garden scene with 6 figures; 7. F_{2r}, 100 x 75, dining table with 6 figures at table, and 2 musicians; 8. F_{3v}, 115 x 145, open country with city in background, several pairs walking or petting; 9. F_{6v}, 65 x 150, tripartite cut: a) woman picking flowers, b) a chained monkey, c) street scene.

*SGL copy bound with GERSDORFF's Feldtbuch der Wundartzney (Strassb., 1517).

.5 Strassburg, Joh. Grüninger, 1526.

Copy: London.

Fol.; contains FICINO's work and the other pieces of the second half of MEDICINARIUS.

.6 Strassburg, Joh. Grüninger, 1531.

Copy: London.

Fol.; the whole MEDICINARIUS, beginning with the Distillierbuch of BRAUNSCHEWIG.

¶Dubious or nonexistent editions: a) Strassburg, 1507; b) Strassburg, 1509; see above No. 110.2, in the note; c) 1590.

111 Op. 9: (editor and transl.) GAUTIER de LILLE. *Alexandri Magni ... vita.*

Latin poem of GAUTIER de LILLE (=Gualterus ab Insulis, Philippus) (fl. 12. cent.)

.1 Strassburg, Bartolomeus Küstler, 1503.

Ref.: Panzer (Zusätze 540)

Fol.; "Das Buch der Geschicht des grossen Alexanders und and' hystorien ist durch mich Johannes Doctor in Artzney und in natürlichen Künsten uss dem ledtein zu teutschem gemacht."

.2 Strassburg, Renatus Beck, 1513.

Copy: London; Paris.

4°; sigs. a-t.

.3 (place, publisher) 1519. 4°

Copy: London.

112 Op. 10: (translator) GEILER, J. *Pater-noster.*

Collection of sermons on the Lord's Prayer by Johann GEILER von KAISERSBERG, preacher at Strassburg; the Latin original, with the title *De oratione Dominica sermones*, was published Strassburg, 1510.

.1 Strassburg, M. Hüpfuff, 1515. 2°

Copy: London.

113 Op. 11: (translator) GEILER, J. *Passion des Herren Jesu.*

German translation of the Latin original *Fragmenta Passionis Domini Nostri Jesu Christi*, publ. Strassb., 1508.

.1 Strassburg, Joh. Grüninger, 1514.

Copy: London; München; Berlin.

114f.; fol.; Gothic; initials; cut on tp.; 43 woodcuts; title: "Doctor Keiserspegrs (!) Passion des Heren Jesu ... transs-verliert durch Johannem Adelphum Physicum von Strassburg"; dedication of translator to Christoph v. Reinecke, custos at Trier, dated Strassburg, 1513.—Very rare; 120RM (1911)

.2 Landshut, Joh. Weissenburger, 1520.

Ref.: Panzer.

18f. 4°; woodcuts; preface by Adelphus.

Nonexistent ed.: a) 1512; b) 1513.

114 Op. 12: (editor) GEILER, J. *Scomata.*

For editions see No. 118.

115 Op. 13: (editor) GREGORY of NAZIAN-ZUS. *Opera.*

.1 Strassburg, T. Knoblauch, 1508.

Copy: London.

4°; title: "Hi sunt in hoc codice libelli X divi Gregorii Nazanzeni ..."; transl. from the Greek by RUFFINUS; ed. by Adelphus.

116 Op. 14: (editor) HENRICHMANN, J.

Prognostica aliquoin barbare practica.

Humorous prognostications collected by Jacob HENRICHMANN, canon at Augsburg (fl. 16. cent.); repeatedly printed in BEBEL's *Facetiae*.

.1 Strassburg, John. Grüninger, 1509.

Copy: Paris.

4f.; 4°; Gothic.

117 Op. 15: *Ludus novus.*

On chess-playing; text begins: "Ein newwes spyll ist yetz verhanden/ Das kumpt her vss fremden landen ..." Poem in 140 lines.

.1 (place, publisher) 1516.

Copy: Zürich Stadtbibl.

Ref.: Weller 980.

Folio leaf with woodcut; at end: "Joannes Adelfus phisicus Scaffusen. scriptis, edidit et publicavit". Reprinted in *Serapeum*, 1859, p.12, etc.

118 Op. 16: (editor) MARGARITA *facetiarum.*

Collection of jokes, including his own *Facetiae Adelphinae*; also Alphonso's jokes, *Proverbia Sigismundi*, *Scomata* of Geiler, Ficino's *De sole*; Oratio of H. Barbaro.

.1 Strassburg, Joh. Grüninger, 1508.

Copy: London; Harvard.

(108)f; 4°; his name appears as J. Adelphus Mulichius.

.2 Strassburg, Joh. Grüninger, 1509. 4°

Copy: London; Paris.

In this year he was also the corrector of BEBEL's *Opuscula nova* (Strassb., J. Grüninger), which contains also the first two books of Bebel's *Facetiae*.

¶For further editions of the *Facetiae Adelphinae* see: 3. Tübingen, 1544; in BEBEL's *Facetiae*; copy: Paris; 4. Tübingen, 1550; in Bebel; copy: Paris; 5. Tübingen, 1557; in Bebel; copy: München; 6. 1561; in Bebel; copy: London; 7. Tübingen, 1570; in Bebel; copy: London; 8. Strassburg, 1600; in FRISCHLIN, N. *Facetiae selectiores*; copy: London, Paris; 9. Strassburg, 1609; in Frischlin; copy: Paris; 10. Strassburg, 1615; in Frischlin; copy: London; 11. Amsterdam, 1651; in Frischlin; copy: London, Paris; 12. Amsterdam, 1660; in Frischlin; copy: London, Paris. Also Strassb., 1605. Also Tüb., 1522; Bern, 1555; Frankf., 1590; Lpz., 1602; Strassb., 1603; Tüb., 1752.

119 Op. 17: (editor and commentator) MON-DINO de LIUCCI. *De omnibus humani corporis interioribus membris anatomia.*

With preface of Adelphus addressed to Leonhard, apothecary and physician at Basel; preface begins and ends: "Desideraverunt plerique medicinarum alumni ... tu protector indul-tatus eris. Et bene vale"; dated Strassburg, 1513; with several personal observations of the editor usually at the end of chapters as "Additio", or "Vidi ego"; such annotations refer to the hymen (E_{1v}), diseases of the diaphragm (F_{2v}), the valves of the heart and blood circulation (F_{4v}), tonsils (G_{2v}), nutrition of viscera (G_{4v}), tongue (H_{1v}), origin of motor and sensory nerves I_{7v}, acoustic nerve I_{4v})

.1 *Strassburg, Martin Flach, 1513.

SGL: 41920

Copy: SGL; London; Hunterian; Pilcher Collect.

(40)f. with sigs: (A⁹)-K⁴; text 155mm; Gothic; marginalia; initials; on F_{4v} simple diagram of heart; on K₄ cut, 110 x 85, astrologic man with zodiac, body open in midline.

(A_{1r}) titlepage: "Mundinus/ De omnibus humani corporis interioribus membris (!) / Anatomia." (A_{1v}) preface of Adelphus; A_{2r}-K_{2r} text; K_{3r}-K_{4r}: list of muscles, bones, nerves according to Ibn Sina, Ibn Roshid, etc.; K₄ colophon.

120 Op. 18: Narrenschiff vom Bundtschuch.

Comic poem; text begins: "Wie wohl ich oft vernommen hab / Und mich verwundert sehr darab" etc.

The rebel peasants were organizing "cells" or clubs called Bundtschuh after the shoe they carried on their flags. One was founded in 1513 in Grünbach (Baden). The present publication deals with this particular club the leader of which was Jost Fritze. They intended to seize Freiburg.

.1 (n. pl., n. pub.) 1514. 4f.

.2 (place, publisher, 1514)

Copy: München.

Ref.: Weller 812.

10f.; 4°; cut on tp.; under pseud. Jacob Huser Jost Fritz.

.3 (place, publisher, 1514)

Copy: München; Berlin; Wien; Königsberg.

Ref. Weller 813.

10f.; 4°; title in red; cut on tp.; under pseud. Jacob Huser Jos Frytz hauptman, name of leader of 1513 rebellion of peasants.

.4 (Augsburg, publisher, 1514)

Copy: Göttingen.

Ref.: Weller 814.

12f.; 4°; under pseud. Ja. M D.

121 Op. 19: (editor) PIUS II, pope. De pravis mulieribus.

Contains also the editor's "In libellum Aeneae Silvij ... Elegiacum", signed I. A. M. A.; also a poem of Juvenalis, and In mulieres malas of Boccaccio.

.1 Paris, Jean Petit, (sine anno)

Copy: Paris.

(40)f. with sigs a-e; 8°; Roman.

.2 (Paris? publisher, s. a.)

Copy: Paris.

(42)f. with sigs a-e (correct?) 8°; Roman.

.3 (Strassburg? publisher?, 1507?)

Copy: London.

(40)f. with sigs a⁸-e⁸; 8°; No. 121.2 and No. 121.3 are probably identical.

122 Op. 20: (editor) PLAUTUS poeta comicus.

.1 Strassburg, Joh. Grüninger, 1508.

Copy: London.

123 Op. 21: (preface) AVITUS. De origine mundi.

Contains a poem of Adelphus, and a preface addressed to Jacob von BADEN, archbishop of Trier, dated Aug. 1507, Strassburg.

.1 Strassburg, J. Grüninger, 1507.

Ref.: Brunet.

Copy:

8°; printer's device on p.

.2 Köln, Martin de Werden, Feb. 27, 1509.

Copy: Murray Collect.

.3 Paris, Badius Ascensius, May 1510.

Do later editions of this work also contain the poem and preface? See Lyon, 1536; Basel, 1545, etc.

124 Op. 22: (editor) SACHSENHEIM, H. Die Mörin.

Contains also "Die schön Egloga Baptiste Mantuani von der bösen Weiber Natur" probably translated by Adelphus in verses.

.1 Strassburg, Joh. Grüninger, 1512.

Copy: London.

58f.; fol.; double columns; woodcut on tp.; f.2: preface of Adelphus to Jacob BOCK on virtues of the married life. Later editions not by Adelphus.

125 Op. 23: (editor) Sequentiarum luculenta interpretatio.

Catholic liturgical work; date of first dedication Dec. 13, 1512 to Joh. ENHEIM, priest.

.1 Strassburg, J. Knoblauch, 1513.

Copy: Paris; London; Berlin; München; Wien; Harvard. 136f.; 4°; Gothic; 60 RM (1930)

.2 Strassburg, Joh. Knoblauch, 1519.

Copy: London; München.

136f.; Gothic; bound with WIMPFELING: Hymni de tempore et de sanctis.

.3 Hagenau, Heinrich Gran, 1519.

Copy: Berlin; München; Wien.

110f.; also Hymni de tempore.

Nonexistent ed.: a) Strassburg, 1613.

126 Op. 24: Die Türkisch Chronica.

Dedicated to Petermann ETTERLIN, a historian; dated Trier, 1513.

.1 Strassburg, Martin Flach, 1513.

Copy: London; Berlin; München; Wien; Harvard.

48f.; fol.; 27 woodcuts; print. dev.; date incorrectly MCCCC-XIII.—Valuable for its illustrations; 42 RM (1931)

.2 Strassburg, Joh. Knoblauch, 1516.

Copy: London; Berlin; München.

48f.; fol.; the same title; cut on tp. and 25 large cuts. 60 RM (1900); rare.

127 Op. 25: Rock Christi.

Description of the so-called Heiliger Rock or Rock Christi (Holy Coat) kept in Trier, and first exhibited in 1512; a religious legend.

.1 Nürnberg, Joh. Weissenburger, 1512.

Copy: ?

Title: "Wahrhaftige Sag oder Red von dem Rock Christi neulich in der heiligen Stat Trier erfunden."

.2 Strassburg, Mathias Hüpfuff, 1512.

Copy: München.

Ref.: Weller 735.

14f.; 4°; cut on tp. and 2 more cuts.

.3 Strassburg, Martin Flach, 1513.

Copy: München.

8f.; 4°; title: "Declaration unnd erclerung der warheit des Rocks Jesu Christi ... durch Johannem Adelphum physicum abermals beschrievn"; contains also a poem: "Von dem Rock des Herren". See also Zbl. Bibliothekswesen, vols. 4, 5, 6, 9, 14, for other works of similar character.

128 Op. 26: (editor) WALDSEEMUELLER, M. Der Weltkugel.

Cosmography written by WALDSEEMUELLER (=Hylacomylus).

.1 Strassburg, Joh. Grüninger, 1509.

Copy: München.

Ref.: Weller 521.

16f.; 4°; woodcuts; "Johanne Adelpho castigatore".

NOTE: Adelphus planned also a translation of BRANDT's History of Jerusalem into German.

128a Op. 27: (editor) PICO, G. F. Liber de providentia contra philosophastros.

.1 Strassburg, J. Grüninger, 1509.

Copy:

Extremely rare; 24 RM (1912)

128b Op. 28: (editor and ?author) ALMA-CHIUS. Prophetia mirabilis.

.1 Strassburg, J. Priiss, 1512.

(4)f.; 4°; Roman; forecast for 1513; at end: "Jo. Adel. scripsit et publicavit." Extremely rare; 450 Sw. fr. (1926).

ADELPHUS.

See Adelphus.

129 ADERLASSBUCH: das ist: Von rechtem Gebrauch der Aderläss, Ventosen oder Köpff die Gesundheit zuerhalten (etc.)

Collection of several treatises for the use of barber-surgeons by an anonymous editor.

.1 *(Nürnberg, publisher) March 15, 1599.

SGL:138869

Copy: Berlin; SGL.

(VIII)f. incl. tp., 227p., (9)p. with sigs. Q_{3v}-Q_{7v}, 1f. blank; text 125 mm; Gothic; II-VIII; "Vorrede an den günstigen Leser. Der Hochgelahrte Artzt Galenus ... zu Tod geblutet." Contents: 1) Alexander SEITZ (ca. 1470-ca. 1540) Tractat von Aderlassen (p.1-p.69) in 25 chapters; see also SEITZ's name; 2) Johan HEBENSTREIT: Wie man sich für Aderlassen halten soll; in 6 chapters (p.70-p.87); 3) Hier. BRAUN-SCHWEIG: Ein nützlich Büchlein (etc.); essentially identical with his Apotheke für den gemeinen Mann, but chapters rearranged; (p.88-179); 4) Michael SCHRICK (died 1472) Von Kraft und Tugend der distillierten oder gebrannten Wassern (p.180-p.212); 5) Ein kurz Unterrichtung wie man das Geblüt ... judiciren (etc.) (p.213-225); 6) Für die Pestilenz bewerte Stücke (p.226-227); register to the first three parts on unpagged leaves.

Called new edition.

Nonexistent ed.: a) ca. 1560, Nürnberg, by the heirs of Endter; there is a Neuvermehrtes und verbessertes Aderlassbüchlein printed in Nürnberg (SGL copy: 87464) in the late 17th century, without date; not a new edition of No. 129.

.2 (place, publisher) 1600. 8°

Ref.: Haller.

.3 (Place, publisher) 1601. 8°

This edition contains the 1., 3., and 4. piece of the first edition, also "Artznei und Würckung des Bezoarsteins".

(ADERLASSSTAFEL)

See (BLOODLETTING)

ADORNI, Caterina.

See Catharine, saint, of Genova.

ADRIA, Giovanni Giacomo, 149*-1560.

Syn.: Adria de Paulo.

B. Mazzara in Sicily, ca. 1490; stud. med. Napoli under Aug. NIFO; grad. M. D. 1520 (in Palermo?); practitioner at Palermo, 1529; became physician of Charles V, and proto-medicus of the Kingdom of Sicily; died at Palermo, 1560; entombed *ibid.* in the Church of the Minorites; known as historian of Sicily. His son, Antonio, was also a physician, but not an author.

130 Op. 1: Topographia inclitae civitatis Mazariae.

- .1 Palermo, Joh. & Ant. Pasta, 1515. 4°
Ref.: Panzer.
Copy:

131 Op. 2: Epistola ad conjugem.

- .1 Palermo, Ant. de Mayda, 1516. 4°
Ref.: Panzer.
Copy:

A poem.

132 Op. 3: De laudibus Christi et B. Mariae V. Dedicated to Clement VII, Pope (1475-1534).

- .1 Palermo, Ant. de. Mayda, 1529. 4°
Ref.: Panzer.

Unpublished MSS: a) *Historia Siculi*; b) *De situ valli Mazariae*; dedicated to Ettore PIGNATELLI, viceroy of Sicily; c) *De laudibus Mazariae*; d) *Legenda Sancti Viti*; e) *De phlebotomia*; dedicated to Charles V; f) *De praeservatione pestilentiae*; written to his son, Antonio; g) *De medicinis ad varios morbos hominum*; h) *De balneis Siculis*; written to his son. Most of these MSS are in private libraries of Palermo.

ADRIAANSZ, Cornelis, 1520-1581.

Syn.: Adrians Sohn; Adriaensen; Adriaensen; Adrianus; Broer Cornelis; Cornelis van Brugge.

B. Dordrecht, 1520 (not 1521); his father was Adriaan Cornelis WOUTERS; entered the Franciscan order, 1548; studied theology, Greek, Hebrew, and became lecturer in these subjects; became guardian in his order, and lived in Brugge; his sermons advocated the brutal castigation of the body; established a circle of devoted flagellants (Betje Maas and Kalleke Pieters), by which he became the center of public scandals; died Ypern, July 14, 1581.

For biography see Sander, A. *De Brugsensibus eruditione fama claris*.—Desselius, A. *Bibl. belg.*—Meteren, E. *Niederl. Historie*, ad ann. 1578.—Brandt, G. *Hist. Abrégé de la reform. des Pais Bas*, pt 1. For his "disciplina gymnopygica" see Flekwick, H. A dialogue between a Dutch Protestant and a Franciscan friar (1784; 1812).—Frusta (pseud. for Carl Aug. FETZER) *Der Flagellantismus* (1834).

133 Op.: Sermoenen.

Repeatedly published with the history of his life; edited under the pseudonym "C. NEUTER", and attributed to Hubert GOLTZ (1526-1583).

- .1 (Brugghe, publisher) 1569.
Copy: London.

272 f.; 8° title: "Historie van Br. Cornelis Adriaensen van Dordrecht."

- .2 Noirdwitz, publisher, 1576.
Copy: Berlin;

750p.; title: "Het tweede boeck vande Sermoenen". Also ? Delft, 1576.

- .3 Noirdwitz, A. Solempne, 1578.
Copy: London; Berlin.

750p.; with portrait, title: "Het tweede boeck ..."

- .4 (place, publisher) 1569-78.
Copy: München.

272f.; as "Historie von Broer Cornelis Adriaensen van Dordrecht Minrebroeder binnen de Stadt van Brugghe. Tweede Deel".

- .5 Amsterdam, Corn. Claess, 1592. 8°
Copy: ?

- .6 Brugge (publisher) 1596-98. 8°
Copy: ?

- .7 Amsterdam, Corn. Lodowycz, ca 1600. 8°
Copy: Berlin; München.

With preface of C. NEUTER.

- .8 Amsterdam, C. Claess, 1607.
Copy: London.

228f; 8°; very rare; woodcut of flagellation.

- .9 (place) Bouwmeester, 1608.
Copy: Wien.

565p.; called 2. ed. (of the 2. part) title: "Het tweede boeck vande Sermoenen."

- .10 Leipzig, Peter Schmidt, 1613 (1614?)
Copy: ?

(7)f., 144f. with sigs A-T; titlepage in red and black; woodcut portr. of Brother Cornelius; transl. to German by Johan FABER; title: "Historia vom Bruder Cornelio Adrians Sohn von Dordrecht ... auch begriffene Predigten die er in gemelter Stadt Brugg öffentlich gehalten ...".—Extremely rare.

- .11 Amsterdam, publisher, 1614. 8°
Copy: ?

- .12 (s. l., P. Schmidt) 1614. 8°
Copy: ?

German translation by J. Faber; ed. 2.

- .13 Deventer, Conr. Thomassen, 1628-39.
Copy: London.

494p.; 2 parts; rare edition.

- .14 (place, publisher) 1640. 8°
Copy: ?

- .15 Amsterdam, A. Boekholt, 1698.
Copy: London.

2 parts; 8°

- .16 Amsterdam, publisher, 1714.
Copy: ?

2 vols; 8°; illust.; title: "Historie van Broer Cornelis ..."; reimpression of the Brugge edition; the most complete ed.

Further editions in the 19. century. Also Amsterdam, 1628; Amst., 1641. 8°

ADRIAENSEN, Cornelis.

See Adriaansz, Cornelis.

ADRIAENSENS, Corneille, S. J., fl. 1590-1600.

Syn.: Adriani. Not to be confused with the Franciscan friar of the same name. (See Adriaansz, Cornelis)

B. Antwerpen; teacher of mathematics, Hebrew, and philosophy at the Univ. Ingolstadt, 1592-99; later, professor at the Collegium Romanum. He was praeses of several natural philosophical theses; here listed only in order to avoid confusion with Cornelis Adriaansz. The theses were: 1) *De corporibus simplicibus*; resp. J. C. HUTTLER; 2) *De loco et vacuo*; resp. P. PORCELEUTUS; 3) *De tribus rerum naturalium principis*; resp. P. REIFF; all publ. by Wolfgang Eder, at Ingolstadt, in 1595.

ADRIANI, Junius.

See Jonghe, Adriaan de.

ADRIANI, Marcello Virgilio, 1464-1521.

Syn.: Marcello Virgilio; Virgilio. Not to be confused with Marcello ADRIANI (1533-1604), translator of Plutarch and Demetrius.

B. Firenze, 1464; his father was Virgilio A.; stud. med.; but never practiced; chancellor of Firenze since 1498; prof. of Greek at Firenze; his translation of Dioskurides publ. 1518; was called "the Florentine Dioskurides". Died from a head wound, Nov. 27, 1521.

134 Op. 1: (translator and commentator) DIOSKURIDES. De medica materia.

Critical reconstruction of the original text from 5 different codices, then translated into Latin, with an attempt of using the medical terminology of Celsus, Plinius, etc. and of identifying the plants described by Dioskurides. The annotations or commentaries, which make up about 50% of the work, are a mixture of medicine and philology, often with severe criticism of Ermolao Barbaro. Dedicated to Leo X, Pope (died Dec. 1, 1521) Text begins and ends: "Post multos non veteres tantum ... ampliore volumine librorum et legentes defatigare: visum non est."

- .1 Firenze, heirs of F. Junta, Oct. 15, 1518.
Copy: ?

E. P.; fol.; title: "Pedacii Dioscoridae (!) Anazarbei de medica materia libri sex."

- .2 *Firenze, heirs of Filippo Junta, Feb. 13, 1523.
SGL: 128082

Copy: SGL.

(10)f. incl. tp. with sigs AA¹⁰, f.1-f.352 (=S₄); test 250mm; Roman; marginalia; space for capital letters with guides; no illusr.

AA_{1r}: titlepage; title in red: "Pedacii Diosco/ (in black) ridae Anazarbei: de Medica Materia: Li/bri sex. a Marcello Virgilio Secretario Florentino latinitate donati: cum / eiusdem commentationibus/nuper quam diligentissima/ex secunda interpre/tis recogni/tione ex-/cusi." (etc.); AA_{1v}: three lines of biographical notes from Suidas; AA_{2r}-AA_{3r}: translator's preface explaining his method; begins and ends: "Difficilem in quotidiana ... una peritoris alicuius litura omnia deleri." AA_{3v}: blank; AA_{4r}-AA_{10r}: double index; AA_{10v}: dedication to Leo X;

"Potuerunt Beatissime pater ... medicinam fecisse Leonem declum." f.1r-352; text, with commentary after each chapter; f.352; at end: register, colophon; f.352r print. device.

- .3 *Köln, Joh. Soter, Dec. 1529.

SGL:58115

Copy: SGL.

(12)f. incl. tp. with sigs AA¹BB⁴, p.(1)-p.753 (=Rr₃). 1f. blank (Rr₃); text 235-240 mm; Greek and Latin text side by side in 2 cols.; commentary in one col. of smaller Roman type. The Greek text is that of the 1518 Greek edition of Dioskurides.

AA₁: titlepage in Greek and Latin; contains De medica materia libri 5, and De letalibus venenis liber as the 6th book; AA₁: biographical excerpts in Greek and Latin from Kalinos, Oribasios, Suidas; AA₂-AA₃: preface of the publisher to Philip Cardinal BUCHAMER, dated Köln, Nov. 30, 1529; also preface of translator to the reader; AA₄-BB₄: double index; p.(1)-p.753 text of Dioskurides in Greek and Latin with comment.

The first Greek-Latin edition of Dioskurides; originally bound together with Ermolao BARBARO: In Dioscoridem corollarium libri quinque, edited by B. Egnatius; 79f.; Köln, J. Soter, Febr. 1530. Previous owners of SGL copy: a) T. W. Loeber; b) Ex libris Dr. J. M. W. Baumann. - Rare edition; 40RM (1911)

- .4 *Strassburg, Joh. Schott, Aug. 28, 1529.

SGL:93426

Copy: SGL.

Edited by Otto BRUNFELS (see that), containing the Latin translation of Jean de la RUELE (=Ruellus), the corollaries of BARBARO, and the annotations of Adriani very much shortened by Brunfels ("rhetoricatur vel ludit homo" f)

(4)f. incl. tp., f.(1r)-f.361v (=Oo₇), (1)f. (12)f. with sigs A¹-C⁴; text 235 mm; text in large type, comments in small type; few Greek letters; marginalia; figured initials. F.(1r) titlepage within woodcut border (250 x 165) with synbolic figures of animals, plants, and men carrying inscriptions in red; title in red and black: "P. Dio/ scoridae/ Pharmacorum/ simpliciū, reique Medicae/ Libri VIII./"; arbitrary division of text into 9 books; (1r) blank; (2) preface of BRUNFELS to Dr. Nicolas CAPITO, chief surgeon at Strassburg: "Vetus idque adeo frequens malum est ... Medicina caput tandem exerat ac regnet" dated Strassburg, 1529; (3r) preface of RUELE to Antonius DISOMUS, dated Paris, May 1, 1516; (3v)-(4v): preface of Dioskurides translated by Ruelle; poem of Tho. D. AUCUPARIUS; f.(1)-f.361v text and comments; Oo₈: "Quae sequuntur non videntur esse Dioscoridis"; and colophon; Oo₉, blank; A₁: title: "Index vocum"; A₁v blank; A₂-C₄ index in 3 cols. by Joh. SCHOTT; C₄v blank.

Bound with (post) a collection of various authors De re medica; (12)f., 125f., (1)f.; Basel, Andr. Cratander, 1528. SGL copy bound in stamped pigskin with 2 clasps; previous owners: a) Ex Libris Bibliotheca Schreberiana; b) doublette der K. U. Bibl. Erlangen.

- .5 *Basel, Andr. Cratander & J. Bebel, Aug. 1532.

SGL:119066

Copy: SGL.

Latin translation of Adriani, without the annotations. (16)f. incl. titlepage with sigs a¹g³, p.(1)-p.684 (=Vv₁₆), (66)f. for incl. with sigs Vv₇-a, Xx⁸-Zz³ AA⁸-EE⁸; text 125 mm; Italics; no marginalia; print. dev. on tp. and at end; ornamental initials.

a₁: titlepage: "Pedacii Diosco/ ridae Anazarbei Sim/ plicium medicamentorum, reique medicae / Libri VI." (etc.); a₁v-a₂: publishers to reader; a₂: index by words; p.(1)-p.684 text only; Vv₇-EE₇: Index curationum; remedies for various diseases in alphabet of diseases; EE₇: colophon.

SGL copy bound in vellum; previous owner: a) Ex Libris: Corn. Henr. a Roy, Medicinæ doct.

NOTE: The 1553 ed. of Dioskurides (Venezia, W. Scott; SGL copy: 189119) edited by Amatus Lusitanus, contains critical references to Adriani's translation.

J. Lonicer added the scholia of Adriani to the 1543 edition of Dioscorides (Marburg, C. Egenolf, fol. 87f.) Copy: Crummer Collect.

Nonexistent? ed.: a) Firenze, 1528; mentioned by Choulant;

b) Strassburg, 1569 mentioned by Haller.

- 135 Op. 2: Oratio de militiae laudibus.

On occasion of the festivity "cum Laurentio Medici juniori militaris imperii insignia traderentur".

- .1 Basel, Joh. Froben, Dec. 1518. 4?

Copy: ?

Unpublished works: a) De mensuris, ponderibus et coloribus; b) Oratio in funere M. Ficini.

ADRIANI, Matthaeus, ca 1470-ca 1521.

Syn.: Adrianus; Hadrianus.

B. in Spain from a Jewish family; became later Christian, and was received in the Order of Christ; prof. Hebrew at Heidelberg, 1513; friend of Erasmus; called to Louvain, 1516; prof. of Hebrew at the Collegium trilinguale in Louvain, 1517; in Wittenberg, 1519; became friend of Luther and Melancthon; disappears after 1521. He was a physician, but did not publish anything medical.

- 136 Op. 1: Libellus horam faciendi pro Domino. Religious work the text of which was published in a 3-line arrangement (Hebrew, transcription, and Latin).

- .1 Tübingen, Thomas Anshelm, Jan. 1513.

Copy: Berlin; München; Wien; Breslau.

17f. and one blank; 4?; with woodcut of Virgin and Child probably by Hans BALDUNG; print. dev. at end. - Extremely rare; 500 Sw. fr. (1922); 250 Sw. fr. (1939).

- 137 Op. 2: Elementale introductorium in Hebraicas litteras.

Syn.: Introductio utilissima Hebraice discere cupientibus.

Hebrew grammar; containing also the Hebrew translation of seven prayers and Catholic hymns.

- .1 Augsburg, publisher, 1514.

Copy: ?

- .2 Lyon, publisher (Gryphius?) year?

Copy: ?

- .3 Hagenau, publisher, 1519.

Copy: ?

- .4 Basel, Joh. Froben, Febr. 1520.

Copy: ?

- 138 Op. 3: Oratio ad laudem linguarum.

- .1 Wittenberg, Joh. Grünenberg, 1520.

Copy: Berlin; München.

Dedicated to Georgius SPALATINUS; 4f.; 4?

ADRIANSEN.

See Adriaansz; Adriaensen.

ADRIANS Sohn.

See Adriaansz.

ADRIANUS.

See Adriaansz; Adriaensen; Adriani; Jonghe, etc.

- 139 ADVERTISSEMENT du médecin de Mgr le cardinal de Guyse, à Ronsard, touchant sa Franciade. Lyon, B. Rigaud, 1568. 8?

Not medical.

- 140 ADVERTISSEMENT sur les jugemens d'Astrologie à une studieuse Damoysselle. Lyon, J. de Tournes, 1546. 8?

No copy known; extremely rare.

- 141 ADVIS et exhortation à Messeigneurs du conseil d'Estat contre les blasphemateurs (...) et de ceux qui seront trouvés en adultère et paillardise, plus un advisement audiet conseil d'oster les boutiques des perruquiers qui vendent les cheveux des morts et des vivants. Paris, Binet, 1589. 8?

Ref.: Brunet Suppl.

See [France]

AEIDIUS.

See also Gilles.

AEIDIUS, Eberhard, fl. 1587.

See Everard, Gilles, author of a treatise on tobacco.

AEIDIUS ROMANUS, M. D., 1561-1615.

See Roman.

AEMILIANUS, Johannes, fl. ca 1584.

See Emiliano, Giovanni.

AEMILIUS, Georg, 1517-69.

See Oemler, Georg; also [Dance of Death]

AEMILIO, Marcantonio, fl. ca 1560-76.

See Emili.

- AEMONIS, Petrus, fl. 16 ct

Syn.: Aimon; Aymo; Haymo.

Could not be identified.

- 142 Op.: Physiologiae totius compendium.

The work consists of two parts; the second was "collected" from Aristoteles by the author.

- .1 Paris, Thomas Brumen, 1564. 4?

Copy: Brit. Mus.

AEMSTELREDAMUS.

See Alaard.

AEMYLIANUS.

See Emiliano.

AENEAS Sylvius (Piccolomini)

See Pius II, Pope.

AENETIUS, Theophil.

See in *Biobibliography* of 17. cent. authors.

AEQUICOLA.

See *Equicola*.

AERODIUS.

See *Ayrault*.

AESCHART, Johannes.

See in *List* of 17. ct. authors.

AESTICAMPIANUS.

See *Sommerfeld*.

AETHON.

See *Freudenberg*.

AEVOLUS.

See *Evoli, Cesare*.

AEZMA, Julius.

See 17. ct. authors.

AFFAITATI, Fortunio, ca 1505–1550 (or 1551)

Syn.: Afaetati; Affaitatus; Affaydatus; Affaytadi; Affeytat.

B. 1505 or 1506 at Cremona as son of a noble family; was interested in medicine, astronomy, and theology; prof. of mathematics at Venezia; later, settled in Roma, where he became physician to Pope Paul III (1468–1549); the Pope died Nov. 10, 1549, whereafter the author, who dedicated his single work to the pontiff, emigrated to England, and in London was teaching mathematics (not in 1548); he drowned in the Thames. Died 1550 (var.: 1555)

143 Op.: Physicae et astronomicae considerationes.

Contains six treatises: (a) De peculiari magnetis ad polum descensu; (b) De causa cur magnes ad se ferrum attrahat; (c) De androgyne a se ipso concipiente, etc. The last mentioned treatise has been considered a separate work by Carrere, and called *De hermaphroditis*.

.1 Venezia, Nicolò de Bascarinis, 1549.

Copy: Brit. Mus.; Harvard; Engineer. Soc. N. Y.

8°; 36l. (or 33f.?) Extremely rare.

AFFEYTAT.

See *Affaitati*.

AFFIDATI, Accademia degli.

See under *Padova*.

AFFINATI d'ACUTO, Giacomo, –1615.

Syn.: Acuto; d'Acuto.

B. Roma (?); he was a Dominican monk and a philosopher; 1601, publ. Op. 1; next year, became prior of the monastery Sta Maria delle Grazie at Padova; in the same year, publ. Op. 2, also another work of religious character; died 1615, in which year his sermons were published.

144 Op. 1: Il muto che parla.

Dialogue on the excellence and the defects of human speech, and the virtues of silence. Anything on deafmutism?

.1 Venezia, M. A. Zaltieri, 1601. 8°

Copy: Paris.

.2 London, for William Leake, 1605.

Copy: Brit. Mus.; Harvard.

Transl. by A. M. L., 283p.; "The Dumb Divine Speaker ... a treatise in praise of silence".

.3 Venezia, M. A. Zaltieri, 1606.

Copy: BM; Paris.

8°; 444p.

145 Op. 2: Il mondo al roverscio e sossopra ove si tratta di tutte le cose create (etc.)

Probably only a religious treatise in 4 dialogues on the sins of the world.

.1 Venezia, M. A. Zaltieri, 1602. 8° 613p.

Copy: BM; Paris.

.2 Paris, F. Huby, 1610.

Copy: BM; Paris.

French transl. by F. Gaspar Cornuère; 8°; 268f.; "Le monde renversé; traité auquel est montré que la pèche est la cause (etc.)"

.3 Paris, F. Huby, 1622. 8°

Copy: Paris.

The same French translation under the title: "La désolation de l'Univers".

AFINE (Van den Eynde) Henry, fl. 1515–1532.

Syn.: Afineus; Affinius; Henry de Fine; de Fines; van den Eynde.

B. at the end of the 15. cent. at Lierre (Lat. Lyra) a small industrial town near Malines in Belgium; hence, called *Lyranus* or *Lyrensis*, or de *Lyra*; stud. med. at Louvain; ca. 1516, resided in Antwerpen, and wrote his Op. 1, which he dedicated to the mayor of that city, his compatriot; next year, he became archiater of Antwerpen, and in 1518 the University of Louvain engaged him as an astrologer; in this position he published his yearly prognostications (see Op. 2) from 1518 to 1532; thereafter, nothing is known of him.

146 Op. 1: Questiones tres.

Three questions of interest discussed at the Academy of Louvain in 1516: (a) De reductione medicinae (or medicinarum) ad actum; (b) De correctione Calendarii; (c) De intelligentiis.

.1 Antwerpen, Willem Vorsterman, Apr. 4, 1517.

Copy: Paris; Gent Univ.; Brit. Mus.

32f. A–H⁴; Gothic; 4° On f. 5r: his letter of dedication to Arnold, mayor of Antwerpen, dated Antwerpen, Dec. 24, 1516. The copy contains also two poems, and a letter of Erasmus to the author.

147 Op. 2: (Prénostication de Louvain)

The title varies in the different years; presumably it was an annual publication (1518–1532) but only a few issues can be traced.

(a) (Antwerpen, publisher, 1518)

Copy: Paris; BM.

4f., 4°; Gothic; woodcut; "La grande et vraye prénostication de Louvain pour 1518." 46 lines per page.

(b) (n. pl., publisher, 1524)

Copy: Paris.

(4)f.; 4°; Gothic; prognostication for 1524.

(c) (Antwerpen, publisher, 1532)

Copy: Paris.

4f.; 4°; for 1533; "La grande et vraye / prénostication de louvain".

AFONSUS.

See *Alonso*.

AFRICANUS, Johannes Leo, 1495–1550.

See *Fāsi, Hasan ibn Muḥammad al-Wazzān az-Zaiyāṭī*.

AGASTARI.

See *Astari*.

AGATHEMERUS.

See *Bondino*.

AGATHUS, Petrus Angelus, pseud.

See *Bonacci, Giovanni*.

AGATO, Pietrangeli.

See *Bonacci, Giovanni*; editor of works of Cappivacci and Falloppio.

AGATOCHRONIUS, Leodegarius.

See *Bontemps, Leger*.

AGATOPISTO, pseud.

See *Buonafede*; also *Buonamici*.

AGELA, Gabriel (a misnomer)

See *Ayala, Gabriel* (cf. *Adelung*, who writes of Agela as an unknown author of the 16. century).

AGER, Nicolaus, 1568–1634.

Syn.: Acker; Agerius.

Physician, and botanist; b. Itenheim(?) in Alsace, 1568; stud. at Strassburg; 1591, pupil of Spach (1560–1610), whose library he visited frequently and of which he wrote an epigram (op. 1); his teachers, including J. L. Hawenreutter (1548–1618) and Melchior Sebiz sen. (or Sebisch, 1539–1625), liked him, and he wrote a medical dissertation for each of them (op. 2, 3, 6); he graduated at Strassburg, 1593; in 1597, he studies at Basel, where he was engaged in pathological and botanical studies, and became acquainted with the Bauhin brothers; 1597, Op. 4 published at Basel; his botanical discoveries he revealed to the Bauhins, and incorporated in the pharmacological book of Walter RYFF, which he revised and edited in (op. 5) 1602 at Strassburg; between 1602 and 1614 his activities are unknown, but after 1614 he became professor at the Strassburg University on the philosophical faculty, taught physics, and was the praeses of several dissertations at this faculty (1619–1621); from 1623 on until his death he was also the assistant professor at the medical faculty, and was the praeses of a large number of medical dissertations; during this time he himself wrote only four small theses (Op. 7–10); it is mentioned that he was also a canon of the Thomas Church at Strassburg. He died June 26, 1634. His botanical

investigations brought him the honor that Linne named a plant after him (*Pederota agerii*).

See also **Sitzmann**. Dict. biogr. d. hommes célèbres de l'Alsace.

148 Op. 1: De bibliotheca medica ... Doct. Spachii epigramma.

A poem "ad lectorem" in 25 distichs. Begins: "Barbarus, ut fama est Cyllenia numina placans Mercator, tumidis lineata pandit aquis"

and ends "Sic vigili demum sparget monumenta labore Disposita & medicas accumulabit opes."

.1 *Frankfurt, M. Lechler for N. Bassaeus, 1591. **SGL:66145**

Copy: NYAcadM; SGL.

On f.(7v)-(8v) i. e., the preliminary leaves after the preface of Israel Spach's *Nomenclator scriptorum medicorum* (description of the volume see under Spach)

149 Op. 2: De homine sano.

His inaugural dissertation under Israel Spach. According to its subtitle, it discusses the parts of the human body, their actions and uses. In the preface the author mentions that he often was present at dissections made by Johann Sebastian Fride, a physician at Strassburg. The work contains 409 short "theses" anatomical and physiological, with many references to Galen.

Text begins: "De homine sano thesis I. Magna ea profecto Hominis laus est: ... (ends) ... omnia nostra consilia, dicta & facta ad Laudem nostri Conditoris dirigamus. Amen."

.1 *Strassburg, Anton Bertram, 1593. **SGL:418**

Copy: Brit. Mus.; SGL.

(38f.); sig. A-H¹⁶; preface in Roman, text in Italic, with Greek letters occasionally; text 15 x 10 cm. F.A_{1r} tp. in floreated border: "Theses medicae / physicae, / De Homine Sano, / hoc est, / De Partibus Humanum / Corpus Constituentibus, ea- / rumque actionibus & usu."; f.A_{1v} blank; f.A_{2r}-A_{2v}: preface or dedication to Ulrich Chelius, archiater of Strassburg and to others dated VI. Kal. Julii, 1593, Strassburg; f.A_{4r}-l_{5v} text; f.l₅ blank.

150 Op. 3: Theses medicae de dysenteria.

.1 Strassburg (publisher) 1593.

Copy: BM.

(12f.); 4? His inaugural dissertation under Melchior Sebisch, sen.

151 Op. 4: Chronologia medica.

.1 Basel (publisher) 1597.

Copy: Leningrad Med. Chir. Acad.

In the catalog of the Leningrad Med.-Chir. Academy it was classified as a publication on medical history; it is not, since the subtitle reads: "... hoc est, conclusiones de temporibus rerum praeter naturam tum universalibus, tum particularibus." Exceedingly rare.

152 Op. 5: (editor) RYFF, Walter: Neue auszgerüste Deutsche Apoteck.

According to the preface of the printer, the editor not only enlarged the work of RYFF with many new compositions and remedies, but also rearranged the material so that it is truly a new work. The editorial work must have been finished by Nov. 20, 1601. There is no preface by the editor, whose name appears only on the title and in the preface of the printer.

.1 *Strassburg, Lazar Zetzner, 1602. **SGL:119182**

Copy: Paris; SGL; Univ. Wisconsin.

(6)f. 721p. (13)f. 302p. (4)f.; fol.; text 26 x 15 cm; Gothic. The running title calls the volume *Reformierte Deutsche Apotecke*. For full description see under **Ryff**.

153 Op. 6: De elementis.

His disputation under J. L. Hawenreutter as praeses.

.1 Strassburg (publisher) (1614)

Ref.: Hefter 2:2766.

Copy:

The full title reads: "De elementis ut materia sunt mutationis: ex Libr. II. Aristotelis de generatione et interitu." 18f. 4? Part of a series of disputations on the elements held at the Strassburg University in 1614.

154 Op. 7: (Problemata) or (De elementis)

Part of a series of "medical exercises" under Melchior SEBISCH jun. (1578-1674) as praeses. This is the 5. "Exercitatio medica" published separately, and in 1639 bound together with others under a common title-page "Exercitationes medicae", which gives credit to Sebisch as author.

Auger's work contains six problems: 1. An vocabulum στοιχείου Elementi, uno eodemque semper modo accipiat?; 2. Rectene de Elementis in medicina praecipiat?; 3. An Galenus ... recte dicat, elementum esse minimam rei (etc.)?; 4. Utrum sensus iudex sit eorum, quae vera & natura cuiusque rei sunt elementa (etc.)?; 5. An Hippocratis argumen-

tatio contra unitatem elementi (etc.)?; 6. Utrum 4 tantum sint elementa .. ex quibus tum corpus humanum, tum in universum omnia corpora mixta constent?

.1 *Strassburg, Typ. Rihel, 1623.

SGL:44963

Copy: SGL.

(4)f.; sig. A⁴. Roman and Italic; text 160 x 100mm. F.A_{1r}: title-page: "Exercitatio / Medica / Quinta; / etc." F.A_{1v} blank. F.A_{2r}-A_{2v}: text beginning with the first problem as above and ending: "Primae ergo elementum terrae; secundae aquae; tertiae aeris; ultimae ignis in memoriam tibi revocabunt."

155 Op. 8: (Problemata) or (De cerebro et nervis)

Part of a series of "medical exercises" under M. Sebisch as praeses. See above under Op. 7. This is the 22. "Exercitatio medica". Published in the same collection as Op. 7.

It contains ten problems: 1. Cum officium cerebri ab Aristotele ... sit reiectum; merito quaeritur, quodnam sit genuinum & germanum?; 2. Rectene spinalis medulla nomen medullae sibi vindicat?; 3. An nasus sit organum olfactus?; 4. Utrum anteriores cerebri ventriculi sint olfactus organum?; 5. An Aristotelis admittenda sententia de sensorio olfactus?; 6. Quod ergo verum, & genuinum olfactus sensorium?; 7. Sinite aures auditus instrumentum?; 8. An lingua sit musculus?; 9. Utrum cor in numero musculorum habere queat?; 10. An cor sit calidum, & humidum?.. The text begins with the first problem as above, and ends: "... sed etiam omnibus plane corporis particulis: quemadmodum sensus docet."

.1 *Strassburg, Johannes Andreas, 1624.

SGL:44963

Copy: SGL.

(6)f.; sig. A⁴B²; chiefly Italic; text 160 x 100mm. F.A_{1r}: title-page: "Exercitatio / Medica / Vigesima Secunda; /"; f.A_{1v} dedication to Matthias Bernegger, prof. of history at Strassburg; f.A_{2r}-B_{2v} text.

Both Op. 7 and Op. 8 bound in SEBISCH, M. Exercitationes medicae, Strassb., 1639.

156 Op. 9: De diebus criticis.

This is the first, general part of a disputation under Melchior SEBISCH, jun., as praeses. The second, or special part was proposed by Melchior ZSCHUESY. It contains 121 short "theses" and 32 miscellaneous "pargra". It deals also with astrology, the influence of the moon, the hidden virtues of numbers, etc.

Text begins: "Thesis I. Disputationibus duabus doctrinam de morborum temporibus complexi sumus ... (ends) ... ergo nulla est inter naturam at septenarium numerum tacita occultaque conspiratio." The "pargra" begins: "Virtus & Natura curant morbos ... (ends) 32. Solum vertere in diuturnis morbis, optimum. Hipp. I, 6, epid. s. 5."

.1 *Strassburg, Johannes Andreas, 1626.

SGL:

Copy: SGL.

(16)f.; sig. A-D⁴; text Roman with occasional Greek words; the pargra in Italic; 145 x 100 mm for both parts. F.A_{1r}: title-page: "Disputatio / De Diebus Criticis / Prior; continens doctrinam eorum generalem; / F.A_{1v} dedication to Paul MUEG, quindecimvir of Strassburg, and to others; f.A_{2r}-D_{2v} text of theses; f.D_{3r}-D_{4v} text of pargra. End piece.

157 Op. 10: De infarctibus mesarai.

It is a medical inaugural dissertation for which Auger acted as the praeses, but the name of the respondent is unknown. Hence, it is listed here under Auger's name.

.1 Strassburg, E. Welper, 1629.

Copy: Brit. Mus.

14f.; 4?

In the catalog of the Bibl. Nat. of Paris, Auger is mentioned as the author of a thesis *De putredine* (Strassb., 1625), yet this is the work of Lazar von HEYDEN under M. Sebisch as praeses.

AUGER himself was the praeses for 44 inaugural dissertations at the University of Strassburg. Many of them are mentioned by various bibliographers as works of Auger. All of them are by 17. century physicians, and will not be included in this list elsewhere than here. All were published at Strassburg, and listed by Hefter in the two volumes of his *Museum Disputatorium*. In the following list the credit is given to the respondents:

- 1619. Kisling, J. De elementis. 8f.
- 1621. Rihel, J. Quaestiones physicae septem. 10f.
- Wittwer, A. Decas questionum physicarum de tempore. 6f.
- 1623. Goeler, G. B. De anima in genere. 18f.
- Graeter, J. C. De terrae motu. 8f.
- Kirchner, P. De nive. 4f.
- Perrenon, J. F. Decas questionum ad doctrinam de anima pertinentium. 12f.
- Schilling, F. De sensibus externis. 14f.
- Schnieber, C. De duobus animae sentientis facultatibus: appetitiva et locomotiva. 14f.
- Verboczy, A. D. De formarum origine et seminali principio. 26f.
- Wolfram, J. C. De vita et morte. 16f.

1624. Halbmayer, J. G. De nutritione. 10f.
Heindel, F. Quaestionum miscellaneorum ex physica depromptarum octo. 8f.
Maier, J. B. De aqua elementari. 4f.
Straub, C. De privatione, tertio naturalium rerum intrinseco principio. 6f.
1625. Junior, J. W. De zoophytis plantanimalibus. 6f.
Ruck, J. C. Heptas quaestionum miscellaneorum physicarum parvis naturalibus depromptarum. 8f.
Strelin, J. De voluntate physice considerata. 6f.
1626. Bardili, G. Quaestionum naturalium enneas. 4f.
Fritsch, J. De mente humana. 4f.
Geroald, J. De motore primo ex Arist. lib. 7. 6f.
Lachier, D. De natura coeli. 4f.
1628. Zoller, J. G. De stellis fixis. 4f.
1631. Gastel, C. Diatriba quaestionum miscellaneorum philosophica. 6f.
1629. Kisting, A. De anima vegetativa. 10f.
Spengler, N. De affectione externa corporis naturalis nimirum de loco. 2f.
1631. Beck, P. De auditu et sono. 4f.
Huber, J. De potentia animae locomotiva. 8f.
Knoderer, J. A. De privatione. 6f.
Strauss, G. J. De igne elementari. 4f.
1633. Döbel, E. De intestinis terrae incendiis. 4f.
Eichelmann, J. De olfactu. 8f.
Greiffert, J. A. De monstris. 4f.
Gros, M. De reproductione aquae calefactae in pristinum frigus. 6f.
Scheid, B. De luna et lunae maculis. 14f.
Schneider, J. J. De somno et insomniis. 10f.
Will, P. Quaestionum physicarum pemptas. 6f.
1634. Christan, J. G. De mari. 4f.
Dreutzel, M. De principio activo et passivo naturae. 10f.
Funk, N. De aere. 4f.
Mercklin, S. De terra. 6f.
Michael, J. De principiis physicis intrinsecis. 4f.
Schmidt, A. De maximo et minimo physico. 6f.
Werner, J. G. De qualitatibus elementorum primis. 10f.

AGGREGATOR.

See Dondi, Giacomo; also *Herbarius*; *Herbolario*.

AGGRIPPA.

See *Agrippa*.

AGLIERI.

See *Alieri*.

AGNELLI, Cosimo, fl. ca 1582.

Unknown author.

158 Op.: Amorevole avviso alle donne circa alcuni loro abusi.

.1 Ferrara (publisher) 1582. 8°

Ref.: Adelung.

Copy:

.2 Venezia, Ciotti, s. a. 8° 55f.

Copy: Berlin.

"Aviso Christiano alle donne circa alcuni loro abusi."

.3 Ferrara, B. Mammarello, 1592. 8° 36f.

Copy: Brit. Mus.

.4 Milano (publisher) 1592. 16° 30p.

Copy: Boston Med. L.

.5 Bologna, Rossi, 1592.

Copy: Wien.

AGOSTI, Girolamo Oliviero, 1509-1558.

Syn.: Augustus.

B. Bergamo, 1509; studied medicine; later, engaged in cosmography; 1540, became "poeta laureatus" of Charles V, in Milano; died 1558.

159 Op. 1: De imperio Romano in pristinam gentem et dignitatem restituto liber unicus.

.1 Augsburg, P. Ulhard, 1548.

Copy: Paris.

4°; contains also his Op. 2 and Op. 3.

160 Op. 2: De partitione orbis.

.1 Augsburg, P. Ulhard, 1548.

Copy: Paris.

In his Op. 1; consists of four books.

161 Op. 3: Epigrammata nonnulla.

.1 Augsburg, P. Ulhard, 1548.

Copy: Paris.

Published in Op. 1; among these may be two other works of which only the titles are known: a) *De arcu cupidinis libri tres*; b) *Veneris et cupidinis dialogismus*.

AGOSTINO VENEZIANO, 1490?-1540?

See *Di Musi*, Agostino.

AGRESTO da FICARUOLO, pseud.

See *Caro*, Annibale.

AGRICOLA, Conrad, -1617.

Syn.: Bauer.

A German printer at Nürnberg and Altorf at the beginning of the 17. century; 1602, published and edited the work of Andrea CESALPINO (1519-1603); 1610, published a concordance to the Bible, which was often reprinted; died 1617.

162 Op.: (editor) A. CESALPINO. De metallicis.

.1 Nürnberg, C. Agricola, 1602. 4°

For description of volume see under *Cesalpino*.

AGRICOLA, Franz, -1624.

Catholic German theologian; b. ca 1545 at Lünen, a small village in Westphalia; about 1568, becomes pastor at Rödingen, close to Köln; here, he wrote many sermons and theological pamphlets between 1568 and 1614, some of them of medical interest; at the end of his life he migrated to Sittard, a small town in Limburg (Netherlands), where he died 1624 (not 1621).

163 Op. 1: Diatriba evangelica de coniugio et celibatu sacerdotum.

Discussion on marriage of priests and bishops.

.1 Köln, M. Cholinus, 1581.

Copy: BM; Berlin; München; Wien.

8°; 285p.

.2 Köln, H. Hoberg, 1604.

Copy: Paris; Wien.

Issued twice; as (a) *Nova apodixis Evangelica de ... statu concubinariorum*, and (b) *Demonstrationes evangelicae de ... statu concubinariorum*. Seems to be the same work as the *Diatriba*.

164 Op. 2: Gründlicher Bericht ob Zauberei die argste und greulichste Sünd auf Erden sei.

.1 Köln, Falckenburg, 1597.

Copy: Berlin; Münster.

231p.; 8° Title reads: "Gründtlicher Bericht, ob Zauberey die argste und greulichste sünd auff Erden sey. Zum andern, ob die Zauberer noch Busz thun und selig werden mögen. Zum dritten, ob die hohe Obrigkeit ... die Zauberer und Hexen am leib und leben zu straffen schuldig."

.2 Dillingen, Hänlin, 1613.

Copy: Brit. Mus.; München; Wien.

353p.; 8° With slight change in title.

.3 Ingolstadt, Hänlin, 1618.

Copy: München.

263p.; 8°

.4 Würzburg, Fleischmann, 1627.

Copy: BM; Breslau.

277 (or 177?)p.; 8°

165 Op. 3: Biblischer Ehespiegel.

.1 Köln, Wolther, 1599.

Copy: Berlin; München; Münster; Wien.

125p.; 4° Catholic sermons exposing the abuses in contemporary marriages. Rare.

AGRICOLA, Georg, 1494-1555.

Syn.: Bauer; "Landmann" (Nouv. biogr. gén.); Pauer; "Glaucius"; generally called "senior". Not to be confused with (a) Georg Agricola, Catholic priest and bishop, commonly called the younger, ca. 1560; (b) Georg Agricola, physician at Nürnberg, ca. 1573 (q. v.); (c) Johann Georg Agricola, physician ca. 1617.

B. 1494, and not earlier, as proved by his epitaph ("mortuus est aetatis suae 62, 10. Cal. Nov. 1555"); March 24, not March 14, at Glauchau, industrial city of Saxonia, and residence of the counts of Schönburg, a few miles away from Zwickau. His brother called himself Franz Bauer. He studied first at Glauchau, then in Zwickau, where he learned Greek and Latin; 1510, became "rector extraordinarius" of Greek at the Zwickau school; 1512, stud. theology, physics, and chemistry at the University of Leipzig, one of his professors being Peter SCHADE (Mosellanus), a leading humanist of the 16. century; 1518-22, teacher of Greek at Zwickau, and published his grammatical work (op. 17); 1522-1524, at Leipzig as assistant rector of Peter SCHADE; 1524, after the death of his chief, travels in Italy, visits the medical schools of Bologna, Padova, stayed in Venezia, and became acquainted with the publishing house of the Aldo family; during his Italian sojourn, somewhere he graduated an M. D., studied Arabic and Greek; 1526, returns to Germany, and becomes town physician of Joachimsthal in 1527. Here, he had opportunity to devote himself to mineralogy and metallurgy, and to observe the miners of the "Giant Mountains" (Riesengebirge); received much good advice from his friend, Lorenz BERGMANN (or Bergmann), an expert in mining; 1530, published his work (op. 3) on

metallurgy; in the same year, Prince Moritz of Saxonia called him to Chemnitz to become the historian of his court; his new position brought him closer to the political events, to the danger of Christian Europe by the invasion of the Turk; 1531, he became town physician of Chemnitz, and was repeatedly elected the mayor of the town; in a respected position and in favor of the prince he was able to continue his mineralogical and geological studies, which have been published in various works; meanwhile, the entire city of Chemnitz left the Catholic church with the exception of Agricola, who, therefore, became the object of religious persecution. It is told that even his sudden death by apoplexy was caused by a stormy disputation with his protestant enemies on Nov. 21, 1555. Religious hatred did not allow his burial in Chemnitz; his corpse had to be removed to the nearby Zeitz, where Agricola was buried, 4-5 days after his death. According to other reports, he died from a short febrile disease.

For his many mineralogical publications he is considered the father of mineralogy and metallurgy. See his life in E. Darmstädter: Georg Agricola, Münch., 1926.—Portrait taken from the portrait collection of the Army Medical Library.



[Check list of works

Opera omnia.

Op. 1: De animantibus subterraneis.

Op. 2: Appellationes quadrupedum, etc.

Arte (de) metallica. See Op. 18.

De bello adversus Turcam ... oratio. See Op. 13.

Bergwerck-Buch. See Op. 18.

Op. 3: Bermannus; sive, De re metallica (dialogus)

Bücher vom Berg- und Hüttenwesen. See Op. 18.

Commentarius in artem medicinalem Galeni. See Op. 8.

Op. 4: Ad ea quae A. Alciatus denuo disputavit de mensuris, etc.

Op. 5: Epistola ad Plateanum ... de mensuris.

Epitome in omnes G. Agricolae ... libros. See Op. 11.

Op. 6: De externis mensuris et ponderibus.

De fontibus medicatis. See Op. 12.

Op. 7: De fossilium natura.

Op. 8: (GALENUS) Comment. in artem medicinalem Galeni.

Gespräch vom Bergwesen. See Op. 3.

De grammatica. See Op. 17.

Op. 9: Interpretatio Germanicarum vocum rei metallica.

Op. 10: De mensuris et ponderibus.

Op. 11: De mensuris quibus intervalla metimur.

Op. 12: De natura eorum quae effluunt de terra.

De natura fossilium. See Op. 7.

Op. 13: Oratio de bello Turcis inferendo.

Op. 14: De ortu et causis subterraneorum.

Op. 15: De peste.

Plateanus: Epistola. See Op. 5.

Op. 16: De pretio metallorum et monetis.

Op. 17: De prima ac simplici institutione grammatica.

Op. 18: De re metallica.

De re metallica (dialogus). See Op. 3.

Op. 19: De restituendis ponderibus atque mensuris.

Op. 20: De veteribus et novis metallis.

Manuscripts works.

Apocryph writings.

166 Op. om.: (Opera omnia seu collecta)

.1 Basel, H. Froben & N. Bischof, Sept. 1546.

Copy: BM; Paris; Wien; Berlin; München; Breslau; Osler; Phila. Acad. Nat. Sc.; U. S. Geol. Survey. 487p. (51)p.; fol. Print. device on tp. and at end. Dedicated (1544) to Prince Moritz of Saxonia. Contains Opp. 14, 12, 7, 20, 3, and 9, with additional index.—£ 8/10 (1939). Rare

.2 Venezia, Michele Tramezzino, 1550. 8°

Copy: BM; München; Wien; Engineer. Soc. N. York.

Italian transl. by an anonymous author; (27)f. 1 blank 467p. (1)f.; Italic. Dedicated to Cardinal Di Monte. Contents as above, but Op. 9 omitted.

.3 Basel, H. Froben & N. Bischof, Sept. 1558.

Copy: BM; Berlin; Wien; John Crerar Libr.; Engineer. Soc. N. Y.; N. York Pub. Libr.

Latin edition with the same content as the Ed. Princeps; (4)f. 470p. 1 blank, (20)f. Contains 142 cuts.—90 RM (1911); 36 RM (1930); £ 1/10 (1931).

.4 Wittenberg, A. Rüdinger for Zacharias Schürer, 1612.

Copy: BM; Paris; Berlin; Wien; NYAcadM.; Phila. Pub. Libr.

Latin edition with contents as in 1546; ed. by Joh. SIGFRID; also a treatise by Georg FABRICIUS De metallicis rebus et nominibus observationes. (14)p. 1014p. (114)p.; 8°—25 RM (1930).

.5 *Basel, Emanuel König, 1657.

SGL:140403

Copy: BM; Paris; Berlin; München; Wien; Breslau; John Crerar Libr.; Welch Libr.; NYAcadM.; SGL.; Phila. Acad. Nat. Sc.; Amer. Philos. Soc.; Phila. Pub. Libr.; Pennsylvania Univ.; Massachusetts Inst. Technol.; Bowdoin; Univ. Chicago; Univ. Michigan.

More complete than the previous editions, including also Op. 18, and Op. 1. Latin; (7)f. 708p. (45)f.; fol.; text Roman in two different sizes; dictionaries in Roman, Italic, and Gothic; text 250 x 150 mm for the first half, 275 x 155 for the second half, which is in double columns, 255 x 150 for the dictionary in double columns, and 275 x 160 for the index in three columns. The volume can be arbitrarily divided into three parts: 1. part: ending on p. 477, contains the chief work of Agricola De re metallica libri 12; it has 276 woodcuts, more than 50 of them being full-page cuts, including 2 folding plates (between p.96 and 97, and 100 and 101); 4 cuts are signed: RMD, i. e., Rudolf Manuel DEUTSCH (q. v.); there are also several diagrams; 2. part: beginning on p.478 and ending on p.708, contains the other works; dedications in Italics, text in Roman double columns; there is one full-page woodcut in this part; 3. part: contains dictionaries not by Agricola, and various indices; this part has signatures with letters of the Greek alphabet.

1. part: Tp.: "Georgii Agricolae / Kempnicensis medici ac / philosophi clariss./ De Re Metallica / Libri XII," etc.; with list of added works in 2 columns, followed by a woodcut of a man in front of a furnace, and the imprint; tpv: blank; the next 2. leaf and the recto of the 3. leaf: letter by Cornel MARTIN, professor to Johann SIGFRID dated Helmstadt, 15. Cal. Sept., 1612; verso of 3. leaf blank; A) f.(;)2-(;)3v: Agricola's dedication to Moritz of Saxonia dated Chemnitz, Dec. 1, 1550; f.(;)4r-f.(;)6v: poem in distichs by Georg FABRICIUS to the reader dated Meissen (=Misnia) 1551; p.1-477: text of De re metallica libri 12;

2. part: B) p.478: list of authors quoted in the next work; p.479: dedication by Agricola to Georg FABRICIUS dated Chemnitz, 3. Id. Aug., 1548; p.480-492: De animantibus subterraneis; C) continued on p.492 to p.527: De ortu et causis subterraneorum libri 5; p.528: list of authors quoted; D) p.529-532: dedication by Agricola to Moritz of Saxonia dated Chemnitz, 8. Cal. Nov., 1545; p.533-566: De natura eorum quae effluunt ex terra libri 4, ending with a list of authors quoted; E) p.567-568: dedication by Agricola to Moritz of Saxonia dated Chemnitz Id. Febr., 1546; p.569-664: De natura fossilium libri 10, ending with list of authors quoted; F) p.665-666: dedication to Moritz of Saxonia dated Non. March, 1546; p.667-678: De veteribus et novis metallis libri 2; G) p.679: letter of Erasmus to Andreas and Christoph von CONRITZ, dated Freiburg, 12. Cal. March, 1529; p.680-681: letter of Peter PLATEANUS, rector at Zwickau, to Heinrich von CONRITZ, superintendent of Joachimsthal, without date; p.682-701: Bermannus, sive de re metallica; H) p.702: letter of introduction by Agricola to Wolfgang MEURER, dated Chemnitz, 12. Cal. Apr., 1546; continued on p.702 to 708: Rerum ... nomina (or Rerum metallicarum interpretatio), an alphabetical list made by Agricola himself.

3. part: I) α1v-β3r: Rei metallicae nomenclatura (prima), words in the order as they occur in the books of De re metallica;

K) $\beta_{3v}-\gamma_{2v}$: *Nomenclatura secunda*, an alphabetical list of words in *De re metallica*; L) $\gamma_{3v}-\epsilon_{1v}$: subject index to *De re metallica*; M) ϵ_{2v} : catalog of the mine works mentioned in *De re metallica*; N) $\xi_{1v}-\epsilon_{3v}$: Greek-Latin-German dictionary of animals in *De animalibus subterraneis*; O) $\xi_{2v}-\xi_{3v}$: subject index to *De animalibus subterraneis*; P) $\eta_{1v}-\delta_{3v}$: subject index to all other works (i. e., C-G); Q) $\delta_{2v}-\epsilon_{1v}$: geographical index to all other works (i. e., C-G).

¶None of the woodcuts is of medical interest; they represent the search for metals (divining rod represented), the geological formations of ores, scenes of mining, construction of mines, instruments for measuring or for mining operations, furnaces, apparatus for removal of water, for ventilation, for separation of metals from ores, manufacture of salt, etc.

¶The 1. part is a reimpression of the 1561 ed. of the *De re metallica*. The volume is not nice, but the most complete for Agricola's works.—£ 3/15 (1931); £ 1/10 (1933).

.6 Freiberg, Craz & Gerlach, 1806-12. 8°

Copy: BM; München; Breslau; Paris; Wien; N. York Pub. Libr.; Lehigh Univ.

German transl. and notes by Ernst LEHMANN of Op. 14, 12, 7, and 20; 4 parts in 5 volumes; main title reads: "Georg Agricola's mineralogische Schriften". Contents: 1. Von den Entstehungsursachen der unterirdischen Körper und Erscheinungen; XXIV, 424p.; 1806; 2. Von den Eigenschaften der Körper, die aus dem Innern der Erde auf die Oberfläche hervordringen; XXXVI, 260p.; 1807; 3. Oryktognosie; 2 vol. XVI, 342p.; X, 335p.; 1809-1810; 4. Geschichte der Metalle; VIII, 144p.; 1812.

¶Nonexistent edition of selected works: (a) Basel, 1555; (b) Basel, 1607; mistake of 1657.

167 Op. 1: *De animalibus subterraneis*.

Written in 1548; based chiefly on Aristoteles, Galenus, and other old authorities; describes the animals which live below ground either temporarily or permanently in caves, underground rivers, or even in man-made stables; the demons are also mentioned as well as the underground dwarfs. A short and rather superstitious treatise.

Text begins: "Corpus subterraneum, ut res ipsa demonstrat ... (ends) metallici non deterrentur a laboribus, sed omnem inde capientes alacriori animo sunt & vehementius laborant."

.1 Basel, Froben & Bischof, Aug. 1549.

Copy: BM; Paris; John Crerar; NY AcadM; Berlin; Wien; U. S. Dep. Agric.

8°; 79p. (26)p.; sigs a-g8. Contains also: *Animantium nomina*.

.2 Basel, Froben & Bischof, 1556.

Published as 2. piece in his Op. 18, p.479-502.

.3 *Basel, Froben & Bischof, 1561.

Published as 2. piece in his Op. 18: p.478-502; also the *Animantium nomina* p. on Bb_{2r}-Bb_{3r}.

.4 Basel, Froben & Bischof, Aug. 1563.

Published in the Italian Transl. of his Op. 18: p.513-542.

.5 Wittenberg, Zacharias Schürer, 1614.

Copy: Berlin; Göttingen; Greifswald; BM; Paris; Harvard.

Latin text ed. by Johann SIGFRID; a supplement to the 1612 Op. omn. edition to make that edition more complete; 12°; 80p.

.6 Basel, Ludwig König, 1621.

Published in his Op. 18: p.479-502.

.7 *Basel, Emanuel König, 1657.

Published in the Op. omn.: p.478-492.
Nonexistent editions: (a) Basel, 1548; date of dedication; (b) Schweinfurt, 1607; (c) Leipzig, 1613.

168 Op. 2: *Appellationes quadrupedum, insectorum, voluerium, piscium*.

.1 Wittenberg (publisher?) 1563.

Ref.: Graesse.

Certainly this must be the short dictionary of animals belonging to Op. 1 and called *Animantium nomina*; it begins: "Gradientium. Alce elch / elend", and ends: "Daemonum. Daemon subterraneus truculentus, bergteufel mitis, bergmenlein / kobel / gittel". Yet, there was no 1563 ed. of Op. 1, except the Italian translation.

169 Op. 3: *Bermannus, sive de re metallica*.

The work has been written in 1528 based upon personal observations and on knowledge acquired from Bartholomäus BACH and Lorenz BERMANN, experts in mining and friends of the author. It is in the form of a dialog between Nicolaus ANCON and Johann NAEVIUS, two physicians. Naevis was town physician at Annaberg and Joachimsthal. It is chiefly a mineralogical work, but there are references to the therapeutical use of minerals.

Text begins: "Cum saepenumero mecum ipse reputo res", and ends: "Jam vero valete. NAE. Et tu Bermanne multum vale." Do not confuse with Op. 18.

.1 Basel, Froben, 1530.

Copy: BM; Paris; Berlin; München; Wien; Rutgers Univ. 8°; 135p. Edited by Erasmus. Title: "Georgii / Agricolae medici / Bermannus, sive / De re metallica"; p.131-135: P. Plateanus: *Rerum metallicarum appellationes*.

.2 Paris, II. Gormont, 1541.

Copy: BM; Paris; Königsberg; Osler; Libr. Congr. 8°; 108p.; 165mm (volume); also the dictionary of Plateanus.

.3 Basel, Froben & Bischof, 1546.

Published in the Op. omn. (q. v.)

.4 Leipzig, Valentin Papa, 1546.

Copy: Wien; Breslau; Königsberg; Basel; N. York Pub. Libr.

Called a revised edition; ed. by the author. 8° (or 24°?) 93p.

.5 Venezia, M. Tramezzino, 1550.

Published in the Italian Op. omn. (q. v.)

.6 Basel, Froben & Bischof, 1558.

Publ. in Op. omn.; not a German translation.

.7 Wittenberg, Z. Schürer, 1612.

Publ. in Op. omn.

.8 *Basel, E. König, 1657.

Publ. in Op. omn.

.9 Rotenburg, Harnstädt, 1778.

Ref.: Darmstädter.

Copy: BM; Halle Univ.

German translation by J. G. Stör: "Gespräch vom Bergwesen"; 8°; 180p.

.10 Freiberg, Craz & Gerlach, 1806.

Copy: Paris; BM; Berlin; Wien; München; Michigan Univ.

German transl. and notes by Friedr. Aug. Schmid: "Bermannus eine Einleitung in die metallurgischen Schriften"; with life of Agricola; 8°; VIII, 260p.

Nonexistent editions: (a) Basel, 1528; (b) Basel, 1549, mentioned by Linden; (c) Genève, 1561; also editions of the *De re metallica* (Op. 18) confused with the Bermannus.

170 Op. 4: *Ad ea quae A. Alcinius denuo disputavit de mensuris et ponderibus brevis defensio*.

Agricola's work on weights and measures has been published in 1533 (see Op. 10); it was criticized by ALCIATI (q. v.). The present work is a defense.

.1 Basel, Froben & Bischof, 1550.

Published in his Op. 10.

171 Op. 5: *Epistola ad Plateanum*.

The letter contains also a few corrections of the author's work on weights and measures (Op. 10)

.1 Basel, Froben, 1534.

Copy: Dresden.

The letter is also found in later editions of Op. 10.

172 Op. 6: *De externis mensuris et ponderibus*.

Description of Greek, Persian, Egyptian, Syrian, Hebrew, and Arabic weights and measures. Two books.

.1 Basel, Froben & Bischof, 1550.

Published in his Op. 10.

173 Op. 7: *De fossilium natura*.

Written 1545, and dedicated to Moritz of Saxonia. Description of minerals (fossile) and stones, consisting of 10 books; a sort of handbook of mineralogy with a few references to the therapeutic use of minerals and salts.

Text: "Res fossiles inter se multum differunt ... (ends) ... & quia homines navi & industria per se ipsi hoc facere possunt."

.1 Basel, Froben & Bischof, 1546.

Published in the Op. omn.

.2 Venezia, M. Tramezzino, 1550.

Italian transl. publ. in the Op. omn.

.3 Basel, Froben & Bischof, 1558.

Published in the Op. omn.

.4 Wittenberg, Z. Schürer, 1612.

Published in the Op. omn.

.5 *Basel, E. König, 1657.

Published in his Op. omn.

.6 Freiberg, Craz & Gerlach, 1809-10.

Published as part 3 of his Op. omn. mineralogica under the title: *Oryktognosie*.

174 Op. 8: (co-editor) GALEN: *Opera omnia* (Greek)

His work in editing the Greek Galen is acknowledged by Andrea ASOLANO (q. v.) in the preface to vol. 5 written to Giambattista OPIZ with the words: "sed nec Georgius Agricola non parvam laudem est meritus, nam et ipse in emendando Galeno nihil sibi ad industriam et laborem reliqui facit ..." (see on f.*r, at end of preface of vol. 5)

.1 *Venezia, Aldo & Andrea Socer, 1525.

Copy: SGL.

For description of volume see ASOLANO. Agricola is men-

tioned also as the author of a commentary to Galen's *Ars medicinalis* (Basel, 1541), which could not be verified.

175 Op. 9: Interpretatio Germanica vocum rei metallica.

Syn.: *Rerum metallicarum interpretatio; Rerum nomina.*

Written 1546, as a supplement of his Op. 18, with which it is usually published. It is preceded by an introductory letter to Wolfgang MEURER.

Text: "Achates Achat / Acidula Saurling oder saurbron/ ... (ends) ... Vitrum quo tingitur aurum rubro colore Ritzkle".

Another dictionary to the Bermannus (op. 3) has been prepared by Peter Plateanus. For editions of Op. 9 see Op. 18 and the Op. omn.

176 Op. 10: De mensuris et ponderibus.

Written in 1532-33, and dedicated to Prince Johann Friedrich and Duke Johann of Saxonia; based partly upon previous publications of G. BUDE (q. v.) and PORZIO (q. v.); it consists of 5 books: 1. De mensuris Romanis; 2. de mensuris Graecis; 3. de rerum quas metimur pondere; 4. de ponderibus Romanis; 5. de ponderibus Graecis.

1. Basel, H. Froben & N. Bischof, Aug. 1533.

Copy: BM; Univ. Paris; Hunterian; Wien; Berlin, etc.; U. S. Geol. Survey; N. York Pub. Libr.

8°; (4)f. 292p. (2)f.; print. device on tp. Less complete than the later editions.—40RM (1931); 150 lire (1932); 300 fr (1938)

2 *Paris, Chr. Wechel, 1533.

SGL:151887

Copy: Berlin; München; Paris; BM; Osler; SGL; Harvard.

261p.; 1p. blank; (4)f. for index with sig. R₁-R₇; R₈ and R₇ blank; Italian; text 120 x 70 mm; few Greek sentences; tp.: "Georgii Agricolae medici libri / quinque de Mensuris & Ponderibus, in quibus pleraque a Budaeo &/ etc.; the tp. calls this the first edition; print. device 50 x 30 on tp.; p.(2) blank; p.3-7: dedication: "Cogitanti mihi nuper ..." dated Chemnitz, 3. Non. Martii, 1533; p.(8) contents; p.9-74: book 1; p.75-143: book 2; p.144-187: book 4; p.188-261: book 5; p.(262) blank; R₈-R₉: Index in double columns; R₈ and R₇ blank.—Library's copy bound in vellum; contains also the work of ALLAXINUS (q. v.) Rs (probably with printer's device) is missing.—£2-15 (1938).

3 Venezia, J. A. de Nicolinis de Sabio for Melchior Sessa, July 1535.

Copy: BM; Faeenza; Wien; Crummer Collect.; Coll. Phys. Phila.; Boston Pub. Libr.

8°; 116 fol. plus index; Latin ed. of the 5 books; print. dev. on tp. and at end.—£2-12-6 (1936).

4 Basel, Froben & Bischof, March 1550.

Copy: Berlin; Wien; Paris; BM; NYAcadM.; Libr. Congr.; Minnesota Univ.

Copy: Berlin; Wien; Paris; BM; NYAcadM.

Fol.; (4)f.340p. (8)f.1; beside the main work it contains also Op. 6, 4, 11, 19, 16.—50 Sw. fr (1926); £2 (1935)

5 Lyon, J. de Tournes, 1552. SGL:38649

Copy: BM; Paris; SGL.

This is not Agricola's work; only its Epitome made by G. PHILANDER: "Epitome in omnes Georgii Agricolae de mensuris et ponderibus libros." 53p. plus (11)p.; Roman text 90 x 50 mm; print. dev. on tp.; p.(2) blank; p.3: letter to Philander apparently by the Printer, dated Rouverge (=Rhutenis), Id. Martii 1551. Since the edition is called "revised" on the tp., there may be also an ed. of 1551.—Repeatedly printed also in VITRUVIUS: De architectura (1552; 1586; 1825).—Library's copy bound to A. SORBIN: De monstris (Par., 1570)—\$22 (1940).

6 Venezia (publisher) 1635. 8°

Copy: ?

7 Wittenberg (publisher) 1714.

Copy: ?

Nonexistent editions: (a) Basel, 1532; (b) Venezia, 1533; this is probably a mistake for Venezia, 1535; a copy of a 1533 Venezia ed. is listed by BM, and referred to by Darmstädter.

177 Op. 11: De mensuris quibus intervalla metimur.

On Greek and Roman measures of length.

1. Basel, Froben & Bischof, 1550.

Published in his Op. 10.

178 Op. 12: De natura eorum quae effluunt ex terra.

Written in 1544 and 1545; dedicated to Moritz of Saxonia, description of all liquid substances issuing from the ground: petrol, waters, mineral waters; it is also an important description of bathing places. Four books.

Text: "Ortuum et causa rerum quae terra intra se gignit ... (ends) ... Typhonem gigantem fulmine ictum, sub his locis humatum jacere."

1. Basel, Froben & Bischof, 1546.

In the Op. omn.

2 Venezia, M. Tramezzino, 1550.

In the Op. Omn.; Italian transl.

3 *Venezia, Junta, 1553.

SGL:

Copy: SGL; BM.

On f.273-288 of the collected works De Balneis; it is a much abbreviated edition in double columns, with a bad schematic drawing (woodcut) on f.287.

4 Basel, Froben & Bischof, 1558.

In the Op. omn.

5 Wittenberg, Z. Schürer, 1612.

In the Op. omn.

6 *Basel, E. König, 1657.

In the Op. omn.

7 Freiberg, Craz & Gerlach, 1807.

In the Op. omn. as part 2 in German translation.

179 Op. 13: Oratio de bello Turcis inferendo.

Originally a Latin oration, which was, however, first published in the German translation made by the author's friend, Lorenz Bermann (or Wermann); addressed to Ferdinand I. Emperor of the Holy Roman Empire, and King of Hungary.

1 Nürnberg, F. Peypus (1531)

Copy: Berlin; München; Wien.

Transl. by L. Bernmann; sigs a-e.

2 (Dresden) (Printer) 1531.

Copy: Berlin; München; Breslau.

"Oration/ Anrede vnd vormanunge, zu denen ..." etc.; sigs A-F.

3 Basel, Froben, 1538.

Copy: BM; Paris; Berlin; München; Wien; Harvard.

Latin text; 4°; (30)p.; edited by Georg FABRICIUS.

4 Leipzig (publisher) 1546. 8°

Copy: ? (probably nonexistent; mistake for 1596).

5 Leipzig, H. Gross, 1594.

Copy: Berlin; München; Paris; Harvard.

Latin; ed. by J. Rosin, with other orations of the same character; 8°; 219p. Agricola's oration is on p.20-66.

6 Leipzig (publisher) 1596.

Copy: BM.

In N. REUSNER: Select. orat. de bello Turcico, v.1, No. 15. p.160.

7 Frankfurt (publisher) 1597.

Copy: ?

8 Eisleben, (publisher) 1603.

Copy: ?

Doubtful; the 1528 ed. mentioned by H. Hoover does not exist.

180 Op. 14: De ortu et causis subterraneorum.

Written in 1545; description of the development and the location of minerals, mineral waters, springs; a sort of dynamic geology; effect of waters, volcanic eruptions, earthquakes, etc. Five books.

Text: "Quia naturas eorum, quae intra terram gignuntur ... (ends) ... frigus densat: tum enim metallum, vel humor concretus ad lapides adhaerescit."

1. Basel, Froben & Bischof, 1546.

In the Op. omn.

2 Venezia, M. Tramezzino, 1550.

Italian transl. in the Op. omn.

3 Basel, Froben & Bischof, 1558.

In the Op. omn.

4 Wittenberg, Z. Schürer, 1612.

In the Op. omn.

5 Basel, E. König, 1657.

In the Op. omn.

6 Freiberg, Craz & Gerlach, 1806.

Publ. as part 1 of the German translation of the mineralogical works.

Nonexistent editions: (a) Venez., 1553 as part of the balneological collection; (b) Basel, 1553; (c) Venezia, 1559; (d) Basel, 1599; (e) Wittenberg, 1614; (f) Basel, 1665; part of the erroneous quotations were made because this work has been confused with Op. 12.

181 Op. 15: De peste.

The only truly medical work of Agricola. It has been written in 1554, and is dedicated to Hieronymus KISWETTER, jurist and chancellor of the Duke of Saxonia. Three books describe the causes, course, and treatment of the epidemic "pestis", which, according to Agricola, is a contagious disease. The work is based chiefly on old Greek, Latin and Arab authorities.

Text: "De lue illa gravissima & violentissima ... (ends) ... de peste scripserunt, intelligenda sunt, alias explicabo."

- .1 *Basel, H. Froben & N. Bischof, 1554.
SGL:18847
 Copy: BM; Paris; München; Wien; Hunterian; Welch Libr.; Coll. Phys. Phila.; SGL; Minnesota Univ.; Libr. Congr. 161p. (15p.); the unnumbered pages have the sigs 1-16; Roman; index Italic; text 120 x 70 mm; tp: "Georgii / Agricolae / de peste libri / tres." Print. device on tp.; p.(2) blank; p.3-6; preface to H. Kiswetter: "Cum mortales, vir praeclare ..."; p.7-161: text; p.(162): Agricola to the reader: "Latinos scriptores, lector candide" ...; f.12a-f.11v: index; f.14: printer's errors and imprint; f.15v: device of Froben.—Bd. leather g. e.
- .2 Schweinfurt, Casp. Kemlin, 1607.
 Copy: Paris; Berlin; München; Breslau; BM.
 8°; 169p. Ed. with marginal notes by Leonard BAUSCH.
- .3 Giessen, Casp. Kemlin, 1611.
 Copy: BM; Breslau.
 Reprint of the 2. edition.
 Nonexistent: (a) Schweinfurt, 1605.

182 Op. 16: De pretio metallorum et monetis.
 Discussion of the natural value of metals, with historical retrospect to the price of gold and silver in antiquity, development of the monetary system, the weight of coins, alloys, etc. Three books.

- .1 Basel, Froben & Bischof, 1550.
 Published in his Op. 10.
- 183 Op. 17: De prima ac simplici institutione grammatica.**
 His first work written at the time when he was schoolmaster at Zwickau.
- .1 Leipzig, Melchior Lotter, 1520.
 Copy: Berlin; München; Yale Univ.
 4°; (24)f.; sigs. A-F4; "Libellus de prima ..." etc.; a rather rare small pamphlet.

184 Op. 18: De re metallica.
 Syn.: Bergwerksbuch; Vom Bergwesen; not to be confused with his De re metallica dialogus or Bermannus.
 Written in 1550, but published after his death. Twelve books on mining and metallurgy without any medical reference. It is a work calling for many illustrations, and it is told that the author spent a fortune for paying the artists such as Basilius WEHRING, and Rudolf Manuel DEUTSCH.
 Text: "Multi habent hanc opinionem, rem metallicam fortuitum quiddam esse, ... (ends) ... de causis Andrean Nangerium in aedibus, quas ibi habebat, una cum Francisco Asulanum convenirem."

- .1 Basel, H. Froben & N. Bischof, 1556.
 Copy: BM; Hunterian; Wien; Berlin; München; Paris; Osler; Harvard; Michigan Univ.; N. York Pub. Libr.; Engin. Soc. N. Y.; Lehigh Univ.; Princeton; Libr. Congr.
 Fol.; (6)f. 502p. (37)f.; printer's dev. on tp. & end; 2 plates and 269 cuts in text; contains also Op. 1.—51RM(1930); £16 (1933); £3-5 (1934); \$150 (1941).
- .2 Basel, J. Froben & N. Bischof, 1557.
 Copy: Berlin; München; Wien; BM; Sutro Libr.; John Crerar; Princeton; Lehigh Univ.; Amer. Philos. Soc.; Boston Pub. Libr.; Wisconsin Univ.
 German transl. by Philip BECK (q. v.): "Vom Bergwerck XII Bücher".—(6)p. 491p. (8)p.; collations of other copies: 4ff. 489p. (5ff.); also (8)p. 491p. (12)p.; 270 cuts.—71RM (1930); 96RM (1933); £14-14 (1934); 350 Sw. fr (1939).

.3 *Basel, H. Froben & N. Bischof, March 1561.
SGL:312451
 Copy: Berlin; Breslau; München; Wien; Paris; Welch Libr.; NYAcadM; SGL; Engin. Soc. N. Y.; Franklin Inst.; Princeton; Williams College.
 Second Latin edition, with Op. 1 at the end; α⁶, 502p. T₆V⁶—Z⁶Aa—Bb⁶; Roman, with Greek and Gothic in indices; text 245 x 150 mm; 276 cuts, some of them signed RMD (Rudolf Manuel DEUTSCH); historiated initials; Froben's device on tp. and at end;
 TP.: "Georgii Agricolae / De re metallica libri XX, qui- / bus officia, instrumenta, machinae ... (etc.); Tpv: blank; 2-3v: author's dedication to Moritz of Saxonia dated Chemnitz, Dec. 1, 1550; 4-5v: poem of Georg FABRICIUS; f. 6 blank; p.1-502: text; T₆e—Bb₁v: two dictionaries and one index as I, K, L in the 1657 Op. omn. (q. v.); Bb₂—Bb₅v: names of animals and index to Op. 1 as in 1637 ed. N and O; Bb₆v: colophon; Bb₆v: Froben's device.—Libr. copy bd in leather with heraldic stamp on cover.—85RM (1930); £ 2 (1932); £ 11 (1935); 215RM (1938).

.4 Basel, H. Froben & N. Bischof, 1563.
 Copy: BM; John Crerar; Libr. Congr.; Michigan Coll. Mining.
 Ital. translation by M. Michelangelo FLORIO, of Firenze; contains also translation of Op. 1. Fol.; (6)f. 542p. (5)f. 1 f. blank. The same cuts as before. £ 2-2 (1932); L5-5 (1934); 180 pengő (1940).

.5 Frankfurt, Peter Schmidt for S. Feyerabend, 1580.
 Copy: Berlin; München; Breslau; Wien; Paris; U. S. Geol. Survey.

German transl. of P. BECK: "Bereckwerck Buch". (4)f. 492p. (4)f. (last blank). Tp. in red & black.—The same woodcuts (270 cuts and one plate).—35 Austr. sh (1930); 135 RM (1933); \$95 (1941).

.6 Basel, L. König, 1621.
 Copy: Berlin; München; Wien; BM; Bowdoin Coll.; Franklin Inst.; Michigan Univ.
 German of P. BECK. Fol.; (7)p. 491p. (5)p.; tp. red & black; woodcuts.—68 RM (1931); £ 5-10 (1935).

.7 Basel, L. König, 1621.
 Copy: Berlin; München; Paris; Sutro Libr.; Yale.
 Latin edition; fol.; 538p. (of which 502p. are text); contains also the cuts and Op. 1. A rather shabby edition.—95 RM (1930); £ 5-15-6 (1934)

.8 *Basel, E. König, 1657.
 In his Op. omn. (q. v.)

.9 London, The Mining Magazine, 1912.
 Copy: Coll. Phys. Phila.; John Crerar; NYAcadM; Osler; Welch Libr.; Libr. Congr., etc.

Transl. from Latin into English by Herbert Hoover (later president of the United States) and his wife, Lou Henry Hoover; with notes; fol.; XXXI, 640p. £ 13-10 (1930); £ 9-10 (1931); \$32.50 (1933); \$30 (1935); £ 7-7 (1940); with reproduction of cuts.

.10 Berlin, Agricola Gesellschaft, 1928.
 Copy: Berlin; München; NYAcadM; Libr. Congr.
 German transl. by Carl SCHIEFFNER: "Zwölf Bücher vom Berg- und Hüttenwesen"; xxii, 564p.
 Nonexistent eds: (a) Schweinfurt, 1607; (b) Wittenberg, 1614; (c) 1661; (d) Schweinfurt, 1687. The Pennsylvania Univ. Libr. lists a copy printed at Meissen in 1551; doubtful.

185 Op. 19: De restituendis ponderibus atque mensuris.
 With reference to medical weights.

.1 Basel, Froben & Bischof, 1550.
 Publ. in his Op. 10.

186 Op. 20: De veteribus et novis metallis.
 Dedicated to Moritz of Saxonia; two books on the history and nomenclature of metals, partly mythological data. Written 1546.
 Texts: "Multa sunt a me in libris ... (ends) ... idem Plinius non explicavit."

.1 Basel, Froben & Bischof, 1546.
 In his Op. omn.

.2 Venezia, M. Tramezzino, 1550.
 Italian transl. publ. in his Op. omn.
 For further editions see editions of Op. omn.
 Manuscripts: 1. Deum non esse auctorem peccati; written July 23, 1522 in a letter to Gregor Copp; 2. another theological discussion in a letter to Peter Fontinus, Franciscan pater.

The following are not the works of Georg Agricola:
 1. **Dominatores Saxonici a prima origine ad hanc aetatem.** Freiburg, Hoffmann, 1611.—28f.
 2. **Lapis philosophicus** (or Gálcerazaya); a theological work with this symbolical title, written by Daniel AGRICOLA under the pseudonym: Agricola Philopistius; a 1531 and 1534 Köln edition is mentioned by Linden; but no edition is known before 1580.
 3. **Rechter Gebrauch d'Alchimei.** Frankfurt, C. Egenolf, (1531) 27f. and repeatedly; contains chemical receipts for everyday wants; not an alchemy; see KERTZENMACHER, who is given full credit for the work.

AGRICOLA, Georg, fl. 1573.
 A physician of Nürnberg; nothing is known of his life. His only publication was the following:

187 Op.: Epithalamium scriptum in secundum nuptiarum honorem ... Domini J. G. Gleissenthal (etc.)

.1 Nürnberg, I. Koler, 1573. 4°
 Copy: BM.

AGRICOLA, Johann, fl. 1540.
 Syn.: Agricola Ammonius or Hammonius; Peurle; Paürle; in 1533, calls himself Peurlin. Do not confuse with Johann AGRICOLA, editor of the Jesuit letters: "Epistolae Indicae"; or with Johann AGRICOLA Islebius, or with the 17. ct. physician Johann Agricola (died 1643).
 B. at Gunzenhausen, a small Bavarian village, SE from Ansbach, at the end of the 15. century; 1506, immatriculated at the Univ. of Ingolstadt (in 1496 he was not a professor there); but soon left the city, and travelled in Europe "omnes circumlustrans mundi plagas"; he became an expert linguist, and, returning to Ingolstadt in 1515, he became professor of

Greek; at the same time, he began his medical studies, and graduated MD at that university in 1528; from 1530 on, professor of Greek and medicine at Ingolstadt; in 1530, he finished his Op. 7 (publ. 9 years later), and became the friend of many scholars and noblemen (Erasmus, Anton FUGGER); 1533, at the time of the plague in Augsburg, he wrote his Op. 5; in the following years, he lectured on the works of Galen, Hippocrates, Dioscorides, and edited several Galenic works, one of Hippocrates, and the pharmacology of Nicolaus Myrepsus; he probably died before 1555, at Ingolstadt, and not in 1570 as mentioned by others (Gessner's bibliography puts him definitely in the first half of the 16. century).

For biography see also Mederer (Annales Academiae Ingolstadtensis) and Grienwaldt, F. J. Album Bavariae iatricae (Münch., 1733).

188 Op. 1: (editor) GALEN. Ars medicinalis.

.1 Basel, Barth. Westhemer, 1541.

Copy: BM; Paris; Hunterian;

Contains Greek text and the Latin translation of the *τὰ ἐν τῇ ἀρχῇ* by LEONICENO and MANARDO; also the commentaries of Agricola. Also Hippokrates: De specie, acie, visu et opus oculorum.

189 Op. 2: (commentaries) GALEN. De inequali intemperie.

.1 Basel, Westhemer, 1539.

Copy: BM; Paris; NYAcadM;

8°; transl. by Thomas LINACER; "Liber aureus de inequali intemperie"; beside Agricola's commentaries, it contains also his Op. 10, 12, 13 and 11; also the Oath and the Law of Hippocrates, and the Epicedion by H. LEONBERGER.

190 Op. 3: (commentaries) GALEN. De locis affectis.

.1 Nürnberg, J. Petri, 1537.

Copy: Berlin; München; Wien; BM; Paris; Coll. Phys. Phila.

4°; 127f.

.2 Nürnberg (publisher) 1658.

Ref.: Dezeimeris.

This edition as well as the 1538 Nürnberg ed. referred to by Linden is probably nonexistent.

191 Op. 4: Scholia copiosa in Therapeuticam Methodum, id est, absolutissimam C. Galeni Pergameni curandi artem.

It may be called the chief work of the author; arranged according to the chapters of Galen's 14 books, with the first lines of the Galenic chapters used as headings of the chapters of the scholia. Written in 1532 and 1533. The scholia proper are preceded by a few introductory remarks on the work of Galen; contains many interesting original observations.

Text of scholia: "Libri I. Scholia in caput primum libri primi therapeuticae methodi Galeni. De ambitiosis Salutationibus Romanensium hominum extant versiculi Marcialis ... (ends) ... Lumbriorum discrimina ne quid ociosi apponamus, discurito cap. 12 libri huius Decimi quarti."

.1 *Augsburg, P. Ulhard, March 15, 1534.

SGL:47183

Copy: Berlin; München; Wien; BM; Paris; Boston ML; SGL;

304f.; sigs A-Z^a-p³; Italics; chapter headings in Roman; few geometrical diagrams in Book 1; few initials with skeletons; text 110 x 70mm; contents: f. A₁: title: "Scholia Co / piosa in Therapeuticam Me- / rthodum" ... etc.; f. A_{1v}: heraldic design; f. A₂-A_{1r}: letter of ERASMUS to the author dated Freiburg i. B., May 2, 1533; f. A_{2r}-A_{4r}: poems by J. A. BRASSICANUS, Bart. AMANTIUS, Wolfgang ANEMOECIUS, M. T. ALPINUS, Simon LEMNIUS; f. A_{4v}-B_{1r}: author's dedication to Leonard von ECK; "Aesculapius, quem Iovis filium existimavit antiquitas ...", dated Ingolstadt, Sept. 1, 1533; f. B_{1r}-B_{2v}: letter of Gereon SCHOENOPAEUS to Ambrosius JUNG dated Augsburg, 9. Cal. Febr., 1534; f. B_{2v}-B_{4r}: life of Galen by Giovanni Manardo; f. B_{4v}-B_{6v}: preface to the reader; f. B_{6v}-B_{8r}: "Perioche decem et quatuor librorum Therapeuticae (!) Methodi Galeni"; f. B_{8r}-n_{1v}: text of scholia; f. n₂-n_{3v}: "Peroratio. Posteaquam abunde multa pro interpretatione ... (ends) ... Cumque cubile petit, cumque aureus exoritur sol. CHRISTO GLORIA."; f. n₄-p_{1r}: index; f. p_{1r}-p_{1v}: poem of Johannes PINICIANUS to Wolfgang OEFFELIN, physician; f. p_{1r}: the printer's words to the reader, with errata and imprint; f. p_{1v}: blank—Libr. copy bd in contemporary stamped leather; previous owner: Michael Zoller; manuscript glossae (16. ct.)

192 Op. 5: Von den Ursachen, Zeichen, Vorsehung und Heilung der greulichen Pestilenz.

Written in 1533, and dedicated to Oswald von ECK; consisting of two books, the first in 17, the other in 15 chapters; describes the causes, signs, and prevention of plague by dietetic and hygienic measures, the disposition to plague; the 2. Book discusses the treatment of the disease: bloodletting, sweating, purgation, diet, surgery. Chapter 12 of Book 2 deals with smallpox; Cap. 13 on intestinal worms; Cap. 14 on fainting, somnolence; Cap. 15 contains advice for the protection of servants attending their sick master.

Text: "Ain kurtze Vorrede. Mir gefallet der loblich gebrauch ... (etc.) Von dreyen ursachen der Pestilenz. Das Erst Capitel. Anfenglich ist zu wissen ... (ends) ... bisz das sich die widerumb inn jr Schlangen grub thon pergen Plinius lib. 16. cap. 13."

.1 *Augsburg, Philip Ulhart (1533)

SGL:69366

Copy: Berlin; München; Breslau; Boston ML; SGL.

(2)f. 21f. (1)f.; sigs A-F¹; Gothic; text 155 x 115mm; on tp. coats-of-arms of the ECK family; (A₁): title: "Ain grüntlicher fleis- / siger ausszug, ausz allen bewerten Kriechischen un / Lateinischen lerern, dermassen biszher noch nye beschien, Von / ursachen, zeichen, fürsehung, und haylung der greulichen / Pestilenz," ... (etc.); f. (A_{1v}): blank; f. A₂: dedication to Oswald von ECK, dated Ingolstadt, March 10, 1533; the author calls himself "Johan. Pewrlin der Artzney Doctor", while on the tp. he is "Doct. Johan. Agricola der Artzney und Kriechischen sprach leszer zu Ingolstat"; f. 1-r.21: text; f. 21v - (F₁): register; f. F_{1v}: blank.—Very rare.

193 Op. 6: (editor) HIPPOKRATES. Aphorismorum et sententiarum medicarum libri septem.

Dedicated to Bishop Philip of Freising.

.1 (Ingolstadt, Alex Weissenhorn) 1537.

Copy: BM; Paris.

4°; 199p. (6)f.; contains also the books of Epidemias or Hippokrates in the translation of L. FUCHS; also G. LEONBERGER: Circumziae regionis descriptio.—375 RM (1930).

194 Op. 7: Medicinae herbariae libri duo.

Written in 1530; a pharmacobotanical dictionary explaining in alphabetical order the synonyms of medicinal plants, and their therapeutic uses; with many references to old and new authors.

Text: "ABSINTHIUM marinum, Santonicum, Centonica ... (etc.) (last item mentioned in 2. book is Zuecharum) ... si plurimarum virtutes non ignorarentur." The 1. book carries the running title: "Vulgarum herbarum nomenclaturae apud Dioscoriden et Galenum"; and the 2. book is titled: "De medicinis recens inventis" with a running title: "De recentibus simplicibus medicamentis".

.1 *Basel, B. Westhemer, Aug. 1539.

SGL:113938

Copy: Berlin; München; Wien; BM; Paris; Med. Lib. C. Kings; NYAcadM; SGL; Missouri Bot. Garden; N. York Pub. Libr.

(1)f. p.3 336; plus (32)f. under sig Y-Z^a Aa Bb³; chiefly Italic with preface, running titles, and leading words of dictionary in Roman; text 115 x 65 mm; contents:

P.(1): title: "Medicinae Her- / bariae Libri Duo. Quo- / rum Primus" ... (etc.); p.(2) blank; p.3-13: "Epistola nomenclatoria" to Anton FUGGER by the author, dated Ingolstadt, May 1, 1530; p.14-15: "Quae simplicia medicamenta a Sepalsariis nostri aevi usurpata"; p.16-231: Book 1; p.232-233: introduction to Book 2; p.234-336: text of Book 2; f.Y_{1r}-Aa_{3v}: Latin index; f.Aa_{3v}-Bb_{1v}: index of German words; f.Bb_{1v}-Bb_{7r}: HIPPOKRATES. De officio medici; f.Bb_{7r}: errata; f.Bb_{8r}: blank; f.Bb_{8v}: printer's device.

200 Op. 8: (editor) NICOLAUS MYRAEP-SUS. De compositione medicamentorum.

In editing the Latin translation of this work made by Nicolaus of Reggio the author used the manuscript found in the library of Adolph OCCO, physician at Augsburg. The original text is in 1065 chapters to which the editor affixed his shorter or longer annotations, which form about one third of the volume. Choulant's accusation that Agricola often confused Nicolaus Myraepus with Nicolaus Praepositus is not true.

Text of Nicolaus begins: "Saepe multumque fatigatus sum ..."; to which the annotation: "In hoc prologo statim ab initio palam facit ..."; text of Nicolaus ends with chapter 1065, the antidote of Zopyrus, to which the annotation ends: "... medicum Gordiensem appellat & Zopyrion prolixius quam aut Celsus aut Nicolaus depingit."

.1 *Ingolstadt, A. Weissenhorn, 1541.

SGL:74823

Copy: BM; Paris; SGL;

(272)f.; sigs aa-cc. A-Z, a-z, Aa-Ss all in 4's; text in Roman, annotations Italic; few initials; text (on S) 135 x 90 mm Roman; marginal print in Italic. Contents:

f.aa_{1r}: title: "Nicolaus Ale- xandri medici Graeci vetustissimi / liber de Compositione Medicamentorum secundum / loca" ... (etc.); f.aa_{1v}: blank; f.aa₂ bb_{2v}: dedication to the Bishop of Regensburg, dated Ingolstadt, Aug. 13, 1541; f.bb_{1v}-bb_{3r}: poems of M. T. Alpinus, and Stephanus Vighius (Pacimontanus); f.bb₂-cc_{1v}: "Paralipomena" by the editor; it is the explanation of certain difficult passages of the work of Nicolaus, variations of reading, etc.; f.cc₂-Qq_{1v}: text with annotations; f.Rr_{1r}-Ss_{1v}: two indices, the second for the difficult terms; f.Ss_{1v}: poem by Adolph Occo; f.Ss₁ (missing in Libr. copy); few manuscript notes.

.2 Venezia, (publisher) 1543.

Copy: Paris.

Ed. by Antonius Stupanus; 8°

.3 Venezia (publisher) 1560. 8°
Copy: Paris; NYAcadM;

.4 (place) (publisher) 1602. fol.
Ref.: Haller.

201 Op. 9: De praestantia corporis humani.

An inaugural oration held at the Ingolstadt University; of anatomical interest.

.1 Ingolstadt, (publisher) 1571. 8°
Copy:

Publ. in the *Orationes Ingolstadienses*.

202 Op. 10: Concordantiae in auctores praecipuos simplicium medicamentorum.

Concordance of Dioscorides, Galen, and Serapion.

.1 Basel, Westheimer, 1539.
Publ. in his Op. 2.

203 Op. 11: Epistola ad J. Gengerum.

The letter discusses various medical questions: (a) de una theriaca; (b) de parabolis; (c) de moderatione studiorum, etc.

.1 Basel, Westheimer, 1539.
Publ. in his Op. 2.

204 Op. 12: Index simplicium pharmacorum omnium a Dioscoride proditorum.

.1 Basel, Westheimer, 1539.
In his Op. 2.

205 Op. 13: Ad scholiastiga quendam enumerationis causarum.

Defense of his Op. 4; enumerates the motives of writing the scholia.

.1 Basel, Westheimer, 1539.
In his Op. 2.

AGRICOLA, Johann (Islebius), 1492–1566.
See Schnitter, Johann (of Eisleben)

AGRICOLA, Johann (Palatinus)
See among the 17. cent. authors.

AGRICOLA, Johann Georg, –1617.

B. in the 16. cent., probably at Amberg in Bavaria; he was town physician at Amberg already in 1603, which office he kept until his death. (Do not confuse with Johann Agricola (Palatinus))

206 Op.: Cervi exoriati et dissecti in medicina usus; das ist, Kurze Beschreibung (etc.)

Description of a deer, with references of its therapeutical use. There was no part of the deer which could not be used against internal or external ailments.

Text: "Von des Hirschen Natur und Eigenschaft. Dass desz Allmächtigen Gottes wunderbare Werck ... (ends) ... Aut tu Cervina per noctem in pelle quiesces."

.1 *Amberg, Michael Forster, 1603.

SGL:188427

Copy: München; Breslau; Bonn; Göttingen; SGL.

(16)f. 120p. (2)f.; sigs: (3/4); (4); (**) for the preliminary leaves, and Q² for the last two leaves; Gothic, with Roman and Italic passages; the main work is divided into 2 parts, the 1. part in 5, the 2. part in 21 chapters. Contents:

Tp. in historiated border showing Diana and Actaeon, deers, and scenes of deer hunting; title in red and black: "Cervi exoriati et dissecti in medicina usus." Das ist: Kurtze Beschreibung / welcher Gestalt ... (etc.); on verso of tp.: heraldic cut; f.(1)2r to f.(1)4v: preface and dedication to Georg Ludwig, Count of Leuchtenberg, dated Amberg, Febr. 4, 1603; f.(1)1r–f.(1)14v: poems by Zacharias Prugel, Heinrich Salmuth, Georg Renner, Christoph Donawer, Georg Federl von Pirck, Ludwig Schlach, and Heinrich Trigell; p.1–56: first part of work; p.57–119: second part; p.120: Appendix and a poem to Zoilus by M.H.T.P.; f.Q1r–Q2r: register; errata; f.Q2v blank.—Very rare.

.2 (Amberg, Forster) 1617.

Copy: BM; Paris; Berlin; München; Wien; Phila. Pub. Libr., etc.

Enlarged edition; 244p. "Cervi cum integri et vivi Natura et proprietates: tum exoriati, et dissecti in medicina usus. Das ist: Ausführliche Beschreibung" &c.

AGRICOLA, Johann Leonhard, 1568–1637.

See in list of 17. cent. authors.

AGRICOLA, Michael, –1557.

B. in the Nyland or Uumaa district of Finland; studied at the Univ. Wittenberg medicine, and theology; 1529, sent to King Gustav by Luther; 1539, rector at Åbo; later, went to Lapland to convert the pagans; 1554, becomes bishop of Åbo; died 1557.

He never practiced medicine officially; a missionary known chiefly by the translation of the New Testament into Finnish.

207 Op.: Suomenkielisen kirjallisuuden esi-koinen.

The New Testament in Finnish.

.1 Stockholm, A. Laurentsson, 1549.
Copy: Paris.

A 1548 edition is also mentioned. Facsimile edition in 1884; copy in Brit. Museum.

AGRICOLA, Rudolf, sen.

See Huisman, Roelof.

AGRICOLA, Rudolf, jun., –1521.

See Baumann, Rudolf.

AGRICOLA, Sixtus, fl. 1584.

Canon of the College of St. Nicolas; resided in Ingolstadt.

208 Op.: Erschröckliche gantz warhafftige Geschichte ... mit Apolonia.

Description of a woman obsessed by the devil.

.1 Ingolstadt, Eder, 1584.

Copy: Breslau; München.

49p.; "Erschröckliche gantz warhafftige Geschichte, welche sich mit Apolonia, Hannsen Geissbrechts Burgers zu Spalt inn dem Eystätter Bistumb Hauszfrauen, so den 20. Octobris A. 82 von dem bösen Feind gar hart besessen (etc.) Another ed. ibid., G. Witmer, 1587, 42p. Copy: Berlin, München.

AGRICOLA AMMONIUS.

See Agricola, Johann.

AGRICOLA ISLEBIUS, Rudolf.

See Huisman.

AGRICOLA RHETUS, Rudolf.

See Baumann, Rudolf.

(AGRICULTURE)

For collections of works on agriculture see *Res rustica*.

AGRIPPA, Camillo, fl. 1553–1598.

Mathematician and engineer, and writer on military sciences and navigation. B. Milano at an unknown date; nothing known of his education; about 1575, during the time of Pope Gregory XIII (1502–1585; pope 1572–), he came to Roma (not in 1535), and, in 1583, found means for moving the obelisk at the Piazza di San Pietro, which was a truly excellent achievement of engineering; active until 1598; date of death unknown.

209 Op. 1: Dialogo sopra la generatione de' venti (etc.)

Extremely rare work on winds, origin of sounds, thunder, rivers, lakes, valleys and mountains; a geophysical and geodynamical treatise. Whether anything on balneology and mineral waters?

.1 Roma, Bart. Bonfadino & T. Diani, 1584.

Copy: Berlin; BM; Paris.

4°; 47p.; the printer's name given incorrectly by Clement ("Bonefacio"); A supplement called *La Virtù*, containing the technical words, was issued in Roma, Stefano Paolini, 1598 (22p.; copy Berlin)

210 Op. 2: Modo da comporre il moto nella sfera.

.1 Roma, heirs of A. Blado, 1575.

Copy: Paris.

4°; (4)f.; extremely rare.—15 Sw. fr (1914).

211 Op. 3: Nuove inventioni ... sopra il modo d navigare.

.1 Roma, D. Gigliotti, 1595.

Copy: BM; Paris; N. York Pub. Libr.

4°; 4 p. l., 52p. (1); illust.; very rare.

212 Op. 4: Trattato di scientia d'arme.

On military science; illustrations of anatomical interest.

.1 Roma, Antonio Blado, 1553.

Copy: BM; Paris; München; Wien; Boston ML; Hispanic Soc.; Huntington; Harvard; Yale.

(4)f. 70f. (2)f. with last blank; Italie; 2 plates, 55 other cuts, initials, port. of author; the illustrations are in Mare Antonio's style (or Jan van der Straet?) the one on f.63v is attributed to Michel Angelo.—250 Sw. fr (1914); L3–5 (1934).

.2 Venezia, A. Pinargenti, 1568.

Copy: Wien; Paris; BM; Hispanie Soc.

Edited and illustrated by Giulio FONTANA, Veronese engraver; 4°; (4)f.111 f.; Roman; engraved tp.; 28 plates.—Very rare; 150 Sw. fr (1914)

.3 Venezia, Roberto Meglietti, 1604.

Copy: Paris; München; Wien; BM; Univ. Illinois.

4°; (4)f. 51 f.; Italie; frontispiece port. of author; 28 plates as in 2. ed.; very rare.—100 Sw. fr (1914).

AGRIPPA, Heinrich Cornelius, 1486–1535.

Syn.: called Agrippa probably because born in Köln (Colonia Agrippina); Agrippa also means "aegris pedibus", which indicates either illness of the feet or the condition of being born feet foremost; Cornelis or Cornelius; family name: von Nettesheim, Neyttesheim, Nettesheim, Nedtesheim after the village of Nettersheim, 25 miles SW of Köln. RABELAIS called (Colonia Agrippina); Agrippa means "aegris pedibus", which indicates either illness of the feet or the condition of being born feet foremost; Cornelis or Cornelius; family name: von Nettesheim, Neyttesheim, Nettesheim, Nedtesheim after the village of Nettersheim, 25 miles SW of Köln. RABELAIS called him "Herr Trippa"; his name is usually ornated with many titles; his father addresses him as "nobilis ac strenuus miles, utriusque iuris medicinarumque doctor, Senatus urbis Metensis a Consiliis primarius"; on the titlepage of the 1531 ed. of his *De vanitate* (etc.) called: "splendidissimae nobilitatis vir, armatae militiae Eques auratus, legum doctor, sacrae Caesaris Majestatis a Consiliis (etc.)." By later authors his name was often used as a pseudonym: e. g., by Emanuel WEBER, or in 1805 by J. F. K. ARNOLD, and others.



B. Sept. 14, 1486 (not 1487) at Köln (=Colonia Agrippina) of noble parentage; his family has been in the service of Austrian emperors for several generations; not much known of his early education; studied at Köln, and was interested in languages and supernatural powers; 1502, scribe in the court of Maximilian I; 1506, sent by the emperor to Paris as secret agent in the disguise of a student; at the Paris university he studied neoplatonic philosophy and magic, became friend of Biagio Cesare LANDOLFO, later professor of medicine at Pavia, Germain, a lawyer, Charles FOUCARD, Gaigny, and others, and founded a secret society of theosophists; much time spent in astrology, astronomy, and in the reading of old authors; Sept. 1506, Philip of Spain died, and Agrippa enters a plot with Juanetín Bascara of Gerona for turning over Catalonia to Maximilian; 1507–1508, travels in France, visits Köln; 1508, his Spanish adventure a failure, and he narrowly escaped on Aug. 14; travels again through Barcelona, the Balearic Islands, Sardinia, Napoli, reaching Avignon before Christmas; Jan. 1509, in Lyon, where he meets CHAMPIER; visits Dôle, a town in Burgundy, where the vivacious Princess Margaret of Austria is the mistress; in order to earn her patronage, Agrippa lectures and comments on REUCILIN'S *De verbo mirifico* in the school of Dôle after July 8, 1509, and begins to write his treatise upon the Nobility and Excellence of the Female Sex (Op. 16); married with Jane Louisa Tyssie, a girl of his age from Genève; becomes rector of the Dôle school, and writes his *Oecult Philosophy* (op. 17), which he submits to the Abbot of Tritenheim in 1510 for criticism, who approves it but warns him against publishing; meanwhile, Jean CATILINET, a Franciscan monk, accused him in his Lent sermons, preached before the princess in Gand, of being a heretic philosophist who tried to replace Christian priests and Christian doctrines by rabbis and the talmud; he lost the favor of the princess, and was discouraged from publishing Op. 16, and Op. 17; returns

to the service of Maximilian, who sends him with an embassy to the court of Henry VIII in late August 1510; at London he lodged with John COLET, Dean of St. Paul's, studied the Epistles of St. Paul, took part in the amusements of the court, and wrote his *Expostulatio* (Op. 10) against Catilinet.

At the end of 1510, returns to Maximilian, and visits his parents at Köln, delivering also a few quodlibetal divinity lectures at the Köln University; in the spring of 1511, he is at Trento, becomes acquainted with Bishop Georg Neideck, and escorts a gold shipment to Maximilian, who is fighting with the Venetians (says the author: "Caesareo iussu, atque ex officio meo miles, Caesarearegiaque castra secutus sum; dextera mea prona in sanguine, sinistra mea dividebat spolia, venter meus de praeda saturatus"); in the summer of 1511, the heretic Cardinal Bernardino CARVAJAL of Santa Croce calls him to attend the Council of Pisa, which was held Sept. 1, 1511; in Pisa, he lectures on Plato at the theological faculty of the university; excommunicated by the Pope, he returns to military life after Oct. 24, 1511; 1512, visits his friend, Bartolomeo ROSATI, at Lavizaro in April, but at the end of the month, he is again fighting with Maximilian in Upper Italy; in July, prisoner of the Swiss, but soon gains freedom, and goes to Milano; in November, tired of fighting as a soldier, he attaches himself to the marquis of Monferrat, and settles at Casale; Febr. 1513, appeals against the excommunication from the Catholic Church, and in July reconciles to Leo X; spends most of the year in Italy studying astronomy; 1511, sent to Switzerland on a brief mission, is knighted, studies the cabbala and Hermes Trismegistos in the house of LANDI; 1515, lectures on the Pimander of Hermes Trismegistos at the University of Pavia, where he becomes graduated as doctor of medicine and the laws ("ut meorum desiderio satisfacerem, qui me doctorem malunt quam doctum"); at the Pavia University, he delivers ten public orations, which are all medical (Op. 19); in October, Francis I invades Italy, and Agrippa loses his scholarly position; leaving his wife with her family at Pavia, he goes begging from one friend to another; in 1516, several friends invite him, and he accepts the invitation of the marquis of Monferrat, Guilicmo PALEOLOGO, settles at Casale with his wife and son, Avmon called also Ascanius; engaged in writing his lost work, *Dialogus de Homine qui Dei Imago est*, and his other theological work (Op. 26); but he is still just a refugee without a job; Aug. 1517, joins the court of Charles III of Savoy, probably as court physician; at the end of the year, visits his father at Köln, who believed him dead.

In 1518, after an invitation, he settles in Metz with his family, is town advocate and official orator, and works as physician at the time of the plague; writes his Op. 20, and his experiences in treating plague (Op. 21); meanwhile, his father and his daughter die; in 1519, still in Metz, where he is engaged in religious disputations on the monogamy of St. Anne (Op. 2); as a jurist he protects a peasant's wife against the charge of witchdom, and makes Nicolas SAVIN, the chief inquisitor, his enemy; therefore, in Febr. 1520, he had to leave Metz; goes to Köln, where he stays until Apr. 1521; at a friend's call, he returns to Metz, where his wife dies; for commemoration of her faithfulness, he writes on Matrimony (Op. 21), and decides to settle in Genève, where she was born; Sept. 1521, practicing physician in Genève, and a friend of CHAPPUYS; 1522, marries a young Swiss girl (who later proved to be very fertile); Oct. 1522, invited to Fribourg (Switz.) as a town physician, which position he accepts in the early part of 1523; Apr. 1524, invited to the court of Louise of Savoy, where he is physician of the queen mother at Lyon; May 1524–Dec. 6, 1527, at Lyon, where he publishes his Op. 27, 2, 13, and 24 in one volume, dedicating it to Margaret of Valois, and writes Op. 5; his work on Matrimony, however, offends the court people, because it exposed their adulterous life; his astrological prognostications in political events did not become true, he lost favor, and his mail was intercepted; disgusted with court life he writes his work on the Vanity of Science (Op. 16), and asks his dismissal from the court, where he did not receive any salary, and where he could not sell his mechanical inventions; Dec. 6, 1527, quits Lyon with his family and servants with the intention of travelling to Antwerpen; Dec. 20, 1527, reaches Paris, where he had to wait until July 2, 1528, to get a passport (it was dated Febr. 25, 1528); leaving his family in Paris, he reaches Antwerpen July 23, and began his medical practice; his family came to Antwerpen in November; 1529, he is engaged in publishing several of his works, is busy in medical practice in and around Antwerpen, and becomes archivist and historian of Margaret of Austria; attracts many pupils, among them Johann WIER, the one who later accused Agrippa of having the devil with him in the form of a black dog; as a historian he writes on the coronation of Charles V (op. 11), and on the death of Margaret of Austria (Op. 18); Aug. 7, 1529, his wife dies of plague; meanwhile, his published works did not bring enough money, and he is troubled by creditors, also by the monks who objected to some of his ideas in *De vanitate scientiarum*; March 1531, he was condemned by the Sorbonne; in this year, he was invited to the English court, but he refused the position offered to him; Jan. 1532, in jail for debt; later, he leaves the court, takes a small house at Mechlin, and took a third wife, who later proved to be a wanton; May, 1532, he is in Köln under the patronage of the archbishop, Hermann von WIED, publishes several of his works; printing of his *Oecult Philosophy* started, but the printed sheets were seized by the Dominican inquisitor, Conrad COUILLON (Coellin), against which Agrippa appeals to the Magistrate of Köln in Jan. 1533; finally, printing was granted; writes his defense of *De vanitate*

(Op. 1), and edits the work of a Cistercian monk; 1533-34, chiefly in Bonn, where he receives some support from the archbishop; 1535, divorce from unfaithful wife in Bonn; threatened with death by the emperor, Charles V, and flees to France, where he is imprisoned, then set free but persecuted; Febr. 1535, reaches Grenoble, where at the house of a friend, Mr. Vachon, in the Rue des Clercs, he dies Febr. 18, 1535. He was buried in a convent of the Dominicans. (Var.; died 1536)

Agrippa was a dreamer, a philosopher, a theologian, a soldier, a jurist, and a learned physician unjustly accused of necromancy. For biography see also **Sommersberg, F. W.** *Dissertatio*, Lpz., 1717.—**Agrippeana**, Lpz., 1722.—**Ravius, G. F.** *Dissertatio*, Wittenb., 1726.—**MORLEY, W. H.** The life of H. C. Agrippa, 2v. Lond., 1856, who gives also the content of his works.—**Prost, A.** *Cornelius Agrippa; sa vie et ses oeuvres*, Par., 1881-82.—**Orsier, J. H. C.** *Agrippa*, 1911.—**Rossi, G.** *Agrippa*, Torino, 1906.—Portrait taken from the collection of the Army Medical Library.

Check list of works

- Opera (collecta et omnia)
- Abigail, das ist des lobwürdigen Frauenzimmers &c. See Op. 16.
- Op. 16: vom Adel und Fürttreffen, &c. See Op. 16.
- De aluistica. See Op. 19.
- Allgemeine Schuttschrift. See Op. 16.
- De anatomistica. See Op. 19.
- Op. 1: *Apologia adversus calumnias* (with Appendix apologetica).
- Appendix apologetica. See Op. 1.
- De arte coquinaria. See Op. 19.
- Op. 2: *de Beatissimae Annae monogamia ac unico puerperio*. o Blagorodstve. See Op. 16.
- Cabbala. See Op. 17.
- De caerimoniis magicis. See Op. 17.
- De chirurgia. See Op. 19.
- Commendatio de matrimony. See Op. 24.
- Commentaria in artem brevem Lullianam. See Op. 15.
- De conjugio. See Op. 24.
- Op. 3: *Consilium in diarrhoea*.
- Declamatio invectiva. See Op. 12.
- Op. 4: *Defensio propositionum ... contra quendam Domini-castrum*.
- Op. 5: *Dehortatio gentilis theologiae*.
- De dietaria. See Op. 19.
- Op. 6: *De duplici coronatione Caroli V.*
- Op. 7: *Epigrammata*.
- Op. 8: *Epistolae*.
- Op. 9: *Epistola apologetica ... contra insaniam Conradi Cölin*.
- Excellence des femmes. See Op. 16.
- Excellentia verbi Dei. See Op. 12.
- Op. 10: *Expostulatio cum Joh. Catilineti*.
- Female preeminence. See Op. 16.
- von Fürttrefflichkeit. See Op. 16.
- Geomantia. See Op. 17.
- Glory of women. See Op. 16.
- de la Grandeur, etc. See Op. 16.
- Grand Grimoire. See Op. 17.
- von dem Heiligen Ehestand. See Op. 24.
- vom Herkommen des adelichen, &c. See Op. 16.
- von der Heylosigkeit, Eitelkeit, &c. See Op. 12.
- Op. 11: *Historiola de duplici coronatione Caroli V.*
- Op. 12: *De incertitudine et vanitate scientiarum*.
- Op. 13: *De inventione reliquiarum B. Antonii Eremitae*.
- Op. 14: *Lobe des Esels* (extract from Op. 12)
- Op. 15: (commentary) **RAYMUNDUS LULLUS. Ars brevis** (Also Tabula)
- Magia. See Op. 17.
- De medicina. See Op. 19.
- De medicina operatrice. See Op. 19.
- Op. 16: *De nobilitate et praecellentia feminei sexus declamatio*.
- Op. 17: *De occulta philosophia*.
- Oeuvres magiques. See Op. 17.
- van den Onzerkerheit. See Op. 12.
- Op. 18: *Oratio in funere Margeritae ... principis*.
- Op. 19: *Orationes decem*.
- Op. 20: *De originali peccato*.
- Paradoxe sur l'incertitude. See Op. 12.
- Op. 21: *contra Pestem antidota securissima*.
- De pharmacopolia. See Op. 19.
- Philosophia occulta. See Op. 17.
- Praise of matrimony. See Op. 24.
- Op. 22: *Pronostics astrologiques*.
- Op. 23: *Querela super calumnia*.
- Regimen adversus pestem. See Op. 21.
- Op. 24: *De sacramento matrimonii declamatio*.
- Op. 25: *pro Samuele Pufendorff ad iniquos censors*.
- Ein Sendtbrief. See Op. 9.
- o Slachetnosci. See Op. 16.
- Supériorité. See Op. 16.
- Tabula abbreviata. See Op. 15.
- Touêge des femes. See Op. 16.
- Traicte de l'excellence. See Op. 16.
- Op. 26: *De triplici ratione cognoscendi Deum*.
- Ungewissheit und Eitelkeit. See Op. 12.

Urtheil von Künsten. See Op. 12.

Uytmenenheyt. See Op. 16.

De vanitate. See Op. 12.

Vermaakelyk tractaat. See Op. 16.

De veterinaria. See Op. 19.

Op. 27: *De vita monastica: sermo*.

Vorzug und Fürttrefflichkeit. See Op. 16.

über des Weibes Adel. See Op. 16.

213 Opera (collecta et omnia)

- .1 Lyon (publisher) 1526. 8°
- Copy: unknown.

Probably nonexistent; the supposed contents are: (a) Op. 27; (b) Op. 2; (c) Op. 13, and (d) Op. 24. The existence of the edition is made probable by the undated French translation of Op. 24, and the history of its dedication (cf. Agrippa's life).

- .2 *Antwerpen, M. Hillen van Hoochstraten, Apr. 16, 1529. SGL:184735

Copy: Berlin; Augsburg; Gand; Paris; SGL.

(84)f.; Italics, with occasional Gothic in the marginal notes, and Roman in titles and running titles; text 110 x 63 mm; initials; contains the following:

f.A_{1r}: titlepage: "Henrici Cornelii Agrippae / de Nobilitate & Praecellentia Foemi- / nei sexus" ... (etc.); title between 4 historiated (flowers, nude baby girls) woodcut bands made into an oblong border; cut on top a sitting and writing haloed saint with an eagle (Lucas?); bottom cut: 2 nude baby girls holding medaillon inscribed Virgilius Maro; f.(A_{1v}): 10 lines, for 5 distichs of hexa- and pentameters by L. BELLIAQUETUS "De foeminei sexus praecellentia".

Desine vaniloquax sexum laudare virilem

Plus aequo, laudum ne sit acervus iners, etc.

f.A₂: author's preface to Maximilian ERDELYI (Traussylvanus), counsel of emperor Charles V, dated Antwerpen, April 16, 1529; f.A_{2r}-C_{5r}: De nobilitate et praecellentia foeminei sexus (Op. 16) f.D_{1r}-D_{3r}: Expostulatio super expositione sua in librum de verbo mirifico cum Joanne Catilineti (Op. 10) f.D_{3v}-E_{4r}: De sacramento Matrimonii declamatio (Op. 24); f.E_{4v}-E_{5r}: letter to "suo Michaeli de Arando", bishop, dated Lyon, May 7, 1526; f.E_{5v}-F_{1r}: letter to Jean Chapelain (Capellanus), royal physician, dated Lyon, May 1, 1526; f.F_{1v}-F_{2r}: letter to Gulielmo Paleologo, marquis of Monferrat, dated 1516; f.F_{2v}-H_{1r}: De triplici ratione cognoscendi Deum (Op. 26), f.H_{1v}-H_{3v}: letter to Reverend Symphorian, bishop, dated Lyon, June 10, 1526; f.H_{3v}-I_{2v}: Dehortatio gentilis Theologiae (Op. 5); f.I_{2r}: letter to Theodor, bishop of Cirene at Köln, dedicating Op. 20; f.I_{3v}-K_{4r}: De originali peccato (Op. 20); f.K_{4v}-K_{7r}: Contra pestem Antidota securissima (Op. 21); f.K_{8r}-L_{4r}: letter of his father dated Bedbar, 1518; f.L_{4r}-L_{4v}: letter by Agrippa to Theodor, dated Metz, Febr. 6, 1518; L_{4r}: colophon: "Michael Hillenius in Rapo, An. M. D. XXIX." f.L_{4v} blank.

Thus, the works included in the volume are Op. 16, 10, 24, 26, 5, 20, 21, and several letters.—Very rare.

- .3 (Köln) (publisher) May, 1532.

Copy: BM; Pannonhalma (Hung.); München; Berlin; Wien; Harvard; Univ. South Carol.

206p. 8°; sigs A-N; contains the same works in the same order as the 2. ed. with addition of Op. 27, 13, and 8.

- .4 (s. l.) (publisher) 1568. 12°

Copy: Münster.

(186)f.; size sometimes given as 32°; reprint of 1. ed.; woodcut portr. on tp;—3 RM (1885).

Editions by the "Bering Brothers"

The genuine "Beringi fratres" consisted of Godefroy and Marcellin Beringen, German printers, who settled in Lyon about 1538. They started printing in 1544, and not earlier. Marcellin died in 1556, and the printing establishment was sold by Godefroy to Guillaume and Jacques Reynaud, Sept. 2, 1556. The only genuine Agrippa publications of this printing house of Op. 17 are the 6. ed. of the Op. omni., and the b) and c) editions listed under their names. Cf. BAUDRIER, J. *Bibl. lyonnaise*. Lyon, 1897, 3: 31 &c.

After 1545 (?), when the Occult Philosophy of Agrippa was published by the "Beringi fratres", the name of this publishing company occurs repeatedly, and the place of publication is given as "Lugdunum"; several editions of the Opera Omnia of Agrippa with or without date carry the name of the "Bering brothers"; it seems that the name of the Bering brothers is fictitious in all the editions, and "Lugdunum" may be either Lyon or Leiden, or any other, probably German city; most of the editions have several variants, but all of them are mutilated. According to one opinion, the undated editions were printed at Paris. The following is a list of copies and references without any attempt at identification:

- .5 Lugduni, Beringi fratres (ca 1550?)

Copy: Berlin; München; Wien; Phila. Pub. Libr. (?)

Only vol. 1, which has 668p.

- .6 Lugduni, Beringi fratres (ca 1565?) 8°

Ref.: Prost.

2 vol. with portr. on v.1, p.2; v.1: (8)f. 779p.; v.2: (12)f. 1139p. (22f.); "Henrici Cornelii Agrippae ab Nettesheim

opera, quaecumque hactenus vel in lucem prodire vel inveniri potuerunt"; Prost thinks that this is the Ed. Princeps.

.7 Lugduni, Beringi fratres (s. a.)

Copy: BM; NYAcadM; Boston ML.
2 vol.; size either 8° or 12°

.8 Lugduni, Beringi fratres (after 1565?)

Ref.: Prost; Copy: v.1 Paris; v.2 Barcelona.

Round letter; 2 vol.; 144 x 78 mm copy; v.1: 12f. 694p.; v.2 16f. 1156p. On f. Henrici Cornelii / Agrippae/ ab Nettesheym / armatae militiae equitis / Aurati, (etc.)"; on verso of tp. portrait of author.

.9 Lugduni, Beringi fratres, (ca 1590)

Copy:

Italic type; 2v. in 3 parts; 8°; v.1: (15)f. 779p.; v.2: (24)f. 1139p. (44)f.—17 RM (1931); 23 RM (1931).

.10 Lugduni, Beringi fratres, 1600.

Copy: v.1: Paris; München; Wien; v.2: Berlin; München; Wien; Boston Pub. Libr.; Pennsylv. Univ.

8°; 2 vols; v.1: (12)f. 668p.; v.2: (8)f. 440p. for the first part, and (8)f. 480p. for the second part. "... Opera in duos tomos concinne digesta." To this edition an Appendix apogetica was added in 1605 (See Op. 1)

Contains the following works: 12, 15, 26, 5, 10, 16, 24, 20, 27, 13, 21, 8, 19, 6, 7.

.11 Lugduni, Beringi fratres (1600).

Copy: Berlin; München; Wien; Peabody Inst. Baltimore.

Italic type; 2 vols.; v.1: (15)f. 779p.; v.2: (24)f. 1139p. (correctly 1193) (44)f. for register; portrait of author on verso of the tp. of each volume. Contents as in the 1531 edition of Op. 17.

.12 Lugduni, Beringi fratres (after 1600)

Reprint of 1. volume; Italic; only 677p. To the same edition seems to belong a v.2 with 668p.

.13 Lugduni, Beringi fratres (1605?)

Ref.: Houzeau.

2 vol.; 8°

.14 Lugduni (Beringi fratres?) 1610. 3 pts.

8°

.15 Lugduni, Beringi fratres, (ca. 1630)

Copy: BM; Princeton.

8°; the printer may be E. Zetzner at Strassburg?

.16 Lugduni, Beringi fratres (ca 1600? or 1700?)

Ref.: Clement.

12°; 2 parts in 2 vols; 1156p.—£2-5 (1940).

This may be identical with the second volume of the following.

.17 Lugduni, Beringi fratres (s. a.)

Ref.: Clement.

8°; 2 vols; Roman; v.1: 694p.; v.2: 1156p. It is known to exist in three variants distinguishable by the end of the first line of the preface: (a) ... libri no-; (b) libri nostri de Occul-; (c) libri nostri de Occulta;

Unidentified editions in American libraries: Univ. Kansas; Libr. Congr.; Boston Pub. Libr.; Pennsylvania Univ.; Newberry Libr.; Harvard.

Further editions, of which no trace could be found, are: 18. Lugduni, 1660; 19. 1713, German; 20. 1714, German; 21. Lugduni, 1750; 22. Lugduni, 1753.

Nonexistent editions of the Opera omnia: (a) 1510; (b) 1531; his Op. 17 is mistaken for Op. omn.; (c) Lugduni, 1535 referred to by Maréchal.

214 Op. 1: Apologia adversus calumnias propter declamationem de vanitate scientiarum & excellentia Verbi Dei, sibi per aliquos Lovanienses Theologistas intentatas.

For its history see Agrippa's life; written in 1533.

.1 (Köln) (publisher) 1533.

Copy: Berlin; München; Wien; BM; Harvard.

8°; 96f.; contains also his Op. 23.

.2 Lugduni, Beringi fratres, 1605.

Copy: Berlin; München; Wien; Paris.

8°; 262p. "Appendix apogetica ... pertinet ad 2. eius Operum Lugduni editorum partem"; contains also his Op. 23. and abridgment of Op. 2 (Propositiones abbreviatæ de beatissimæ Annae monogamia), and the tabulated abridgment of Op. 15.—Rarissimum.

.3 München, G. Müller, 1913.

Copy: Berlin; München, etc.

In the German transl. of his Op. 12; "Verteidigungsschrift."

215 Op. 2: De beatissimæ Annae monogamia ac unico puerperio.

Result of a scientific battle over the book of Faber d'Étaples De tribus et una. There was a legend that St. Anne had three husbands, and by each a daughter, each being called Mary. Agrippa agreed with Faber that the legend was without any foundation or authority. To this work a Dominican replied, and against the reply Agrippa issued his Op. 4.

.1 Lyon (publisher) 1526.

Copy: ?

In his Opera; does it exist?

.2 (Köln) Johannes Nydepontanus, 1534.

Copy: BM; Paris; München; Wien.

4°; 144f.; the publisher was a physician at Metz; the volume also contains Op. 4 and a letter on the same topic.

.3 Lugduni, Beringi fratres, 1605.

Copy: Berlin; München; Wien; Paris.

Issued in his Op. 1; as "Propositiones abbreviatæ."

Other editions in the Op. Omn. published by the Bering brothers.

216 Op. 3: Consilium in diarrhoea.

An anonymous treatise or consilium written to a certain Baron; it is listed here because it immediately follows Agrippa's Op. 21 in Pierre POTER'S Insignes curationes; according to the title page of this volume it was written by a physician of the Electoral Prince of Köln. Description of various hygienic measures and medicaments.

Text begins: "Nonnulli in hepatis gibbo obstructionem esse ... (ends) ... malo tueatur et mihi memorem reddat."

.1 *Köln, Matthaeus Smitz, 1625.

SGL:101282

Copy: SGL; NYAcadM.

On p.169-190 of P. POTTER Insignes curationes.

217 Op. 4: Defensio propositionum prænarratarum contra quendam Dominicastrum ... qui ... Annam conatur ostendere polygamam.

For its history see under Op. 2.

.1 (Köln) John. Nydepontanus, 1534.

Issued in his Op. 2; other editions in the Op. omn. published by the Bering brothers.

218 Op. 5: Dehortatio gentilis theologiae, ad amicos aliquos quondam perorata.

He was asked by some young friends to lecture to them on Pimander of Hermes Trismegistos, which he refused to do, and wrote to them this dehortation against the mistakes of looking for a knowledge of God to heathens. There is no virtue in Hermes or Plato what had not been better taught by the Apostles, and the New Testament.

Text begins: "Efflagitastis iam saepe a me ut librum ter maximi Mercurii ... (ends) ... Nunc ergo credite mihi, licet iuniori dum adhuc tempus habetis ad discendum, quod si non crederitis, sero tandem credetis, sed & simul deplorabitis."

.1 Lyon (publisher) 1526.

Supposed edition.

.2 *Antwerpen, M. Hillen von Hoochstraten, Apr. 16, 1529.

SGL:184735

Copy: Berlin; Paris; SCL.

In his Opera 2. ed. f.H₂-I₂v.

.3 (Köln, publisher) 1532.

Copy: BM; München; Berlin; Wien; Pannonhalma, etc.

In his Opera 3. ed. f.H₂-H₂.

Further editions in the Op. omn. published by the Bering brothers.

219 Op. 6: De duplici coronatione Caroli V.

Identical with his Op. 11 (q. v.)

220 Op. 7: Epigrammata.

.1 Köln, J. Soter, 1535.

In his Op. 19.

221 Op. 8: (Epistolae)

Agrippa was in correspondence with many important persons; several of the letters have been published in his various works; also, forming seven "books", in his Op. Omn.

222 Op. 9: Epistola apogetica ... contra insaniam (infamiam?) Conradi Cölin de Ulma, O. P. Monachum.

This letter belongs to Op. 8, but is mentioned separately because of its literary importance. In 1532, when his Occult Philosophy was in print, Conrad Cölin, Dominican inquisitor denounced the author to the senate of Köln, and the press was stopped. The letter is a defense of the Occult Philosophy and of the academic freedom of thought. Written Jan. 11, 1535.

.1 Strassburg, Peter Schöffler, 1535.

Copy: München.

8°; 14f. Very rare.

.2 Strassburg, Schöffler, 1535.

Copy: München.

German transl. by Theodor Faber; 18f.; "Ein Sendtbrief ... wider die Sophisten." "Further editions in Op. Omn.?; not in his Op. 17.

223 Op. 10: Expostulatio super expositione sua in librum de verbo mirifico cum Joanne Catilineti. For its history see life of the author; written 1510 in London.

1 *Antwerpen, M. Hillen van Hoochstraten, 1529.

Copy: SGL; etc.

Issued in his Opera f.D_{1r}-D_{5r}; also in Op. Omn.

2 (Köln, publisher) 1532.

In his Opera f.D_{1r}-D_{4r}.

3 *London, Chapman & Hall, 1856.

SGL:

Copy: SGL; etc.

English transl. by H. Morley in his The Life of ... Agrippa. p. 240-9.

224 Op. 11: Historiola de duplici coronatione Caroli V.

Written by him as the official historian and the keeper of archives; the coronation of Charles V by Pope Clement VII is described in minute details; the event happened Febr. 1530.

1 (Antwerpen) Martin de Keyser (Caesar) 1530.

Copy: BM; 's-Gravenhage.

8^o; 20f.; sigs A-B^{8C}; Italian; f.1_r titlepage; f.1_v blank; f.2_r dedication to Princess Margaret; f.3_r dedication to Antonius de Lalaing.

2 Köln, J. Soter, 1535.

In his Op. 19.

3 Köln (publisher) 1538.

Copy: ?

4 Basel (publisher) 1574.

Copy: BM.

In Simon SCHARDIUS: Historicum opus. vol. 2.; fol.—Further editions in (a) M. GOLDAST: Politica imperialis. Frankfurt a. M., 1614; (b) in S. SCHARDIUS: Schardius redivivus. Giessen, 1673.

225 Op. 12: De incertitudine et vanitate scientiarum, et artium atque excellentia Verbi Dei declamatio.

Written by the disgusted, pessimistic Agrippa in 1527; dedicated to Augustinus Furnarius; the fundamental idea of the work is expressed in its first chapter. "Ego vero alius generis persuasus rationibus, nil perniciosius, nil pestilentius hominum vitae, animarumque nostrarum salutis posse contingere arbitror quam ipsas artes, ipsasque scientias." The original Latin edition is not divided into numbered chapters, but the later Latin editions and the translations have chapters with titles. There are 102 such chapters:

1. De scientiis in generali; 2. De literarum elementis (of the characters of the letters); 3. de grammatica; 4. de poesi; 5. de historia; 6. de rhetorica; 7. de dialectica; 8. de sophistica; 9. de arte Lullii; 10. de arte memorativa; 11. 12. 13. mathematica, arithmetica, geometria; 14. aleatoria; 15. de sorte Pythagorica; 16. adhuc de arithmetica; 17. de musica; 18. de saltationibus et choricis; "exercitium profecto non e coelis exortum, sed a malis daemonebus excogitatum"; 19. gladiatoria; 20. histrionica; "nullum denique nomen fuit olim infamius quam histrionum"; 21. de rhetorismo; 22. geometria; 23. optica vel perspectiva; 24. pictura; 25. de statuaria et plastica; 26. specularia (of the art of seeing glasses); 27. de cosmimetria; 28. de architectura; 29. metallaria; 30. astronomia; 31. astrologia iudiciaria; 32. de divinationibus in genere; 33. 34. 35. physiognomia, metoposcopia, chiromantia; 36. 37. geomantia, aruspica; 38. speculatoria; 39. somnispicia (interpretation of dreams); 40. de furore; 41. de magia in genere; 42. de magia naturali; 43. magia mathematica; 44. magia venefica; 45. goetia et necromantia (goetia! intercourse with wicked spirits); 46. theurgia; 17. cabala; 48. de praestigiis (juggling); 49. de philosophia naturali; 50. de principiis rerum naturalium; 51. de mundi pluralitate et ejus duratione; 52. de anima; 53. de metaphysica; 54. de morali philosophia; 55. de politica; 56. de religione in genere; 57. de imaginibus; 58. de templis; 59. de festis; 60. de caeremoniis; 61. de magistratibus ecclesiae; 62. de sectis monasticis; 63. de arte meretricia (remarkable sequence of chapters!); 64. de lenonia (of bawdry); 65. de mendicitate; 66. de oeconomia in genere; 67. de oeconomia privata; 68. de oeconomia Regia sive Aulica ("Scio ego famosam Galliarum urbem ea causa sic perversam, ut vix aliqua ibi matrona pudica sit, vix filiae nubant virgines" etc.); 69. de nobilibus aulicis; 70. de plebeis aulicis; 71. de mulieribus aulicis; 72. de mercatura; 73. de quaestura; 74. 75. agricultura, pastura; 76. de piscatione; 77. de venatica et aucupio; 78. de agricultura residuum; 79. de arte militari ("quoniam leges aliqui in praedones, incendiarios, raptores, homicidas, sicarios poenis saeviant, tales nomine militiae habentur nobiles et honesti"); 80. de nobilitate; 81. de arte heraldica; 82. DE MEDICINA IN GENERE ("ipsa etiam quadam homicidiorum ars est"; the entire medical

science is abounding with contradictory statements); 83. DE MEDICINA OPERATRICE ("tota praeterea medendi operatrix ars nullo alio fundamento quam fallacibus experimentis super extracta est"); 84. DE PHARMACOPOLIA ("... nos mortem nostram magna emere pecunia compellunt"); 85. DE CHIRURGIA ("eujus opera manifesta et securiora sunt remedia ... sed virulentarum sordium immunditia et sanguinolenta crudelitate infamis"); 86. DE ANATOMISTICA ("utrorumque pharmacutorum et chirurgorum theatra carnificina"); 87. DE VETERINARIA; 88. DE DIAETARIA; 89. DE ARTE COQUINARIA; 90. DE ALCUMISTICA ("impunis impostura"); 91. de iure et legibus; 92. de iure canonico; 93. de arte advocatoria ("ars vetustissima et fraudulentissima"); 94. de arte notariatus et procuratoria; 95. de iurisprudentia; 96. de arte inquisitorum; 97. de theologia scholastica; 98. de theologia interpretativa; 99. de theologia prophetica; 100. De Verbo Dei; 101. de scientiarum magistris; 102. ad Eucumium asini digressio.—Several of these "chapters" were also separately printed or translated.

Text begins: "Vetus opinio est, et ferme omnium philosophantium concors ... (ends) ... Sed ut diutius sermociinando ultra clepsidram (ut dicitur) declamem hic orationis nostrae finis esto." See also SCHELLHORN, J. G. Amoenitates literariae, v.2, 1725.

1 *Antwerpen, Joh. Graphaeus, Sept. 1530.

SGL:24810

Copy: Uppsala; Göttingen; København; BM; Univ. Paris; SGL; Harvard (with incorrect date 1650)

(170)f.; sigs A-Z, a-st⁸; text of privilege in Gothic, else Roman; text 135 x 85 mm; tp. in ornamental border; on f.1_{4v}: figure of Charity 95 x 70 mm; f.A_{1r}: title "Splendi- / dae nobilitatis viri et / armatae militiae Equitis aurati ac utriusque iuris / Doctoris Sacrae Caesariae Maiestatis a consiliis / et archivis Inditiarii Henrici Corneli Agrip- / pae ab Nettesheym De Incertitudine & Vanitate Scientiarum & Artium atque / excellentia Verbi Dei / Declamatio. / Nihil scire foelicissima vita."; f.A_{1v}-A_{2v}: privilege in French, dated ville de Malines, Jan. 17, 1529, signed L. de zoete; A_{2v}: a short "epigrammatic" content; f.A₃: Loci communes tractandorum, enumeration of the "chapters"; f.A₄: dedication to Augustinus Furnarius; with a note at the bottom of f.A_{4v} that the book should be read only after the correction of the printer's errors; f.B_{1r}-B_{1v}: preface to the reader: "An non tibi (Lector studioso) magnanimum ... (ends) ... professores videri perorare. Vale"; f.B_{1v}-B_{2v}: text; f.1_{4r}-1_{5v}: "Quaedam ab ipso auctore post impressionem mutata, & ob male descripti exemplaris errata" with the colophon; f.1_{4r} blank; f.1_{5v} figure of Caritas.—Libr. copy bd in leather; heraldic bookplate; 1558, owned by Thomas Pennye.—Rarissimum.

2 (no place, printer) 1530.

Copy: Paris; Welch Libr.;

8^o; probably a Paris edition.—Very rare.

3 Antwerpen, (publisher) Jan. 1531.

Copy: Univ. Paris; Bruxelles; Crummer Collect.;

(4)f. 156f. (4)f.; 8^o; "Henrici / Corneli Agrippae ab / Nettesheym" ... etc.; date on tp.

4 (Köln) Eucharius Agrippinas (Cervicornus) Jan. 1531.

Copy: Berlin; München; Wien; BM;

200f.; 8^o; on tp. the author's name given as H. A. "ab Hettesheym".

5 *Paris, Jean Pierre "in vico Sorbonico", Febr. 1531.

SGL:312449

Copy: Paris; BM; SGL.

(4)f. f. 9-159 (1)f.; sigs A⁴ B-V⁸; Italian on prelim. leaves; text Roman; text 110 x 70 mm; marginalia; print. dev. on tp. f.A_{1r} title: "Henrici / Corneli Agrippae ab / Nettesheym; splendidissimae nobilitatis Viri / et armatae" ... etc.; imprint on tp.; f.A_{1v}: the epigrammatic contents as in EPr.; f.A_{2r}-A_{3r} dedication to A. Furnarius; f.A_{3v}-A_{4r}: Loci communes tractandorum with references to leaves; f.A_{4v} blank; f.1_{4r}-1_{5v}: preface to the reader; f.1_{4v}-f.1_{5v}: text; f.1_{5v}: printer to the reader "Si verum est quod Oratius ait ... Bene vale ex officina nostra"; colophon; f.V₈ blank.—£ 3-10 (1934).

A variant of this edition has a title page without the printer's device; also the Greek words found above the device are omitted, and in place of the imprint is: "Apud Florentissimam Antuerpiam"; otherwise it is exactly the same as above. Copy Yale Univ.

6 Köln, M. N. (=Melchior Novesianus) 1531.

Copy: Berlin; München; BM; Harvard; Princeton; Univ. Illinois.

(382)p.; sigs A-Z, a-z; 8^o; no pagination; colophon at end: "Coloniae M. N. exudebat".

7 (Köln, Eucharius Cervicornus) Jan. 1532.

Copy: Berlin; München; Univ. Pennsylvania (1. variant) 351p.; 8^o; with marginal scholia; sigs A, a-z, aa-bb; there are two variants of this edition: (1) with the title: "Henrici ..."; (2) with the title: "Splendidae nobilitatis"; the (1) has the printer's name as Jo. Prael.—Very rare.

- .8 (Paris, Jean Pierre) 1534.
Copy: Antwerpen Mus. Plantijn;
With slight changes, it is the reprint of the variant of ed. 5.
- .9 (Ulm) (Hans Varnir) 1534.
Copy: ?
An abridgement in German by Seb. FRANCK in the German translation of ERASMUS; Moriae encomion; the title of the abridged version reads: "Von der Heillosigkeit, Eitelkeit, und Ungewissheit aller menschlichen Künst und Weisheit".
- .10 (Antwerpen?) (publisher) Jan. 1536.
Copy: Wien; Univ. Illinois; Haverford College.
Divided into chapters: (208)f.; 8°; sigs A, a-z, aa-bb; no pagination. Rarissimum.
- .11 (Köln, printer, 1536)
Copy: München?
Divided into chapters; 8°; 208f.; portrait of author on tp.—75f. (1940). It may be identical with ed. 10.
- .12 (Lyon? printer) 1537.
Copy: Wien; Paris; Crummer Collect.; NYAcadM; Northwest. Univ.
The copy at Wien has "1057" for date.
- .13 (Köln? printer) 1539.
Copy: Breslau; München; Wien; BM; Harvard; John Crerar.
Divided into chapters; 208f.; 8°; portrait on tp.; marginalia.—Very rare.
NOTE. Later Latin editions are all expurgated. There were four such expurgated editions without date or place of publication (copies: Berlin; München) A copy at Univ. Minnesota dated 1542.
- .14 (Köln? printer) 1544. 8°
Copy: Paris; BM; Welch Libr.; N. York Pub. Libr.; Harvard.
Expurgated edition. 200f.; sigs A-aa⁸.
- .15 Venezia (G. Farri) 1547.
Copy: BM;
Italian by Lodovico DOMENICHI; 204f.; 8° "Arrigo Cornelio Agrippa della vanità delle scienze".
- .16 Venezia (printer) 1549.
Copy: München; BM; Harvard.
(8f. 204f.; 8°; Italie; Italian transl. of L. Domenichi.—Very rare; 15 Sw. fr. (1928)
- .17 (Köln? printer, 1550?) 8°
Copy: BM.
Latin text.
- .18 Venezia (printer) 1552.
Copy: Harvard.
Italian of L. Domenichi; reprint of 1549 ed. Rarissimum.
- .19 (place, printer) 1555.
Ref.: Houzeau.
8°; with portrait on tp.; "editio ab auctore recognita".
- .20 (Lyon? printer) 1564.
Copy: Bonn; Münster; München; Paris;
Expurgated; 345f.; 12°; sigs A-Z, aa-H.
- .21 Köln, Baum, 1568.
Copy: Berlin; Breslau; Marburg; BM; Univ. Chicago; Univ. Minnesota; Huntington.
12°; 1 p. l. (765)p.; sigs A-I.
- .22 London, Henry Wykes, 1569.
Copy: BM; Bodleian; Huntington; Folger; Harvard.
English by James Sanford; 8 prel. leaves and 187f.; black letter; dedicated to Thomas Duke of Norfolk; title reads: "... of the vanitie and uncertaintie of artes and sciences".—Price varied between £ 3-3 and £ 17-10 (1931-32).
- .23 *London, Henrie Bynneman, 1575.
SGL:312450
Copy: BM; Bodleian; Huntington; Crummer Collect.; Boston ML; SGL; Newberry; Folger; Yale; N. York Pub.; Boston Pub.; Phila. Pub.; Libr. Congr.
English transl. of J. Sanford; (7)f. 187f. (1)f. (the blank preceding the tp. is missing in SGL copy); sigs: *1A⁴ for the preliminary leaves; Bbb⁴ for the unnumbered last leaf; text 145 x 80; title, preface and Bbb⁴ in Roman, all other in black letter; title in forecated borders; tp.: "Henrie Cornelius / Agrippa, of the Vanitie and / uncertaintie of Artes and / Sciences: Englished by / Ia. San. Gent. /" etc.; imprint on tp.; tp_v blank; 2 unnumbered leaves: To the reader: "If in all things (gentel Reader) ... & my paines required. Farewell"; f. A_v-A_v; author's preface to the reader; f.1-f.187v text; f. Bbb⁴ "The common places" (index of chapters).—SGL copy bd in vellum; 2 Ex-Libris: Thomas Pennant; Archibald Campbell, 1708.—\$13 (1930); £ 6-6 (1938).

- .24 Köln, Th. Bauman, 1575.
Copy: Breslau; München; Königsberg; Crummer Collect.; Harvard; N. York Pub.; Univ. Michigan.
327f.; 12°; with portrait of author.—17 Austr. sh. (1930)
- .25 Paris, Jean Durand, 1582.
Copy: München; Paris; Princeton; N. York Pub.
French transl. by Louis de MAYERNE-TURQUET from the unexpurgated Latin text; 8f. 551p.; 8°; "Déclamation sur l'incertitude, vanité et abus des sciences".
Several variants exist: (a) sine loco (Jean Durand), probably a Genève reprint; (b) also another reprint (1587?) with 22p. and 474p. (text only?)
- .26 Köln, Theod. Bauman, 1584.
Copy: Berlin; München; Breslau; Wien, etc.; BM; Univ. Illinois; Phila. Pub.; Harvard; Greenville Pub.; Newberry (1583 date)
311f. Sigs A-Z, Aa-Cc; incomplete Latin text.
- .27 Köln, Ant. Hierat, 1598.
Copy: München; Wien.
Sigs A-Z, Aa-Cc; 12°; expurgated; contains also Op. 16 and 24.
- .28 Lugduni, Beringi fratres, 1600.
In the Op. Omn.; also in the many undated editions of the Op. Omn.
- .29 (Antwerpen?) printer, 1603.
Copy: München; Wien; Paris; BM; Crummer Collect.; Coll. Phys. Phila.; Harvard; Univ. Minnesota.
Reprint of the 1582 French edition; 390f.; 12°; "Paradoxe sur l'incertitude, vanité et abus des sciences".
- .30 (Antwerpen?) printer, 1605.
Ref.: Houzeau;
As the 29. ed.; could it be the same?
- .31 (sine loco) printer, 1608.
Copy: Paris; Libr. Congr.
French transl. of Mayerne-Turquet; 10p. l. 390f.; 12°; reprint.
- .32 (Köln, printer) 1609.
Copy: Berlin; Paris; Boston ML; Co. Kings Libr.; Phila. Pub.; Duke Univ.
Sigs: A Z, Aa-Kk, A F; no pagination; 12°; expurgated text; contains also Op. 16 and 24.
- .33 (sine loco, printer) 1617.
Copy: München; Paris;
The French translation; 390f.; 12°; title as in 29. ed.; reprint.
- .34 (Köln? printer) 1622.
Copy: Münster; Göttingen; John Crerar; Phila. Pub. (with Paris and Lyon imprint) Pennsylvania Univ. (date given 1602)
280f.; 12°; Latin text, expurgated, with Op. 16 and 24; sometimes attributed to the publisher E. Zetzner in Strassburg; a reprint of the 32. ed.? A vignette used by the printer is that used by the "Bering brothers".
- .35 (sine loco) printer, 1623.
Copy: Paris; Harvard.
French translation of M. Turquet; 11p. l. 390f. 12°; reprint.
- .36 Lugduni, (printer) 1624.
Copy: Berlin; Breslau;
704p.; Latin text.
- .37 (Genève? or Paris?, printer) 1630.
Copy: Breslau; BM; Paris;
526p.; 8° French of M. Turquet; "Henri ... de l'incertitude, vanité" etc.
- .38 Leiden, A. Commelinus & David Lopes de Haro, 1643 (1644)
Copy: München; Paris; BM; NYAcadM; Harvard; Pennsylv. Univ.; Lehigh Univ.; Pennsylv. Mus. Art.
xii, 395p. (359p.?). 12°; contains expurgated Latin text, also Op. 16 and 24; a very bad edition; tp. engraved; the second tp. has 1644 for date.—17 shillings (1934)
- .39 Amsterdam pub., Haerlem print., Fonteyn for J. A. Colom (1650) 1651.
Copy: Berlin; BM; Libr. Congr.
Dutch by Joachim OUDAAN; 12 p. l. 610p.; "... van de onzekerheyd ende ydelheyd der weetenschappen en konsten".
- .40 *s-Gravenhage, Adrian Vlacq, 1653.
SGL:85247
Copy: Bonn; Breslau; Königsberg; Münster; Paris; Coll. Phys. Phila.; SGL;
(12)f. 501p. for the first part; to which is attached Op. 16 under separate title-page consisting of 48p.; expurgated text printed in Roman type; called on tp. "editio ultima"; text 110 x 55 mm; tp.: "Henrici Cornelii / Agrippae / ab Nettesheim / De incertitudine" ... etc.; tp_v blank; f. 2-3; dedication to Aug. Furnatius (spelt with "t"); f. 4-8 author's

preface to the reader; f.(8v-12v) the "loci communes" and the "epigrammatic" contents; p.1-501 text; (p.502) blank; follows Op. 16; p.1 the tp.: "Henrici Corneli Agrippae / ab / Nettesheym / De nobilitate" ... etc.; with imprint; (p.2) blank; p.3-48 text; on p.47 and 48 the print is in very small, 6-point type in order to avoid the insertion of an odd page.— This edition is of very little value.

.41 Leiden, Printer, 1654.

Copy:?

Latin text; 12°; contains also Op. 16.

.42 Rotterdam, Naeranus, 1661.

Copy: Breslau; Bibl. Med. Neerl.;

Reprint of the 39. ed.; 653p. Dutch translation, by J. Oudaan.

.43 Amsterdam, J. Visser (ca. 1661?)

Copy:?

Reprint of the Dutch translation; 8°

.44 's-Gravenhage, Adrian Vlacq, 1662.

Copy: Münster; München; Bonn; John Crerar; Pennsylvania Univ.

12p. l. 550p.; 12°; contains also Op. 16 and 24; expurgated Latin text; of little value.—7 shill. (1939)

.45 London, J. C. for Samuel Speed, 1676.

Copy: BM; Co. Kings Libr.; Libr. Congr.; Newberry; N. York Pub.; Engineer. Soc. NY.; JeffersonM. Coll.; Univ. South Calif.; Richmond Acad. Med.

English transl. by James Sanford; 368p.; sigs A-Aa³; engraved portr. by T. BURNFORD.—£ 3-3 (1934); £ 1-1 (1934).

.46 London, R. E. for R. B., sold by C. Blount, 1684.

Copy: Pennsylvania Univ.; Libr. Congr.; Minnesota Univ.; N. York Pub.; Lehigh; Univ. Washington.

Sigs A-Aa⁸; 8°; there seems to be a variant without portrait of author. English transl. (a new one?)—£2-10 (1931); £2-2 (1934).

.47 (place, printer) 1692.

Copy: BM;

German transl. by Sebastian FRANK in his *Unterschiedliche ... Schriften*; forms the 2. piece: "Urtheil von Künsten ..."

.48 Frankfurt a. M. & Leipzig, Adam Plener, 1693.

Copy: Berlin; München; Boston Pub.; Missouri Bot. Garden; Univ. Virginia.

Latin expurgated text with Op. 16 and Op. 24; 11p. l. 660p.; 16°

.49 London, R. Everingham for R. Bentley & D. Brown, 1694.

Copy: BM; Coll. Phys. Phila.; Brooklyn Pub.; Harvard; Univ. Texas.

Referred to as the "Tudor translation"; English text; 9 p. l. 368p. sigs A-Aa³; 8° portrait.—£1-15 (1934).

.50 (place, printer) 1696.

German transl. in a reprint of FRANK's work; see 47. ed.

.51 Frankfurt, Plener, 1699.

Copy: Boston Pub.

Reprint of 1693 ed.

.52 Köln (=Nürnberg) printer, 1713.

Copy: Berlin; Breslau.

German translation; contains also the translation of Op. 16 and 24; by J. J. Hartmann; a bad translation.—7 Austr. schill. (1938) 18 RM (1939)

.53 Paris, F. Babuty, 1713.

Copy: BM; Paris; München; Newark Pub.; Pennsylv. Univ.

French transl. issued in his Op. 16; transl. by Gueudeville (?).

.54 Frankf. & Leipzig, heirs of Plener 1714.

Copy: München; Berlin; Paris; Pennsylv. Univ.

Expurgated Latin text; 660p.; 8°; contains also Op. 16. and Op. 24.

.55 Leiden, T. Haak, 1726.

Copy: Berlin; Paris; München; Wien; John Crerar.

French transl. by Nicolas Gueudeville; publ. in his Op. 16; 3 vol.

.56 München, G. Müller, 1913.

Copy: Berlin; München; etc.; Harvard; N. York Pub.; Libr. Congr.

German transl.: "Die Eitelkeit und Unsicherheit der Wissenschaften"; liv. 322p. 8°; contains also his Op. 1; edited by Fritz MAUTHNER as No. 5 and No. 8 of *Bibliothek der Philosophen*; also 150 numbered copies.—15 RM (1930).

Nonexistent or doubtful editions: 1. Köln, 1527; 2. Paris, 1529; the existence of such an edition was based upon the date of the privilege (Jan. 1529); 3. Antwerpen, 1532; 4. 's-Gravenhage, 1562; 5. Köln, A. Hierat, 1597; probably Gross's mistake

for 1598; 6. Lugduni, 1625; 7. Leiden, Commelin, 1632; 8. London, 1651; English transl.; 9. Leipzig, 1712; mentioned by Dezcimeris; 10. Köln, 1727; 11. Lugduni, 1750; 12. Köln, 1773; mistake for 1713.

225 Op. 13: De inventione reliquiarum B. Antonii Eremitae.

.1 Lyon (publisher) 1526.

In his Opera (q. v.)

.2 (Köln, publisher) 1532.

Copy: BM; München, etc.

In his Opera (q. v.)

226 Op. 14: Encomium asini.

This is only the 102. chapter of his Op. 12, but it has been given by the German translator of Op. 12 as a separate work: "Lob des Esels." For editions see Op. 12.

227 Op. 15: (commentaries) RAMON LULL: Ars brevis.

Full title: In artem brevem Raymundi Lullii commentaria. As an appendix to the commentaries, the author compiled a "Tabula abbreviata commentariorum artis inventivae." The commentaries were probably written in 1517 during the author's Italian sojourn; they are dedicated to Jean LAURENCE, preceptor at Rivolta, and the friend who helped Agrippa in getting the position of an advocate at Metz. It is a paraphrase of Lull's work.

Text begins: "Raymundus Lullius composuit artem ad scientiarum inventionem ... (ends) ... debilia confrinet, dirigat errata, ligataque resolvat." It consists of 3 parts: A (1) de subiectis universalibus; (2) de praedicatis absolutis; (3) de praedicatis respectivis; (4) de quaestionibus earumque regulis et speciebus; (5) terminorum multiplicatio; (6) figurarum multiplicatio inter se; B) pars principalis secunda; C) pars principalis tertia.

The "Tabula" is dedicated to Adolf ROBOREUS, canon at Köln; it has been probably written much later than the Commentaries (1530?)

.1 Köln, J. Soter, 1531.

Copy: ?

Ref.: Rogent; Panzer; Prost.

8°; contains also the Tabula abbreviata, and the two dedicatory letters.

.2 Lugduni, Beringi fratres, 1531.

Copy: Berlin; München; Coll. Phys. Phila.

In the second volume of his Op. 17; the date of publication may be fictitious.

.3 Köln, J. Soter, 1533.

Copy: Köln; Gand; BM; Crummer Collect.

A reimpression of the 1. ed.; 101f (?) or 102f.; illustrated.

.4 Solingen, Joh. Soter, 1538.

Copy: München; Wien; Paris; BM; Harvard.

Reimpression of 3. ed.; (142)f.; 8°; sigs a-r⁸; copy 114 x 68 mm; (or text size?); with the Tabula. Probably the first book printed at Solingen.

.5 Köln, Joh. Birkmann & Theod. Baum, 1568.

Copy: München; Wien; Bodleian; Köln.

310p.; size 100 x 47 mm; portr. on tp.

.6 Strassburg, Zetzner, 1598.

In RAMON LULL: Opera; on p.807-940.

.7 Lugduni, Beringi fratres, 1600.

In the Op. omn.; also in other editions of the Op. omn.

.8 Lugduni, Beringi fratres, 1605.

In his Op. 1 (q. v.); only the Tabula abbreviata.

.9 Strassburg, L. Zetzner, 1609.

Copy: Univ. Barcelona; etc.

In RAMON LULL: Opera; p. 790-897 the commentary; p.898-916 the Tabula.

.10 *Strassburg, L. Zetzner, 1617. SGL:

Copy: Barcelona; SGL; etc.

In RAMON LULL: Opera, on p.790-916.

.11 *Strassburg, heirs of L. Zetzner, 1651.

SGL:166639

Copy: SGL, etc.

In RAMON LULL: Opera, on p.787-896 (commentaries) and p. 897-916 (tabula). Roman; text 145 x 80 mm; several diagrams.

Nonexistent ed.: (1) 1538 Köln.

229 Op. 16: De nobilitate et praecellentia foeminei sexus declamatio.

For its history see life of the author; written 1509. Dedicated to Margaret of Austria. It is a single treatise without chapters. The author says that God created man and woman. The necessary difference between the two sexes is only in the anatomo-

my of the organs of generation. But the form of their souls is the same. The woman has the same mind, the same reasoning, speech, and man and woman will become sexless angels. As far as the soul is concerned there is no difference between the two sexes. But looking at whatever is in mankind beside the soul we find that the fair sex is infinitely over the hard male sex. This is proved by many authorities, historical facts, testimonials of the Holy Scriptures, and by the sanctions of the Law. There is beauty in women, also decency in her form. Many things of medical interest.

Text begins: "Deus optimus maximus cunctorum genitor ... (ends) ... Ne ergo opus ipsum in nimis magnum volumen exeat, hic illius finis esto."

Against Agrippa's work an anonymous treatise has been published (sine loco) in 1721: *Der gerette (!) Vorzug des männlichen vor dem weiblichen Geschlechte oder Beleuchtung C. Agrippae Tractats* (etc.). The subject of the preeminence of one sex above the other has been a favorite topic of discussion in the 16. and 17. centuries. See also No. 65 Op. 7 under *Acidalius* in this list.

.1 *Antwerpen, M. Hillen van Hoochstraten, Apr. 16, 1529. SGL: In his Opera, on f.A_{3r}-C_{8v}; dedication on f.A_{3r}-A_{4r}; text f.A_{4r}-C_{8v}. Ed. Pr.

.2 Antwerpen, Martin Keyser, 1530. Copy: Paris. French translation by the author himself; (64)f. sigs A-Q⁴; 8°; Gothic and Italian; title: "Traictier inti / tute de la noblesse et preexcellen / ce du sexe feminin, faict et compose" ... (etc.); Imprint on tp.; contains also the French transl. of Op. 24: "La declamation du sacrement de mariage" on f.(47^v)-(64^r); on Q_{4v} two coats-of-arms, one for Agrippa, the other for his wife, 'Iana Loyisia Ticia Agrippe'.

.3 (Köln, publisher) 1532. In his Opera. .4 (Paris) Denis Janot (s. a.) French translation; 16°; (56)f.; round letter; reprint of 2. ed.

.5 Lyon (publisher) 1531. Copy: ? French transl.; 8°; "La touëge des femes." Very rare.

.6 Lyon, Fr. Juste, 1537. Copy: ? French; reprint of 2. ed.; 16°; Gothic.

.7 (Frankfurt, C. Egenolff, ca 1540) Copy: BM; Berlin; Wien. German by Johan Heroldt; (32)f.; 4°; no pagination; woodcut on tp. by H. S. BEHAM; title: "Vom Adel und Fürtreffen weiblichen geschlechts."—20 RM (1888)

.8 Paris (publisher) 1541. Copy: Paris. A French abstract (or extract) only, in the form of a poem by François HABERT; 132p.; 8°; in Habert's *Le jardin de félicité*, avec la louange et hauteuse du sexe féminin.—Rare.

.9 (place, publisher) 1542. Copy: ? French; 8°; "La touëge des femes."

.10 London, Thomas Berthelet, 1542. Copy: Bodleian; Huntington. English transl. by David Clapham; sigs A-F³G⁴; 8°; Gothic; "A treatise of nobility and the excellency of woman kynde."

.11 Venezia, Giolito, 1543. Copy: ? Italian transl. from the French by Francesco Cocci.

.12 Venezia, Giolito, 1544. Copy: Wien; Libr. Congr. Italian by F. Cocci; 29f.; "Della nobiltà ed eccellenza delle donne."

.13 Venezia, Giolito, 1545. Copy: Wien; Newberry.

Italian as ed. 12; 36f.; contains also an oration by A. Piccolomini.

.14 Venezia, Gabr. Giolito, 1549. Copy: BM; Wien; Libr. Congr.; Univ. Illinois.

Italian as ed. 12; 36f.; 12°; also the oration of Piccolomini "in lode delle medesime."

.15 Frankfurt a. M., Martin Lechler for S. Feyerabend, 1556. Copy: John Cerer (?)

German translation by J. Heroldt; (8)f. 50f. (1)f.

.16 Frankfurt a. M., Mart. Lechler for Sigm. Feierabend & Sim. Hüter, 1566. Copy: Amsterdam; Berlin; Göttingen; BM; John Cerer.

German transl. by Joh. Heroldt; "Das ander Teil. Vom Herkommen des adelichen fürtrefflichen weiblichen geschlechts";

the second part of a volume the first section of which is the German translation of Boetaccio's *De praeclaris mulieribus*. (8)50 (1)f. Gothic.

.17 Köln, T. Baum, 1567. Copy: München; Breslau; Univ. Chicago; Univ. Minnesota.

Latin text; 372p. sigs A-Q; 8°; contains also "orationes, epistolae."

.18 (place, publisher) 1568. Copy: Münster. In his Opera.

.19 Kraków, M. Wirzbięty, 1575. Copy: Polish transl. by S. Tomkowicz; "O ślachećności a zacności ploi niewieściej." (Reprinted in 1891)

.20 Paris, Jean Poupy, 1578. Copy: Paris.

A new French transl. by Louis Vivant, printer at Troyes; 16°; "Traicté de l'excellence de la femme."

.21 Magdeburg, J. Francke, 1597. Copy: Greifswald; Königsberg. A new German transl. by Balthasar MENZ (=Meneclius) 26f.; "Von fürtrefflichkeit des weiblichen Geschlechts."

.22 Köln, Ant. Hierat, 1598. Copy: München; Wien.

In his Op. 12. .23 Lugduni, Beringi fratres, 1600. In his Op. omn.; also in other editions by the "Beringi fratres."

.24 (Köln, publisher) 1609. Copy: Co. Kings Libr.; Boston MLibr.; etc; Harvard.

In his Op. 12. .25 Paris, P. Passy, 1618. Copy: ?

French; 15p.; 8°; a work entitled "L'excellence des femmes avec eur réponse à l'auteur de l'Alphabet." The relation of this work to Agrippa's treatise could not be determined; the anonymous French work is not listed in Barbier.

.26 (Köln? printer) 1622. In his Op. 12.

.27 Leiden, A. Commelinus, 1643 (1644) In his Op. 12.

.28 (Lübeck) Jäger for H. Scherwebel, 1650. Copy: Berlin; München; BM.

German translation with notes; ed. by M. Johan Bellin (1618-1660); 216p. (or 288p.?). 8° (or 12°?); "Abigail, das ist des lobwürdigen Frauen-Zimmers Adel und Fortrülligkeit"; contains also a matrimonial poem.—Rarior.

.29 London, Robert Ibbitson, 1652. Copy: BM.

English transl. by Edw. FLEETWOOD; 32p.; 4°; "The glory of women; or, A treatise" ... etc.

.30 London, T. H. for F. Coles, 1652. Copy: BM.

A versified edition by H. C. (Crompton rather than Care); 47p.; 12°; "The glory of women; or, A looking glasse fore ladies." Rarissimum.

.31 *s-Gravenhage, Adr. Vlacq, 1653. SGL:

In his Op. 12. .31a Leiden, printer, 1654.

In his Op. 12. .32 Amsterdam, Izaak de le Tombé, 1658.

Copy: Boston Pub. Libr.

Dutch by H(enrijk) I. T(akama); "Twee doorluchtige en vernunftige reddeneeringen ..." Rare.

.33 (Lübeck) Schernwebel, 1659. Copy: Breslau.

Reissue of the German ed. 28; 216p.; rare.

.34 's-Gravenhage, Adrian Vlacq, 1662. In his Op. 12.

.35 London, T. R. & M. D. for Henry Million, 1670. Copy: BM; Libr. Congr.

English transl. by H. C. (Care?); 11 p. l. 83p.; 8°; dedicated to Queen Katherine; title: "Female pre-eminence or the dignity & excellency of that sex, above the male."—£3-5 (1930); £3-15 (1940). English transl. also on p.181-206 of "The wonders of the female world" (1683, Lond.) Copy Libr. Congr.

.36 's-Gravenhage, P. Perier, 1686. Copy: Wien; BM; Harvard

French transl.; vi, 74p.; 12°; "Traité agréable et curieux de la noblesse et excellence du sexe de la femme par dessus celui de l'homme"; rare.

.37 Frankf. & Lpz., Adam Plener, 1693.
In his Op. 12.

.38 Antwerpen, printer, 1698.
Ref.: Hayn.

French transl.; 12°

.39 Amsterdam, printer (ca 1700)
Ref.: Hayn.

Dutch transl.; 12°; it is probably identical with ed. 46.

.40 Köln (=Nürnberg) printer, 1713.
German transl. in his Op. 12; "Von dem Vorzug und Fürtrefflichkeit des weiblichen Geschlechts vor dem Männlichen."

.41 Paris, F. Babuty, 1713.
Copy: München; Paris; BM; N. York Pub.; Boston Pub.
French transl. by *** (either Gucudeville or J. d'Arnaudin); 125p.; 12°; "Traité de la grandeur et de l'excellence des femmes audessus des hommes"; contains also biography, notes, and Op. 12, and Op. 24.

.42 Frankf. & Lpz., heirs of Plener, 1714.
Latin; in his Op. 12.

.43 (place, printer) 1721.
Copy: Berlin; Göttingen; Boston Pub. (with 1720 date)
German transl. from the French; by J. K. L.; 118p.; 12°; a new translation; title reads: "Des Cornelli Agrippae amuthiges und curieuses Tractätgen von dem Vorzug des weiblichen vor dem männlichen Geschlecht"; confer with 36. ed.

.44 Leiden, T. Haak, 1726.
Copy: Berlin; München; Wien; Paris; Univ. Amsterdam; BM; John Crerar (v.1)
French transl. by Nicolas de Gueudeville (from a badly curtailed Latin text); in 3 vols; 8°; frontisp. & portr.; contains also Op. 24 and 12; title reads: "Sur la noblesse et excellence du sexe féminin" ... etc.

.45 Köln, Critille (=Otto von Graben Zum Stein), 1730.
Copy: Berlin; München;

German transl.; 104p.; "Allgemeine Schutz-Schrift des ehrsam Weiber-Handwerkes"; a manuscript note in a copy states that this is the translation of Agrippa's Op. 16.

.46 Amsterdam, printer, 17 (33).
Copy: BM; Bibl. Med. Neerl.;

Dutch transl. ed. by J. d. V.; 73p.; 8°; title "Vermaakelyk tractaat, waar in op een satyrische en aangenaame wyse ondersogt en aangetoond werd, dat het vrouwelyk geslagt ... meer in luister en aansien gehouden moet werden als dat van de mannen".

.47 (Amsterdam? printer) 1733.
Copy: BM;

Issued in S. LEEUWEN: Ernste en boertige redenvoering tot bewys dat de Vrouwen verre van Edelder dan de Mannen zyn"; Dutch transl.; 8°

.48 Jena, printer, 1736.
Copy: BM; Coll. Phys. Phila.

Second ed. of the German transl. of I. K. L. (or J. K. L.) published in H. FREDER: Gründliche Erörterung der Frage ob ein Mann seine Frau zu schlagen berechtigt sey? (=Lusus iuvenilis); 8°; the title of Op. 16 reads: "Curieuse und lesenswürdige Gedancken von dem Vorzug des weiblichen vor dem männlichen Geschlechte".

.49 London, A. Grant, 1776.
Copy: BM; Libr. Congr.

Italian transl. by Gius. A. GRAGLIA; 108p.; 8°; "Dell'Eccellenza e preminenza del femmiuil sesso sopra il maschile".—Rarior.

.50 Leipzig, printer, 1780.
Copy: Berlin; München;

German transl. (new?); 80p.; 8°; vignette on tp.; "Der Vorzug des weiblichen Geschlechts ..."

.51 St Petersburg, Imp. Akad. nauk, 1784.
Copy: Göttingen;

Russian transl. by P. A. Alekseeva; 82p.; "O blagorodstve i preimushchestve zhenskago pola".

.52 København, J. H. Schubothe, 1796.
Copy: München;

German transl. from Latin; by Christian August FREGE; x, 116p. 12°; tp. engraving after the drawing of C. D. Fritzsche, Hüllmann sculps.; title reads: "Ueber des Weibes Adel und Vorzug vor dem Manu".

.53 Paris, printer, 1801.
Copy: Wien; Paris; BM;

French transl. by Roëtitz (that is, François PEYRARD, mathematician, 1760–1822) with commentaries the last paragraph of which is supposedly obscene; viii, 124p. 12°; "De L'excellence et de la supériorité de la femme audessus de l'homme". A copy in the U. S. described by Kate C. H. MEAD in Bull. Hist. M., Balt., 1940, 8: 285–90, but the bibliographical and biographical data are incorrect.—Rarior.

.54 Paris, Louis, 1803.

Copy:

If it exists, it is the reprint of the 53. ed.

.55 Grimma, printer, 1852.

Copy: BM; Coll. Phys. Phila.

German transl. in the re-issue of H. FREDER: Gründliche Erörterung; "Antigynaecomastix, oder Frauenanwalt".

.56 New York, Amer. News Co., 1873.

Copy: Libr. Congr.

Transl. from the 1713 French translation of Arnaudin. 24p. 18cm.

.57 Kraków, Univ. Jagielloński, 1891.

Copy: Berlin; München; Wien; BM; Harvard

Reprint of the Polish transl. of 1575 (ed. 19); 58p.; 8°; forms No. 14 of Bibl. pisarzów polsk.

.58 *Paris, Masson, 1910.

SGL:

Copy: SGL, etc.

French transl. by Alexis BERTRAND, professor at the Univ. of Lyon; published in the Arch. anthrop. crim., 1910, 25: 112–146; with a preface of the translator; "Grandeur et suprématie des femmes"; full translation, the dedication included. ¶Nonexistent or doubtful: (1) Köln, 1597; in Op. 12; (2) 1632, sine loco; (3) s-Gravenhage, 1686; Dutch transl.; (4) s-Gravenhage, sine anno; French; 2 vol.; (5) Paris, 1726; (6) 1773; German transl. in Op. 12.

230 Op. 17: De occulta philosophia libri tres.

Written about 1510; it is a systematic description of magic as exercised by the ancient and modern magicians. The first editions contained only three books; later, a 4. book has been added to the work, but this is held apocryph by many. His study of the magical sciences was mostly objected to by 16. century Christian scholars. Even in the 17. century, one found it necessary to write against Agrippa's Occult Philosophy. See, e. g., J. BELOT: Les fleurs de la philosophie Chrétienne, Par., 1603. There were several surreptitious editions between 1531 and 1533 before the first authorized publication had been issued at Köln.

(a) Antwerpen, J. Graphaeus, Febr. 1531.

Copy: Bodleian; Darmstadt; Hamburg; Faenza(?)

Surreptitious and incomplete; contains the 1. Book only; (90)f. 4°; f.(1) title: "Henri/ ci Cor. Agrippae / ab Nettesheim a Consiliis a / Archivis Inditiarii sacrae Cae- / sarcae Maicstatis. De occulta / Philosophia Libri Tres"/; f.(1v) privilege in French; f.(2v) to the reader; f.(4r) dedication to Johann of Trithem; f.(5r) letter of Trithem to Agrippa; f.(6r) letter to Herman von WYDE, archbishop of Köln; dated Mechlin, Jan. 1531; f.(7r): index of the first book; f.(12v) blank; f.(13r) portrait of Agrippa's wife; f.(13v) epigram by Hilarius Bertulf; f.(14) blank; f.(16r); f.(89v) text; colophon; f.(90v) errata; f.(90v) device.—Extremely rare.

(b) Paris, Chr. Wechel, 1531.

Copy: Berlin; München; Univ. Paris;

Second surreptitious edition, being a reprint of the Antwerpen edition; the first book only; (16)f. 206p. (1)f. collation variously given).—Rarior.

.1 (Köln, J. Soter, July 1533)

Copy: Berlin; München; Wien; Paris; BM; Pennsylvania Univ.; Libr. Congr.; Williams Coll.; Greenville Pub.; Harvard; Huntington; Coll. Phys. Philadelphia.

The first authorized edition containing the authentic three books. The printing of the work began already in 1532, but the sheets were seized by Conrad COUILLON, and it took some time until the magistrate of Köln allowed the continuation of printing. (See life of the author).

(6)f. CCCLXIIp.; fol.; with portrait of author, 204 woodcut initials, and 8 astrological woodcuts. There are mentioned six different variants of this edition; two of them are differentiated as follows: (a) on p.19, the line 36 reads "cuivis" in the A variant, "cuius" in the B variant; (b) on p.198, line 6 reads "divinatio" in the A variant, "dominatio" in the B variant; copy of Coll. Phys. Phila. is the B variant.—Very rare edition; £2 (1931); 33RM (1932); 60RM (1933); £8-10 (1939); £0-32-6 (1939); 460 lire (1940).

.2 (place, printer) 1541.

Copy: München; Wien;

4°; CXCH f.; reimpression of E. Pr.—Rarissimum.

.3 Marburg, publisher, 1559.

Copy: München; Paris;

Contains only the apocryphal 4. book; 118p. 8°; "... Liber quartus de occulta philosophia, seu de cerimonis magicis"; also P. ABANO: Elementa magica.—Rarissimum.

- .4 (Basel) publisher, 1565.
Copy: Breslau; Göttingen; Harvard.
Only the 4. apocryphal book; 173p. 8°; also P. ABANO: *Elementa magica*; a reprint of 3. ed.
- .5 Basel, publisher, 1567.
Copy: Pennsylvania Univ.
Only the 4. Book; 172p.; (probably a reprint of 4. ed.) Very rare.
- .6 (Paris, Jac. Dupuys, 1567)
Copy: Berlin; Münster; Marburg; BM; Yale.
All four books; 16p, l. 668p.; 8°; probably the same as one ed. by the "Beringi Fratres" (q. v. for contents)
- .7 Lugduni, Beringi fratres, 1600.
In the Op. omni.
Under the fictitious name of the Bering brothers, with fictitious place of publication, and date, the magical works of Agrippa and others have been published repeatedly. They are as follows:
(a) Lugduni, n. d.; 2 vol. 694p.; 1156p.; 8°; contains Agrippa's Op. 17, two of his orations, his Op. 12. Abano's Heptameron (=Elementa magica), Plinius: Ratio compendiarum magiae naturalis, the spurious 4. Book, Disputatio de fascinationibus, De daemoniis, Gerard of Cremona: Geomantia astronomica; Arbatel de Magia, De incantatione et adjuratione collicque suspensione epistola, Tritheim De steganographia, Diversa divinationum genera; copy: Berlin, München, Wien, Münster, Coll. Phys. Phila.; Pennsylvania Mus. Art; Univ. Chicago; Libr. Congr.; Harvard; Johns Hopkins; Lehigh; Amer. Antiqu. Soc.
(b) an undated edition with 677p.; copy: Berlin, München;
(c) Lugduni, 1550; 586p. 8°; (only the three authentic books?) copy: Breslau, Bonn, München, Paris; Harvard; Penns. Mus. Art.
(d) Lugduni, 1567; 668p. 8°; contents as in (a) ed. of the Bering brothers; copy: Berlin, München, Paris, BM; this may be identical with the 6. ed. (q. v.)
(e) Lugduni, 1580; 2 vol.; copy: Berlin, München; the best of the Bering eds according to Jöcher;
(f) Lugduni, 1600; copy: BM;
.8 (place, printer) 1615.
Copy:?
The three books; offered for sale by Sotheby in 1934.—10 shill. (1934).
- .9 Mecheln, publisher, 1633.
Copy:?
4°; "Occultae philosophiae libri tres; item de Magia naturali"; contains also De magia mathematica, De geomantia et necromantia, Theurgia, Cabbala, Praestigia (all by Agrippa?); some of these titles seem to be chapters taken from Op. 12.
- .10 London, R. W. for Gregory Moule, 1651.
Copy: BM; Phila. Pub.; Huntington; Harvard; Princeton; Pennsylvania Univ.; Amer. Antiqu. Soc.; Union Theol. Seminary.
English transl. by (Horne) J. F.; (4p.; 24p.) 583p. 12p. last p. blank; 4°; one folding table; frontispiece, portrait; contains only the three authentic books.
- .11 London, J. C. for John Harrison, 1655.
Copy: BM; Libr. Congr.
English transl. of the 4. spurious book by Robert Turner; 8. p. l. 217p. 4°; contains also translations of ABANO: Magic elements; GERARD of CREMONA: Astronomical geomancy; G. PICTORIUS: The nature of spirits; ARBATEL: Magic, etc.—The 10. and 11. ed. is usually sold together as one work. £5-15 (1930); £1 (1932); £3 (1933).
- .12 London, J. C. for Tho. Roods (Rooks?) 1665.
Copy: BM;
Re-issue of the 11. ed.; only the 4. book; 206p. 4° £3-3 (1940).
- .13 (place) publisher, 1702.
Copy:
French extract from Op. 17; 12°; "Le Grand Grimoire avec la grand Clavicule de Salomon et la magie noire, ou les forces infernales du Grand Agrippa" ... etc.—6RM (1902). (By Antonio Veneziano?)
- .14 's-Gravenhage, R. C. Alberts, 1727.
Copy: Wien; Greifswald; Paris; BM; Libr. Congr.; Phila. Pub.
French by A. Levasseur; 2 vols; 8°; transl. of the 1567 ed. of the Bering brothers; nice and rare, with illustrations.
- .15 Roma (fictitious) publisher, 1744 (i. e. ca 1800?)
Copy:
French; in "Les oeuvres magiques de ... Pierre d'Aban."

144964—Vol. 6, 4th Series—54

- .16 London, printer, 1783.
Copy: Harvard; Libr. Congr.
English translation (new? or reprint of 1651-55?); 8°—£2-5 (1934)
- .17 (Liège, publisher) 1798.
Copy: Harvard.
French; in ABANO: Les oeuvres magiques.
- .18 Roma(?) printer, 1800.
Copy:
As ed. 15.; 18°; 108p. 4 plates; place of publication fictitious; Latin and French text.
The same work has been repeatedly published in the 19. century with fictitious imprints: (a) ca 1830; (b) ca 1850.
- .19 *Stuttgart, J. Scheible, 1855.
SGL:91181
Copy: Berlin; München; BM; SGL; N. York Pub.; Libr. Congr.; Harvard.
224p.; p.(1)-(6) unnumbered; text 100 x 65 mm; Gothic; few illustrations; text on p.29-209; p.210-221 advertisement. An abstract in German from the Occult Philosophy of Agrippa; ed. by Friedr. Barth; forms No. 4 of Kleiner Wunder-Schauplatz d. geheim. Wiss.; includes 27 chapters, mostly from the apocryphal 4. Book; title reads: "Die Cabbala des Heinrich Cornelius Agrippa von Nettesheim." Reprinted 1886; copy Dropsie College.
- .20 Stuttgart, J. Schieble, 1855-56.
Copy: München; Libr. Congr.; Harvard.
German transl. of P. Abano's magical works; containing also extracts from Agrippa; 5 vol., forming No. 7-No. 11 of Kleiner Wunder-Schauplatz d. geheim. Wissenschaften.
- .21 (Firenze?) Atene, 1880 (?)
Copy: BM.
Italian abstract from the apocryphal 4. Book; 224p.; 12°; "Il libro del Comando, ovvero l'arte di evocare gli spiriti."
- .22 (place, publisher) 1881-82.
See in PROST: Cornille Agrippe.
- .23 Inwood, N. Y., E. Loomis & Co., 1897.
Copy: N. York Pub.
Engl. translation; 288p.
- .24 Chicago, Hahn & Whitehead, 1898.
Copy: BM; John Crerar; Newberry; Libr. Congr.; Boston Pub.
Revised version of the English translation of J. F. (see ed. 10); 288p.; 8°; frontisp. portr. illustr.; 6 plates, one facsimile; "Three books of occult philosophy or magic", but contains only Book 1: Natural magic; ed. by Willis F. Whitehead.—\$3 (1939).
- .25 Paris, Chacornac, 1910-1911.
Copy: N. York Pub.; Harvard; Cleveland Pub.; Yale.
French translation in 2 vols; transl. by F. Gaboriau; v.1: XXX, 447p.; v.2: II, 350p. 8°
- .26 Paris (Dujols & Thomas) 1911.
Copy:
French translation of all 4 books; 2 vols; portr. illustr.; 8°; "La philosophie occulte."
- .27 Chicago, Laurence, 1913.
Copy: Libr. Congr.
"The philosophy of natural magic"; ed. by Dr L. W. de Laurence; 315p. 23cm.
- .28 Berlin, Barsdorf, 1916.
Copy: Berlin; Marburg; Bonn; Harvard.
German translation; the same as ed. 20; "Magische Werke"; called "3. Auflage"; 5 parts; forms v.10-v.14 of Geheime Wissenschaften.
- .29 Berlin, Barsdorf, 1921.
Copy: Breslau; Halle; Univ. Chicago; Newberry; N. York Pub.
Reprint of ed. 28.
- .30 Kiel, Scheible, 1921.
Copy:
Reprint of ed. 19; 224p.; forms No. 4 of Wunder-Schauplatz. Nonexistent editions: (a) Lyon, 1553; referred to by Linden; (b) Paris, 1910; this is the magic work of "Arbatel" occurring in several editions of the spurious 4. Book of the Occult Philosophy; (c) Malines, 1529; (d) Malines, 1531; the place in the date of dedication has been taken as the place of publication; e) 1547, Liège; f) 1835, Stuttgart.
- .231 Op. 18: Oratio in funere Margeritae Austriacorum at Burgundiorum principis.
Margaret died at the age of 52; the panegyric written in 1530 by Agrippa as the official historiographer of the court.

.1 Antwerpen, M. de Keyser, June 6, 1531.
Copy: 's-Gravenhage.

28f; 8°; sigs A-G⁴; Roman; dedicated to Joh. Carundeleit, Archbishop of Palermo, dated Mechlin, Dec. 23, 1530; f.(1r) title-page; f.(1v)-(2v) dedication; f.(3r)-(28r) text and colophon; f.(28v) blank.

232 Op. 19: Orationes decem.

The orations were publicly held at various occasions.

.1 Köln, J. Soter, 1535.

Copy: BM; Paris; Berlin; Wien; Göttingen. Chicago Univ.

151p. A-I⁸K⁴; 8°; contains also his Op. 11 and the epigrams.

†The orations were also published in the Op. omn. Non-existent: (a) 1515; Ref.: Gautier.

233 Op. 20: De originali peccato, disputabilis opinionis declamatio.

The nature of the original sin was a favorite topic of Agrippa. Op. 26 discusses the same problem; dedicated to Theodor, Bishop of Cyrene, residing at Köln. Written in 1518.

Text: "In principio libri Genesios ... (ends) nisi quatenus a Sancta Christiana Ecclesia non fuerit reprobata."

.1 *Antwerpen, M. Hillen van Hoochstraten, Apr. 1529.

Issued in his Opera; also in later editions of his selected works and Op. omn.

234 Op. 21: Contra pestem antidota securissima.

Written in 1518 in Metz; contains his experiences obtained at the time of an epidemic of plague; dedicated to Theodor, Bishop of Cyrene, at Köln.

Text: "Quod vivendi regimen pestilentialium tempore servandum sit ... (ends) inque parvum fuerit per ignis artificium purgata, et ad simplicitatem suam congrua lotionem redacta. Sed de his alias."

.1 *Antwerpen, M. Hillen van Hoochstraten, Apr. 1529.

In his Opera; on f.K_{1v}-K_{7v}. Also to be found in all other editions of his Opera selecta and Opera omnia.

.(b) *Köln, Matthaeus Smitz, 1625.

Copy: NYAcadM; SGL.

On p.158-68, of P. POTIER Insignes curationes.

235 Op. 22: Pronostics astrologiques.

.1 (place, printer, 1526?)

Nothing definite could be found on the existence of such a publication.

236 Op. 23: Querela super calumnia ob eandem Declamationem.

Further defense of his Op. 12; for editions see under Op. 1.

237 Op. 24: De sacramento matrimonii declamatio.

Written in 1521; dedicated to Margaret of Austria; a work which caused the author much trouble both with the courtiers and with the monks. He believes that marriage is a human bond for solace, for generation, and for the preservation of chaste life; celibacy increases lust, but one should choose a wife from love; is against divorce of any kind.

Text: "Sacramentum matrimonii antiquissimum ... (ends) cum illo, ut confundatur tanquam reprobatus a Deo & a fidelium consortio alienus."

.1 Lyon, publisher, 1526.

Copy: Unknown.

In his Opera (q. v.)

.2 (Lyon, printer, 1526?)

Copy: Paris.

French translation by the author; 16°; Gothic letters; "Bresve déclamation du saint sacrement de mariage."—Rarissimum.

.3 London, John Scot, 1528.

Copy: Huth Libr.

English translation; by John Harington; 12°; extremely rare.

.4 *Antwerpen, M. Hillen van Hoochstraten, Apr. 1529.

In his Opera; f.D_{5v}-E_{4r}.

.5 Antwerpen, M. de Keyser, 1530.

Copy: Paris.

In his Op. 16, f.(47r)-(64r); French translation: "Briefve declamation di saint Sacrement de mariage."

.6 London, T. Berthelet, 1540.

Copy: BM; Huntington.

English by D. Clapham; 8°; "The commendation of matrimony."

.7 London, Thom. Berthelet, 1545.

Copy: BM; Folger.

sigs A-C⁸; 8°; Clapham's English translation; dedicated to Gregory Cromwell, son of Lord Cromwell.

.8 Köln, A. Hierat, 1598.

In his Op. 12.

†Further editions either with Op. 12 or with Op. 16.

238 Op. 25: Pro Samuele Pufendorffio ad iniquos Pufendorffii censores.

Not by Agrippa; Samuel Pufendorf was born 1632. Agrippa's name has been used as a pseudonym by a 17. century writer. Such a work is, however, listed under Agrippa by the Gesamtkatalog der Preussischen Bibliotheken.

239 Op. 26: De triplici ratione cognoscendi Deum.

Written ca 1516, and dedicated to Gulielmo Paleologo, marquis of Monferrat; divided into 6 chapters.

Text: "Eternitatis Dominus universorum principium medium et finis ... (ends) ... a spe vitae et salutis aeternae alienus est."

.1 *Antwerpen, M. Hillen van Hoochstraten, Apr. 1529.

In his Opera. f.F_{2v}-H_{4v}. Also in other editions of his Opera.

240 Op. 27: De vita monastica sermo.

.1 Lyon, printer, 1526.

In his Opera (q. v.)

.2 (Köln, publisher) 1532.

In his Opera, 3. ed.

†Lost work: 1. Dialogus de homine qui Dei imago est.

AGRIPPA, Livio Luigi, fl. ca 1528?

Unknown; probably of Monferrato; contemporary (?) of Heinrich Cornelius Agrippa, who also spent some time at Monferrato. He may be the translator of the anonymous Italian translation of ALBERTUS MAGNUS: Liber aggregationis.

241 Op.: Discorso sopra la natura et complessione humana.

Includes also three tables: (a) anni climacterici; (b) hours of day and night with the planets which are ruling them; (c) table of sunrise for the year, and changes of the moon. An astrological superstitious treatise describing the influence of the stars and planets according to the ages of a growing man from his birth to his 100. year; there is also a brief enumeration of the correlations of the shape of various organs with the character of a man (physiognomy).

Text: "I' esser differenza da una natura all'altra, questo si fa in virtù di quel pianeta ... (ends) e se li numeri passeranno 30. si butta 30. & l'epata restera (followed by 4 epactal tables)."

.1 Venezia, printer, 1528.

Ref.: Panzer.

Copy:

In the Italian translation of ALBERTUS MAGNUS Liber aggregationis, a spurious work; "Trattato delle herbe, delle piante e delli animali."

.2 *Firenze, no printer, 1592.

Copy: SGL.

(8f. sigs A⁸; text 12 x 7cm.; Roman; tp in border; f.A_{1r}: title reads: "Secreti/ medicinali/ nuovamente dati in luce/ ... con un discorso di Fisionomia"; according to the imprint, the work has been already printed in Venezia, Verona, Ancona, Urbino, Milano, Piacenza, Luca, and is now reprinted at Firenze; f.A_{1v}: woodcut of the profile of a head with marks showing the relation of the different parts of the face to the internal organs; f.A_{2r}-A_{4r}: text of "secreti"; f.A_{4v} to end: Discorso di fisionomia. F. A_{8r}: printer's device; f. A_{8v} blank.—Extremely rare.

.3 Napoli, C. Vitale, 1604. 4°

Copy: Paris.

.4 Milano, G. B. Bidelli, 1621.

Copy: Greifswald; Göttingen; BM; Mass. Histor. Soc.

30p.; 8°

.5 *Venezia, Christoforo Tomasini, 1644.

Copy: BM; SGL.

Issued in Giambattista DALLA PORTA: Della fisionomia dell'uomo; p.561-570 and (2)f. tables; for description of volume see under DALLA PORTA. On p.570 there is an example of calculating several days of the years 1601 and 1602 by means of the tables.

.6 (place, printer) 1668.

Published in DALLA PORTA La fisionomia, etc.

.7 Paris, printer, (sine anno)

Copy: Paris.

French translation by P. C. A.; 16°; "Discours de la nature et complexion de l'homme."

AGRYPPA.

See Agrippa.

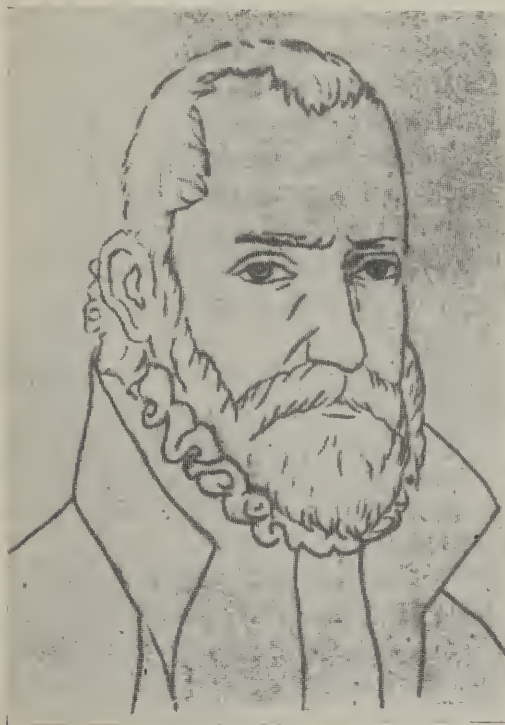
AGÜERO, Bartolomé Hidalgo de, 1531–1597.

Syn.: Bartheleme Hidalgo; Hidalgo de Agüero.

Physician and surgeon, called the Spanish Paré. B. Sevilla, 1531; stud. med. at Sevilla as the pupil of Juan de Cuevas and Afonso Lacuadra; was a very successful surgeon at Sevilla, where he practiced at the Hospital del Cardenal; also professor of surgery at the Sevilla university, and teacher of Ponce de León; about 1584, he began his literary career with writing a surgical treatise (*Avisos de cirugía*), and became involved in a polemic with Frago, surgeon of Felipe II; wrote 14 surgical works, which were ready for publishing in 1596, yet were not printed until 1604, seven years after the author's death; died at Sevilla, Jan. 5, 1597.

He was a severe critic of the surgical practice in Spain, and advocated his method of "via particular" or the dry method of wound treatment against the "via común" or the instrumental and wet method of treatment.

Portrait reproduced from Ciba Symposium, 1940.



242 Op. omnia: Tesoro de la verdadera cirugía y via particular contra la comun.

According to the preface of the editor, who was Francisco Ximénez Guillen, the author's son-in-law, this work is a veritable treasure of surgery which makes anyone a skilled surgeon at home; it contains 14 numbered treatises, as many independent works, and several unnumbered works. The first treatise deals with surgery proper, describing the treatment of head injuries, cranial fractures, treatment of aneurysm (chapt. 9), wounds, nerves, fistulas, the French disease (chapt. 19), cancer, smallpox, the instruments of anatomy (chapt. 30), etc. The method promoted by the author is the "via particular", i. e. treatment without wet applications or instruments. It is claimed that the new method reduced the time for wound healing from 6 months to from 7 to 14 days. The work contains also references to AMERICA (p.275 of 3. ed.).

Text: "El intento de este libro es ... (ends, 14. treatise) ... los demas podran cada qual ver en los Praticos que dellos tratan".

.1 Sevilla, printer, 1604.

Copy: Sevilla Univ.

Fol. with portrait of author (omitted in later editions). Does not contain the 14. treatise (Tabardillo)

.2 Barcelona, printer, 1624.

Copy: Madrid;

Dedication to Diego Hexarch; approbation by Bosser, proto-medicus of Cataluña. 42—Rarior

.3 *Valencia, Claudio Macé for Crespin Roman, 1654.

SGL:120655

Copy: Sevilla; SGL;

The most complete edition of the author's works. (6)f. 400p.; sigs: §A–Z, Aa–Mm⁶ Nn²; SGL copy defective: p.37–52, 107–134, and the last leaf missing; text 245 x 150 mm; Roman, with dedication and chapter headings in Italic; few floreated hollow initials, diagram (p.81); primitive double woodcut on tp.: St Cosma and St Damian;

f.(1): title: "Tesoro / de la Ver- / dadera Cirugia / y via particular con- / tra la comun/" ... etc.; woodcut, and imprint; f.(1v) blank; f.(2r): censure by Dr Dionisio Daza CHACON, physician and surgeon of Felipe II, dated March 25, 1596; f.(2v): privilege for present edition, in Catalan language, dated Valencia, June 15, 1652; f.(3r)–(4r): prologue of the editor, Dr Francisco Ximénez Guillen, to the reader; f.(4v): sonnet to Sevilla; f.(5r): sonnet to the author; f.(5v): poem of the editor: Encomion in autorema; f.(6): an alphabetical dictionary of medical terms for the layman; p.1–400; text; (defective end)

The following treatises are contained in this edition:

1. The la verdadera cirugía; 77 chapters;
 - (a) Recopilación de las opiniones y modos curativos que ha auido en cirugía; 26 chapters; a sort of history of surgery;
2. De evacuaciones.
3. De la sangría.
4. De heridas; 25 chapters;
 - (b) Fundamentos y preceptos de la via particular; 28 principles;
 - (c) Breve suma de las razones de la via particular;
 - (d) Antidotario general; a great number of prescriptions;
 - (e) Respuesta a las proposiciones (Or. Suma de las proposiciones) que el Licenciado Frago enseñá, contra unos avisos particulares de cirugía; 46 propositions and as many answers; written 1585;
5. De la definición de la cirugía y de los apostemas en general; 13 short chapters;
6. De teoría de cirugía; in the style of the questions of examination boards.
7. De l'anatome del cuerpo humano; 87 chapters;
8. De la historia del ojo; 4 short chapters;
9. De apostemas; 15 chapters;
10. De la definición de la ulcera y de sus diferencias; 16 chapters.
11. De fracturas; 18 chapters;
12. De dislocaciones; 12 chapters;
13. De peste, 5 chapters;
14. De tavaridillo; 6 chapters.

*Nonexistent editions: (a) Sevilla, 1584; editions of the independent works are sometimes mentioned by biographers, but no copy of them was ever seen.—SGL copy bd in vellum; previous owner Fra Felis de Cadiz, at the Capuchino Enfermeriade de Malaga.—Rarior.

AGUILAR, Francisco, fl. ca 1590.

A little-known physician, who was born at Valencia, studied and practiced there at the end of the 16. century. His name appears on a Latin treatise written against Bernardo CAXANES, who in 1592 published a pamphlet criticizing the Valencian physicians. The true author is said to be his professor, H. POLO.—Could he be identical with Francisco Aguilar, the poet?

243 Op. Pro Valentina medicorum schola adversus Bernardum Caxanes ... De febrium putridarum curatione liber.

Criticism of the work of B. CAXANES, physician at Barcelona; chapter by chapter the author analyzes the arguments of the Barcelona physician, and attempts at a thorough defense of the treatment of putrid fevers as taught by the Valencian medical school.

.1 *Valencia, Philip Mey, (1594) 1593.

SGL:312452

Copy: SGL;

(2)f. (9)f. p.1–222; pagination begins on f.B_{2r}; text 115 x 75 mm; Roman; the 2 unnumbered pages are prefixed; sigs A–P²; there are two titlepages; First tp.: "Pro Valenti- / na medicorum schola / adversus Bernardum Caxanes / Barcinonensem Medicum / De febrium putridarum curatione liber/ auctore Francisco Aguilar Medico Valentino/" ... etc.; the imprint has the date 1594; the verso of the tp. is blank; the 2. preliminary leaf carries a dedication to the consuls of Valencia (on recto) and words of the printer (on verso) dated "VI. Id Januar. MDXCIV"; f.A_{1r}–A_{2r}; privilege in Catalan language, dated Aug. 1593; also ecclesiastical privilege dated Sept. 1593; f.A_{2v}–A_{3v}; preface of author to the Medical School of Valencia; f.A_{4r}–B_{2r}; letter of author to Bernardus CAXANES; p.1–222 text: "Multiplex, ac varia est tractandi ac docendi artes, et disciplinam ratio ... (ends) unguem ullo modo discedant".

There is no other edition; the present edition is identical with the reference made by LINDEN to the subtitle of this work and with the 1593 date of publication.

AGUILAR, Pedro de, 1514–(before 1600)

B. at Antequera, small village in Grenada (Spain), in 1514; he was a soldier, captain, and a horseman; once he was held captive at Tunis; his Op. 2, which has much interest for veterinary medicine, has been finished 1570; his date of death is not known; memoirs of his captivity at Tunis were published recently.

244 Op. 1: Memorias del cautivo en la Goleta de Túnez.

- .1 Madrid, Aribau, 1875.

Copy: Paris, etc.; Princeton; Libr. Congr.; Bryn Mawr College.

xx, 311p. 23½cm. 8°; edited by Pascual de Gayángos y Arce (1809–97)

245 Op. 2: Tractado de la cavalleria de la gineta.

- .1 Sevilla, Hernando Díaz, 1572.

Ref.: Salvá;

(4)f. 84f. (4)f.; 4°; print. device.—800 pesetas (1913).

- .2 Málaga, Juan Rene for I. de Cea, 1600.

Ref.: Salvá;

Copy: BM; Hispanic Society.

(12)f. 96f. (6)f. several woodcuts; 4°—500 pesetas (1913).

AGUILERA, Antonio de, 1533–(ca 1591?)

Syn.: Aquilera;

B. at Junquera in Catalonia in 1533 (his own data); stud. medicine and pharmacy at the University of Alcalá de Henares; settled at a small village, at Atienza in Guadalajara, where he was the physician of Don Fernando de Silva, Count of Cifuentes; to whom he dedicates his Op. 1 in 1566; his Op. 1 was published in 1569; later, he was honorary physician at the Spanish court; date of death unknown (ca. 1591?)

246 Op. 1: (commentaries) MESUE(= Mása-waih al-Márdíní) De medicinis universalibus et particularibus.

The author was interested in the education of Spanish pharmacists, and in the standardization of the methods of drug dispensing. The present work describes the qualities of a true pharmacist, the necessary training, and, in the form of a dialogue between Apollo and Curio, selected chapters from Mesue's work on pharmaceutical preparations and the methods of decoction, maceration, etc., are discussed.

Text of commentaries: "Es crive Hipocrates varon cierto, insigne, y fuente de la arte ... (ends) muchas particularidades en griego y de pliego. Lau Deo." He was 33 years old when he composed this work.

.1 *Alcala de Henares, Juan de Villanueva, 1569. SGL:312153

Copy: SGL;

(4)f. 239f.; sigs: A–Z, Aa–Hh⁸ (the last leaf, f.Hh⁸ missing in SGL copy); text: Roman for commentaries; Italic for Mesue's text, and for prefaces; text 110 x 65 mm; heraldic device on tp.; Ar: title: EXPOSICION SO/bre las preparaciones de Mesue, agora nuevamen/ te compuesta por el doctor Antonio de Aguilera na/ tural dela villa de Yunquera y residente/ en la ciudad de Guadalajara./ ... etc.; woodcut and imprint; f.A_{1v}: approbation by Dr Juan Gutiérrez, dated Madrid, April 1, 1566; also privilege signed by Pedro del Marmol, May 1569; f.A_{2v}–A_{3v}: privilege royal dated, April 15, 1565; f.A_{4r}–A_{4v}: preface of the author; f.1_r–f.6_v: dedication to Fernando de Silva by the author; f.7_r–f.12_v: preface: "Visto que es imposible ... en la facultad y arte de la medicina"; f.13_r–f.239_r; text; f.239_v blank; (f.240, missing; probably blank?).—SGL copy bd in leather.—Rarissimum.

247 Op. 2: Praeclarae rudimentorum medicinae libri 8.

Written in 1562, when the author was "siendo de edad de treynta años"; the original manuscript consisted of 215 leaves. It is a compendium of medicine; the author called it "Enchiridion de medicina".

- .1 Alcalá de Henares, J. Villanueva, 1571.

Copy: BM;

164f.; fol.—Rarior.—30 pesetas (1913).

248 Op. 3: Apologia por el hábito de Santo Domingo.

- .1 Alcalá de Henares, printer, 1572. 4°

Copy:?

Whether by him?; Antonio mentions also a manuscript with the title: De varia curandi ratione, which is very probably his Op. 2.

AGUILERA, Juan de, —after 1555.

Physician, mathematician, and astrologer in the first half of the 16. century. He was professor of astrology at the University of Salamanca from 1528 to 1536 or later; according to the testimony of Andres de LAGUNA, he was also papal

physician to Paul III (Pope 1534–49) and Julius III (Pope 1550–1555); probably for his services as a papal physician, he received the office of the treasurer of the Church of Salamanca; after 1555, nothing is known of him. He wrote on the astrolabe in 1528, and on mnemonics in 1536.

249 Op. 1: Ars memorativa.

- .1 Salamanca, printer, 1536.

Copy: BM;

25f.; 8°; Gothic; very rare.

250 Op. 2: Canones astrolabii universalis.

Dedicated to Luis Vacca, Bishop of Salamanca; the work is 'non solum astronomis verum etiam palamophilis, medicis, ac theologis' useful.

- .1 Salamanca, printer, 1528.

Ref.: Antonio;

Copy:?

- .2 Salamanca, A. Portonario, 1554.

Copy: BM;

144f.; 8°; in 4 Books.—Rare.—30 pesetas (1913).

AGUILON, Francois, S. J., 1566–1617.

Syn.: Aguilonius; Agulonius; Aquilonius; Aguilon.

B. Bruxelles, 1566 (not in 1530 or 1567); son of the secretary of Felipe II, King of Spain; he became a Catholic priest, and received the tonsure by Cardinal Granvella in 1577; entered the Jesuit order, 1586; then he studied at Douai, where he later was teaching theology and philosophy; travelled in Spain; returns to the Netherlands in 1596; at Antwerpen and Louvain, rector, and professor of theology and mathematics; made the plan for the Jesuit church at Antwerpen (not Rubens); in the early years of the 17. century he finished his chief work on optics, and continued his studies on catoptries and dioptries, which, however, was left unfinished owing to his death; died at Antwerpen, March 20, 1617.

251 Op.: Opticorum libri sex.

Written before 1611; the result of much personal study and observation. The six Books are: 1. anatomy and construction of the eye; 2. the explanation of the optical rays, optical axis, and horopter; 3. the vision of size, distance, shape, site, perspective, motion, etc.; 4. optical illusions; 5. lights and shadows (including the principles of the camera obscura); 6. the science of projections, orthographic, "stereographic", and scenographic. He holds that the primary organ of vision is the "tunica aranea", which begins in the retina, and through the optic nerve it enters the brain. Many interesting observations on comparative physiology of vision.

.1 *Antwerpen, Off. Plantiniana, widow and sons of Joh. Moret, 1613. SGL:117121

Copy: Berlin; München; Wien; Coll. Phys. Phila.; SGL; Harvard; John Crerar; N. York Pub.

(24)f. p.1–684; (22)f.; sigs: for the preliminary leaves *—****, and for the index leaves Mmm–OooPpp; text 270 x 145 mm; Roman and Italic letters; many woodcut diagrams, and seven engravings in the text; title-page also engraved; many ornamental initials.

f._{1r}: half-title: "Optica / Agvilonii"; f._{1r}: blank; f._{2r}: engraved title-page designed by Rubens and made by Corn. Galle; it is an architectural design with symbolic figures of Mercur holding the head of Argus, Minerva and Juno(?); imprint at bottom surrounded by geometrical figures; title reads: "Francisci / Agvilonis / e Societate Jesu / Opticorum / libri sex / Philosophis iuxta ac Mathematicis / utiles /"; f._{2v}: blank; f._{3r}–f._{3v}: dedication to Imigo de Borgia, governor of Antwerpen; f._{4r}–f._{4v}: author to the reader, giving contents and scope of the work; f._{5r}–****_v: contents; p.1–684: text; f.Mmm_r–Ppp_r: alphabetical index, with errata at end; f.Ppp_v: two approbations, and a privilege dated Jan. 15, 1612, Dec. 9, 1611, Jan. 20, 1612; f.Ppp_r: printer's device; f.Ppp_v: blank.—SGL copy bd in leather; Ex-Libris of William Abbot, Fellow of the St John's College, Cambridge.

The copper-plate engravings are all in the style of RUBENS. They are: 1) the title-page (see above); 2) on p.1, 100 x 145 mm, old scholar in Roman toga at left, sitting with an unrolled scroll of paper on his knee, examining an excised eye fixed with four nails on a stone block; five amorettes helping him; at right, dissecting instruments, the bearded head of a cadaver with an opening cut into the frontal bone, and examined with a sound by an amorette; 3) on p.3, 55 x 145 mm, six figures of the eyeball and lens, showing the choroid, bloodvessels, and a cross-section of the bulbus; 4) on p.105, 100 x 145 mm, scene on a mountain side, with an old man and amorettes measuring the height of the Colossus of Rhodes; 5) on p.151, 100 x 145 mm, interior scene in a library with a sitting old man, who with one eye closed attempts at guessing the size of a short rod held before him by three amorettes; 6) on p.195, 100 x 145 mm, an interior scene in the same style, with an old man kneeling in front of a table, on which two circles are exhibited on a vertical board for the symbolization of optical illusions, with amorettes looking on; 7) on p.356, 100 x 145 mm, old man and two amorettes around a table studying the results of a light beam thrown through holes on a vertical board; 8) on p.452, 100 x 145 mm, scene with three amorettes, one holding a torch, and the old

man holding a spherical framework the shadow of which is thrown upon the ground and is measured by one amorette.

.2 Würzburg, printer, 1685-86. fol.

.3 Nürnberg, printer, 1702. fol.

AGUILONIUS.

See Aguilon.

AGYNODAMUS ENNOSIGERPIUS.

See Oliverio, Antonio, in the 17. ct. list.

AHARIZI, Yehudah.

See Alharizi in the 14. century.

AHMAD ibn 'ABDULLAH (at-Tulaitilī)

fl. 1504.

Syn.: Agmer ben Ab-Dala; Aluned ben Abdala; not to be confused with Ahmad ibn 'Abdullah of Morocco, ca 1610, or with the historian Ahmad ibn 'Abdullah ibn Muhanunad ar-Rāzī, ca 1586.

He was a physician in Spain, and practiced in Toledo (hence at-Tulaitilī); in 1504, he wrote his Op. in the Arabic on the mineral waters of Salam-Bir.

252 Op.: *Tratado de las aguas medicinales de Salam-Bir que comunemente llaman de Sacedon*. The Arabic Salam Bir was the village Sacedon, 30 miles SE from Guadalajara; its sulfurous warm springs, about 2 and a half miles away from the village, were known as Thermida (recently called La Isabela).

.1 Madrid, A. P. de Soto, 1761.

Copy: Paris;

4^o; written in Arabic in 1504, and translated by M. Pizzi y Franceschi.

Two theological letters, published in Rostock, are not by this author, but by the Moroccan Ahmad.

AHMAD ibn MUṢṬAFA.

See Tāshköprüzāde.

AHMAD ibn MUṢṬAFA ibn al-ATTAR,

fl. 1568.

He was the son of an apothecary in Turkey, and practiced as physician at Adrianople (=Edirne) about 1568.

253 Op. (translator) ABU DAHIR ibn MUHAMMAD (Science of the bodies)

Turkish translation from the Arabic original. MS.

Copy: Firenze;

AIALA.

See Ayala.

AICARDI, Paolo, -1607.

Syn.: Aicardus; Aicardius; Aicardo;

B. in the first half of the 16. century at Albenga, a small coastal village 50 miles SE of Genova; stud. medicine, and graduated at Torino; in 1570 he came to Padova, where he was an eager listener of the dermatological lectures of Girolamo MERCURIALI; the lectures have been written down by many of the pupils, but with such a distortion of the words that Mercuriali, first being against any printed publication of his lectures, became convinced that for his own reputation a correct text of the lectures should be published. He permitted Aicardi to restore the correct text and to edit it in 1572. While in Padova, Aicardi wrote also commentaries to several classical authors (Cesar, Cicero, Plautus, CELSUS, Aristoteles, Polybius), but only the commentaries to Caesar were published 130 years after the author's death. He was offered several good positions, but for his attachment to G. V. Pinelli he refused to leave Padova, where he died of a febrile disease on Aug. 10, 1607.

254 Op. 1: (commentaries) J. CAESAR: *De bello Gallico*.

.1 Leiden, S. Luchtman, 1737.

Copy: Paris;

In CAESAR: *De bellis Gallico et civili Pompeiano*, edited by Fr. Oudendorp; (13)f. 1035p. plus index.

Further editions of Aicardi's commentaries in the reprints of the Oudendorp edition of Caesar's *De bello Gallico*: 2. Leiden, 1740; 3. Oxford, 1780; 4. Stuttgart, 1822.

255 Op. 2: (editor) G. MERCURIALI: (a) *De morbis cutaneis*; (b) *De excrementis*.

.1 *Venezia, Paolo & Antonio Meiet, (1571) 1572. SGL:110882

Copy: SGL;

For description of the volume see under MERCURIALI; it contains a dedication by Aicardi to Cardinal Gulielmo Sirlet (1514-1585), Librarian of the Vatican, dated Padova, Nov. 24,

1571, and a preface to the students at the Padova University; text of preface: "Nisi exploratissimum haberem, paucos esse doctiores in tota Europa ... qui harum rerum, estis periti. Valete, et in dies maiora a Mercuriale, Deo favente, expectate". The preface is followed by an alphabetical index, and the list of the chapters by the editor. The date in the colophon is 1571.-50 Sw. fr. (1928).

.2 *Basel (C. Waldkirch) (1576) (1577)

SGL:66594

Copy: SGL;

For description of the volume see under MERCURIALI; the "De morbis cutaneis" is again in 2 Books followed by 3 the Books of *De excrementis*. Dedication as above, but with changed date, Nov. 24, 1576. The work is bound with other works of MERCURIALI issued at Basel and Frankfurt; the first of these is *De peste* edited by Girolamo Zacco with a dedication dated 1577.

.3 *Venezia, Paolo Meiet, 1585.

SGL:140223

Copy: BM; Paris; SGL;

For description see MERCURIALI; called "2. ed."; contains the two works of Mercuriali, and his *De decoratione* (under a separate tp.) edited by Giulio Mancino; the date of Aicardi's dedication is 1571 (unchanged).

.4 *Venezia, Paolo Meiet, 1589.

SGL:119538

Copy: NYAcadM; SGL;

For description see MERCURIALI; the same arrangement of works as in the previous edition; called "3. ed."; in SGL copy some leaves of the *De decoratione* are missing (f. a₂ and f. a₁₀).

.5 *Venezia, Junta, 1601.

SGL:61988

Copy: Paris; SGL;

See description of volume under MERCURIALI; the two works edited by Aicardi are followed by *De morbis muliebribus* of MERCURIALI, though the title-page would call for the *De decoratione*; the gynecological work has a separate title-page.

.6 (place, printer) 1618.

Copy: BM;

.7 Venezia, Junta, 1625.

Copy: Paris;

4^o; 211p. text.

256 Op. 3: (editor) C. VAROLI: *De nervis opticis*.

In 1571, Varoli had an opportunity for dissecting a human body at Bologna; his observations, especially on the optic nerve, were written in 1572; he offered that work to Mercuriali for criticism; Aicardi edited not only the original work of Varoli, but also the criticism of Mercuriali, dated Aug. 31, 1572, and the reply of Varoli, dated Sept. 24, 1572. The printed volume is dedicated to Federigo Pandati on Jan. 7, 1573.

.1 *Padova, Paolo & Antonio Meiet, 1573.

SGL:123523

Copy: SGL;

Bound with G. FALLOPPIO: *De humani corporis anatomie compendium*; for description of volume see under C. VAROLI, the dedication of Aicardi reads: "Cum in reliquis disciplinis paene omnibus ... perpetuum non vulgaris meae erga te observantia monumentum. Vale".

AICHOL.

See Aichholtz.

AICHHOLTZ, Johann, 1520-1588.

Syn.: Aichol (according to the Linden catalog); Acholz; Professor of anatomy, and Dean of the Medical Faculty of the University of Wien; b. at Wien, 1520; stud. med. at Wittenberg, where he graduated in 1547 (var. 1549) as Magister; afterwards, traveled in Italy and France, and, at Paris, he was graduated MD (var.: graduated at Padova?); returned to Austria in 1557, and the next year he became "Magister sanitatis", health officer of Wien; in 1560, he was dean at the Medical Faculty; as professor of anatomy, he made many dissections; convinced of the value of postgraduate traveling he requested enough fund for two scholarships to cover the traveling expenses of two young physicians each year; died May 6, 1588.

257 Op.: *In hydropse monstroso (consilium)*

Description of the dissection of a hydropic woman at Praha in February, 1581; case of mola hydatidosa and hydroperitonaeum.

Text: "Prae initio Februarii, anno 1581, secta fuit foemina hydropica ... cum ista vesicularum excrementa densa ab interna abdominis superficie."

.1 *Frankf. a. M., heirs of A. Wechel, 1598.

SGL:107911

Copy: SGL; et al.

Published as the 339. *Consilium* on col. 955-57, of L. SCHOLZ: *Consiliorum medicinalium ... liber*; for description of volume see SCHOLZ, L.

- .2 *Hanau, heirs of J. Aubry, 1610.

SGL:46968

Copy: SGL; et al.

In the 2. ed. of the same collection as above.

AIELLO.

See Ajello.

AIGUE, Etienne.

See Laigue, Etienne dc.

AIGUILLON, François.

See Aguillon, F.

AILLEBOUST, Jean, d', ca 1531-1594.

Syn.: Aillebout; Alibour; Alibourg; Alibosius; Albosius; cogn. "Haedus" Albosus; SMELLIE confabulated an author by the name of "Lithopaedus Senensis", which is the title of one of the works of this author.

Chief physician of Henry IV, King of France (*1553; 1589-1610).—B. probably before Sept. 5, 1531 (unless a posthumus) at Autun (=Augustodunum, or Hedua; hence called Haedus); his father was Pierre d'A., physician at Montpellier and later, physician of Francis I; his mother's maiden name was Mlle de Messey; had five brothers: Anatole, André, Charles, who was later bishop of Autun (1572-85), Hugues, and another Jean, who also became a physician; his education must have been excellent both in languages and in medicine; date and place of graduation not known (Paris or Montpellier?); ca. 1580, became town physician at Sens, (Dept. Yonne), where he observed the curious case of a petrified child carried by its mother for 28 years; the publication of this case in 1582 (Op.) called the attention of the world to its author, who soon became physician of Henry III, and, later, of Henry IV; married twice, the second time to Suzanne Hotman, and had several sons, one of them Antoine, by his first wife, who later became a public official at Sedan; as physician of Henry IV, he was called to examine Mlle Gabrielle d'Estrées, the mistress of the King, whom he found pregnant; the illegitimate child of the King was born June 7, 1594, and soon the doctor was killed by poison on July 24, 1594.

258 Op. 1: Portentosum lithopaedion (Icon)

The petrified fetus was one of the greatest sensations of the 16. and early 17. century. On May 16, 1582, the 68-year old Columba Chatry, for 20 years wife of Louis Charité, tailor at Sens, died. Twenty-eight years before, she has been pregnant, but at the time of labor there was no child born. After a long puerperal illness she recovered, but always has been suffering since then. After her death, the husband asked a postmortem section, which was performed by Claude Le Noir, and Jean Cottias, surgeons. Finding a petrified female fetus they called the physicians of the neighborhood, among them the author, also Jean Perigo, Simon Provancher, and Jean Rousselet as well as the village pharmacist, Etienne Bouvier.

At the instigation of Ambrois Paré, the author ordered a woodcut made of the petrified fetus, and, with a short hexastichon of his, he sent it to friends and scientists. Yet, the woodcut did not satisfy the curious investigators, who wanted to know more about this never-described abnormality. Meanwhile, one of the observers, Simon PROVANCHER, physician at Sens, wrote a French pamphlet on the history of the case. He wanted to publish it in Latin translation also, but Ailleboust already finished his case history (see Op. 2), to which Provancher wrote then a supplement on the possible causes of petrification.

The image of the petrified fetus was also published in the works of Ambrois Paré, Licet, and Thomas Bauhin after drawings which are different from Op. 1.—The fetus itself was sold to Pretesegla, a Paris dealer in curiosities, in whose shop it was seen by the midwife, Louise Bourgeois (Boursier); then, it was in the possession of Etienne Carteron, goldsmith at Paris, who sold it to another goldsmith called Gilbert Vautron in February 1628. This man brought the fetus to Venezia, from where it came into the possession of Frederick III, King of Denmark and Norway, in 1653.

- .1 (Sens) Joh. Savine(?), 1582.

Copy:

Latin broadside; with a hexastichon signed I. A. M. (Jean d'Ailleboust).

- .2 (Sens, Jean Savine?) 1582.

Copy:

French broadside; "Portrait d'un prodige & enfant pétrifié ... en la ville de Sens"; anonymous.

- .3 *Basel, C. Waldkirch, 1586.

SGL:

Copy: SGL; Coll. Phys. Phila.

Published in the 2. vol. of GYNAECIORUM physicus, edited by Casp. Bauhin; on p.565-566; size of woodcut 160 x 125 mm; headed: "Extractio Lithopaedij Senonensis ex / matris vtero."/; it represents a nude female cadaver in a sitting and reclining position, on a bed, facing the cliffs and a coastal village in the right background; her abdomen is opened along the linea recta, showing the situs of the uterus (marked with A); on the right of the cut, a cushion on the bedside with fetus in the opened amniotic sac (marked with B); on the left, cushion on the floor with the same fetus without the fetal membranes (marked C).

- .4 *Basel, C. Waldkirch, (1589)

SGL:

Copy: SGL; Hunterian; Paris.

The same drawing but a different cut; published in C. Bauhin's Latin translation of F. ROUSSET's folding plate inserted after p.254; size 160 x 125 mm; headed: "Hanc Iconem referes ad paginam 254." It is together with Op. 2.

- .5 *Frankfurt a. M., M. Hartmann for N. Bassaeus, 1601.

SGL:

Copy: BM; Paris; Coll. Phys. Phila.; SGL.

In his Op. 2 issued in Bauhin's transl. of ROUSSET's work here called "Exsectio foetus vivi ex matre viva." On p.300; a new cut of 115 x 80 mm; it is about the same drawing as before but a "mirror" image of the previous cuts.

259 Op. 2: Portentosum lithopaedion (text)

The subtitle reads: Embryum petrefactum urbis Senonensis. The treatise contains an objective description of the case history, also a discussion of the possible causes of petrification. This part is called "Exercitatio problematica"; to which is usually attached a similar discussion written by Simon Provancher, another physician at Sens, and eyewitness of the unusual event.

Text of history: "Mulier Senonensis, nomine Columba Chatry ... (ends) haec de matris et foetus administrate anatome dicta sunt." Text of the Problematic Exercitation: "Iam de istius indurationis naturalibus causis ... (ends) tot mensibus et annis a matre circumgestatum fuisse." For PROVANCHER's treatise see under his name.

- .1 Sens, Jean Savine, 1582.

Copy: Paris.

Extremely rare; Latin text; 8°

- .2 Sens, Jean Savine, 1582.

Copy: Paris.

French transl. by Simon de Provancher; 8°; "Le prodigieux enfant pétrifié de la ville de Sens."

- .3 Paris, D. Duval, 1585.

SGL:66555

Copy: BM; SGL.

Included by Maurice de LA CORDE (Cordaeus) in his 7. commentary to De morbis mulierum of HIPPOCRATES; on p.356-360; contains all three small works.

- .4 *Basel, C. Waldkirch, 1586.

SGL:74544

Copy: Coll. Phys. Phila.; SGL; etc.

In the 7. commentary of Maurice de LA CORDE to the gynecological work of Hippocrates as in ed. 3; the commentaries were edited by C. Bauhin in the GYNAECIORUM physicus, vol. 3, and the history of the petrified fetus is on p.504-512.

- .5 *Basel, C. Waldkirch, (1589)

SGL:139395

Copy: Paris; Hunterian; SGL.

Under separate title-page but with continuous pagination published in Caspar Bauhin's Latin translation of François ROUSSET's "TETEPOTOMOTOKIA"; it occupies Q-R⁸S, or (1)f. for the title-page, p.241-272 for the text of the three treatises, (3)f. for the index, which is common with the main work of Rousset. For full description of the volume see under ROUSSET.

f.Q⁸r: separate title-page: "Porten/ tosum Li- / thopaedion, / sive / Embryum Pe- / trefactum urbis Se- / nonensis." ... etc.; no imprint, only the place of publication; but the main work was published 1588; f.Q⁸r; 4 lines: "Historia Embryonis ... / his descriptur.-"; f.Q⁸r-Siv, paged 241-272; p.241: author to the reader: "Novitas huius spectaculi ... placere studium, amice Lector, aequi bonique consule."; dated Sens, Oct. 15, 1582; p.244: epigrams on the lithopaedion, one anonymous, the other by the young son, Pierre, of the author; p.245-6: epigram of F. Rousset on the same; p.245: two other epigrams by Simon Provancher; p.247-253; text of the case history; p.254-263: "Exercitatio problematica de istius indurationis causis naturalibus"; after p.254: folding plate described under Op. 1.4; p.266-72: Simon PROVANCHER De (huius) indurationis causa opinio: "De partu anatomico ... siquid rectius illa noveris, imperti: si non, haec utere mecum"; f.S⁸r-S⁸r index; f.S⁸v printer's device.

- .6 *Paris, D. Duval, 1590.

SGL:

Copy: Hunterian; SGL; etc.

Only the case history; reprinted by ROUSSET in the Prolegomena of his Scleropalaeematis sive Lithopaedii Senonensis ... causae, which was published in his TETEPOTOMOTOKIA ... assertio historiologica; this is different from Rousset's work translated by C. Bauhin; the case history is found on p.518-523.

- .7 *Strassburg, Lazar Zetzner, 1597.

SGL:

Copy: Coll. Phys. Phila.; SGL; et al.

Contained in the commentary of Maurice de LA CORDE to Hippocrates De morbis mulierum; published in the SPACH collection of Gynaeciorum ... libri; the three small works discussing the lithopaedion are to be found on p.739-743.

- .8 *Frankfurt a. M., Melchior Hartmann for Nic. Bassaeus, 1601.

SGL:

Copy: BM; Paris; Hunterian; Coll. Phys. Phila.; SGL.

Under separate titlepage published in Bauhin's translation of ROUSSET's work as in the ed. 5.; Rousset's work is titled here: "Exsectio foetus vivi ex matre viva ..."; the three small works and the additional preface and epigrams occupy f.V₄, which is the title-page, p.288-317; title reads: "Porten-/tosum Li-/thopaedion, / sive / Embryum in ute- / ro materno per annos 28. contentum, / petrefactum ..." etc.

.9 *Amsterdam, P. van de Berge, 1662.

SGL:135277

Copy: BM; Paris; Hunterian; Coll. Phys. Phila.; Univ. Amsterdam; SGL.

Under separate title-page published in the COLLECTANEA de diuturna graviditate; the three treatises occupy f.A_{1r}, which is the separate title-page, p.3-41, followed by a treatise on the same lithopaedion written by Thomas Bartholin on p.42-52; title reads: "Portentosum / Lithopaedion, / sive / Embryum / Petrefactum urbis Senonensis, /" ... etc. with imprint.

f.A_{1r}: 6 lines: "Historia Embryonis ... / scribitur"; p.3-6 the author to the reader; p.7-10 epigrams; p.11-18: case history; p.19-32: text of Exercitatio problematica; p.33-41: Simon Provancher's work.

¶Nonexistent and doubtful editions: (a) Sens, 1587; (b) Basel, 1588.

260 Op. 3: Epigramma ad Franciscum Roussetum.

A hexastichon offered to Caspar Bauhin for insertion in the Latin translation of ROUSSET's TETEPOTOMOTOKIA; it begins: "Qui vicit Poenos, cuique Agricola subdita, dictus, etc." For its editions see Op. 2 (ed. 4, 5, 8).

261 Op. 4: (Epistola ad F. Roussetum: Historia partus Caesarei)

It has been inserted in all editions of F. ROUSSET's TETEPOTOMOTOKIA, in Section I, Chapt. 5, Historia 3; description of a Caesarean section performed by Jean MARAES, surgeon at Chastre en Berry, on his own wife; the son so delivered became later a royal surgeon; the mother had a successive birth of a daughter "per vias naturales."

For its editions see Op. 2 (ed. 4, on p.505; ed. 5, on p.12; ed. 6, on p.42-43 in a different version; ed. 7, on p.450; ed. 8, on p.11-12).

262 Op. 5: (Epistola ad F. Roussetum: Historia apostematis uteri)

To be found in all editions of ROUSSET's TETEPOTOMOTOKIA, in Section IV, Chapt. 3, Historia 1; description of two cases of uterine abscess which required laparotomy.

For its editions see Op. 2 (ed. 4, 2. vol., p.530-531; ed. 5, on p.84-86; ed. 6, on p.287-289; ed. 7, on p.463; ed. 8, on p.78-80).

263 Op. 6: (Epistola ad Casp. Bauhinum)

Written Dec. 20, 1585 from Montebell; description of a case of Caesarean section performed at the end of 1582 by Jean JACOT, surgeon, on a woman at Marry; the case has been described also by ROUSSET in his TETEPOTOMOTOKIA assertio historiologica (see Op. 2, ed. 6, on p.81-86).

Text: "Gratissimae mitis fuerunt tuae litterae ... Mitto quoque hexastichon, quo exaravimus ... &c."

For its editions see Op. 2 (ed. 4, vol. 2, p.563-4; ed. 5, on p.182-185; ed. 7, on p. 81, which contains only a reference to this letter).

AILLY, Pierre, surgeon, 1620-1684?

See Dailly, in 17. et. list.

AIN ...

For anonymous publications beginning with "Ain" see under the first noun of the title as *Aufzug* for Ain *Aufzug*; *Arznei* for Ain *gut Artznei*; *Büchlein* for Ain *nützlichs buchlein*, etc.

(AINSIDEL), pseud.

Unidentified author in the 16. century.

264 Op.: Unterrichts aus Gottlichen und gaystlichen Rechten, etc.

A polemic writing from the era of the reformation discussing the right of the priests to marry.

.1 (place, printer) 1526.

Ref.: Graesse.

Title reads: "Underricht ... auch aus den flayschlichen Bapstischen unrechten, ob ein Priester ein Ewail oder Concubin das ist ein beyschlaß haben möge."

al-'AINTÁBÍ al-AMŚÁṬÍ, Muzaḥfaraddīn ibn ut-Tanā'ī Mahmūd ibn Aḥmad, 1407-1496.

B. at Cairo, 1407; studied the canonic Law of the Islam (called the *Fiqh*); studied also medicine, and was taking part in military campaigns as a surgeon(?); died Dec. 1496, at Cairo. Four of his works are known to exist in manuscripts.

265 Op. 1: Al-Isfār fī ḥukm al-asfār.

A theological work; "The revelation on the judgment of the Scriptures". MS: referred to by Dā'ūd al-Mauṣūf.

266 Op. 2: Al-Qaul as-sasīd.

"The solid speech"; MS.

267 Op. 3: Ta'sīs aṣ-ṣihha.

Commentary on the Al-Lamḥa al-'aḥḥa (The chasty glance) of Abū Sal'īd ibn Abū Surūr as-Sāwī al-Isrā'īlī ibn Amīr ad-Daula; the title of the commentary is The Laying of foundation for health.—MSS: Gotha 1970; Bodleian, I, 860; Princeton; Rāmpūr State Libr., I, 487.

AIROLDI, Giampietro, fl. 1582-1614.

Syn: Airolodus; Airolidi; Ayrolidi; Ayrault; Airolidi di Marcellino. Not to be confused with Pierre Ayrault (died 1601).

Professor of medicine at Venezia; b. about the middle of the 16. century, at Mundelli, a small town near Novara, as descendant of a noble Italian family; his father was Cesare A., and his uncle was Marcantonio MAJORAGGIO, a student of classical authors; studied at the Padova University, where he studied for 3 years under G. Mercuriali, and graduated MD and PhD; thereafter, settled in Venezia, where he conducted a successful medical practice and was also teacher of medicine; he edited several works of his uncle and various commentaries written by Fr. VALLES, between 1582 and 1614; in 1613, he was still alive.

268 Op. 1: (editor) M. MAJORAGGIO: Commentarius in Dialogum de partitione oratoria Ciceronis.

His uncle's work; of philological interest;

.1 Venezia, Fr. Franciscis Senensis, 1587.

Copy: BM;

4²; dedicated to Pompeo TRISSINO; 181f. portr. of Majoraggio.

.2 (place, printer) 1614. 8^o

Copy: BM;

269 Op. 2: (editor) M. MAJORAGGIO: Oraciones et praefationes.

Dedicated to Nicolò SFONDRATI, later Pope.

.1 Venezia, Ant. Bonifacio, 1582.

Copy: Paris;

210f.; 4²; the next edition was printed at Münster, 1599, but this and a few other German editions are not by Airolidi.

270 Op. 3: (editor) M. MAJORAGGIO: Commentarius in dialogum, seu librum primum de Oratore ... Ciceronis.

Under a different title this seems to be identical with his Op. 1.

.1 Venezia, F. Franciscis, 1587.

Copy: Paris;

165f.; 4²

271 Op. 4: (editor) Fr. VALLES: Commentaria in Cl. GALENI ... libros.

Contains the Vallesian commentaries to the following Galenic works: 1. *Ars medicinalis*; 2. *de inequali temperie*; 3. *de temperamentis*; 4. *de simplicibus medicamentis libri 5 priores*; 5. *de differentiis febrium lib. 2*; 6. *de locis patientibus libri 6*; also four works of F. VALLES: (a) *de urinis*, (b) *de pulsibus*, (c) *de febribus*, (d) *methodus medendi*.

.1 Coloniae (i. e., Venezia) Franc. de Franciscis & J. B. Ciotto, 1592.

Copy: Paris;

Fol.; 1222 cols and index.

.2 Coloniae (i. e., Venezia) F. de Franciscis & Giamb. Ciotto, 1594.

Copy: BM; Paris; Coll. Phys. Phila.;

Fol.; (1)f. 1 blank, 1222 cols. (5)f.; Roman letters.—50 Sw. fr. (1928); 28RA1 (1929) A later edition of the commentaries is not by Airolidi (Frankf., 1615).

272 Op. 5: (editor) Fr. VALLES: In libros Hippocratis de morbis popularibus commentaria.

These are the commentaries on the epidemiological work of Hippocrates. Airolidi wrote a preface to this edition, the text of which is: "Magna res est et ore omnium a Deo ... (ends) quadam eximia ratione explicantem atque illuminantem omnia, audiamus". In the preface the editor shows himself an ardent follower of Hippocrates and Galen, and an opponent to the Arabism in medicine.

.1 *Coloniae (= Venezia) Giambattista Ciotto, 1588. SGL:18734

Copy: Paris; Coll. Phys. Phila.; SGL;

For description of the volume see under VALLES; fol.; (6)f. 850 cols. (9)f. Later editions of the Vallesian commentaries not by Airolidi.

273 Op. 6: (editor) Fr. VALLES: In Aphorismos Hippocratis commentarii VII.

The volume contains commentaries of VALLES to the following Hippocratic works: 1. *Aphorismi*; 2. *de alimentis*; 3. *pro-*

gnosticum; 4. de ratione victus in morbis acutis; the text is preceded by the preface of the editor: "Plurimae res inveniuntur, quae quamvis corpore ... (ends) ut utrique utrumque propositum implere possitis".

.1 *Coloniae (= Venezia) Giambattista Ciotto, 1589. SGL:18734

Copy: BM; SGL;

Fol.: (8)f. 628 cols. (9)f.; for description of the volume see under VALLES.

The author also wrote a collection of *CONSILIA DE FEBRIBUS* (not de "floribus"), which is in MS at the Paris Bibl. Nationale (No. 63,333).

AJALA.

See *Ayala*.

AJELLO, Sebastiano di, fl. 1577–1597.

Syn.: Aiello; Agelli(?)

Little is known of him; between 1575 and 1597, physician at Napoli, where he witnessed an epidemic of plague, and wrote his observations (op. 1) in 1577; another epidemic has been described by him in 1597 (op. 2); it is also mentioned that he composed a poem in honor of Albert of Aragon, Duke of Austria, of which, however, no trace could be found.

274 Op. 1: Breve discorso sopra l'imminente peste nel regno di Napoli.

.1 Napoli, printer, 1577. 4°

Copy: ?

275 Op. 2: Breve discorso intorno i catari, i quali dal volgo sono detti Castroni.

.1 Napoli, Carrino, 1597. 4°

Copy: BM;

AJORA, Gonsalves.

See *Ayora*.

AKAKIA, Jean, (–1635)

See in 17. ct. list.

AKAKIA, Martin (the First) 1497–1551.

Syn.: Akakia; his true name is Sans-Malice, which in Greek is *α-κακια*; not to be confused with his son, Martin II, or with his grandson, Martin III, or with the great-grandson, Martin IV; his family name has been used by Voltaire as a pseudonym: "Docteur Akakia".



B. at Châlons-sur-Marne (hence the cognomen "Catalaunensis") in 1497 (he was baptized Dec. 5, 1497); his parents were Louis A., seigneur of Hevrancourt, and Martine Du-Crocq; the old family motto was: "Quaecunque ferat fortuna ferenda est"; for higher education he went to Paris, where he studied medicine under Pierre BRISSOT, and graduated MD in 1526; his chief interest was the study of the classics of medi-

cine, and the restoration of these works to their original integrity; he was especially interested in Galen, and his commentaries to the *Ars medica* were published in 1529; at that time, he was probably in Italy; from 1530, he has been professor of medicine at the University of Paris, became physician of the royal court of Francis I, and took care also of the health of Clément MAROT, the poet; married ca 1538 to Marie Chauveau, and had a son, Martin the Second, in 1539; in the year of his marriage, his Op. 2, another Galen commentary, was published; in 1545, was sent by the University to the Council of Trento; his third Op. was published after his death; died June 2, 1551.

His portrait was painted by Henri MAHIEU in 1692, and reproduced by N. LEGRAND in *Les collections artistiques de la Fac. de méd. de Paris*. Paris, 1911, p.53.

He is the founder of a distinguished medical dynasty the members of which excelled in academic and court life during the 16. and 17. centuries. Jean had five other sons, one of whom became a diplomat, and four entered the monastery of Port-Royal des Champs.

Martin I (d. 1551)

Martin II (d. 1588) (q. v.)

Martin III (d. 1604) (q. v.)

Jean (d. 1635)

Martin IV (d. 1677)

276 Op. 1: (commentaries & translation) GALEN: Ars medica, quae et Ars parva.

The translation of Galen's *Τέχνη ιατρική*, also called *Microtechné*, *Ars medicinalis*, or *Ars parva*. The added commentaries form about 70% of the volume. It is dedicated to Francis I, King of France; written in an excellent style, the commentaries reflect the author's vast erudition, and contain many personal observations.

Dedication: "Cum nuper in Regiam tuam, Franciscus Rex ... (ends) Valeat et vincat tua maiestas et autoritas." Text of translation: "Triplex est omnis doctrina, quae ordine nititur: ... (ends) quem ita inscribimus, Galeni de propriis libris"; text of commentaries: "Doctrina aut actio est quae a praecceptore in discipulum transfunditur ... (ends) alios de pulsibus: & de ossibus ad initiatos, ante libros alios anatomicos."

.1 Venezia, Vinc. Valgrisi, 1529. 8°

Ref.: Panzer.

.2 Paris, Simon Colin, 1538.

Copy: Paris.

4?; in the Paris catalog it has the date 1853.

.3 Paris, S. Colin & M. Vascosan, 1543.

Copy: BM; Paris.

356p. plus index; 4°

.4 *Venezia, V. Valgrisi, 1544. SGL:127361

Copy: BM; Coll. Phys. Phila.; SGL.

(26)f.491p.; sigs a–e³ d². A–Z, Aa–Gg³ Hh⁶; (in SGL copy p.289–352 missing) text Roman, commentary Italic; text size 125 x 70 mm; few initials, and 2 woodcut diagrams (p.62, p.87 showing the relation of health and disease, and the Sanitatis Latitudo); f.a₁ title: "Claudii Ga / Leni Perga- / Meni Ars Me- / dica, / quae & Ars parva ..." etc.; print. dev. on tp; imprint; f.a_{1v} blank; f.a₂ dedication undated; f.a₃ a Greek and a Latin epigram by Jean Goraeus; f.a_{3v} blank; f.a₄–d₂ index; f.d_{2v} blank; p.1–491 text; f.IIh_{4v} (=p.492) printer's device repeated but larger (two hands holding a T cross with a spiral snake)

.5 Lyon, G. Roville & A. Constantin, 1548.

Copy: BM; Paris; NYAcadM.

680p. plus index; 16°

.6 *Venezia, V. Valgrisi, 1549. SGL:120808

Copy: NYAcadM; SGL.

(24)f.478p.; sigs a–e, A–Z, Aa–Gg⁴; text Roman, commentaries Italic; text size 130 x 70 mm; few initials; 2 woodcut diagrams on p.60 and 84; f.a_{1v} title: "Claudii / Galeni Per- / gameni Ars / Medica, / ... etc.; called a revised and corrected edition; print. dev. and imprint; f.a_{1v} 2 epigrams of Jean Goraeus; f.a₂ dedication; f.a₃–d_{3v} index in double columns; p.1–478 text; f.Gg_{3v} blank; f.IGg_{3v} printer's device.—SGL copy; 17. cent. owner Bartholomaeus Cibelli, MD. "phylochimicus."

.7 Lyon, G. Roville, 1561.

Copy: Paris.

680p. plus index; 16°

.8 Venezia, F. Valgrisi, 1587.

Copy: Paris.

478p; 8°

Nonexistent editions: (a) Basel, 1549; (b) Paris, 1561; (c) Paris, 1853; mistake for 1538.

277 Op. 2: (comment. & transl.) GALEN: De ratione curandi ad Glauconem.

The translation of Galen's *Πρὸς Γλαύκωνα θεραπευτικῶν βιβλία*, called also *Methodus medendi*, or *De arte curativa*; the commentaries form more than 50% of the work. The author men-

tions that he had to compare the text of several manuscripts with the existing printed editions of the Greek Galenic work. The translation is not dedicated to anyone.

Text of preface to the reader: "Medicina scientiarum omnium nobilissima ... (ends) quas, mēdior lucubraciones reliquas, in usum tuum aedam. Vale." Text of translation: "Quod non communem solum omnium hominum ... (ends) commentarios ad te mittere non gravabimur"; text of commentaries: "Naturam tum ingentem, tum ascititiam temperiem ... (ends) ex Galeni de Alimentis libris petenda sunt."

.1 *Paris, Simon Colin, 1538. SGL:124425

Copy: Paris; SGL.

(8f. 303p.; sigs A, a-t⁸; text Roman, commentaries Italic; text size 175 x 100 mm; few floreated initials; print. dev. on tp (representing Time in the form of a faun with a seythe); f.A₁ title: "Claudii Galeni Per-/gameni De ratione cu- / randi ad Glauconem libri duo, ..." etc.; imprint; f.A_{1v} Greek tetrastichon by Jacques Tousanus, Latin dekastichon by Antoine Galle; f.A_{2r} author to the reader; f.A_{3r}-A_{8v} index in double columns; p.1-303 text; f.t_{8v}(=p.304) blank.

.2 (place, printer) 1542.

Copy: NYAcadM.

.3 *Lyon, Godefrid & Marcel Bering, 1547. SGL:29648

Copy: BM; SGL.

p.(1)-412. (10f.; sigs a-z, A-D⁸; text Roman, commentaries Italic; text size: 90 x 50 mm; few floreated initials; print. dev. on tp; p.(1) title-page: "Cl. Galeni / Pergameni De / Ratione cu- / randi / ad - Glauconem / Libri II. / ..." etc.; imprint; p.2-4 preface to the reader; p.5-412 text; f.C_{7r}-D_{8v} index in single column; f.D_{8v} the two epigrams as above.—SGL copy bd in red leather (modern); 16. ct. Italian MS notes on fly leaves; previous owners; Oribasius de Egidis (16. ct.); F. Peyre Porcher, MD (1854).—Very rare; 30 Sw. fr (1928) Not in Baudrier.

.4 Venezia, Junta, 1547.

Copy: BM.

The BM lists an 8° and a 16° copy.

.5 *Paris, widow of Jacques Gazeau, 1549. SGL:159849

Copy: Paris; SGL.

(10f. 362p.; sigs *10, A-Y⁸/Z⁶; text Roman; commentaries Italic; text size: 120 x 65 mm; few hollow floreated initials; no device; f.*_{1r} title: "Claudii Galeni / Pergameni / ni de ratione curandi ad Glauco- / nem ... " etc.; imprint; f.*_{1v}-*_{2v} privilege in French dated Fontainebleau, Oct. 31, 1547; f.*_{2v} the two epigrams; f.*₃ preface to the reader (here dated, Paris 1538); f.*_{4r}-*_{10v} index in double columns; p.1-362 text; f.Za blank on both sides.

NOTE: the text of both the translation and the commentaries is changed in this edition; text of translation begins: "Non communem ... debere" instead of "Quod non communem ... debeat."

SGL copy bd in leather; previous owner "Anatolinus Multiegalis, nobilis Burgundi, poeta, philosophus" (16. ct.); "Lejeune D. Med." (18. ct.); ex-libris of J. Baart de la Faille, prof. med., Groningen.

.6 *Lyon, G. Roville, 1551. SGL:29643

Copy: BM; Coll. Phys. Phila; SGL.

412p. (10f.; sigs a-z, A-D⁸; text Roman, commentaries Italic; text size: 95 x 50 mm; few initials; print. dev. on tp; p. (1) title: "Cl. Galeni / Pergameni De / ratione curandi ad / Glauconem Li- / bri II. / ..." etc.; imprint; p.2-4 preface to the reader; p.5-412 text; f.C_{7r}-D_{8v} index in single column; f.D_{8v} the two epigrams; seems to be a reprint of ed. 3.—SGL copy bd in red leather (modern)

¶Doubtful: (a) Paris, 1587. 8°

278 Op. 3: Synopsis ... Galeni De facultatibus simplicium medicamentorum.

It is a short digest of the first five Books of Galen's *Περὶ κρᾶσεως καὶ δυνάμεως τῶν ἀπλῶν φαρμάκων*.

.1 Paris, C. Wechel, 1555.

Copy: Königsberg; Coll. Phys. Phila.

14f.; 8°; "Synopsis eorum quae quinque prioribus libris Galeni ... etc.; Rarissimum.

Akakia also translated Galen's book *De constitutione artis medicae* ad Patrophilum, which was left in MS (see MS. Lat. 7120, Paris Bibl. Nat.)

AKAKIA, Martin (the Second), 1539-1588.

Syn.: Aekia; Sans-Malée; see also Martin the First, his father; not to be confused with father or with the 3. or 4. Martin Akakia.

Professor of surgery and surgeon of Charles IX, King of France; b. at Paris, 1539; son of Martin Akakia (the first) (q. v.) and Marie Chauveau; he studied at Paris, and in his early youth he became connected with the royal court, where his father was a physician; in 1551, the father died; the young Akakia was soon attached to the court of the Queen mother, Catharine de' Medici, who favored him for his good jokes; in

1565, he accompanied the young King, Charles IX (*1550; 1560-74) to Bordeaux; 1572, graduated MD at the Paris University; in the early part of 1574, he was nominated professor of surgery at the university; in 1578, he became the second physician of Henry III (King 1574-89), in which year he wrote a panegyric of the King (op. 3); July 1580, he became regent of the Faculty of Medicine of Paris; his married life is unknown, but he had two sons, the elder Martin (the Third), and the younger Jean, both of them physicians. He died Dec. 8, 1588 at Paris, and his son, Martin (the Third) succeeded him in the chair of surgery at the Paris University.

While professor at Paris, he wrote annotations to the anatomical work of Jacques DUBOIS (Sylvius) in 1577, a work on cosmetics in 1578, two consilia on renal diseases, and a large treatise in two books on Women's Diseases; the latter is incorrectly attributed to his father by HALLER, and by a great number of other biographical works, but there is no doubt that it is the work of the second Martin Akakia (see Op. 3). Only his consilia and his gynecology were published, after his death; the rest of his medical writings is still in manuscript.

279 Op. 1: In nephritide consilium.

Consilium in a case of renal calculus; gives dietetic prescription, and medicaments (pills, enemas, etc.)

Text: "Calculus ex viscosis & crassis humoribus fit ... (ends) Cum sero lactis utatur, ut dictum est, loco praedictorum, maxime in aestate."

.1 *Frankf. a. M., heirs of Wechel, 1598.

SGL:107991

Copy: SGL; etc.

Published as the 138. Consilium on col. 396-398, in L. SCHOLTZ Consilia medicinalia (q. v. under Scholtz)

280 Op. 2: Canones observandi in renum affectibus.

Another consilium on urinary calculi.

Text: "In calculo tam renum, quam vesicae diureticae frangantia ... (ends) interiori cinamom. & squinanthi 5 1."

.1 *Frankf. a. M., heirs of Wechel, 1598.

SGL:

Copy: SGL; etc.

Published as the 139. Consilium on col. 398-399, in L. SCHOLTZ Consilia medicinalia (q. v. under Scholtz)

281 Op. 3: De morbis mulieribus.

Written by Martin Akakia (the second) and not by Martin Akakia (the first); Martin, the eldest, died 1551; yet, in the Prolegomena of this work the author quotes Sealign (=BORDON), whose book called *Exercitationes exotericarum* was first published in July 1557 at Paris. Such a quotation could not have been made by the eldest Akakia; it is therefore incorrect to attribute this gynecological treatise to Martin Akakia (the first)

The work is divided into two Books, the first containing the Prolegomena, and 24 chapters, and the 2. Book having 19 chapters. It is based chiefly upon Aristoteles, Hippocrates, Moschion, and Galen, while Plinius and several of the modern (i. e. 16. ct.) authors are criticized, especially Amatus Lusitanus. In the Prolegomena the author discusses what a woman is and what the uterus is. The chapters are:

Lib. 1: 1. de mēsiuſ suppressione; 2. de profusioribus mēsiuſ; 3. de mēsiuſ melancolicis peccantibus ac primum de pituitosis; 4. de mēsiuſ melancholicis et biliosis; 5. de fluxu mulicbri, ac primum de albo; 6. de fluxu rubro; 7. de fluxu sanioso; 8. de hysteria suffocatione; 9. de uteri aberratione; 10. de prociencia uteri; 11. de agglutinatione mutuo contactu, et complicatione uteri; (deals with atresia); 12. de rebus contra naturam in utero contentis, & primum de columella (i. e. the clitoris); 13. de uteri inflammatione; 14. de erysipelate uteri; 15. de pituita in utero, et oedemate; 16. de flatu in utero; 17. de hydropse uteri; 18. de scirrho uteri; 19. de cancro uteri et mammarum; 20. de lapide et topko in utero; 21. de ascaridibus uteri; 22. de mēsiuſ suppuratis et suppurato uteri; 23. de ulceribus uteri; 24. de mola uteri;

Lib. 2: 1. De hominis procreatione et natura seminis; 2. de conceptione et eius impedimentis (on sexual intercourse, conception and pregnancy); 3. de diacta gravidarum; 4. de symptomatis gravidarum, praecipue vero de abortu; 5. de superfœtatione; 6. de partu; 7. de officio obstetricis; 8. de secundis cunctantibus; 9. de curatura puerperae; 10. de symptomatis puerperarum; 11. quo tempore mamma danda est puero? 12. de dolore puerperarum; 13. de difficultate partus; 14. de monstro gemino et mortuo partu; (15.) de geminis; (16.) de foetu mortuo, et corrupto abigendo; (17.) de colostratione, de malo pilari, de incremento mammarum contra naturam; 18. de sterilitate tum mulierum tum etiam virorum; 19. de iis quibus venter inflatur per Venerem. (Chapters incorrectly numbered by printer) There does not seem to be much original or new in the entire work.

.1 *Strassburg, Lazar Zetzner (1597)

SGL:53985

Copy: SGL; Coll. Phys. Phila.

Published in the edition of Israel SPACH on p.745-801 of the *GYNAECIURUM, sive de mulierum ... affectibus et morbis libri*.

282 Op. 4: Ob suam ordinem Regiorum Medicorum cooptationem, panegyricus.

Written in 1578, when he was nominated royal physician by Henry III; shows his gratitude for the honor.

- .1 Paris, F. Morelli, 1578.

Copy: BM; Paris.

34p. 8°; "Martini Akakiae ..." etc. (as above).

His manuscript works are kept in the Paris Bibl. Nat.: (1) *Annotationes in libros tres anatomicos J. Sylvi* (1577); MS. Lt. 7071; (2) *Tractatus de his medicinae partibus quae dicuntur Cosmetica et Commotica* (1578). There is also a manuscript of *Annotationes* to GUY DE CHAULIAC's *Chirurgia* in the same library (MS. 7072) written by either the 2. or the 3. Martin Akakia.

AKAKIA, Martin (the Third) -1605.

Syn.: Acakia; Sans-Malice; not to be confused with his father (q. v.) grandfather (q. v.) or nephew, Martin Akakia (the Fourth), who died 1677, and is not included in this list.

He was son of Martin Akakia (the Second), and had a brother Jean, also a physician at Paris; his date of birth is unknown; he succeeded his father in the chair of surgery at the College de France at Paris, where he was professor from 1588 to 1599; then, he retired(?), traveled in Italy, visited Roma, and returned to Paris, where he died in 1605 (var. 1604). His literary activity consisted chiefly of being the praeses at several doctoral inaugurations.

283 Op. 1: (with J. MARTIN) Ergo in contentis continentibus & impetum facientibus sanitas et morbus.

- .1 Paris, printer, 1596.

Ref.: Haller.

284 Op. 2: (with Pierre PALMIER) Ergo a capitis τραματι oppositae partis convulsio.

- .1 Paris, printer, 1597.

Ref.: Haller.

AKIBA ben Jakob Gunzburg.

See Frankfurt, Akiba.

ALAARD (of Amsterdam) 1491-1544.

Syn.: Alardus Amstelredamensis; Allard.

B. at Amsterdam (hence Amstelredamensis) at 1491 (var. 1490); studied first at Köln, later at Louvain, where he was pupil of Jacobus Latomus and Ruard Tapper, the inquisitor; he was interested in theology, Latin, Greek, and Hebrew, and was in correspondence with a great number of friends such as Erasmus, Conrad Golenius, and Peter Nuñez; in 1520, he was teacher at Louvain, where he held lectures on the grammar of Erasmus; at the end of his life, he was again teaching at Louvain, where he died in 1544, and was entombed in the Franciscan Church.



Most of his many writings are of theological nature; as the editor, commentator and translator of some works of Baerland,

G. Budé, Hippocrates, Huysman (Agricola), Marbodius, and Theophylactos he played an important role in the medical literary life of the 16. century.

His portrait has been published in his *Ritus edendi paschalis* (Amsterdam, 1523) and reproduced in the catalog of Leo S. OLSCHKI: *Choix de livres anciens*, 3. vol., Florence, 1912, p. 990.

285 Op. 1: (editor) A. van BAERLAND (=Beverlandus) De litteratis urbis Romae principibus.

- .1 Louvain, Theod. Martin Aloest, Aug. 14, 1515.

Copy: BM; 's Gravenhage.

For description of volume see under BAERLAND.

286 Op. 2: Epitome assis Budaeci.

In 1514, Guillaume BUDE (q. v.) published his work *De asse et partibus eius libri 5*, which describes the coins, weights and measures of the Romans; an abridgement of this work was written by Alard.

- .1 (Antwerpen, J. Thibault, 1519)

Copy: Amsterdam Univ.; Köln; Paris.

(4f. 4°; Roman; the date of this edition is not certain; some put it at 1516, others at 1525.

- .2 Zwolle, Simon Caver, 1520.

Copy: Mainz.

(4f.; 4°; Roman.—After 1522, a French "Sommaire ou Epitome" of G. Budé's work was published repeatedly, for which see under Budé; whether by Alard?

287 Op. 3: (translation & paraphrasis) HIPPOCRATES: Epistola ad Damagetum.

- .1 Solingen, J. Soter, 1539.

Copy: BM; Paris; Hunterian.

(188f. sigs a-k, L; 8°; Greek text with Latin translation and paraphrasis, Very rare.—Another edition, which could not be found anywhere, and seems to be nonexistent, is also mentioned (Solingen, Sachse, 1530)

288 Op. 4: (editor) R. HUISMAN (=Agricola) De inventione dialectica.

For description of the work and its editions see HUISMAN, Roelof.

289 Op. 5: (edit. & comment.) MARBODUS: De gemmarum lapidumque pretiosorum formis, naturis atque viribus opusculum.

The work of Marbodius or Marbodaues, whose true name was "de Marboeuf," and who wrote his poem on precious stones at the end of the 11. century, has been published repeatedly since 1511. In 1531, G. Pictorius edited it at Freiburg i. B. Alard had a much more complete and correct manuscript than did Pictorius so that his edition contains 100 more verses of the poem. He also added the variants of the text, also extracts from the works of Plinius, Dioscorides, Galen, Philo, Hegeppus, Origenes, St Basil, Gregory of Nazianzus, Chrysostomos, Marsilio Ficino, Ermolao Barbaro, also the annotations of Pictorius, and his own scholia, which he titled "Praecipuae gemmarum lapidumque pretiosorum explicationes."

Alard dedicated his edition to Georg of Egmont (=Haecmondensis), Bishop of Utrecht (died 1559), to whom he gladly offers this work of Marbodius, which he calls "octavum orbis miraculum."

- .1 Köln, Hero Fuchs (=Alopecius), 1539.

Copy: BM; Paris; Osler 5126.

126f. 8°; "Marbodaeci Galli Caenomanensis de gemmarum ..." etc.; on f.76: "Marbodaeci sive potius incerti auctoris versus aliquot hactenus desiderati"; these verses were first edited by Alard, and they describe (in 93 verses) 16 precious stones not included in the original poem of Marbodaues; they are: capnites, ophthalmius, obsianus, ignites, diadochos, exebenus, lingurus, daphnius, mennonius, galactites, odontes, lapis qui fronte nascitur asini, trisutes, phrygius, sarcophagus, and specularis lapis.

Alard's additional verses have been also included (with his variants of reading) in Abr. GORLAeus *Dactylitheca* (Leiden 1695 and 1707), and in Ant. BEAUGENDRE's edition of Marbodius (Paris, 1708). His dedicatory letter and his preface to the reader were reprinted in the critical edition of MARBODUS by Johann Beckmann (Göttingen, 1799; copy: SGL), where his variants of reading and some of his annotations are also to be found.—The original edition of 1539 is very rare.

290 Op. 6: (transl. & edit.) THEOPHYLACTOS (Simocatta?) Epistolae.

The father of Arn. Birkmann, a physician and anatomist, died; for the consolation of his friend, Alard edited the Greek and Latin text of the letters of Theophylactos in a small volume, which also contains a few poems on fever, wine, and women, on the Truth, on virginal life, etc.

- .1 (Louvain, printer, ca 1541)

Copy: ?

(48f. 8°; extremely rare.—100 RM (1930)

Other works of Alaard are theological such as (a) *Dissertatio de Eucharistiae sacramento*, Louvain, 1537; (b) *Passio Dni Nostri*, Amst., 1523; (c) *Ritus edendi paschalis agni*, Amst., 1523; (d) *Compendium catechismi*, 1538; (e) *Epithalamium*, Antw., 1528; (f) *Haeretici descriptio*, Solingen, 1539; (g) edition of C. Crocus, 1531; etc.

ALAIN, Jean, -1616?

Syn.: Alanus.

B. in Saintes before 1570; son of Nicolas Alain, the physician (q. v.); he was advocate at the parliament of Bordeaux, and sheriff at Saintes in 1616; his only connection with medicine was that he edited the works of his father in 1598.

291 Op.: (editor) Nicolas ALAIN: *De Santonum regione*, etc.

For description see 291a.

ALAIN, Nicolas, -ca 1570.

Syn.: Alanus.

B. in the first half of the 16. century; Catholic physician, practicing at Saintes ca 1560; he was interested in the genealogy of the families of his town, also in the manufacturing of salt, which was the town's chief occupation; in 1568-1569 he wrote his two works on these subjects; died about 1570, probably at Saintes. He is said to be the first to identify in the absinth of Saintonge (Saintes) the santonin of older pharmacological and botanical authors (Columella, Dioscorides); he also used it therapeutically.

¶ For his work and life see also Rev. de la Saintonge, 1905, 25: 163.

291a Op. 1: De factura salis apud Santones.

This work has been published in his Op. 2; but before its publication the manuscript has been copied by Bernard PALISSY, who published it in his *Discours admirables de la nature des eaux et fontaines* (Paris, 1580) as his own. In Palissy's Op. omn. it was repeatedly printed (1777, 1844, 1880, 1888, also ?) 1890, 1922; see under PALISSY.

.1 Saintes, F. Audebert, 1598.

Copy: Paris.

Published in Op. 2.

292 Op. 2: De Santonum regione et illustrioribus familiis.

The title further reads: "... item de factura salis ...", which is his Op. 1. It has been edited by Jean, his son, and dedicated to the Prince of Condé. The work is in a rather crude Latin, and of little scientific value.

.1 Saintes, F. Audebert, 1598. 4° 39p.

Copy: Paris; Harvard.

.2 Bordeaux, printer, (1889) 1890.

Copy: Paris.

French translation of Op. 2 only, by Louis Andiat; xxiv, 235p.; "La Saintonge et ses familles illustres."

ALAIS.

See Ales.

ALAMAN (or Aleman)

See Lallemand.

ALAMANNI, Luigi Francesco, sen., 1495-1556.

Syn.: Alamannus; not to be confused with Luigi A. (1558-1603), also poet.

Italian poet and diplomat; b. at Firenze, Oct. 3, 1495; son of Pietro Alamanni (1434-1519), ambassador of Firenze at other Italian towns; he received an excellent education, but for political reasons he had to leave Firenze, and sought refuge in France, where he was living under the patronage of Francis I; he wrote many poems, and the French King paid the expenses of printing them in 1532; he took part in various diplomatic missions; in 1546, his *Coltivazione* was published, an imitation of the Georgicon; after the death of Francis I, he remained at the royal court and was in favor of Henry II to whom he offered several of his writings; his comedy *Flora* was played at the royal theatre at Fontainebleau in 1555; he married twice, once a dame of the court, had several sons and daughters, and died April 18, 1556, at Amboise, probably of an attack of dysentery.

293 Op.: La coltivazione.

Poem in the style of the Georgicon, describing, in six Books, agricultural and horticultural subjects; dedicated to Francis I, King of France.

.1 Paris, Rob. Etienne, 1546.

Copy: BM; Paris.

154f. plus (2)f.; 4°; very nice edition.

.2 Firenze, B. di Giunti, 1546.

Copy: BM; Berlin; München; Wien.

102f. 8°

.3 Paris, R. Etienne, 1548.

Copy: ?

Reprint of ed. 1.

.4 Lyon, S. Gryphius, 1548.

Copy: ?

Reprint of ed. 1.

.5 Firenze, B. di Giunti, 1549.

Copy: BM.

102f. 8°; reprint of ed. 2.

.6 Firenze, Filippo Giunti, 1590.

Copy: BM; Paris; Berlin; Wien.

308p. 8°; contains also his Toscanese Epigrams, also S. G. RUSCELLI: *Le Api*, and the annotations of Roberto TITI on the *Le Api*.

.7 Padova, Comino, 1718.

Copy: BM; Paris; München; Wien.

xxxvi, 355p. 4°; contents as in ed. 6.

.8 Verona, printer, 1745.

Copy: BM.

82 plus 367p. fol.; contents as in 6. ed. with addition of the life of the author by Giammaria Mazzuchelli, and notes on the *Coltivazione* by Giuseppe Bianchini da Prato.

.9 Bologna, printer, 1746.

Copy: BM.

xxxvi, 261p.; edited by V. Benini; contents as in ed. 6.

.10 Venezia, Remondini, 1751.

Copy: Göttingen.

100 plus 280p.; contents as in ed. 8. -Very rare.

.11 Venezia, Remondini, 1756.

Copy: BM; Paris; München.

96 plus 280p.; 8°; reprint of ed. 10.

.12 Parma, Borsi, 1764.

Copy: BM; Berlin.

336p.; 12° contents as in ed. 10.

.13 London, printer, 1780.

Copy: BM; Berlin; München.

xxxxiii, 238p. 12°

.14 (place, printer) 1786.

Copy:

In the collection *Didascalici del secolo XVI*.

.15 Bassano, printer, 1795.

Copy: BM.

lxxxviii, 286p. 8°; contents as in ed. 8.

.16 Milano, Soc. tipogr. Class. Ital., 1804.

Copy: BM; Paris; Berlin; München; Wien.

88 plus 324p. 8°; contents as in ed. 8; forms vol. 53, of *Collezione de' Classici Italiani*.

.17 Venezia, Vitarelli, 1812.

Copy: Paris.

.18 (place, printer) 1814.

Copy:

Published in the 28. vol. of *Parnaso Italiano*.

.19 Paris, Lefèvre, 1821.

Copy: BM; Paris.

283p. 16°; edited by A. Buttura; life of author by Girolamo Tiraboschi; forms vol. 22 of *Biblioteca poetica Italiana*.

.20 Milano, G. Silvestri, 1826.

Copy: Paris; Wien.

xii, 326p.; contains the main work, also the Epigrams and Ruscelli's *Le Api*; forms vol. 48 of *Raccolta di poemì georgici*.

.21 Paris, A. André, 1828.

Copy: BM; Paris.

Re-issue of the 19. ed.

.22 Milano, Soc. tipogr. Class. ital., 1840.

Copy: Königsberg.

viii, 255p.; confer with ed. 16.

.23 Paris, Baudry, 1840.

Copy:

.24 Torino, Typ. Salesiana, 1871.

Copy:

32°; with notes of G. B. Francesia; (orig. price 80 centesimi) Nonexistent editions (mostly found in Haller): (a) Firenze, (1580); (b) Firenze, 1593; (c) Padova, 1618; (d) Padova, 1716; (e) Padova, 1745; (f) Padova, 1746; (g) Paris, 1822. N. OTE. The cards of the Union Catalog were not available for checking American copies.

ALAMANTIUS.

See Lallemand.

ALANUS.

See Alain; Allen.

ALARD.

See Alaard.

ALATINO, Moses, 1529–1605.

Syn.: Moyses Alatinus; Moses Amram Alatinus; "Aloysius Alatini" (printer's error in the 1607. ed. of Galen's Op. omni.)

B. 1529 in Italy, probably at Spoleto where he spent his early childhood; he had a half-brother Yehiel, who was a physician at Todi (Italy), and a brother, Vitale, who was a physician of Julius III (Pope 1550–55) and of Bartolommeo EUSTACHI, the anatomist; Moses Alatino studied at Perugia, where he learned philosophy from Francesco Piccolomini; while at Perugia, he found the Hebrew translation of the work of Themistios, which he translated between 1568 and 1573, and published in 1574 (Op. 2); sometime in the 70's he entered into the service of Camillo VARANI, son of the Duke of Camerino, whom he accompanied to various places; in 1572, he spent some time at the hot springs of Padova with his master, and cured himself of a chronic ailment; he resided at Ferrara, where he was held in great esteem; in 1577, he wrote a letter to a friend, a former Moroccan Jew, who became baptized, entered a monastery, and changed his name from Joseph Zarfatì to Andre de Monte; this friend became a fanatic inquisitor, and was especially ferocious with Hebrew books; Alatino asks him in his letter for more leniency; in 1587, he is at Ferrara, and, with the aid of his elder son, Bonajuto Azriel Pethahiah Alatino, who also was a physician, he attempted to translate into Latin a Hebrew manuscript of Ibn Sina's Qānūn(?); yet, this translation was never finished, and never published; he received his license for medical practice at Ferrara from Pope Clement VIII ("1536; 1592–1605) in 1592; at the end of his life, he translated one of Galen's commentaries on Hippocrates from the Hebrew into Latin, and this translation (Op. 1) was inserted into the 8. and 9. Juntine editions of Galen's Opera omnia. He probably died at Venezia, April 17, 1605 (the Hebrew Nisan 29, 5365). His son, Bonajuto, was physician and Rabbi at Ferrara; his younger son, Emanuel, died in 1605; his sister remarried at Ferrara in 1618.

294 Op. 1: (translator) GALENOS: In Hippocratem, De aere, aquis, et locis commentarius.

There existed an Arabic translation of Galen's commentary in the 13. century, which Solomon ben Natan ha-Meati translated into Hebrew on June 2, 1299; this Hebrew manuscript text, of which a copy is now at the Bodleian Library, came into the hand of Alatino, who translated it into Latin. His translation is introduced by a preface to the reader in which he brings arguments for the authenticity of the commentaries.

Text of preface: "Non me latet, (candide lector) non defuturos ... (ends) commentarios legitimos ac fideles ipsius Galeni esse." There are only three commentaries; their text: "Argumentum. Pertractat de Aeris varietate, & locorum differentijs, quae ex diverso ad quattuor mundi partes situ, & ventorum flatibus dependunt. Particula Prima. Quicunque artem medicam recte ... (ends) Astronomia enim caeteris nationibus exceptis Aegyptijs, cognita non fuit."

1. *Venezia, Juntae, 1609.**SGL:89614**

Copy: BM; Paris; SGL; etc.

Published in the 8. Juntine edition of Galen's Opera omnia; it is contained in the 2. volume ("Librorum Secunda Classis"), in which the 2. preliminary leaf (without signature) has Alatino's preface, while the commentaries occupy f.1r–f.6v. This is the first edition of Alatino's translation; it is not in the previous 7. Juntine edition (of 1597), nor in any of the Galen editions of the 16. century. STEINSCHNEIDER mentions a Galen edition of 1679, but this supposedly Paris edition could not be found even at the Paris Bibl. Nat.

2. *Venezia, Juntae, 1625.**SGL:38034**

Copy: BM; SGL;

Published in the 9. Juntine edition of Galen's Opera omnia; it is to be found in the 2. volume ("Secunda Classis"), with Alatino's preface preceding, on f.1r–f.6v.

295 Op. 2: (translator) THEMISTIOS: Paraphrasis in libros 4 Aristotelis de caelo.

Themistios (ca. 317–388 A. D.) was probably the most important among the 4. century scholars of Constantinople; he wrote a great number of paraphrases on the works of Aristoteles. One of them is a paraphrasis on the De Coelo, which has been translated from the Greek into Arabic, and from the Arabic into Hebrew; the Hebrew translation was made in 1284 by Serahya ben Ishāq in 1284 at Roma; the text of this translation was found by Alatino at the time when he was studying philosophy under Francesco Piccolomini. He was urged by Piccolomini and by Bartolommeo Eustachi, the anatomist, to translate the only existing Hebrew text into Latin. With the aid of his friend, Elia Nolano, he finished the translation in 5 years (1568–1573), and dedicated it to Cardinal Luigi d'Este.

1. Venezia, Simone Galignano, 1574. fol.

Copy: Paris; Berlin;

ALB ...

For names beginning with "Alb" see also under "Aub ..."

ALBANDINUS.

See Arcandam.

ALBANI, Bartolommeo, fl. 1470.

Syn.: Albanus; de Albano; "Guilhelmus Gratarolus" in the 1553 ed. of De Balneis.

Not much is known of his life; he was the descendant of the illustrious Albani family, which had a Bergamo and an Urbino branch; he is usually mentioned by the biographers as a professor at Bergamo about 1550; but he must have died already at the end of the 15. century or in the first decades of the 16. century. He was a practitioner at Bergamo, and wrote his balneological work in 1470 at the occasion when the baths at Trescore Balneario (=Vallis Transcherius) were rebuilt by Bartolommeo COLLEONI (1400–1475), noted Italian mercenary commander, whose family exercised a minor sovereignty over the Bergamo district. Trescore Balneario is about 10 miles east of Bergamo.

296 Op. De balneis Vallis Transcherii Libellus.

The manuscript of this work came into the possession of the library of the Dominican Friars (at Bergamo?); it was written July 27, 1470; in 1552, or about that date, a copy of this manuscript was seen by Guilermo GRATAROLI, who himself was born at Bergamo; he made an extract of it, and adding a few of his own, offered it to Conrad GESNER; the extract was printed under the name of GRATAROLI in the balneological collection of 1553 (Venezia); almost 30 years later, however, the original full text, with some variants of reading, was edited under the correct name of its author, by Comino Ventura, printer at Bergamo.

The extract is a single, undivided treatise under the title: "De Balneis Vallis Treschurii agri Bergomatis". It begins: "Balnea Vallis Treschurii, a civitate Bergomi per decem Italica milliaria distantia orientem versus" ... etc. At the end it reads: "Haec ego Guilhelmus Gratarolus doctor medicus cum ex mea oculata observatione, tum aliorum Bergomatum medicorum veterum scriptis longa praxi breviter, & non obscure collegi ad proximi commodum. Faxit omnipotens Deus ... et potest & debet".

The original manuscript, as printed in 1582, is divided into 12 chapters; the text reads: "Caput I. Locus & instauratio Balnearum. Balnea Vallis Transcherii, a civitate Bergomi per decem (Italica) milliaria distantia versus Orientem ... (ends) cum Dei auxilio convalescent ex suis infirmitatibus, ad laudem ... (&c.) ... per infinita secula seculorum. Amen."

1. *Venezia, Juntae, 1553.**SGL:**

Copy: SGL; etc.

Published in De Balneis on f.192r–193r; an extract only under the name of Guilermo GRATAROLI; (see history of Opus)

2. *Bergamo, Comino Ventura, 1582.**SGL:69272**

Copy: BM; Paris; SGL;

(2)p.l. 43p. (4)f.; sigs (none for the 2 preliminary leaves) A–E⁴ F² a⁴; text size: 170 x 110; Roman (dedication in Italic); few historiated initials; print. dev. on tp.; tp.: "De / Balneis / Transcherii / Opidi Bergomatis / quae exstant omnia / quorum aliqua" ... etc.; imprint; Tp_v: short list of works included in volume; 2. prelim. leaf: dedication by the printer to Silvano Capello, patrician of Venezia, dated Bergamo, Aug. 1, 1582; p.1–14: text of ALBANI; p.15–32: Descriptio balnearum Vallis Transcherii written in 1470 by Luigi ZIMALLA, physician at Bergamo; p.33–34: fragment of De balneo Transcherii attributed to Guido, physician at Bergamo; p.35–40: Tractatus de balneis Vallis Transcherii by Giambattista SUARDO; p.41–43: extract from the balneological work of Andrea BACCI; title of chapter reads: "Aqua Trescuriana sub Bergamo; f.F_{2v} (=p.44) blank; f.a_{1r}–a_{4r} index in double columns; f.a_{4v} blank.—SGL copy bound to Girolamo FRACASTORO's Opera omnia (Venez., 1584)

ALBANO, Giovanni.

See in 17. ct. list.

ALBANO, Scipione, –1604.

Syn.: Albanus;

He was physician at Milano, and priest; he is mentioned as canon and apostolic protonotary; his writings are not medical and not many, only a biography and several short epigrams; died Sept. 24, 1604.

297 Op. 1: Epigrammata (tria)**1. Milano, Moschen, 1586.**

Copy:

Published in the 4. Book of the Carmina of Ignazio ALBANO, who was his relative.—Further editions: (2) Milano, Ponzio & Picalea, 1603; (3) Milano, Como, 1605.

298 Op. 2: Vita del venerabile Girolamo Miani.

G. Miani was the founder of the Congregation of Somasca.

- .1 Venezia, Sessa, 1600. 8°
Ref.: Argellato;
- .2 Milano, Stamp. Archiepisc., 1603. 4°
Ref.: Argellato;
- .3 Milano, Ponzio, 1607. 4°
Ref.: Argellato;

ALBANUS TORINUS.

See Thore.

ALBE, Erasmus.

See Alberus.

ALBEM.

See Dalhem.

ALBERI.

See Aubery.

ALBERIUS TRIUMCURIANUS.

See Aubery, Claude.

ALBERGOTTI, Ulisse.

See list of 17. et. authors.

ALBERO de Morales.

See Morales.

ALBERT von Westphalen.

See Aldegrevier, Heinrich.

ALBERTI, Antonio, 1564-1653.

See list of 17. et. authors.

ALBERTI, Cherubino.

See Borghegiano.

ALBERTI, (Giovanni) Gabriele, -1559.

Physician and priest; of Piemonte; 1541, prof. of logic at the Univ. of Padova; 1555, prof. med. ibidem; died 1559 at Padova. He annotated the work of Aristoteles *De generatione et corruptione*, which remained in manuscript. Whether he is identical with the author of the following rare work is questionable.

299 Op.: De vetere et recentiore scientia militari ... opus.

Dedicated to the Italian general, Emanuele Filiberto, Duke of Savoy (1528-1580)

- .1 Venezia, V. de Portonariis, 1559. 8°
Copy: ?

ALBERTI, Giovanni Michaelae, of Carrara.15. et. author of *De modis augendae memoriae*.**ALBERTI, Johann, fl. ca 1570.**

Syn.: Albert; Albertus; Wimpinaeus; not to be confused with the author of the "Rechenbüchlein", or with the Jesuit J. Alberti at Ingolstadt.

B. in the first half of the 16. ct.; he was a physician at Wimpfen, on the Neckar, 25 miles SE of Heidelberg (hence called Wimpinaeus); believes in the Paracelsic doctrines, but does not want to throw away the old authors; therefore, attempts to bring the old and new ideas into harmony (Op. 1), while preparing an edition of the *Archidoxa* of PARACELSUS.

300 Op. 1: De concordia Hippocraticorum et Paracelsistarum.Contains also an Appendix: *Quid medico sit faciendum*.

- .1 München, A. Berg, 1569.
Copy: München;

Sigs A-H; 8°

.2 Strassburg, C. Kieffer for P. Ledertz, 1615.

Copy: Paris;

Sigs A-F; 8°

301 Op. 2: Methodus docendi medicinam.

- .1 Strassburg, Conrad Scher, 1607.

Published in J. G. SCHENCK; *De formandis medicinae studiis*, on p.134-143.

302 Op. 3: (editor) PARACELSUS: Archidoxa ex Theophrastia.

- .1 München, Adam Berg, 1570.

Copy: Berlin; München; Stuttgart;

Ref.: Sudhoff (Paracels. No. 119)

For description of volume see under PARACELSUS.

303 Op. 4: (editor) PARACELSUS: Tractetlein zu Archidoxa gehörig.

Includes (1) Von dem Magneten; (2) De occulta philosophia; (3) Die recht weisz zu administrirn die Medicin; (4) Von vilerley giftigen Thieren.

- .1 *München, Adam Berg, 1570. SGL:
Copy: Breslau; Augsburg; BM; SGL;

For description of volume see under PARACELSUS.

NOTE: Op. 3 and Op. 4 were also issued together with very slight alteration of the arrangement of leaves. (See under PARACELSUS).

His portrait is reproduced from a woodcut in the portrait collection of the SGL.

**ALBERTI, fra Leandro, O. Praed., 1479-1552(?)**

Dominican monk; b. Dec. 11, 1479; at Bologna; he entered the Dominican order, and became the assistant of the General of the order; he was fond of travelling, and in 1550 published a sort of guide book for Italy; 1550-1552 Apr. 10, he was the chief inquisitor at Bologna; nothing is heard of him after 1552. He was a prolific writer of historical, biographical and theological works. The only one of medical interest is the following.

304 Op.: Descrittione di tutta Italia.

As the subtitle tells, the work contains also "... i bagni, le minere, con tutte l'opere meravigliose in lei dalla natura produtta"; it abounds with remarks on agriculture, minerals, forests, trade, wines, etc. The work has been inspired by Flavio BIONDO's *Italia illustrata* (Roma, 1474)

- .1 Bologna, Anselmo Giaccarelli, (1550)

Copy: BM; Paris; München; Wien; Boston Pub.; Illinois Univ.; Minnesota Univ.; Harvard.

Dedicated to Henry II, King of France; (3)f. 469f. (1)f. (28)f. (1)f.; Roman; with portrait and printer's device.—50 fr. (1907)

- .2 Venezia, Nicolini da Sabbio, 1551.

Copy: Paris; Berlin; N. York Pub.; Illinois Univ.; Harvard.

Contains also the supplementary "Isole"; (38)f. 424f.; 4°—40 lire (1922)

- .3 Venezia, G. M. Bonelli, 1553.

Copy: BM; München;

(38)f. 464f. (2)f.; 4°; two print. devices.—25 fr. (1907)

- .4 Venezia, D. de' Farri, 1557.

Copy: BM; München; Illinois Univ.

464f. of text; 4°

- .5 Venezia, L. degli Avanzi, 1561.

Copy: BM; München; Wien; Pennsylvania Univ.

(42)f. 504f. 96f.; 8°; 2 vols.

- .6 Köln, N. Graphaeus, 1566.
Copy: München; Wien;
Latin translation by G. Kyriander; 815p. fol.—Rarior.
- .7 Köln, T. Baum, 1567.
Copy: BM; Paris; Berlin; München; Wien;
Latin translation by Kyriander; fol.
- .8 Venezia, Lodovico degli Avanzi, (1568)–1567.
Copy: BM; Paris; München; Wien; Illinois Univ.; Pennsylvania Univ.
Edited by A. Cheluzio da Colle; 504f. 100f. (5)f. 7 maps; Italic; 4°—30 fr. (1914)
- .9 Venezia, G. M. Bonelli, 1576–77.
Copy: Paris; Berlin; München; Wien; Newberry; Harvard.
501f.; 4° Rare.
- .10 Venezia, G. B. Porta, 1581.
Copy: BM; Paris; Berlin; München; Wien;
501f. 4°; enlarged edition by B. Borgarucci.
- .11 Venezia, A. Salicato, 1588.
Copy: BM; Paris; Berlin; München; Libr. Congr.
495f. 100f.; 4°
- .12 Venezia, P. Ugolino, 1596.
Copy: Paris; Berlin; München; etc.; N. York Pub.; Cathol. Univ.
(34)f. 496f. 96f.; 8°
Questionable: (13). Venezia. 1631.; 4°
- ALBERTI, Alberto Lodovigo de, 1560–1628.**
See list of 17th century authors.
- ALBERTI, Leone Battista, 1404?–1484.**
See **DEGLI ALBERTI**. Leone Battista.

ALBERTI, Salomon, 1540–1600.

Syn.: Albertus; Salamo Albertus; Albert; not to be confused with Marius Salomonius Albertschus (ca 1530) or with Solomon Albertseus (ca 1567).

His portrait (1596) is reproduced from the SGL portrait collection.



B. Oct. 1540 at Naumburg, where his father was either an architect or a real estate man, a convert Jew; in 1541, the family moved to Nürnberg (Norimbergae; hence called Norimbergensis), where his father died next year; the poor mother could not pay the expenses of his education, and the magistrate of the city took care of his school expenses; in 1560, he became student of the Wittenberg University, where he must have studied not only medicine, but also languages, because his

writings contain many Greek quotations and references to Hebrew literature; 1574, graduated MD; 1575 (not in 1573), became professor of physics at Wittenberg; in 1577, he began to teach medicine, and was professor of medicine until about 1594; he was especially interested in anatomy; most of his medical works have been written during this period of 20 years; meanwhile, he married, and had a son, Johan Jacob Alberti (not to be confused with the editor of Paracelsus); in 1582, a savage epidemic closed the university, and students together with the professors fled from the city; the author retired to his "Ammonianum," and wrote his anatomical "History" for medical students; in 1588, at the request of the Duke of Saxonia, he began to study the problem of endemic scurvy, and made a thorough survey of the population not only of Saxonia, but also the entire Germany, and of a few islands of Denmark; in 1592, he became the physician of the Duke of Saxonia, Friedrich Wilhelm, and next year he published his observations on the scurvy; thereafter, he took no part in the academic life, and did not write anything; since 1592, he has been residing at Dresden, where he died March 28, 1600 (var.: March 29)

His chief achievements were on the field of anatomy, and his descriptions of the cochlea, venous ostiola, lacrymal apparatus, renal papillae, and intestinal valves (the so-called Bauhin valves) are said to be fundamental. He also left a number of reports of abnormalities such as the abnormal origin of the renal veins, etc.

List of works

- Op. 1:** Adumbratio et descriptio sursum nutantium membranularum in venis brachiorum et crurum;
Op. 2: Antidotarium medicamentorum simplicium et compositorum, quae internis et externis corporis affectibus accommodantur.
Op. 3: De ardore stomachi;
De asthmate. See Op. 29.
Op. 4: De bile excrementicia;
Op. 5: De cognitione herbarum;
Op. 6: Commonefactio ad communitatem universitatis scholasticae;
Op. 7: Consilia aliquot medica;
Op. 8: Cur in lacrimis suspiria et gemitus fere conjugantur?
Op. 9: Cur pueris non sit interdicendum lacrimis?
Op. 10: De disciplina anatomica;
Op. 11: Elegia;
Op. 12: Epistola consolatoria ad J. Oelhaufum;
Op. 13: De felle ad intestina restagnante;
Op. 14: (editor) GALEN: De ossibus; (Greek)
Op. 15: (ed. & Transl.) GALEN: De urinis (Greek-Latin)
Op. 16: Historia plerarumque partium humani corporis;
Op. 17: De lacrimis (thesis of M. Henig)
Op. 18: De medendi scientia ... imprimis de Rasis libro nono;
Op. 19: De morbis contagiosis (his doctoral dissertation)
Op. 20: De morbis mesenterii et eius quod pancreas appellatur;
Op. 21: De moschi aromatis natura et efficacitate;
De mutitate. See Op. 35.
Op. 22: Observationes anatomicae;
Op. 23: Orationes duae;
Op. 24: Orationes quattuor;
Op. 25: Orationes tres;
Op. 26: De peste;
Op. 27: Questionem (Responsio ad) an et quid grandini in sue cum schorbuto in homine sit commercii.
Op. 28: Quaestio an ventriculus suo cremore vere nutriatur; Quaestio cur pueris non sit interdicendum lacrimis. See Op. 9.
Op. 29: Quaestio num metallica et mineralia in asthmate conferant;
De Rasis libro nono. See Op. 18.
Op. 30: Schorbuti historia;
Op. 31: De singultu;
Op. 32: De structura ureterum renis dextrae mirifica;
Op. 33: De studio doctrinae physicae et eo libello qui de anima inscribitur;
Op. 34: De sudore cruento;
Op. 35: De surditate et mutitate;
Op. 36: Tractationes formularum medicarum;
Op. 37: De venarum ostioli;
Op. 38: Convocatio ad publicam magistrorum renunciationem.
Op. 39: Invitatio ad solennem candidatorum examinationem instituendam.
Op. 40: (Poem on functions of the Dean)
Op. 41: Responsio Decani.
Op. 42: Studiosis doctrinae physicae salutem.
Op. 43: Studiosos eius partis doctrinae physicae quae de Anima pertractat ...
Manuscripts.

